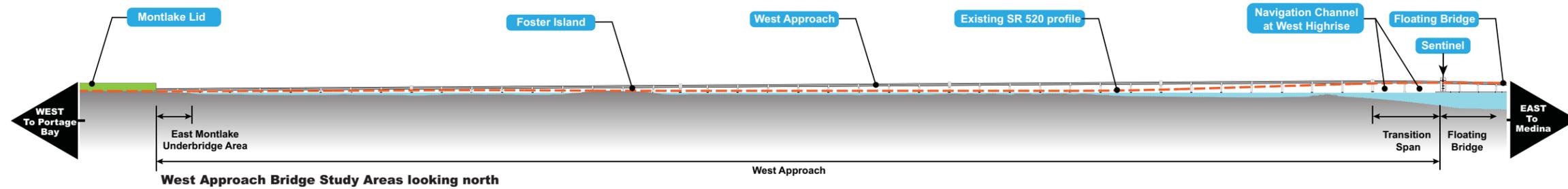


# West Approach Bridge - Progress Update



## Next Steps

### West Approach Bridge

- WSDOT has applied for federal funding to design and construct the first phase of the West Approach Bridge.
- Pending funding:
  - Conduct a design refinement process to consider public and agency input
  - Continue working with the public and City of Seattle departments
  - Continue working with the Seattle Design Commission in the review of a preferred bridge type and its quality in the City
  - Begin construction as early as summer 2014

### East Montlake Lid Underbridge Area

*West Approach Bridge Abutment to Lake Washington Shoreline*

- Recommend that WSDOT continue with design refinements for the underbridge areas with priority for safety, good sightlines, clear wayfinding and general attractive qualities
- Continue working with the public and City of Seattle as the design evolves
- Continue to work with Tribes and Arboretum on the Foster Island undercrossing in accordance with the Final Environmental Impact Statement (FEIS) commitments
- Following Tribal and Arboretum input, inform public of design direction

### Bicycle and Pedestrian Connectivity

- Continue working with the public and City of Seattle as the design evolves

### Location Key



# West Approach Bridge - Bridge Design

## Description

An overview of the limits and structural components of the West Approach Bridge, and the potential for architectural refinement of components and 'belvederes' on the regional bicycle and pedestrian path.

## Benefits

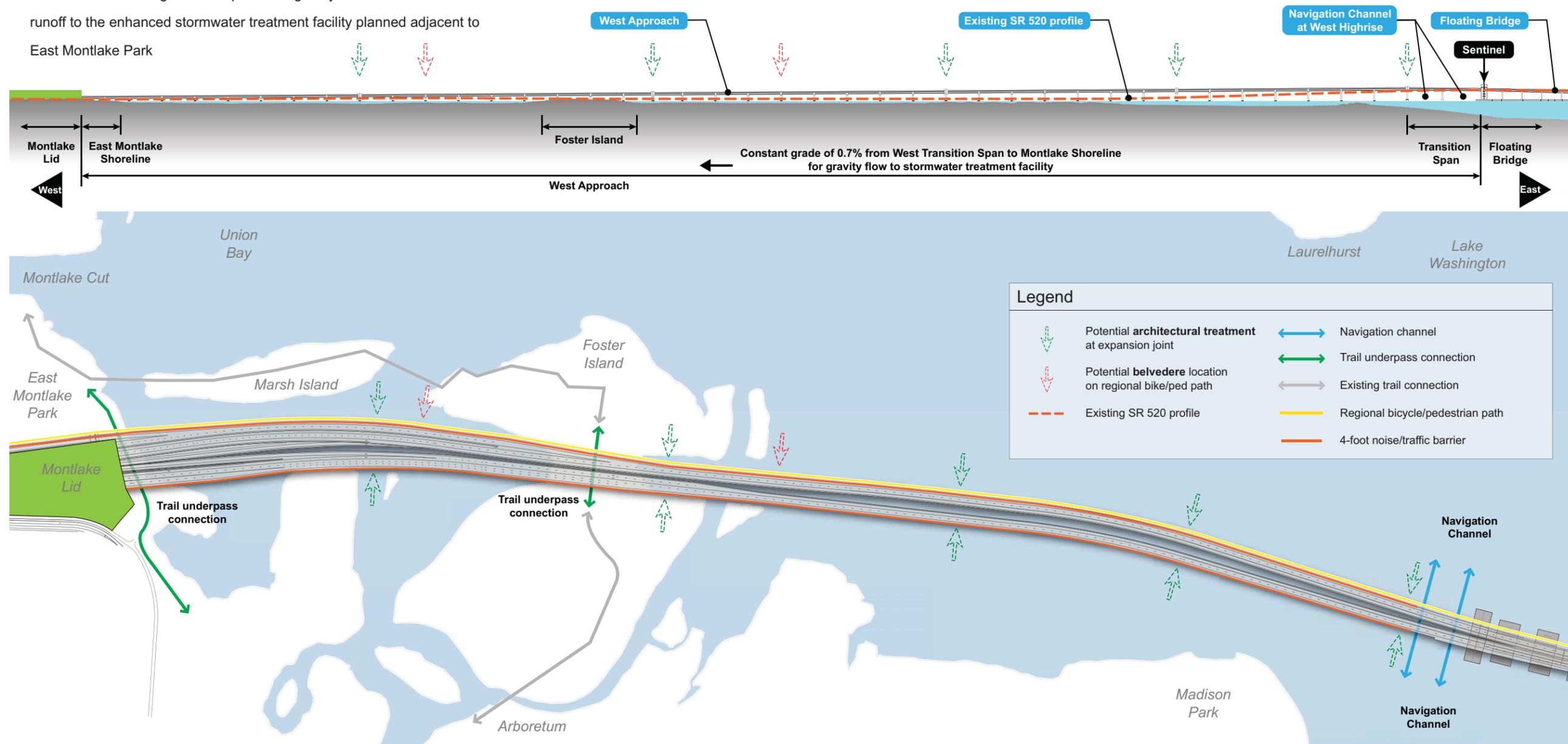
- Architectural refinement of bridge components enhances views and improves the visual aesthetics of the bridge design
- Belvederes provide an opportunity for pedestrians and bicyclists to rest and enjoy views
- A constant 0.7% bridge deck slope allows gravity flow of stormwater runoff to the enhanced stormwater treatment facility planned adjacent to East Montlake Park

## Design Goals

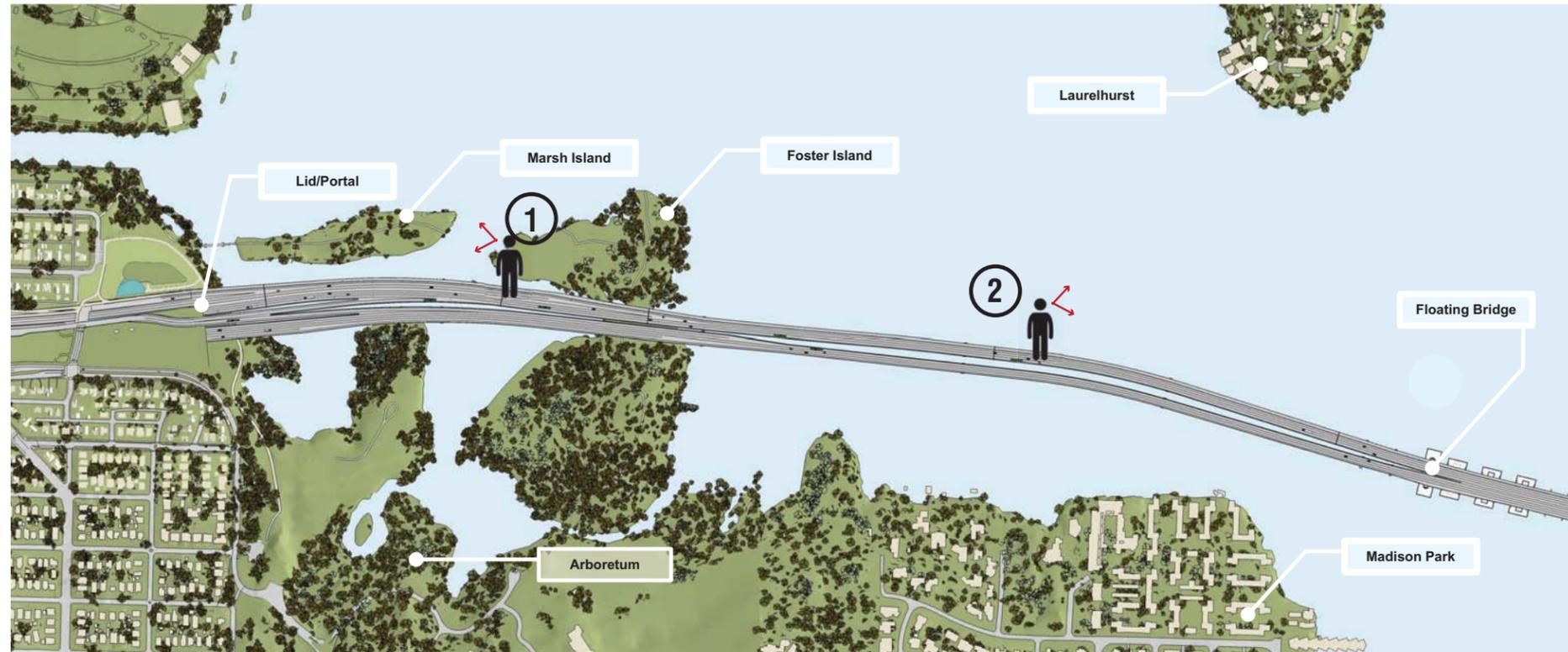
- Refine and integrate structural components and other required bridge components to be more aesthetically pleasing
- Balance visual effects with architectural treatments
- Reduce construction impact to the lake and wetland environment by using long span precast girders between piers

## Considerations

- Integration of pipes and bridge drains within the structural depth will reduce visual clutter
- Maintain adequate clearance height and sightlines at the Montlake east shoreline underpass
- Bridge type is limited to a beam bridge given site conditions



# West Approach Bridge - Bicycle/Pedestrian Views on Bridge



\* A Belvedere is a widened area of the bicycle/pedestrian path that provides a place to stop, rest, and enjoy the view. Belvederes typically include benches and interpretive signage as well as a low screen wall for protection from the main path.



## Examples of belvederes on other bridges



PHOTO COURTESY OF GREAT ENTERPRISES

## Examples of pedestrian railings on other bridges



PHOTO COURTESY OF Steele & Co. Ltd.

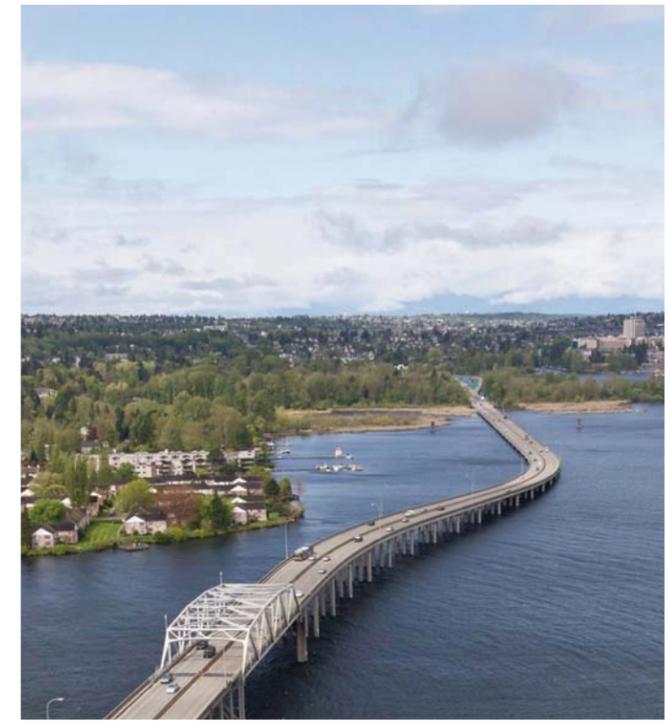
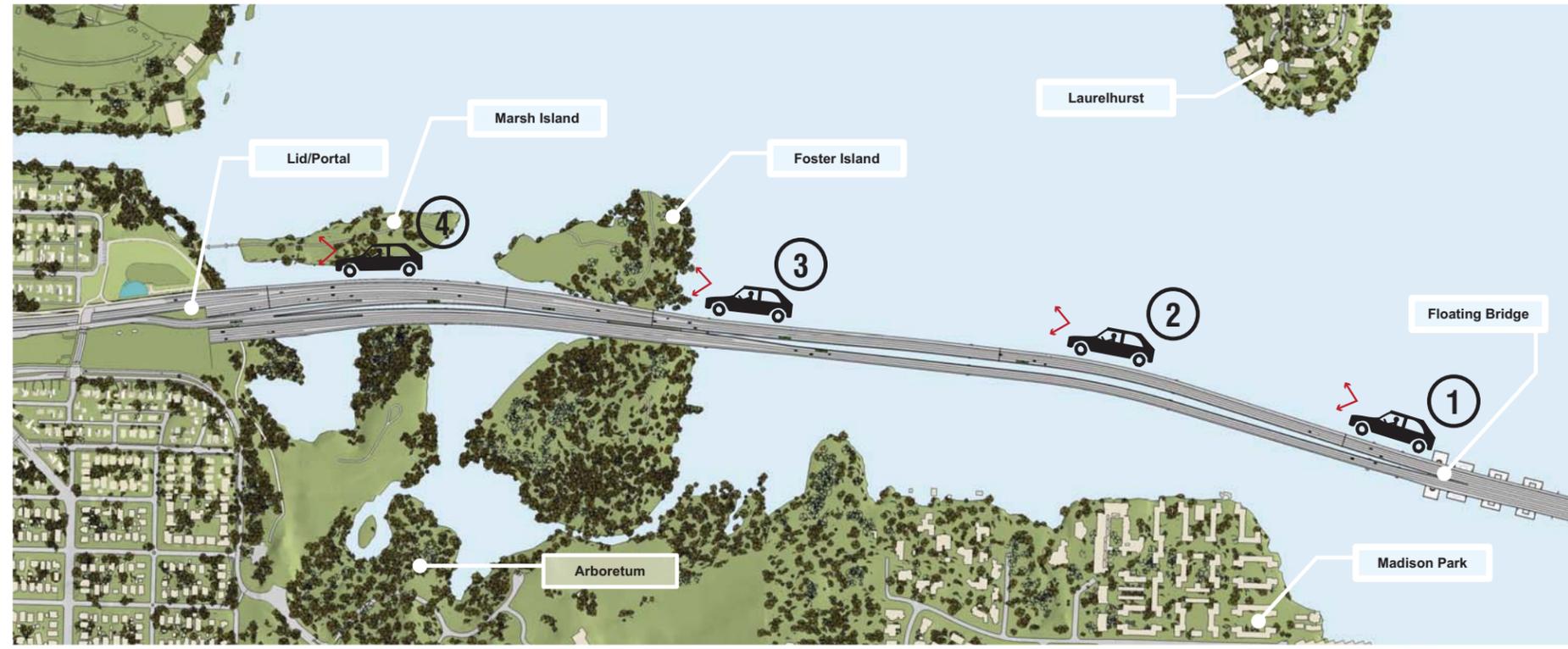
**DRAFT**  
May 2012

**CONCEPTUAL**  
DRAFT - THE SKETCH ONLY DEPICTS THE IDEAL  
ENGINEERING CREATIONS AND ENVIRONMENTAL  
ANALYSIS REQUIRED.

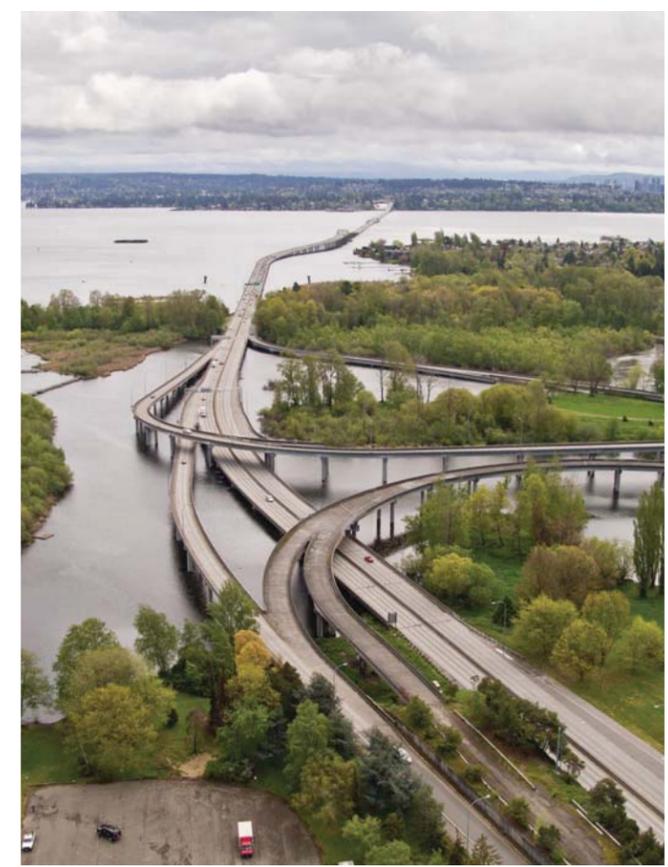
Washington State  
Department of Transportation

STATE ROUTE  
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# West Approach Bridge - Views from Vehicle on Bridge



Existing View Looking West



Existing View Looking East

# West Approach Bridge Design Approach - Pedestrian Views From Shoreline

View 1 from Laurelhurst (Existing)



Key Map



View 1 from Laurelhurst (Proposed)



View 2 from Madison Park (Existing)



Key Map



View 2 from Madison Park (Proposed)

