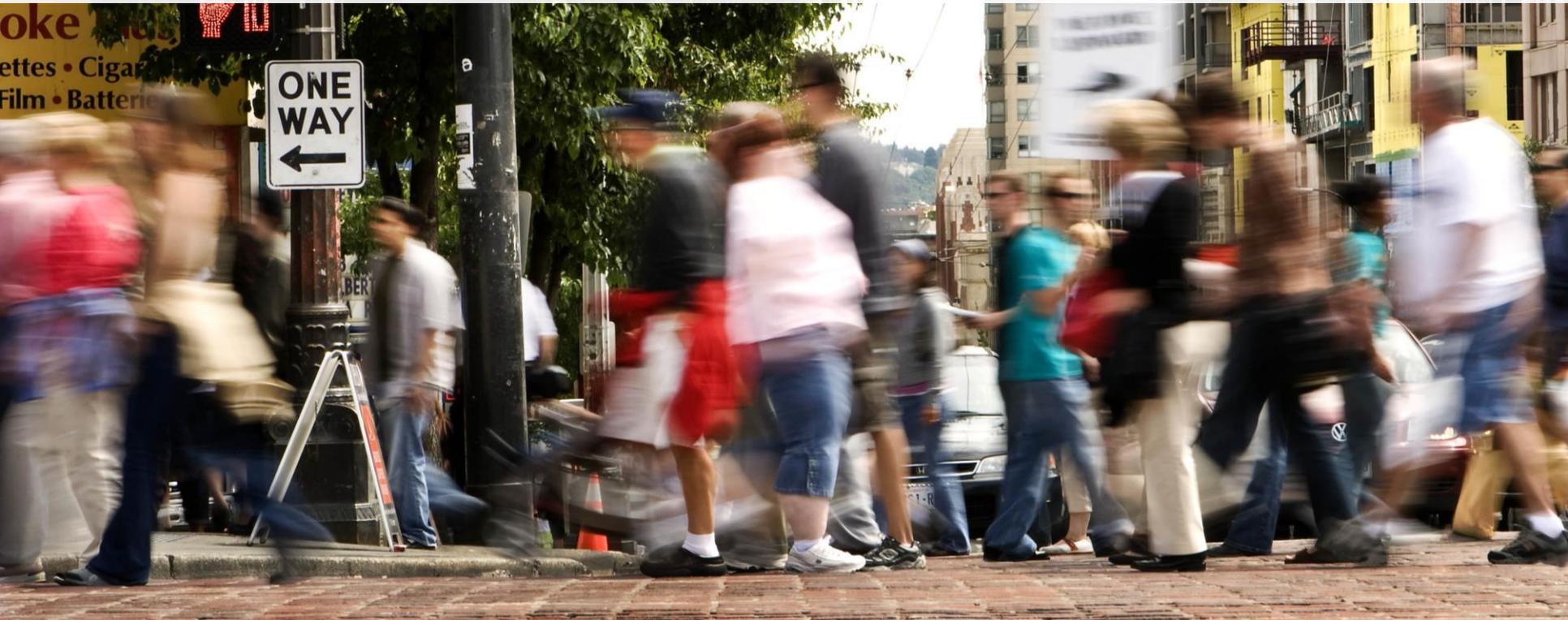


# SR 520 West Side Design Development Process



Seattle City Council Transportation Committee  
Lyle Bicknell, Andrew Glass Hastings, Bernard van de Kamp  
June 24, 2014

# SDOT's mission & vision

Mission: delivering a first-rate transportation system for Seattle.



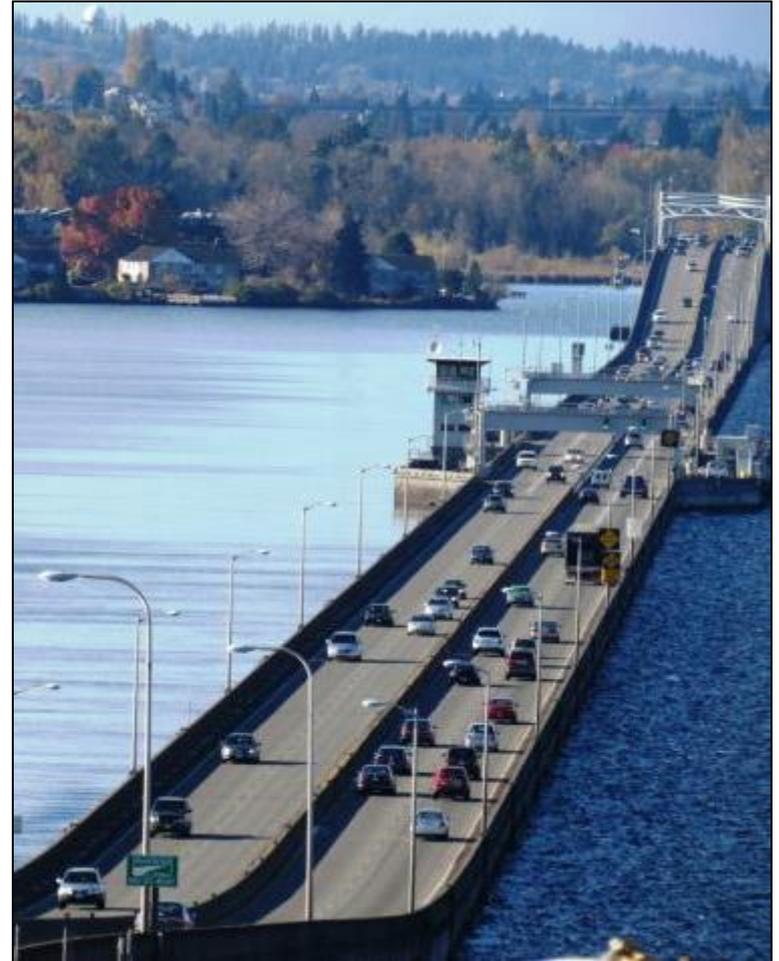
Vision: a vibrant Seattle with connected people, places, and products.

# SDOT's core principles



# Presentation Outline

- SR 520 MOU status
- Westside design process overview
- 2014 westside design work plan
- Montlake lid
- Portage Bay Bridge
- Second Bascule Bridge
- Next steps



*View of the SR 520 floating bridge, looking west from Medina.*

# 2011 Memorandum of Understanding: Status update

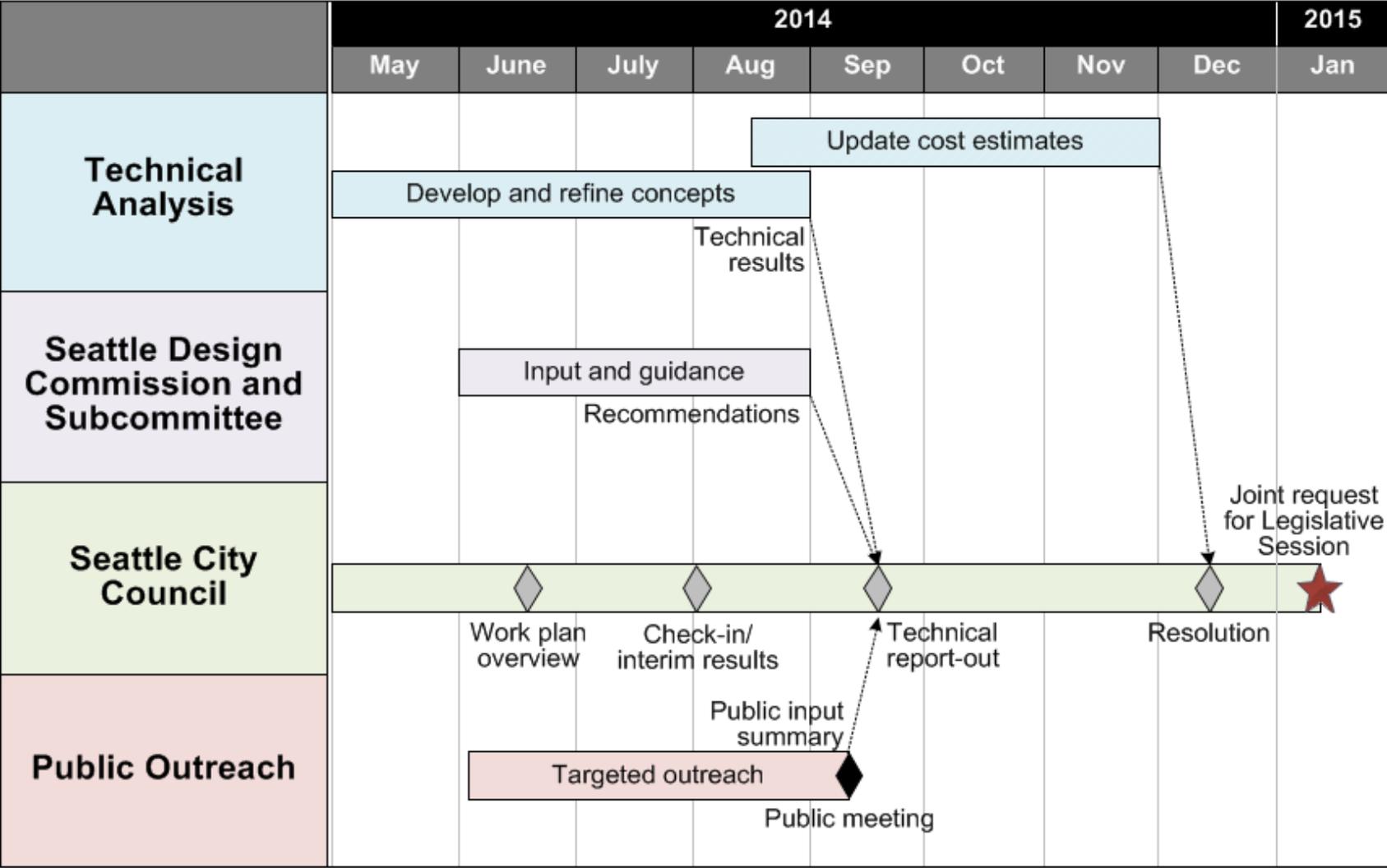
## **Outlined a series of activities, including the following:**

- ✓ **Seattle Community Design Process**
- ✓ **Second Bascule Bridge triggers**
- ✓ **Neighborhood Traffic Management Planning:**
  - ✓ **January 2014:** Community Advisory Group meeting
- ✓ **Community Construction Management Planning including Tree and Vegetation Management Plan:**
  - ✓ **March 2012:** Floating Bridge and Landings complete
  - ✓ **August 2013:** Amended to include West Connection Bridge Project
  - ✓ **Spring 2014:** Amend for West Approach Bridge North Project
- **Consult on design and construction as necessary:**
  - ✓ Ongoing technical team and management coordination during WABN design development

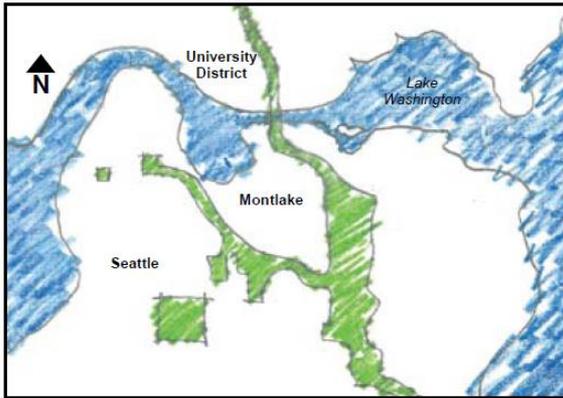
# Recent westside design developments

- **2011- 2012: Seattle Community Design Process (SCDP)**
  - Received over 1,600 public and stakeholder comments on draft report
  - Vision for the corridor
  - Refinements integrated into the SR 520 Preferred Alternative
  - Questions remained about key west side elements
- **2013: Resolution 31427**
  - Provides City concurrence / guidance on SCDP recommendations
- **2014: ESSB 6001**
  - “WSDOT must continue to work with SDOT in their joint planning, design, outreach and operation of the remaining westside elements including ... the **Montlake lid**, the bicycle/pedestrian path, the effective network of transit connections, and the **Portage Bay Bridge**.”

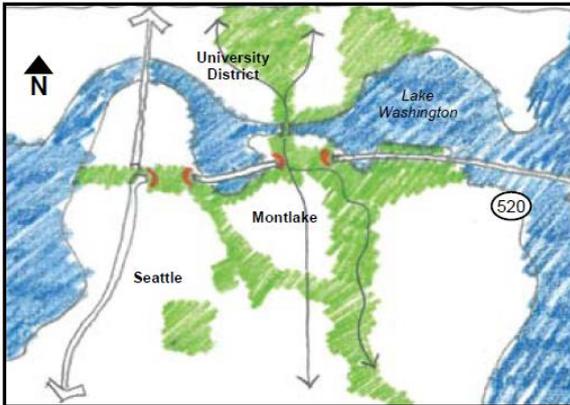
# Westside design development process



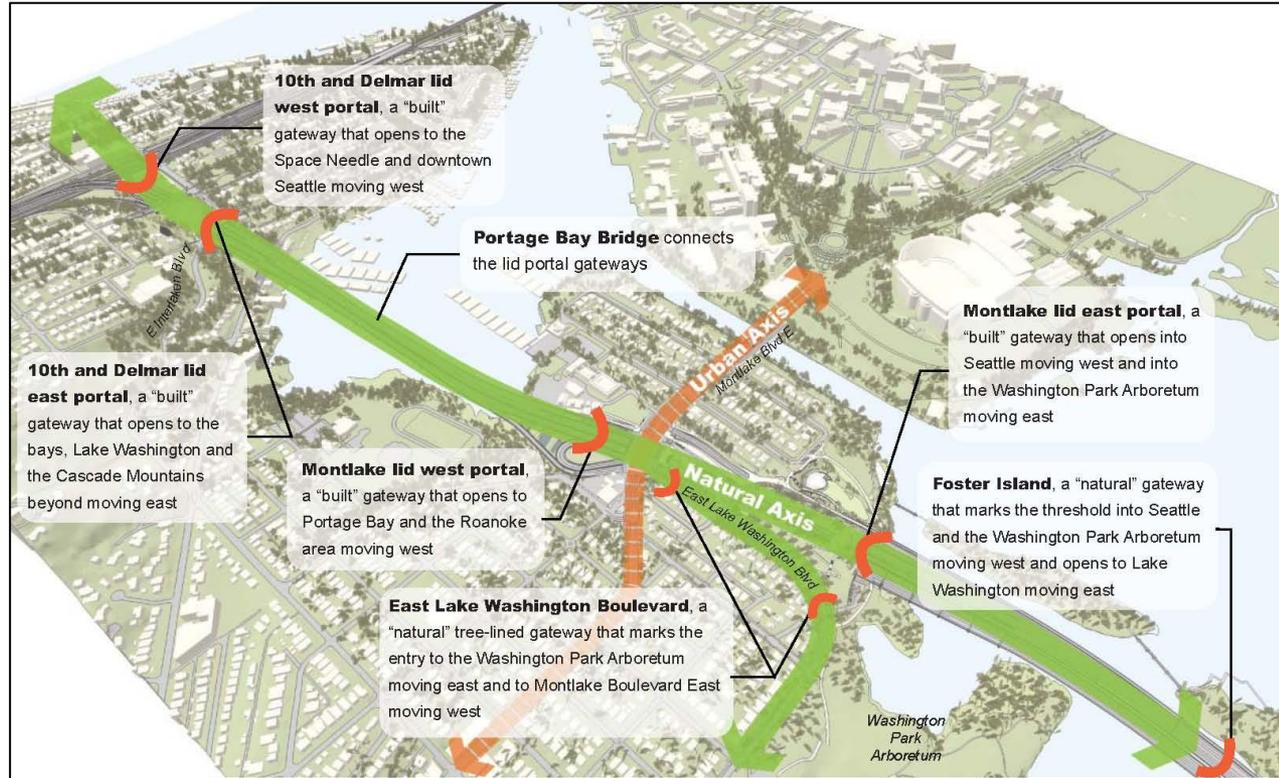
# A refined vision for the corridor: Nature meets City



*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.*

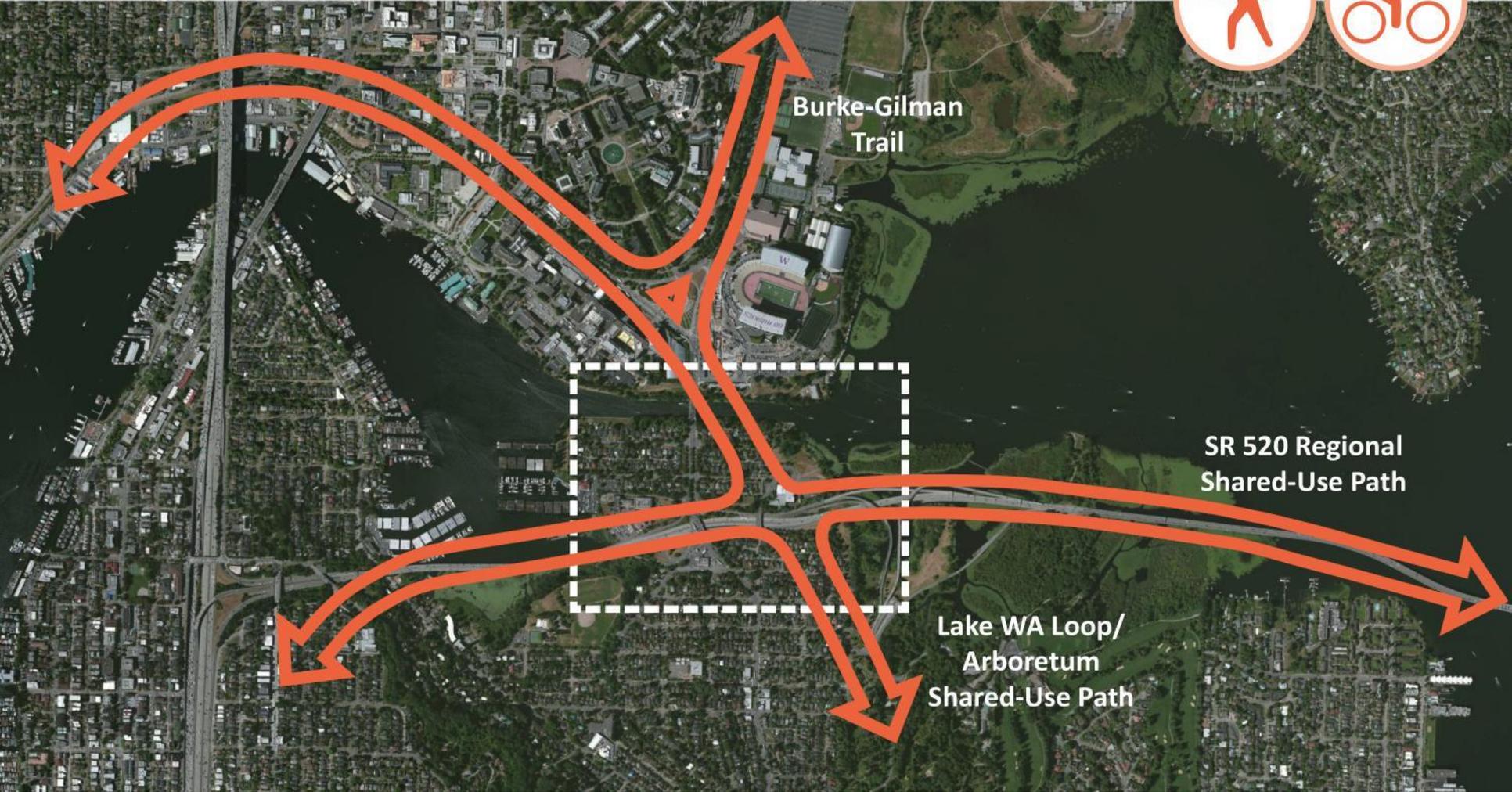


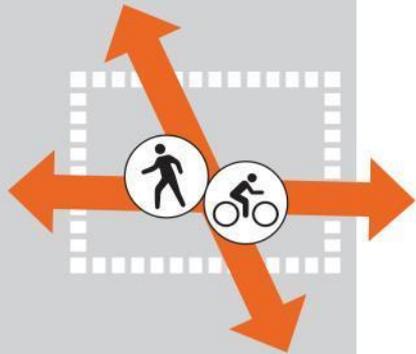
# “Nature meets City” is all about connections



# A SMARTER LID

## CROSSROADS OF REGIONAL CONNECTIONS





## A SMARTER LID

### CROSSROADS OF REGIONAL CONNECTIONS

Strengthen local and regional networks with high-quality, seamless, and intuitive connections across and along the SR 520 corridor.

## SHORELINE INTERFACE

### RECONNECTING HABITAT

Enhance the quality of the shoreline for habitat and humans with pathways that complement the historic and natural character of the places where land meets water.

## MONTLAKE CORRIDOR

### COMPLETING THE STREET

Rebalance the Montlake corridor to prioritize safe, efficient and legible paths of travel for pedestrians, cyclists and transit users of all ages and abilities.

# Portage Bay Bridge and the Vision

## REGIONAL CONNECTIONS

PED/BIKE | TRANSIT | NATURAL SYSTEMS



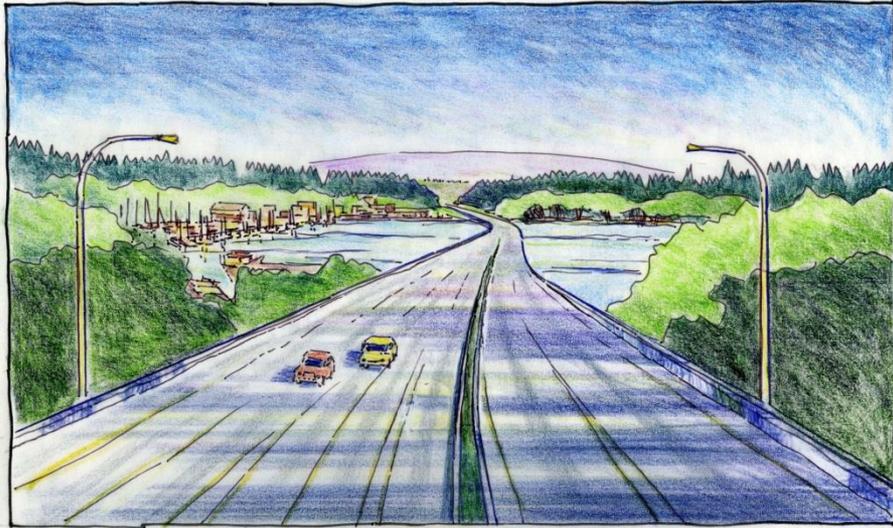
# What we heard: Portage Bay Bridge

## Seattle Community Design Process

*Summary of public feedback confirmed by Resolution 31427*

- Proceed with **box girder and cable stay bridge types** both in a shifted alignment to north to reduce construction duration.
- Continue to study **safe, direct and comfortable pedestrian and bicycle connections** from Montlake to downtown Seattle and north Capitol Hill, including shared-use path on Portage Bay Bridge.
- Continue working with the **local communities and stakeholders** to identify opportunities to reduce visual impacts, refine the design to better integrate the structure with its local and city context.

# Portage Bay Bridge Types: Box Girder and Cable Stay



Box girder bridge type (baseline)

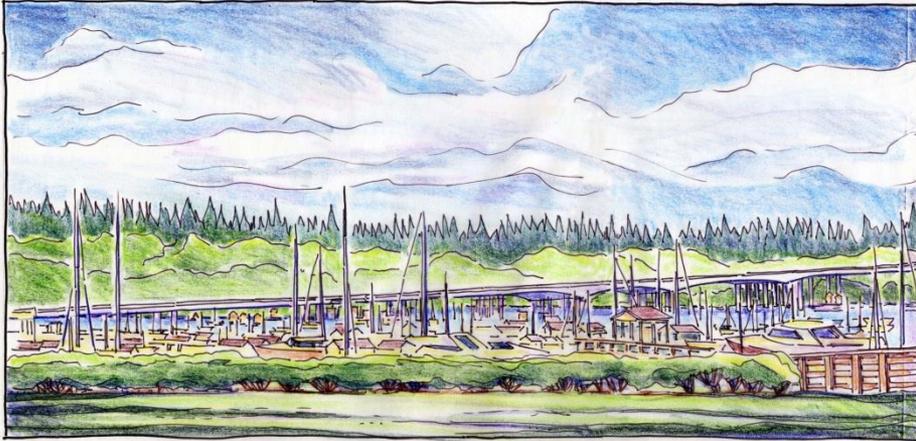


Cable Stay bridge type



Looking east from Delmar Drive East

# Portage Bay Bridge Types: Box Girder and Cable Stay



Box girder bridge type (baseline)

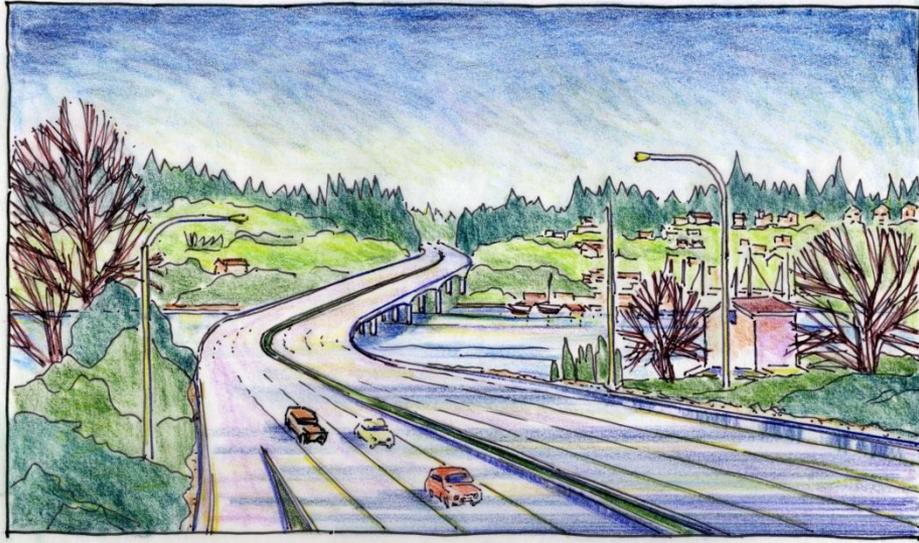


Cable Stay bridge type

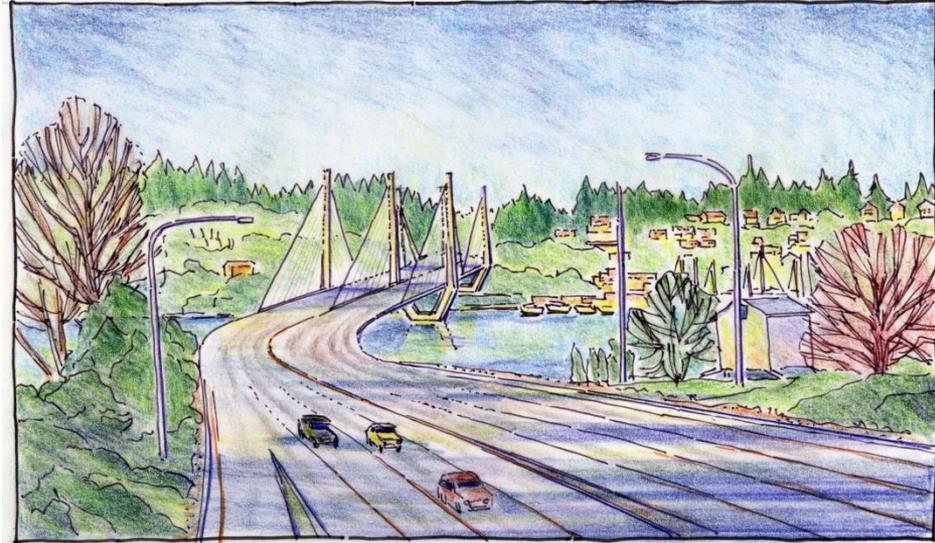


Looking southwest from West Montlake Park

# Portage Bay Bridge Types: Box Girder and Cable Stay



Box girder bridge type (baseline)



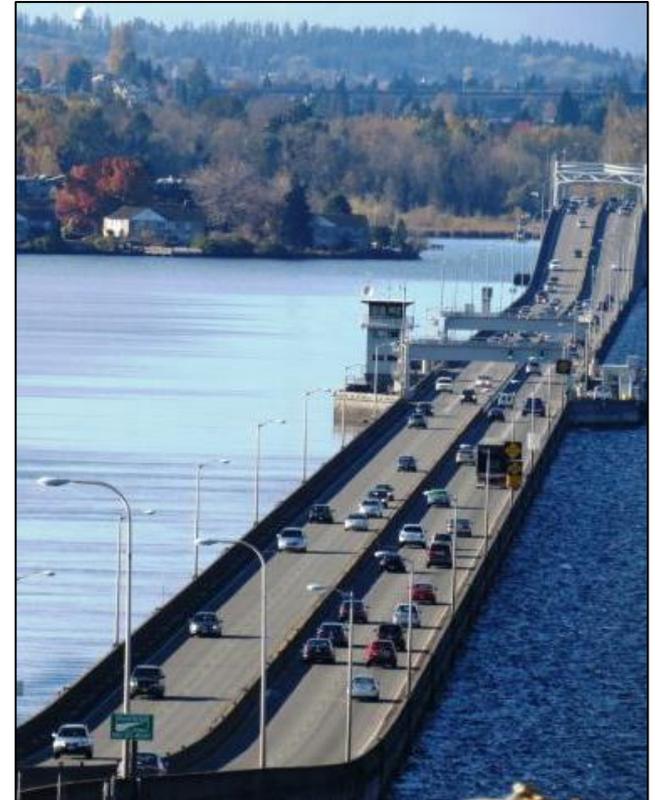
Cable Stay bridge type



Looking west from Montlake Boulevard

# Next steps

- **Spring / summer 2014**
  - Ongoing design refinement process with Seattle Design Commission
  - August check-in with Council
- **September 2014**
  - Public meeting to share results
  - Council confirms design recommendations
  - WSDOT begins cost estimate updates
- **December 2014**
  - WSDOT presents cost estimate results
  - City considers resolution confirming guidance
- **Late 2014 / early 2015**
  - City resolution (if passed) and WSDOT budget request submitted to legislature



# Questions?

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