

BALLARD BRIDGE PLANNING STUDY

TECHNICAL WORKSHOP SEPTEMBER 12, 2019

SUMMARY REPORT

EVENT OVERVIEW

On September 12, 2019, we hosted a technical workshop for the Ballard Bridge Planning Study at the Ballard Branch Library Meeting Room (5614 22nd Ave NW). The workshop was from 10:30 AM to 1:00 PM. Stakeholders from the bike and freight community were invited to participate. The workshop consisted of a short presentation (Appendix A), display boards (Appendix B), and roll plots (Appendix C) showing the various options (Appendix C) for the interactive group discussions.

Agenda

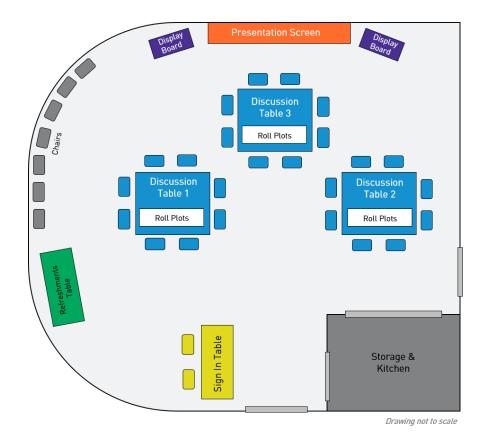
Time	Topic	Lead
10:30 – 10:40 AM	Welcome and Introductions	Wes Ducey, SDOT
10:40 – 10:50 AM	Ballard Bridge Planning Updates	Wes Ducey, SDOT
10:50 – 11:00 AM	Overview of Three Bridge Options	Matt Baughman, COWI
		Marni Heffron, Heffron Transportation
11:00 AM – 12:30 PM	Small Group Discussions on Bridge	All
	Options (40 minutes each for north end	
	and south end with a 10-minute break in	
	between)	
12:30 – 12:45 PM	Report Out & Summarize	Wes Ducey, SDOT
12:45 – 1:00 PM	Next Steps & Adjourn	Wes Ducey, SDOT

EVENT LAYOUT

The room was set up with a welcome table, refreshments table, presentation screen, two display boards, and three discussion tables. Each discussion table had markers, sticky notes, a flip chart, and a set of 7 technical roll plots:

- High-level Fixed Bridge Replacement North
- Mid-level Moveable Bridge Replacement North
- Low-level Moveable Bridge Rehabilitation North
- Existing Connections North
- SPUI (High-level and Mid-level Bridge Replacement) South
- Low-level Moveable Bridge Rehabilitation South
- Existing Connections South

The diagram below shows the room layout.



ATTENDANCE

There were 7 stakeholders at the workshop. Attendance included members from the Ballard Alliance, Seattle Freight Advisory Board, Port of Seattle, North Seattle Industrial Association (NSIA), Cascade Bicycle Club, and the Seattle Bicycle Advisory Board.

There were 5 Seattle Department of Transportation (SDOT) advisory staff members and 6 consultants at the workshop.

Community & SDOT Stakeholder Attendees

- Haley Keller, Ballard Alliance & Cascade Bicycle Club
- Warren Aakervik, Seattle Freight Advisory Board
- Tom Malone, North Seattle Industrial Association (NSIA)
- Eugene Wasserman, NSIA
- Elliott Strong, NSIA
- Patrick Mayovsky, Port of Seattle
- Geri Poor, Port of Seattle
- Serena Lehman, SDOT Bicycle Advisory Board Liaison
- Chris Saleeba, SDOT Policy and Planning
- John Marek, SDOT Transportation Operations
- Andrew Natzel, SDOT Transportation Operations
- Venu Nemani, SDOT Transportation Operations

Project Team

- Wes Ducey, SDOT Project Manager
- Kit Loo, SDOT Program Manager
- Matt Baughman, COWI
- Lisa Reid, SCJ Alliance
- Susann Babei, SCJ Alliance
- Marni Heffron, Heffron Transportation
- Jasmine Beverly, Cascadia Consulting
- Kate Graham, Cascadia Consulting



Figure 1: Attendees listening to presentation from SDOT.

WHAT WE HEARD

The workshop started with a presentation from SDOT project manager, Wes Ducey, and technical consultants, Marni Heffron and Matt Baughman, on the Ballard Bridge Planning Study process and current considerations. Following the presentation attendees broke into 2 groups to discuss the North and South side connection options being considered. Each group had representation from the bike and freight community, as well as representatives from the technical team. SDOT gathered feedback using sticky notes, drawings, and verbal comments from group members.

Group Discussion Feedback & Observations

High-level Fixed Bridge Replacement – North

- 5% grade is the maximum that is reasonable for people who bike
- Interest in a sidewalk and/or bicycle facility on the 51st/Leary ramp
 - Consider adding an east/west crosswalk at the signalized intersection at the top of the ramp
- Freight would like a right turn onto 15th Ave NW from the NW 51st St/Leary Way NW ramp
 - The turn radius would need to accommodate large trucks (WB-67)
- Evaluate turning radii at the intersection of 14th Ave NW and NW Leary Way
- Concerns about possible property impacts

Mid-level Moveable Bridge Replacement – North

- Would like to see safety improvements for people who bike and walk at 17th Ave NW/ NW Leary Way intersection
- Freight has concerns about making the U-turn from 17th Ave NW onto the southbound on ramp
- Freight would like to be able to turn right from southbound 14th Ave NW onto NW 46th St

Low-level Moveable Bridge Rehabilitation - North

- Disappointed in the lack of reduction in bridge openings
- Prefer the 14-feet wide 2-direction path on 1 side

SPUI (Mid-level and High-level Bridge Replacement) - South

- General support for the SPUI concept
 - o Interest in including it with a low-level rehabilitation option
- Would like a wider multi-use path on the west side of the Emerson to SB 15th Ave W ramp
- Would like a connection from the future light rail station (near 16th Ave W & Thorndyke Ave) to the bridge for people who walk and bike
- Would like to connect the Ship Canal Trial to 16th Ave W

Low-level Moveable Bridge Rehabilitation - South

- Concern for access to the southbound bus stop for people who walk and bike
- Interest in improved east-west crossings on 15th Ave W/Ballard Bridge for people who walk and bike
- Would like more signage for people who walk and bike directing them to the west side facilities
- Concerns about the turn radii in the bicycle off ramp to the Ship Canal Trail, specifically for people on cargo bikes
- Would like facilities for people who walk and bike to connect to future Link light rail station (near 16th Ave W & Thorndyke Ave W)
- Concerns from freight drivers about people crossing the bridge at Emerson
 - o Freight drivers have limited visibility while turning right

General Feedback

- Concern about constructability of the mid-level moveable bridge replacement
- Interest in understanding the challenges of a tunnel option
- Would like information about in-water touchdown points and impacts
- Interest in an independent bridge for people who walk and bike
- Interest in ship canal crossing height requirements for fixed structures

Feedback received during the technical workshop will be considered by the technical team as they continue to develop and refine the feasible alternatives, associated risks, opportunities, and trade-offs.

APPENDICES

Annandiy A. Dowar Point Presentation

Appendix A: PowerPoint Presentation	p. 7
Appendix B: Display Boards	p. 15
Appendix C: Roll Plots	p. 16
Appendix D: Invitation Email	p. 20



Welcome!

Project Team

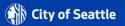
- Wes Ducey, SDOT Project Manager
- Moein El-Aarag, Project Manager
- · Matt Baughman, Consultant, Structures Lead
- · Marni Heffron, Consultant, Traffic Lead
- · Lisa Reid, Consultant, Civil Engineering Lead
- Kate Graham & Jasmine Beverly, Consultant, Outreach & Communications

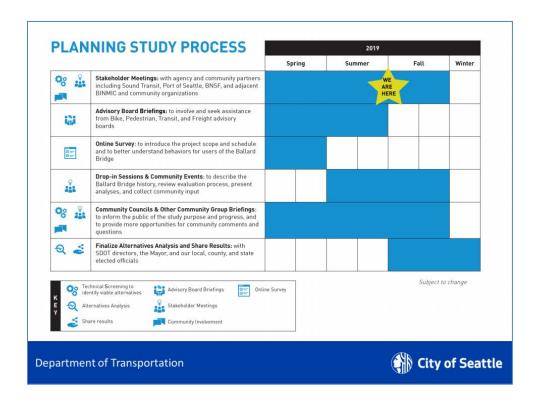
Stakeholders – Please introduce yourselves



Agenda

10:30 – 10:40 AM	Welcome and Introductions
10:40 – 10:50 AM	Ballard Bridge Planning Updates
10:50 – 11:00 AM	Overview of Three Bridge Options
11:00 AM – 12:30 PM	Small Group Discussions on Bridge Options (40 minutes each for north end and south ends + 10-min break)
12:30 – 12:45 PM	Report Out & Summarize
12:45 – 1:00 PM	Next Steps and Adjourn

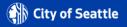


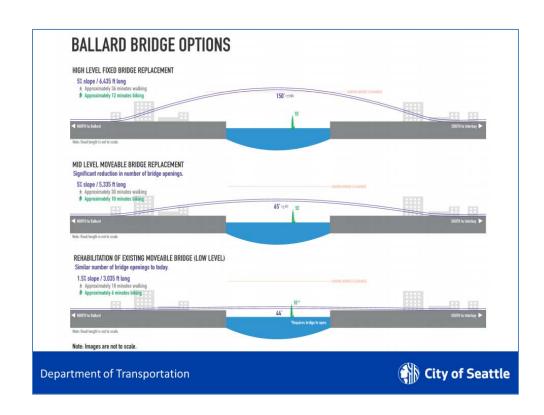


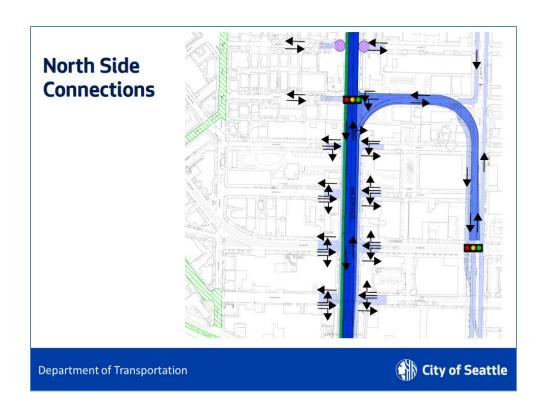
What We've Heard

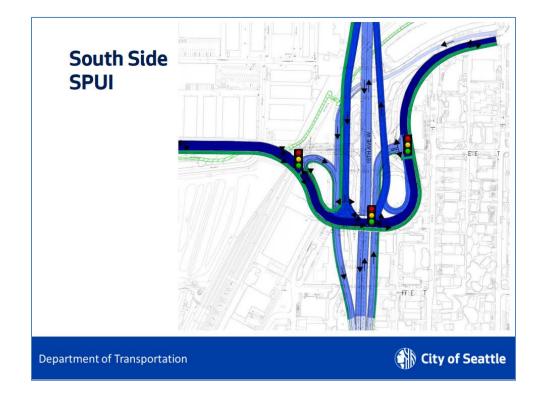
Key takeaways from Online Community Survey and July Drop-In Session

- Improve accessibility for people walking and biking across the bridge
- Improve marine traffic access (reduce wait times and marine traffic congestion)
- Reduce bridge openings during peak hours
- Widen travel lanes on the bridge to accommodate larger vehicles, including buses, trucks, and other freight vehicles
- Ensure coordination with Sound Transit's future Ballard Link Extension









Considerations

- Geometric Feasibility
- Structural Design
- Constructability and **Construction Impacts**
- Bike & Pedestrian Safety
- Adjacent Project Coordination
 Environmental Impacts
- Cost

- Multimodal Mobility and Connectivity
- Transit and Freight Reliability
- Industrial Operations
- Marine Traffic Impacts

Department of Transportation



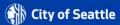
Ground rules for discussion

- Engage in active listening (please limit phone time)
- Act and communicate with respect
- Share "air time": Ask yourself W.A.I.T= Why Am I Talking?
- Commit to being open to new concepts and ideas
- Use "I" statements/speak for yourself & from your own experiences
- Critique ideas, not people
- The goal is not to agree -- it is to gain a deeper understanding



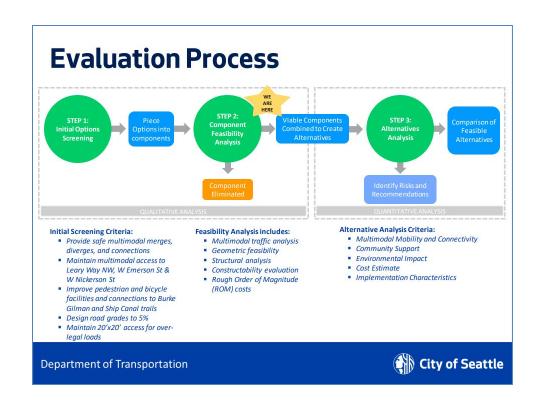
BREAK OUT SESSION BEGINS

Department of Transportation



SHARE OUT AND REPORT BACK





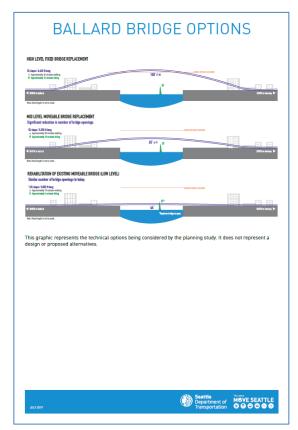
Next steps

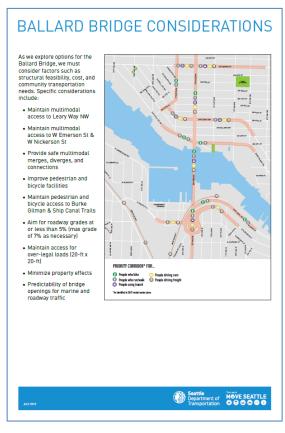
Date	Activity/Action
October 2019	Public Drop-In Sessions
Winter 2019	Draft Alternative Comparison Report



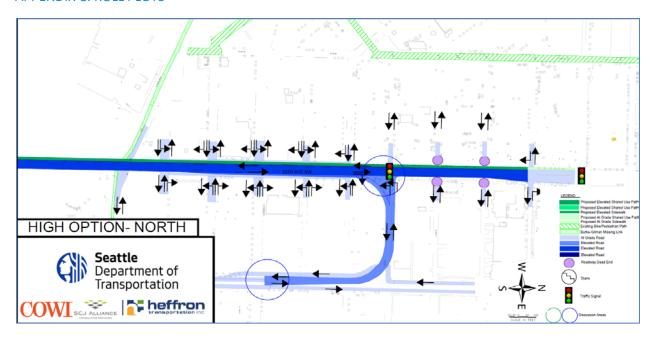


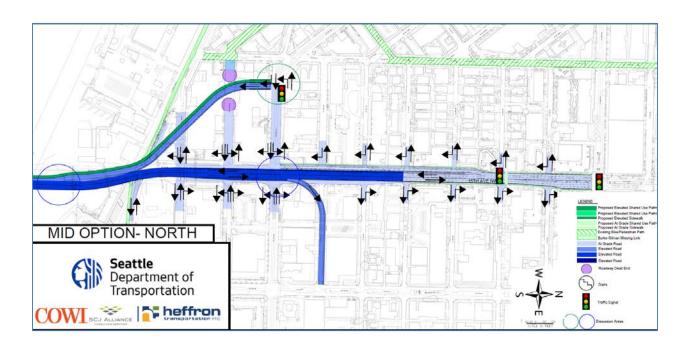




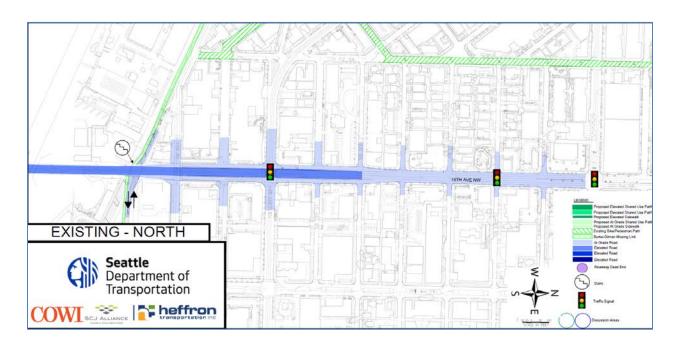


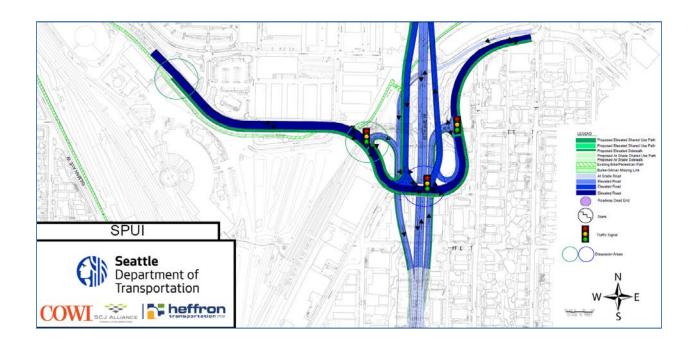
APPENDIX C: ROLL PLOTS

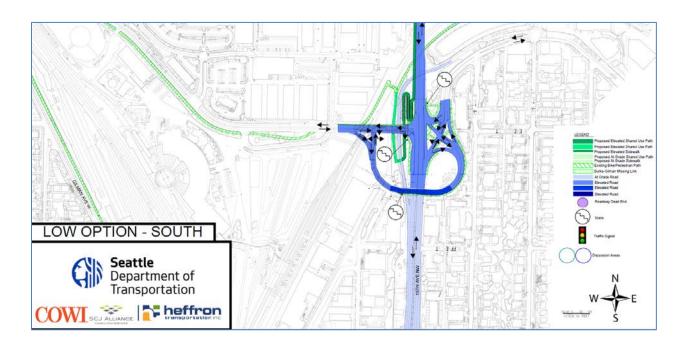


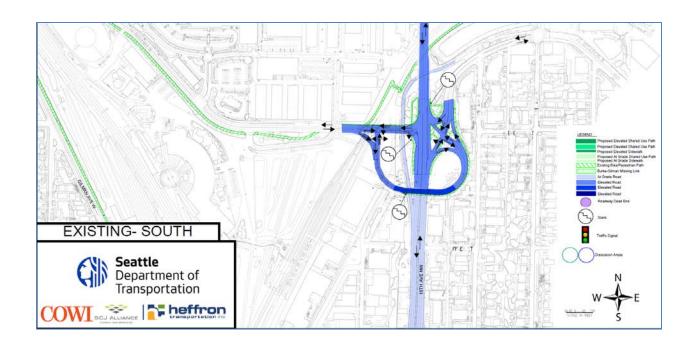












APPENDIX D: INVITATION

Dear Ballard Bridge Stakeholders,

We've kicked-off the long-term <u>Ballard Bridge Planning Study</u>, which explores feasible rehabilitation and replacement options and evaluates how to bring the bridge up to current transportation, functional, and structural standards.

Come to our upcoming Ballard Bridge Planning Study technical workshop on Thursday, September 12th from 10:30 AM - 1:00 PM at the Ballard Library to:

- · Learn where we've been and what we've heard
- Discuss technical screening findings
- · Share insights into multi-modal routes and connections
- Give input on feasible options
- Hear what's next

The planning study began with an online survey followed by a public drop-in session to better understand what community members need, value, and envision for the bridge. As we continue to receive and review community feedback, we'll evaluate cost-effective and constructible structure types. Through the end of the year, we'll work with our agency partners, advisory boards, and community members to propose options that meet these standards and community needs. The final, feasible options will be compared among their associated costs, risks, benefits, and other trade-offs.

This study will not recommend a preferred alternative but rather provide a comparison of feasible alternatives as we coordinate with our elected officials in evaluating funding options.

Be on the lookout for an outlook invitation along with the meeting's agenda.

Thank you, Wes Ducey

Outreach Team

<u>Ballard Bridge Planning Study</u>

206-775-8894

<u>BallardBridge@seattle.gov</u>

Invitation sent to:

Sean Cryan	Connect Ballard
Haley Woods	Peddler Brewing/Connect Ballard
Vicky Clarke	Cascade Bicycle Club
Mike Stewart	Ballard Alliance
Larry Ward	Pacific Fisherman Shipyard
Ron Hildebrandt	Trident Seafoods
Eric Gier	Un-Cruise Adventures
Christine Wolf	The Northwest Seaport Alliance
Eugene Wasserman	North Seattle Industrial Association
Warren Aakervik	Ballard Oil
Ray Giometti	Port of Seattle, Fisherman's Terminal
Delmas Whittaker	Port of Seattle, Fisherman's Terminal
Geri Poor	Port of Seattle
Emily Payne	Seattle Bicycle Advisory Board
Jeanne Acutanza	Seattle Freight Advisory Board
David Seater	Seattle Pedestrian Advisory Board
John Marek	SDOT
Venu Nemani	SDOT – Freight Advisory Board Liaison
Serena Lehman	SDOT – Bicycle Advisory Board Liaison
Belen Herrera	SDOT – Pedestrian Advisory Board Liaison
Kit Loo	SDOT
Diane Wiatr	SDOT
Jonathan Lewis	SDOT