



# Ballard-Interbay Regional Transportation System (BIRT) Draft Projects

## Welcome!

1. Please provide your email address if you'd like a reminder to complete this survey another time or would like to receive an invitation to our live virtual presentations on Wednesday, July 29 or Thursday, August 6.

Email Address

In late 2019, the Washington State Legislature asked the City of Seattle Department of Transportation (SDOT) to develop a report on how to improve travel for people and goods in Ballard-Interbay. The study area for the Ballard-Interbay Regional Transportation System (BIRT) project is:

- Market Street to the north
- Pier 91 and the Expedia campus to the south
- 10th Avenue West to the east
- 28th Avenue West to the west







## **Ballard-Interbay Regional Transportation System (BIRT) Draft Projects**

### **About the Project**

This project is a technical study to explore ways to improve mobility in Ballard-Interbay and to identify a potential timeline for replacement of the Ballard Bridge and the Magnolia Bridge, which was damaged in the 2001 Nisqually earthquake. The Seattle Department of Transportation is to develop recommendations to Seattle City Council, King County Council, and transportation committees in the State Legislature to maintain current and future capacities for people and freight.

This study will not determine the final bridge replacement alternatives, nor establish a date for their replacement.

As of July 2020, we have gathered input from the community and an interagency team, reviewed previous plans and studies, established goals and evaluation metrics, and forecasted future travel demand for the year 2042. We have studied the area's transportation network gaps, issues, and opportunities, and evaluated potential projects to address these needs.

Now, we want your input on draft projects for people walking, biking, riding transit, and driving cars and freight in and through the study area.

JANUARY -  
MARCH

### Review Existing Plans & Previous Studies

- Summarize findings and document guiding assumptions



APRIL -  
JUNE

### Forecast & Assess Multimodal Integration

- Forecast future conditions
- Assess traffic, freight, and multimodal strategies



JULY -  
AUGUST

### Analyze Impacts & Benefits of Bridge & System

- Conduct social and economic cost/benefits analysis



SEPTEMBER

### Bridge Replacement Timeline & Funding Strategy

- Develop timeline and funding approach for replacement of bridges



OCTOBER -  
NOVEMBER

### Report to WA Legislature

- Draft in October, submit November 1, 2020



We are also meeting with and surveying targeted stakeholders in the study area, including manufacturing and maritime industry workers, advocates for neighborhood greenways, and the City's advisory boards for biking and freight.

Learn more about work completed to date on the project website.

- **Plan and Document Review:** A comprehensive review of existing plans and project recommendations relevant to the study area's transportation networks and investments, land use, and development.
- **Multimodal Needs Assessment:** An analysis of network gaps, issues, and opportunities for every type of travel, including walking, biking, transit, and driving and freight.
- **Methods and Assumptions Memo:** Documentation of the project's goals, evaluation criteria, and methodologies for modeling future transportation networks and development scenarios.



## Ballard-Interbay Regional Transportation System (BIRT) Draft Projects

### Draft Project Development

We used the needs assessment and the sources shown in the table below—previous studies, anticipated developments, and public and stakeholder input—to create a master list of projects. The team evaluated those projects against the project’s goals to see which might best serve Ballard-Interbay’s current and future mobility needs. We now have a draft list of recommended projects ready for your review and input.

<b>Previous Plans and Studies (2000-2020)</b> 	<b>New or Anticipated Developments</b> 	<b>Public and Stakeholder Input</b> 
<ul style="list-style-type: none"> <li>• Ballard Bridge Planning Study</li> <li>• Magnolia Bridge Planning Study</li> <li>• Bicycle, Pedestrian, Freight, and Transit Master Plans</li> <li>• Trails Upgrade Plan</li> <li>• Move Ballard</li> <li>• Burke-Gilman Trail Missing Link</li> <li>...and many others</li> </ul>	<ul style="list-style-type: none"> <li>• The Armory Development</li> <li>• Terminal 91</li> <li>• Expedia Campus</li> <li>• Fisherman’s Terminal Redevelopment</li> <li>• Sound Transit’s West Seattle &amp; Ballard Link Extension</li> </ul>	<ul style="list-style-type: none"> <li>• Public comments and emails</li> <li>• Public meetings (February)</li> <li>• Interagency Team Meetings</li> <li>• City of Seattle Freight and Bicycle Advisory Boards</li> <li>• Manufacturing and maritime industry businesses</li> <li>• Magnolia Community Council</li> <li>• Seattle Neighborhood Greenways</li> </ul>

Supporting and enhancing a regional transportation system takes all types of projects. We started with more than 80 projects—for people walking, biking, taking transit, and driving cars and trucks—and are sharing the top 50% for your review. No one project alone is “the best,” and we focused our evaluation on identifying those that appear to be the highest performing to help meet our goals.

\* 2. The following project goals inform the performance measures and evaluation criteria used to score the potential projects. **Please rank the goals in the order of importance to you (1 = most important, 4= least important).**



**Goal 1. Improve mobility for people and freight:** Increase people's ability to move efficiently in the study area, and accommodate the movement of freight and goods.



**Goal 2. Provide a system that safely accommodates all travelers:** Protect the more vulnerable travelers who walk, bike, and use transit, as well as drivers of cars and freight.



**Goal 3. Advance projects that meet the needs of communities of color and those of all incomes, abilities, and ages:** Build a more racially equitable and socially just transportation system.





**Goal 4. Support timely and coordinated implementation:** Maintain the current and future capacities of the Ballard and Magnolia Bridge replacement alternatives and improve other elements of a connected transportation system.





## **Ballard-Interbay Regional Transportation System (BIRT) Draft Projects**

### **Travel Characteristics**

Please answer the following questions about your relationship to the Ballard-Interbay area before we ask for your feedback on projects.

**3. What is your relationship to the Ballard-Interbay area? *Please select all that apply.***

- Business owner
- Employee
- Resident
- Visitor for work trips (e.g., supplier, distributor)
- Visitor for personal trips (e.g., shopping, dining, recreation)
- Other (please specify)

**4. Which of the following do you use to travel to or within the Ballard-Interbay area? *Please select all that apply.***

- Walk
- Mobility aid (such as wheelchair, walker, motorized chair, cane)
- Public transit (bus, ACCESS paratransit)
- Car or other personal motor vehicle
- Something else not listed here (please specify)
- Freight truck or delivery vehicle
- Bike, e-bike, or e-scooter
- Ridehail vehicle (taxi, Uber/Lyft)

**5. How did you find out about the project? *Please select all that apply.***

SDOT website or project listserv

Social media

Friends or family

Poster in the neighborhood

Other (please specify)



## **Ballard-Interbay Regional Transportation System (BIRT) Draft Projects**

### **Preliminary Projects**

SDOT seeks your input on potential projects to improve mobility for people and goods in Ballard-Interbay. The BIRT system project looks out to 2042. We assume that both the Magnolia Bridge and the Ballard Bridge will have been replaced or rehabilitated by then. This study uses the two most viable alternatives for each bridge based upon previous studies and public input.

Learn more about the most recent bridge replacement studies:

- [\*\*Magnolia Bridge Planning Study\*\*](#)
- [\*\*Ballard Bridge Planning Study\*\*](#)

\* 6. The preliminary projects shown in the interactive map linked at the end of this survey represent several categories of improvements. **Which categories of improvements are most important throughout the BIRT study area? *Please select your top three (3).***

- Bicycle and pedestrian connections over physical barriers (e.g., railroad tracks, water, roadways)
- Pedestrian crossings of roadways (e.g., more signalized crossings, crosswalk visibility)
- Bicycle and pedestrian connections to fill in network gaps (e.g., bike lanes, sidewalks, trails)
- Intersection safety
- Transit priority and speed and reliability improvements
- Amenities for transit passengers (e.g., lighting at stops, shelters at stops and stations)
- Connections to future Link stations (Ballard, Interbay, and Smith Cove)
- Reduce delay for driving and freight
- Roadway design for safe freight movements
- Ballard Bridge replacement
- Magnolia Bridge replacement
- Other (please specify)



## Ballard-Interbay Regional Transportation System (BIRT) Draft Projects

### Demographic Information

Providing information about yourself is optional. We collect this information to help ensure that survey responses reflect the demographics of the study area and those who travel to and through it. Information you share with us—including demographic information—is public record and subject to disclosure if requested. Click [here](#) to skip ahead to the interactive map to review the draft projects in more detail.

#### 7. What is your gender identity?

- Female
- Male
- Non-binary/third gender
- Prefer not to say
- Prefer to self-describe (please specify)

#### 8. What is your age?

- |                                |   |
|--------------------------------|---|
| <input type="radio"/> Under 18 | <input type="radio"/> 45-54             |
| <input type="radio"/> 18-24    | <input type="radio"/> 55-64             |
| <input type="radio"/> 25-34    | <input type="radio"/> 65+               |
| <input type="radio"/> 35-44    | <input type="radio"/> Prefer not to say |

**9. What is your race/ethnicity?**

- |   |  |
|---|--|
| <input type="checkbox"/> American Indian or Alaska Native | <input type="checkbox"/> Middle Eastern or North African           |
| <input type="checkbox"/> Chinese                          | <input type="checkbox"/> Black or African American                 |
| <input type="checkbox"/> Other East Asian                 | <input type="checkbox"/> Somali                                    |
| <input type="checkbox"/> Filipino                         | <input type="checkbox"/> Other African                             |
| <input type="checkbox"/> Vietnamese                       | <input type="checkbox"/> Hispanic, Latino, or Spanish              |
| <input type="checkbox"/> Other Southeast Asian            | <input type="checkbox"/> Native Hawaiian or other Pacific Islander |
| <input type="checkbox"/> South Asian                      | <input type="checkbox"/> White                                     |

**10. Do you have any conditions that impact your mobility? Examples include chronic pain, use of cane or walker, reduced vision, etc.**

- No
- Yes

If you answered 'Yes', please specify.

Thank you! Visit the [interactive map](#) to learn more about projects and provide input!