



2009



US Army Corps of Engineers  
Seattle District

# WASHINGTON STATE Joint Aquatic Resources Permit Application (JARPA) Form [\[help\]](#)

AGENCY USE ONLY

Date received: \_\_\_\_\_

Agency reference #: \_\_\_\_\_

Tax Parcel #(s): \_\_\_\_\_

USE BLACK OR BLUE INK TO ENTER ANSWERS IN WHITE SPACES BELOW.

## Part 1—Project Identification

Unique project information that makes it easy to identify. [\[help\]](#)

**1a. Unique Project Identifier Number (UPI #)** [\[help\]](#)

- Don't have one yet? Get one at <http://www.epermitting.wa.gov> or call the Washington Governor's Office of Regulatory Assistance at (800) 917-0043.

965246-09-01

**1b. Project Name** (Examples: Smith's Dock or Seabrook Lane Development) [\[help\]](#)

I-90 and SR 520 Lake Washington Congestion Management Sign Bridges Project

## Part 2—Applicant

The person or organization legally responsible for the project. [\[help\]](#)

**2a. Name** (Last, First, Middle) and Organization (if applicable)

Att: Washington State Department of Transportation (WSDOT) Urban Corridors Office (UCO)

**2b. Mailing Address** (Street or PO Box)

401 Second Avenue S., Suite 300

**2c. City, State, Zip**

Seattle, WA 98104

<b>2d. Phone (1)</b>	<b>2e. Phone (2)</b>	<b>2f. Fax</b>	<b>2g. E-mail</b>
	( )		

## Part 3—Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b. of this application.) [\[help\]](#)

**3a. Name** (Last, First, Middle) and Organization (if applicable)

WSDOT

**3b. Mailing Address** (Street or PO Box)

401 Second Avenue S., Suite 300

**3c. City, State, Zip**

Seattle WA 98104

<b>3d. Phone (1)</b>	<b>3e. Phone (2)</b>	<b>3f. Fax</b>	<b>3g. E-mail</b>
	( )		

## Part 4—Property Owner(s) [help]

Contact information for people or organizations owning the property(ies) where the project will occur. [help]

Same as applicant. (Skip to Part 5.)

Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)

There are multiple property owners. Complete the section below and use JARPA Attachment A for each additional property owner.

<b>4a. Name (Last, First, Middle) and Organization (if applicable)</b>			
<b>4b. Mailing Address (Street or PO Box)</b>			
<b>4c. City, State, Zip</b>			
<b>4d. Phone (1)</b>	<b>4e. Phone (2)</b>	<b>4f. Fax</b>	<b>4g. E-mail</b>
(   )	(   )	(   )	



## Part 5—Project Location

Identifying information about the property or properties where the project will occur. [\[help\]](#)

- There are multiple properties or project locations (e.g., linear projects). Complete the section below and use [JARPA Attachment B](#) for each additional property.

<b>5a. Street Address</b> (Cannot be a PO Box. If there is no address, provide other location information in 5n.) <a href="#">[help]</a>			
I-90 MP 4.51, MP 9.48 & MP 9.49			
<b>5b. City, State, Zip</b> (If the project is not in a city or town, provide the name of the nearest city or town.) <a href="#">[help]</a>			
Cities of Seattle & Bellevue, WA			
<b>5c. County</b> <a href="#">[help]</a>			
King			
<b>5d. Provide the section, township, and range for the project location.</b> <a href="#">[help]</a>			
<b>¼ Section</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>
SW	Sec.3	T. 24 N.	R. 4 E.
SW	Sec. 8	T. 24 N.	R. 5 E.
<b>5e. Provide the latitude and longitude of the project location.</b> <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>Example: 47.03922 N lat. / -122.89142 W long</li> </ul>			
47.5903 N lat \ -122.2889 W long & 47.58 N lat \ -122.1746 W long			
<b>5f. List the tax parcel number(s) for the project location.</b> <a href="#">[help]</a>			
<ul style="list-style-type: none"> <li>The local county assessor's office can provide this information.</li> </ul>			
WSDOT ROW			
<b>5g. Indicate the type of ownership of the property.</b> (Check all that apply.) <a href="#">[help]</a>			
<input type="checkbox"/> State Owned Aquatic Land <input type="checkbox"/> Tribal <input type="checkbox"/> Private <input checked="" type="checkbox"/> Other publicly owned (federal, state, county, city, special districts like schools, ports, etc.)			

<b>5h. Contact information for all adjoining property owners, lessees, etc.</b> (If you need more space, use <a href="#">JARPA Attachment C.</a> ) <a href="#">[help]</a>		
<b>Name</b>	<b>Mailing Address</b>	<b>Tax Parcel # (if known)</b>
NA		

**5i.** Is any part of the project area within a 100-year flood plain? [\[help\]](#)

Yes     No     Don't know    I-90 in the project vicinity crosses the floodplains of Richards Creek and Mercer Slough, but there will be no floodplain impacts from the project

**5j.** Briefly describe the vegetation and habitat conditions on the property. [\[help\]](#)

Where I-90 crosses land, the vegetation is largely landscaped/maintained vegetation typical of urban environments.

Where I-90 crosses the Mercer Slough, the habitat is a large mixed wetland associated with a large lake, containing emergent, scrub shrub and forested vegetation.

In other areas of the project the highway crosses Lake Washington, which is open water.

**5k.** Describe how the property is currently used. [\[help\]](#)

Urban residential, open water, and protected wetland complexes.

**5l.** Describe how the adjacent properties are currently used. [\[help\]](#)

Adjacent properties are primarily urban residential.

**5m.** Describe the structures (above and below ground) on the property, including their purpose(s). [\[help\]](#)

I-90 Elevated Structures; 90/25N Homer M Hadley Bridge, 90/43N & 90/43S

**5n.** Provide driving directions from the closest highway to the project location, and attach a map. [\[help\]](#)

I-90 can be reached from Northbound I-5 Exit 164A, and from Southbound I-5 Exit 164.



## Part 6–Project Description

**6a.** Summarize the overall project. You can provide more detail in 6d. [\[help\]](#)

One (1) monotube sign bridge with Variable Speed Limits (VSL) signs (one VSL sign for each lane) will be installed on the westbound lanes of I-90 at milepost 4.51 located on the Lake Washington Bridge. At MP 9.48 & MP 9.49 (vicinity of the Mercer Slough), a permanent sign bridge will be installed at each location.

Concrete pedestals will be added to the bridge to support the sign posts at MP 4.51, MP 9.48 and MP 9.49. Portions of the existing bridge barrier and bridge rail will be removed and replaced during construction.

Other work will include communication and power conduit and cabling from both of the VSL locations to new transformers, cabinets and associate junction boxes and cable vaults located west of the bridge in the vicinity of the I-90 Mt. Baker tunnels.

**6b.** Indicate the project category. (Check all that apply.) [\[help\]](#)

- Commercial   
  Residential   
  Institutional   
  Transportation   
  Recreational  
 Maintenance   
  Environmental Enhancement

**6c.** Indicate the major elements of your project. (Check all that apply.) [\[help\]](#)

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Aquaculture          | <input type="checkbox"/> Culvert              | <input type="checkbox"/> Float                   | <input type="checkbox"/> Road                          |
| <input type="checkbox"/> Bank Stabilization   | <input type="checkbox"/> Dam / Weir           | <input type="checkbox"/> Geotechnical Survey     | <input type="checkbox"/> Scientific Measurement Device |
| <input type="checkbox"/> Boat House           | <input type="checkbox"/> Dike / Levee / Jetty | <input type="checkbox"/> Land Clearing           | <input type="checkbox"/> Stairs                        |
| <input type="checkbox"/> Boat Launch          | <input type="checkbox"/> Ditch                | <input type="checkbox"/> Marina / Moorage        | <input type="checkbox"/> Stormwater facility           |
| <input type="checkbox"/> Boat Lift            | <input type="checkbox"/> Dock / Pier          | <input type="checkbox"/> Mining                  | <input type="checkbox"/> Swimming Pool                 |
| <input type="checkbox"/> Bridge               | <input type="checkbox"/> Dredging             | <input type="checkbox"/> Outfall Structure       | <input type="checkbox"/> Utility Line                  |
| <input type="checkbox"/> Bulkhead             | <input type="checkbox"/> Fence                | <input type="checkbox"/> Piling                  |  |
| <input type="checkbox"/> Buoy                 | <input type="checkbox"/> Ferry Terminal       | <input type="checkbox"/> Retaining Wall (upland) |  |
| <input type="checkbox"/> Channel Modification | <input type="checkbox"/> Fishway              |  |  |

Other: Sign Bridge Placement on existing bridges



**6d.** Describe how you plan to construct each project element checked in 6c. Include specific construction methods and equipment to be used. [\[help\]](#)

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year flood plain.

The sign bridge to be constructed on Westbound I-90, MP 4.51, over Lake Washington, is a simple post and beam design. The columns and beam will be delivered by flatbed and erected on site with a crane. The sign bridge pedestal foundations will be constructed from the roadway deck and from the underside of the bridge using scaffolding attached to the bridge column to support formwork. The pier cap will be thickened with reinforced concrete and new reinforced concrete pedestals will be poured from the roadway deck. Barges will be used for delivery of materials, equipment, and personnel to the underside of the bridge for erection of the scaffolding system. The electronic VSL signs will be added to the new sign bridge structure at a different time; installation will occur from the roadway deck by crane.

There are two additional sign bridges to be constructed on I-90 in the vicinity of the Mercer Slough, using the same post and beam design and construction method. The sign bridge on Eastbound I-90 at MP 9.48, will be constructed entirely from the bridge deck. The sign bridge on Westbound I-90 at MP 9.49, will be constructed using scaffolding resting on a work platform which will sit on the existing I-90 bridge piers.

The Mercer Slough location (MP 9.48 and MP 9.49) is within the 100 year flood plain.

WSDOT will require a Spill Prevention Control and Countermeasure (SPCC) plan, a Temporary Erosion and Sedimentation Control (TESC) plan, and a safety plan that meet industry standards. Spills and construction debris shall be addressed through the SPCC plan per the Standard Specifications. WSDOT will ensure spill prevention and control countermeasures through the normal contract methods.

Some of the BMPs that may be used to prevent materials from entering the water are tarps, vacuums, sweeper trucks, spill kits, and drain outlet protection. The type of equipment likely to be used during construction is listed below:

Assorted trucks: includes work trucks  
Front end loader  
Forklift  
Scissor lift  
Backhoe  
UBIT Inspection Vehicle

**6e.** What are the start and end dates for project construction? (month/year) [\[help\]](#)

- If the project will be constructed in phases or stages, use [JARPA Attachment D](#) to list the start and end dates of each phase or stage.

Start date: July 2009

End date: September 2010

See JARPA Attachment D

**6f.** Describe the purpose of the work and why you want or need to perform it. [\[help\]](#)

All permanent and temporary sign structures will be constructed with the purpose of implementing an active traffic management "speed harmonization" system along I-90 and SR 520. This project will construct the gantries and civil components and a subsequent Design Build project will procure signing and provide the electrical and communication elements.

**6g.** Fair market value of the project, including materials, labor, machine rentals, etc. [\[help\]](#)

\$15.7 million

**6h.** Will any portion of the project receive federal funding? [\[help\]](#)

- If yes, list each agency providing funds.



Yes    No    Don't know

State TPA

Federal

## Part 7—Wetlands: Impacts and Mitigation

Check here if there are wetlands or wetland buffers on or adjacent to the project area.  
(If there are none, skip to Part 8.)

**7a.** Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [\[help\]](#)

Not applicable

Construction activities will take place primarily on existing bridge structures. In one location where I-90 crosses Mercer Slough, it will be necessary to work from scaffolding to install sign gantries. The scaffolding will be supported by a platform built on the bridge footings to avoid wetland impacts.

**7b.** Will the project impact wetlands? [\[help\]](#)

Yes    No    Don't know

**7c.** Will the project impact wetland buffers? [\[help\]](#)

Yes    No    Don't know

**7d.** Has a wetland delineation report been prepared? [\[help\]](#)

- If yes, submit the report, including data sheets, with the JARPA package.

Yes    No

**7e.** Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [\[help\]](#)

- If yes, submit the wetland rating forms and figures with the JARPA package.

Yes    No    Not applicable

**7f.** Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [\[help\]](#)

- If yes, submit the plan with the JARPA package.

Yes    No    Not applicable

**7g.** Use the table below to list the type and rating of each wetland that will be impacted; the extent and duration of the impact; and the type and amount of compensatory mitigation proposed. If you are submitting a compensatory mitigation plan with a similar table, you may simply state (below) where we can find this information in the mitigation plan. [\[help\]](#)

Activity causing impact (fill, drain, excavate, flood, etc.)	Wetland type and rating category <sup>1</sup>	Impact area (sq. ft. or acres)	Duration of impact <sup>2</sup>	Proposed mitigation type <sup>3</sup>	Wetland mitigation area (sq. ft. or acres)
NA					

<sup>1</sup> Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

<sup>2</sup> Indicate the time (in months or years, as appropriate) the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

<sup>3</sup> Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: N.

**7h.** For all filling activities identified in 7g., describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [\[help\]](#)

NA

**7i.** For all excavating activities identified in 7g., describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [\[help\]](#)

NA

**7j.** Summarize what the compensatory mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [\[help\]](#)

NA

**Part 8–Waterbodies (other than wetlands): Impacts and Mitigation**

In Part 8, “waterbodies” refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [\[help\]](#)

Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

**8a.** Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [\[help\]](#)

Not applicable

Work is to be done on and adjacent to the I-90 floating bridge over Lake Washington, a non-wetland water body. Project design calls for most of the planned construction to take place from the bridge deck. There will be no in-water work. WSDOT will require a Spill Prevention Control and Countermeasure (SPCC) plan, a Temporary Erosion and Sedimentation Control (TESC) plan, and a safety plan that meet industry standards. Spills and construction debris shall be addressed through the SPCC plan per the Standard Specifications. WSDOT will ensure spill prevention and control countermeasures through the normal contract methods.

Some of the BMPs that may be used to prevent materials from entering the water are tarps, vacuums, sweeper trucks, spill kits, and drain outlet protection.

**8b.** Will your project impact a waterbody or the area around a waterbody? [\[help\]](#)

Yes  No



**8c.** Summarize impact(s) to each waterbody in the table below. [\[help\]](#)

Activity causing impact (clear, dredge, fill, pile drive, etc.)	Waterbody name	Impact location <sup>1</sup>	Duration of impact <sup>2</sup>	Amount of material to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
NA					

<sup>1</sup> Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.

<sup>2</sup> Indicate the time (in months or years, as appropriate) the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

**8d.** Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [\[help\]](#)

- If yes, submit the plan with the JARPA package.

Yes    No    Not applicable

**8e.** Summarize what the compensatory mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7j., you do not need to restate your answer here. [\[help\]](#)

NA

**8f.** For all activities identified in 8c., describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [\[help\]](#)

NA

**8g.** For all excavating or dredging activities identified in 8c., describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [\[help\]](#)

NA



## Part 9—Additional Information.

Any additional information you can provide helps the reviewer(s) understand your project.

<b>9a.</b> If you have already worked with any government agencies on this project, list them below. <a href="#">[help]</a>			
Agency Name	Contact Name	Phone	Most Recent Date of Contact
WDFW	Steve Bell	(360) 789-2426	03/03/09 email
City of Seattle	Maggie Glowacki	(206) 386 - 4036	03/16/09 exemption letter
<b>9b.</b> Are any of the wetlands or waterbodies identified in Part 7 or Part 8 on the Washington Department of Ecology's 303(d) List? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If <b>yes</b>, list the parameter(s) below.</li> <li>If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: <a href="http://www.ecy.wa.gov/programs/wq/303d/">http://www.ecy.wa.gov/programs/wq/303d/</a>.</li> </ul>			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>9c.</b> What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>Go to <a href="http://cfpub.epa.gov/surf/locate/index.cfm">http://cfpub.epa.gov/surf/locate/index.cfm</a> to help identify the HUC.</li> </ul>			
17110012032			
<b>9d.</b> What Water Resource Inventory Area Number (WRIA #) is the project in? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>Go to <a href="http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm">http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm</a> to find the WRIA #.</li> </ul>			
WRIA 8			
<b>9e.</b> Will the in-water construction work comply with the State of Washington water quality standards for turbidity? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>Go to <a href="http://www.ecy.wa.gov/programs/wq/swqs/criteria.html">http://www.ecy.wa.gov/programs/wq/swqs/criteria.html</a> for the standards.</li> </ul>			
<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not applicable			
<b>9f.</b> If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If you don't know, contact the local planning department.</li> <li>For more information, go to: <a href="http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html">http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html</a>.</li> </ul>			
<input type="checkbox"/> Rural <input checked="" type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input type="checkbox"/> Conservancy <input type="checkbox"/> Other _____			
<b>9g.</b> What is the Washington Department of Natural Resources Water Type? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>Go to <a href="http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/Ip_watertyping.aspx">http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/Ip_watertyping.aspx</a> for the Forest Practices Water Typing System.</li> </ul>			
<input type="checkbox"/> S <input checked="" type="checkbox"/> F <input type="checkbox"/> Np <input type="checkbox"/> Ns			
<b>9h.</b> Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? <a href="#">[help]</a> <ul style="list-style-type: none"> <li>If <b>no</b>, provide the name of the manual your project is designed to meet.</li> </ul>			
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> NA			
Name of manual:			



9i. If you know what the property was used for in the past, describe below. [\[help\]](#)

9j. Has a cultural resource (archaeological) survey been performed on the project area? [\[help\]](#)

- If yes, attach it to your JARPA package.

Yes  No

9k. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [\[help\]](#)

[Redacted]

9l. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [\[help\]](#)

[Redacted]

## Part 10—Identify the Permits You Are Applying For

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at <http://apps.ecy.wa.gov/opas/>.
- Governor's Office of Regulatory Assistance at (800) 917-0043 or [help@ora.wa.gov](mailto:help@ora.wa.gov).

<p><b>10a. Compliance with the State Environmental Policy Act (SEPA).</b> (Check all that apply.) [<a href="#">help</a>]</p> <ul style="list-style-type: none"> <li>• For more information about SEPA, go to <a href="http://www.ecy.wa.gov/programs/sea/sepa/e-review.html">www.ecy.wa.gov/programs/sea/sepa/e-review.html</a>.</li> </ul>
<p><input checked="" type="checkbox"/> A copy of the SEPA determination or letter of exemption is included with this application.</p>
<p><input type="checkbox"/> A SEPA determination is pending with _____ (lead agency). The expected decision date is _____.</p>
<p><input type="checkbox"/> I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.)</p> <ul style="list-style-type: none"> <li>• Submit the Fish Habitat Enhancement Project form with this application. The form can be found at <a href="http://www.epermitting.wa.gov/Portals/JarpaResourceCenter/images/default/fishenhancement.doc">http://www.epermitting.wa.gov/Portals/JarpaResourceCenter/images/default/fishenhancement.doc</a></li> </ul>
<p><input checked="" type="checkbox"/> This project is exempt (choose type of exemption below).</p> <p><input checked="" type="checkbox"/> Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt?  <u>WAC 197-11-800(2)(c)</u></p> <p><input type="checkbox"/> Other: _____</p>
<p><input type="checkbox"/> SEPA is pre-empted by federal law. [<a href="#">help</a>]</p>
<p><b>10b. Indicate the permits you are applying for.</b> (Check all that apply.) [<a href="#">help</a>]</p>
<p><b>LOCAL GOVERNMENT</b></p>
<p><b>Local Government Shoreline permits:</b></p> <p><input type="checkbox"/> Substantial Development    <input type="checkbox"/> Conditional Use    <input type="checkbox"/> Variance</p> <p><input checked="" type="checkbox"/> Shoreline Exemption Type (explain): <u>City of Seattle for work at MP 4.0 and 4.51</u></p>
<p><b>Other city/county permits:</b></p> <p><input type="checkbox"/> Floodplain Development Permit    <input type="checkbox"/> Critical Areas Ordinance</p>
<p><b>STATE GOVERNMENT</b></p>
<p><b>Washington Department of Fish and Wildlife:</b></p> <p><input checked="" type="checkbox"/> Hydraulic Project Approval (HPA)    <input type="checkbox"/> Fish Habitat Enhancement Exemption</p>
<p><b>Washington Department of Ecology:</b></p> <p><input type="checkbox"/> Section 401 Water Quality Certification</p>
<p><b>Washington Department of Natural Resources:</b></p> <p><input type="checkbox"/> Aquatic Resources Use Authorization</p>
<p><b>FEDERAL GOVERNMENT</b></p>
<p><b>United States Department of the Army permits (U.S. Army Corps of Engineers):</b></p> <p><input type="checkbox"/> Section 404 (discharges into waters of the U.S.)    <input type="checkbox"/> Section 10 (work in navigable waters)</p>
<p><b>United States Coast Guard permits:</b></p> <p><input type="checkbox"/> General Bridge Act Permit    <input type="checkbox"/> Private Aids to Navigation (for non-bridge projects)</p>



## Part 11—Authorizing Signatures

Signatures required before submitting the JARPA package.

### 11a. Applicant Signature (required) [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. \_\_\_\_\_ (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project.

\_\_\_\_\_  
Applicant

\_\_\_\_\_  
Date

### 11b. Authorized Agent Signature [\[help\]](#)

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

\_\_\_\_\_  
Authorized Agent

\_\_\_\_\_  
Date

### 11c. Property Owner Signature (if not applicant) [\[help\]](#)

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

\_\_\_\_\_  
Property Owner

\_\_\_\_\_  
Date

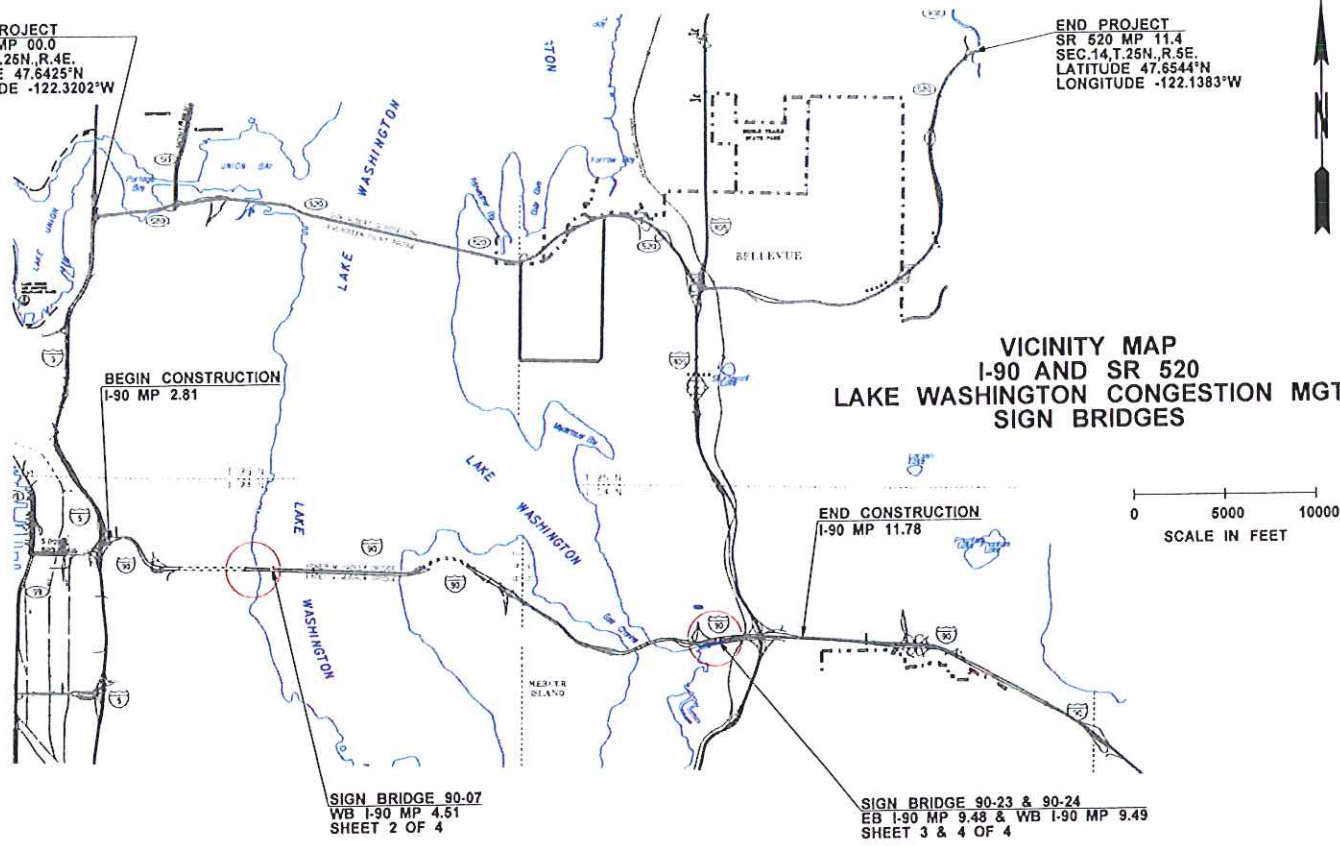
18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than \$10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact The Governor's Office of Regulatory Assistance (ORA). People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341.  
ORA publication number: ENV-019-09

BEGIN PROJECT  
 SR 520 MP 00.0  
 SEC. 20, T. 26N, R. 4E.  
 LATITUDE 47.6425°N  
 LONGITUDE -122.3202°W

END PROJECT  
 SR 520 MP 11.4  
 SEC. 14, T. 26N, R. 5E.  
 LATITUDE 47.6544°N  
 LONGITUDE -122.1383°W

VICINITY MAP  
 I-90 AND SR 520  
 LAKE WASHINGTON CONGESTION MGT  
 SIGN BRIDGES

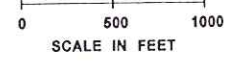
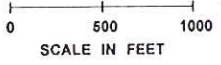
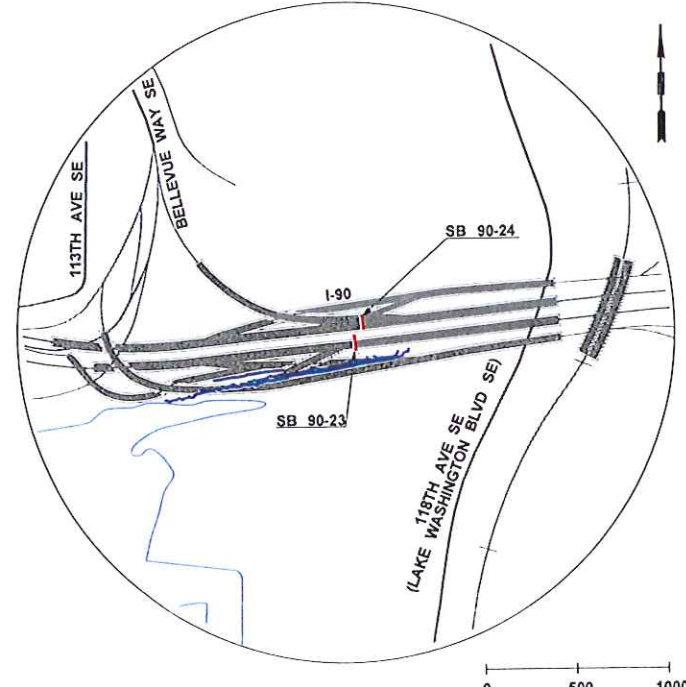
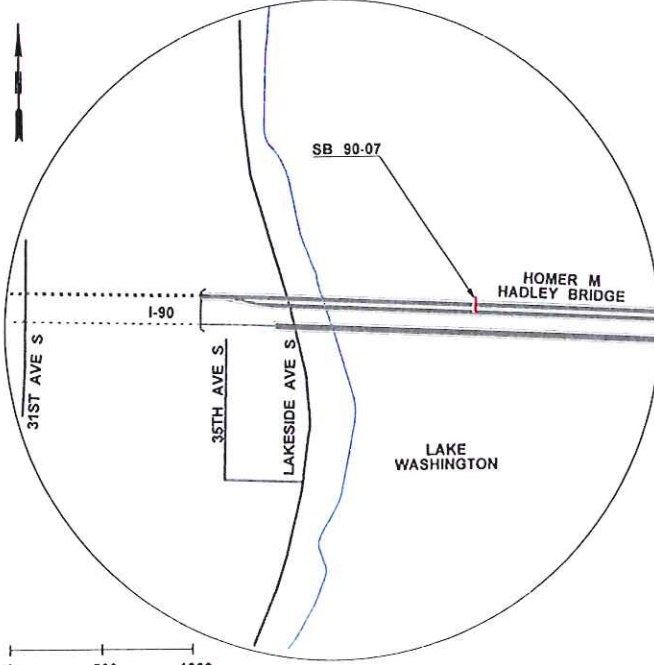
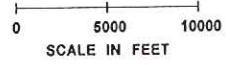


BEGIN CONSTRUCTION  
 I-90 MP 2.81

END CONSTRUCTION  
 I-90 MP 11.78

SIGN BRIDGE 90-07  
 WB I-90 MP 4.51  
 SHEET 2 OF 4

SIGN BRIDGE 90-23 & 90-24  
 EB I-90 MP 9.48 & WB I-90 MP 9.49  
 SHEET 3 & 4 OF 4



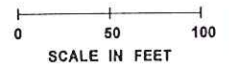
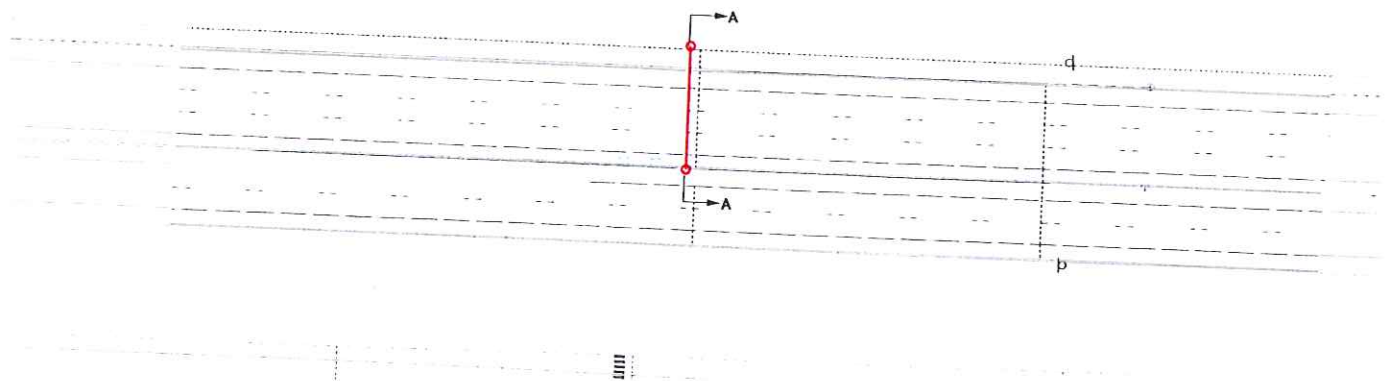
PURPOSE: IMPROVE SAFETY AND MOBILITY	REFERENCE:
PROPOSED: 28 SIGN BRIDGES ON I-90 & SR 520	APPLICANT: WSDOT
LOCATION:	COUNTY: KING COUNTY
DATUM:	NEAR:
	WATER BODY: N/A
	DATE: MAY 11, 2009



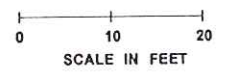
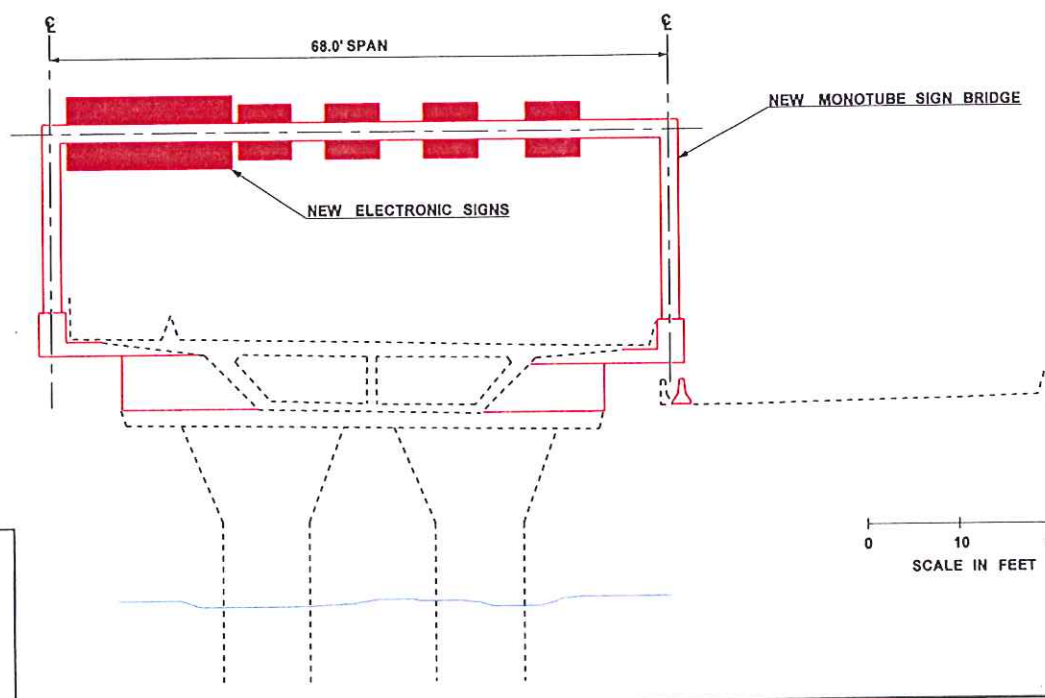
Washington State  
 Department of Transportation

SHEET: 1 OF: 4





SECTION A-A  
SB90-07  
WB I-90 MP 4.51



**LEGEND:**

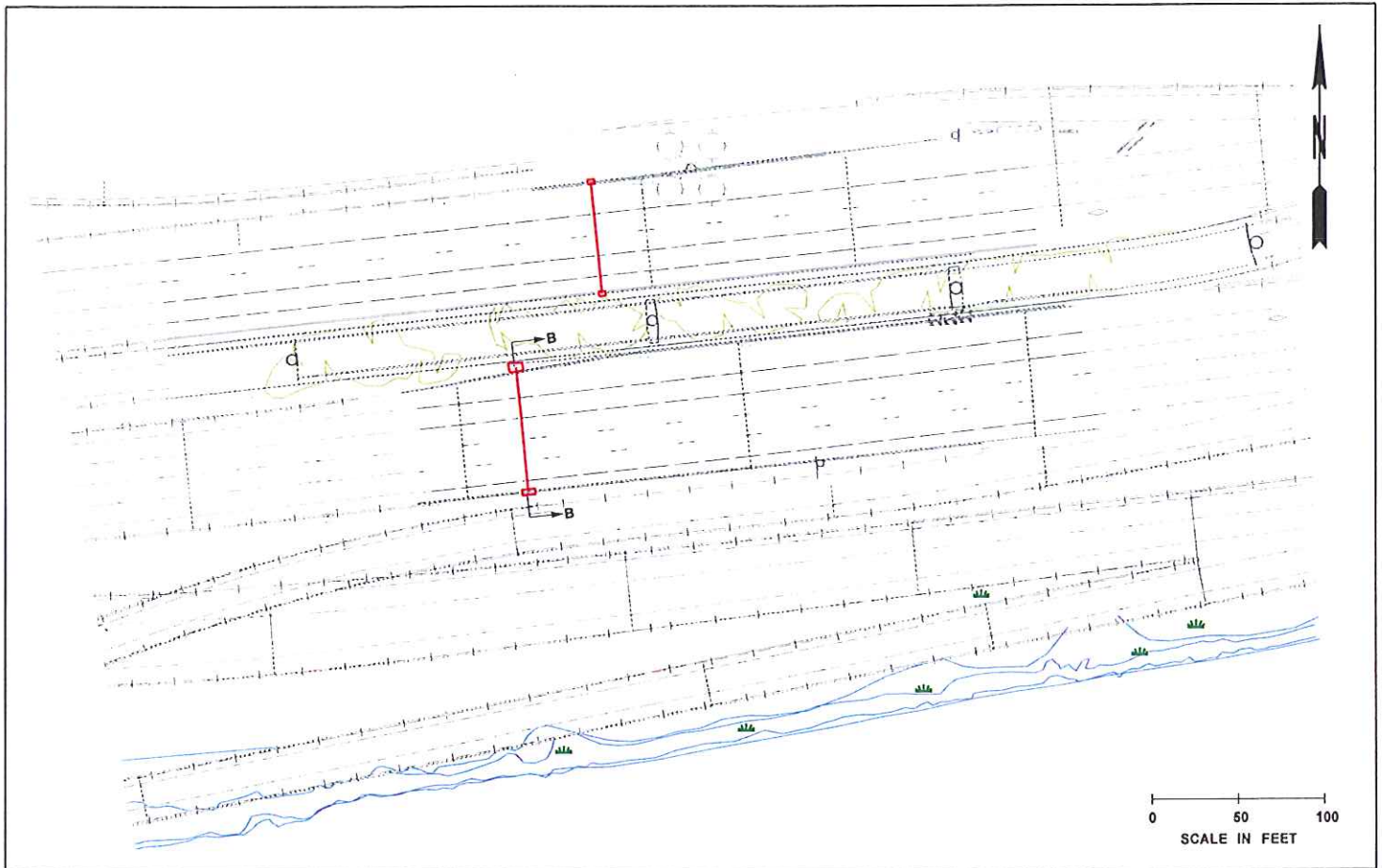
- NEW SIGN BRIDGE
- EXISTING CATCH BASIN
- WATER EDGE LINE

PURPOSE: IMPROVE SAFETY AND MOBILITY	REFERENCE:
PROPOSED: 28 SIGN BRIDGES ON I-90 & SR 520	APPLICANT: WSDOT
LOCATION: SEATTLE, WA	COUNTY: KING COUNTY
DATUM:	NEAR:
	WATER BODY: LAKE WASHINGTON
	DATE: MAY 11, 2009

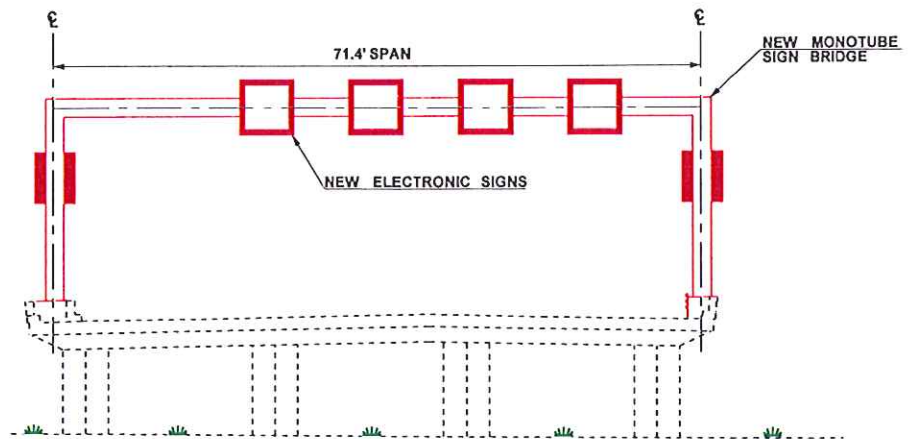


**Washington State**  
Department of Transportation

SHEET: 2 OF: 4



**SECTION B-B**  
**SB90-23**  
**EB I-90 MP 9.48**



— NEW  
 - - - - - EXISTING

**LEGEND:**

- NEW SIGN BRIDGE
- EXISTING CATCH BASIN
- EXISTING WETLAND
- EXISTING TREE LINE
- WATER EDGE LINE

0 10 20  
 SCALE IN FEET

PURPOSE: IMPROVE SAFETY AND MOBILITY  
 PROPOSED: 28 SIGN BRIDGES ON I-90 & SR 520  
 LOCATION: BELLEVUE, WA  
 DATUM:  
 ADJACENT PROPERTY OWNERS:

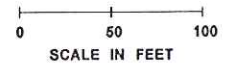
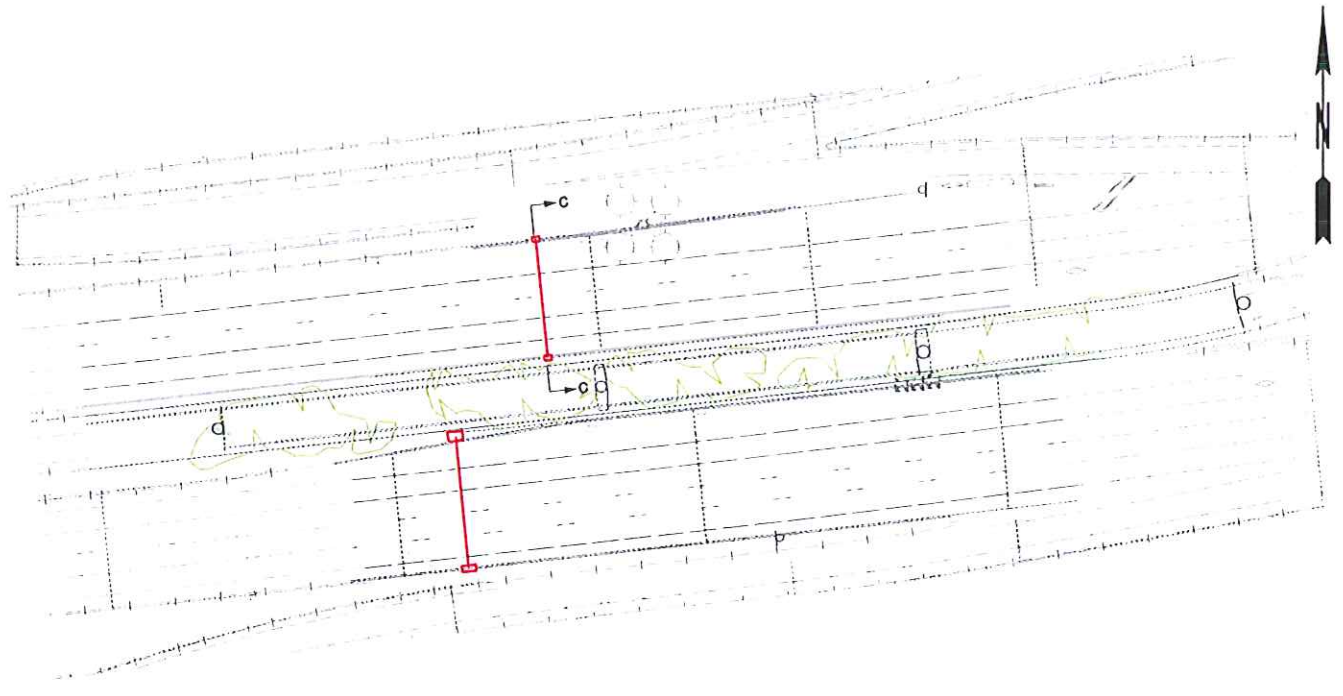
REFERENCE:  
 APPLICANT: WSDOT  
 COUNTY: KING COUNTY  
 NEAR:  
 WATER BODY: LAKE WASHINGTON-MERCER SLOUGH  
 DATE: MAY 11, 2009



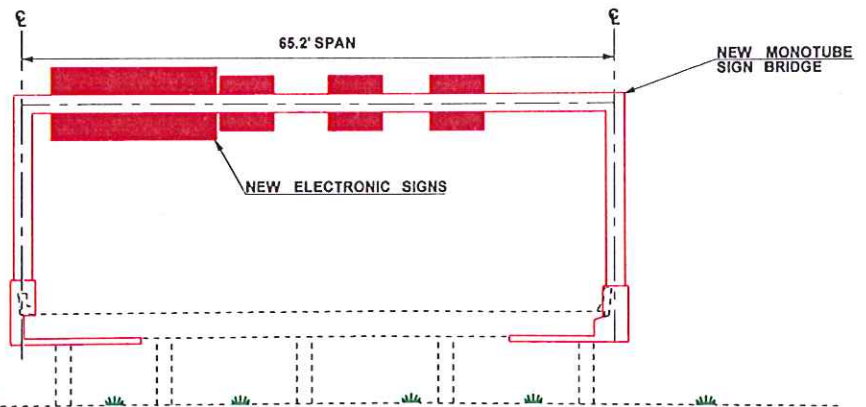
**Washington State**  
**Department of Transportation**

SHEET: 3 OF: 4





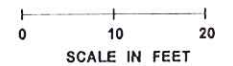
SECTION C-C  
SB90-24  
WB I-90 MP 9.49



— NEW  
- - - EXISTING

LEGEND:

- NEW SIGN BRIDGE
- EXISTING CATCH BASIN
- EXISTING WETLAND
- EXISTING TREE LINE
- WATER EDGE LINE



PURPOSE: IMPROVE SAFETY AND MOBILITY  
PROPOSED: 28 SIGN BRIDGES ON I-90 & SR 520  
LOCATION: BELLEVUE, WA  
DATUM:  
ADJACENT PROPERTY OWNERS:

REFERENCE:  
APPLICANT: WSDOT  
COUNTY: KING COUNTY  
NEAR:  
WATER BODY: LAKE WASHINGTON-MERCER SLOUGH

DATE: MAY 11, 2009



Washington State  
Department of Transportation

SHEET: 4 OF: 4



### Directions to I-90 Floating Bridge


5.8 mi – about 6 mins – up to 15 mins in traffic

**Save trees. Go green!**

Download Google Maps on your phone at [google.com/gmm](http://google.com/gmm)






 160th Ave SE, Bellevue, WA


---

1. Head **northeast** on **SE Eastgate Way**


go 423 ft  
total 423 ft

 2. Slight **right** onto the **I-90** ramp to **Seattle**


go 0.3 mi  
total 0.4 mi

 3. Keep **left** at the fork to continue toward **I-90 W**

go 0.3 mi  
total 0.6 mi

 4. Keep **left** at the fork to continue toward **I-90 W** and merge onto **I-90 W**  
Destination will be on the right  
About 5 mins

go 5.2 mi  
total 5.8 mi

 I-90 Floating Bridge

---

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.

Map data ©2009 , Maponics, Tele Atlas

Table 1. Interstate-90 Gantry and Sign locations, and Existing Ground Conditions or Installation Context.

Sign No.	Mile-post	Traffic Dir.	Existing Ground Condition/ Installation Context
1	2.81	EB	Gantry installed in terrain cut well below original grade
2	3.19	WB	Gantry installed in previously cut and highly modified terrain (north side) or attached to existing bridge structure (south side)
3	3.31	EB	Gantry attached to existing bridge structure
4	3.95	WB	Sign attached to roof in existing tunnel
5	3.95	EB	Sign attached to roof in existing tunnel
6	4.43	EB	Sign attached to existing truss bridge superstructure
7	4.51	WB	Gantry attached to existing bridge west approach structure
8	5.10	WB	<b>Deleted</b> from project due to structural loading
9	5.10	EB	<b>Deleted</b> from project due to structural loading
10	5.97	WB	Gantry installed in terrain cut well below original grade (north side) or attached to existing bridge structure (south side)
11	6.02	EB	Gantry installed in highly elevated road prism fill (alternate location is attach to tunnel face at MP 6.04)
12	6.50	WB	Sign attached to roof in existing tunnel
13	6.50	EB	Sign attached to roof in existing tunnel
14	7.02	EB	Sign attached to existing 80 <sup>th</sup> Ave SE overpass/lid face
15	7.03	WB	Sign attached to existing 80 <sup>th</sup> Ave SE overpass/lid face
16	7.54	WB	Gantry installed in highly elevated road prism fill
17	7.72	EB	Sign attached to existing Shorewood Ave overpass/lid face
18	8.02	WB	Gantry installed in terrain cut well below original grade
19	8.50	WB	Gantry attached to existing bridge structure
20	8.50	EB	Gantry attached to existing bridge structure
21	9.05	WB	Gantry attached in terrain cut well below original grade (north side) or attached to existing bridge structure (south side)
22	9.08	EB	Gantry attached on terrain cut well below original grade (south side) or attached to existing bridge structure (north side)
23	9.49	WB	Gantry attached to existing bridge structure
24	9.49	EB	Gantry attached to existing bridge structure
25	9.98	WB	Gantry installed in previously cut and highly modified terrain
26	10.10	EB	Gantry installed in previously cut and highly modified terrain
27	10.51	WB	Gantry installed in previously cut and highly modified terrain
28	10.59	EB	Gantry installed in previously cut and highly modified terrain
29	11.17	WB	Gantry installed in previously cut and highly modified terrain
30	11.33	EB	Gantry installed in previously cut and highly modified terrain
31	11.71	WB	Gantry installed in previously cut and highly modified terrain

Traffic direction: WB = Westbound; EB = Eastbound



Table 2. SR 520 Gantry and Sign locations, and Existing Ground Conditions or Installation Context.

Sign No.	Mile-post	Traffic Dir.	Existing Ground Condition/ Installation Context
1	0.19	EB	Sign attached to existing 10th Ave E overpass structure
2	0.85	Both	Gantry installed in highly modified terrain known by SR 520 Floating Bridge Replacement Project to be imported fill over lakebed sediments
3	1.15	EB	Gantry installed in highly modified terrain known by SR 520 Floating Bridge Replacement Project to be imported fill over lakebed sediments
4	3.99	Both	Gantry installed in previously cut and highly modified terrain
5	4.45	Both	Gantry installed in highly elevated road prism fill
6	4.93	Both	Gantry installed in previously cut and highly modified terrain
7	5.50	Both	Gantry installed in highly elevated road prism fill
8	6.08	Both	Gantry installed in previously cut and highly modified terrain
9	6.55	EB	Gantry attached in terrain cut well below original grade (south side) or attached to existing bridge structure (north side)
10	6.83	WB	Sign attached to ARL Ramp existing overpass structure
11	7.32	WB	Gantry installed in previously cut and highly modified terrain near existing interchange
12	7.85	WB	Gantry installed in previously cut and highly modified terrain

Traffic direction: WB = Westbound; EB = Eastbound; Both = WB and EB