



WASHINGTON STATE

Joint Aquatic Resources Permit Application (JARPA) Form^{1,2}

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



US Army Corps of Engineers
Seattle District

AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

Part 1–Project Identification

1. Project Name (A name for your project that you create. Examples: Smith’s Dock or Seabrook Lane Development) [help]
Bridge Street Bridge Replacement

Part 2–Applicant

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

2a. Name (Last, First, Middle)			
Dahlem, Mike			
2b. Organization (If applicable)			
City of Sumner Public Works			
2c. Mailing Address (Street or PO Box)			
1104 Maple Street, Suite 260			
2d. City, State, Zip			
Sumner, WA 98390			
2e. Phone (1)	2f. Phone (2)	2g. Fax	2h. E-mail
(253) 299-5702	()	()	miked@ci.sumner.wa.us

¹Additional forms may be required for the following permits:

- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at <http://www.nws.usace.army.mil/Missions/CivilWorks/Regulatory/PermitGuidebook/EndangeredSpecies.aspx>.
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

²To access an online JARPA form with [\[help\]](#) screens, go to http://www.epermitting.wa.gov/site/alias_resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

For other help, contact the Governor’s Office for Regulatory Innovation and Assistance at (800) 917-0043 or help@ora.wa.gov.

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)			
Widener, Ross			
3b. Organization (If applicable)			
Widener & Associates			
3c. Mailing Address (Street or PO Box)			
10108 32 nd Ave W Ste D			
3d. City, State, Zip			
Everett, WA 98204			
3e. Phone (1)	3f. Phone (2)	3g. Fax	3h. E-mail
(425) 348-3059	(425) 503-3629	()	rwidener@prodigy.net

Part 4—Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [\[help\]](#)

- 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 upland property owners. Complete the section below and fill out [JARPA Attachment A](#) for each additional property owner.
- Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete [JARPA Attachment E](#) to apply for the Aquatic Use Authorization.

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

Part 5–Project Location(s)

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

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

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]			
<input type="checkbox"/> Private <input type="checkbox"/> Federal <input checked="" type="checkbox"/> Publicly owned (state, county, city, special districts like schools, ports, etc.) <input type="checkbox"/> Tribal <input type="checkbox"/> Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)			
5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]			
Bridge Street			
5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]			
Sumner, WA, 98390			
5d. County [help]			
Pierce			
5e. Provide the section, township, and range for the project location. [help]			
¼ Section	Section	Township	Range
	24	20N	04E
5f. Provide the latitude and longitude of the project location. [help]			
<ul style="list-style-type: none"> Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83) 			
47.204038 N lat / -122.245678 W long			
5g. List the tax parcel number(s) for the project location. [help]			
<ul style="list-style-type: none"> The local county assessor's office can provide this information. 			
ROW			
5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]			
Name	Mailing Address	Tax Parcel # (if known)	
SCHATZ FRANK A & LINDA L	9123 33RD ST E EDGEWOOD WA 98371-2057	0420243101, 0420243057	
SKG LLC	13608A VALLEY AVE E SUMNER WA 98390-1535	0420243073, 0420243001, 0420247021	

5i. List all wetlands on or adjacent to the project location. [help]
None
5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]
The project will occur within and over the White River
5k. Is any part of the project area within a 100-year floodplain? [help]
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know
5l. Briefly describe the vegetation and habitat conditions on the property. [help]
The Bridge Street Bridge Replacement Project area is located within the western hemlock (<i>Tsuga heterophylla</i>) major vegetation area. Currently the area is characterized by a sparse overstory of black cottonwoods (<i>Populus balsamifera</i>) and bigleaf maples (<i>Acer macrophyllum</i>) with some small red alders (<i>Alnus rubra</i>) and willows (<i>Salix spp.</i>). The shrub layer is dominated by invasive Himilayan blackberry (<i>Rubus armeniacus</i>) with some red osier dogwood (<i>Cornus sericea</i>), snowberry (<i>Symphoricarpos albus</i>), bracken fern (<i>Pteridium aquilinum</i>), sword fern (<i>Polystichum munitum</i>), horsetail (<i>equisetum sp.</i>), and miscellaneous grasses. There are also many invasive vines including English ivy (<i>Hedera helix</i>), evergreen clematis (<i>Clematis vitalba</i>), and field bindweed (<i>Convolvulus arvensis</i>).
5m. Describe how the property is currently used. [help]
The property is currently used as a bridge which provides a crossing over the White River to connect downtown Sumner with properties west of the river.
5n. Describe how the adjacent properties are currently used. [help]
Adjacent properties are commercial businesses. The parcels adjacent to the project area are zoned General Commercial and Mixed-Use Development.
5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]
The existing steel truss bridge is the predominant structure in the project area. It is structurally-deficient, functionally-obsolete, and is currently weight-restricted. The non-vehicular facilities are also of poor quality, resulting in substandard conditions for pedestrians and bicyclists. There are also utilities (power, cable, gas, water, stormwater) in the project area as well as lighting structures on the existing bridge. Lastly, there is a building that will be demolished west of the existing bridge (the tavern at 13704 Valley Ave.). This building is older than 50 years old, however it has been deemed ineligible for listing on the National Register of Historic Places due to its lack of significant historical value.
5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]
From WA-167 South take the West Valley Highway exit. Turn left onto West Valley Highway E. After 2.1 miles turn left onto Sumner Heights Drive W. In 226 feet turn left onto Valley Avenue E. After 0.1 miles make a slight right onto Bridge Street. Refer to Figure 1 – Vicinity Map and Figure 2 – Project Area.

This page intentionally left blank for printing purposes.

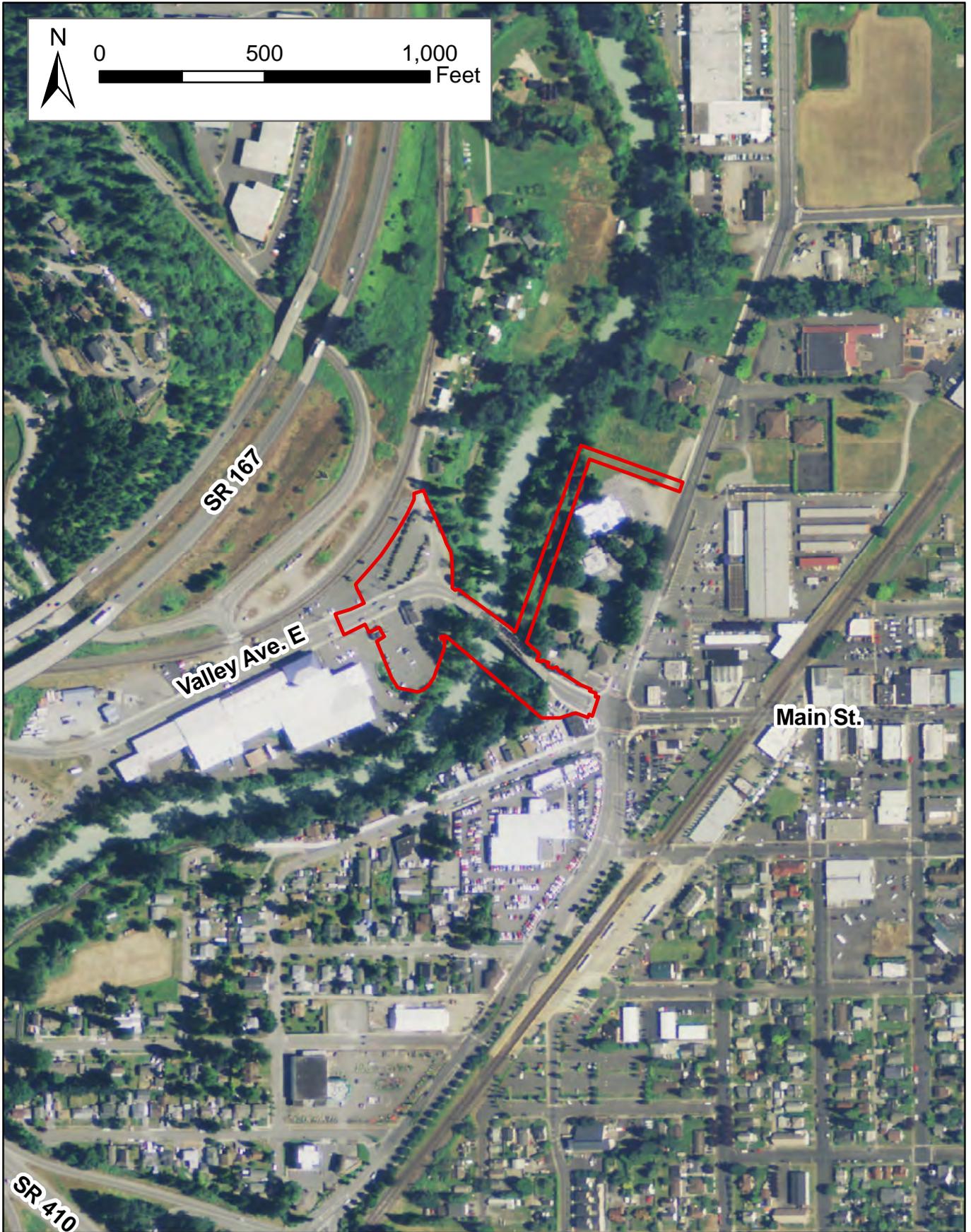


Figure 2 - Project Area

Bridge Street Bridge Replacement

City of Sumner

47.204038 N lat / -122.245678 W long

S24/T20N/R04E

February 2, 2015

 Project Area

This page intentionally left blank for printing purposes.

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [\[help\]](#)

The City of Sumner is proposing to replace the existing 360-foot long steel truss bridge across the White River on Bridge Street. The bridge will be replaced with a standard precast concrete girder bridge directly downstream of the existing bridge. This bridge type and alignment was approved by the Sumner City Council as the most cost-effective and environmentally-sensitive solution of the four analyzed alternatives. Shifting the alignment slightly downstream allows the existing bridge to be utilized during construction, precluding the need for a temporary detour bridge, greatly reducing the number of temporary piles that will need to be driven inside OHW. The bridge will be widened from two 10-foot travel lanes to two 11-foot travel lanes and 5-foot bike lanes in both directions. 6.5-foot (including curbing) sidewalks will also be constructed. Project activities will involve removal of the existing bridge, construction of temporary work platforms, installation of drilled shafts, bridge deck construction, abutment construction, paving, marking, signage, illumination, utility relocation and landscaping.

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

Currently the existing bridge is weight restricted to 12 tons or less. This prohibits large delivery trucks, buses, and tractor-trailers from utilizing this route. The bridge was built in 1927 and is currently evaluated as structurally deficient and functionally obsolete. It has a current sufficiency rating of 7 out of 100. Replacement of this bridge is needed to maintain safe crossing conditions for both vehicular traffic and pedestrians. In addition, this route is a major urban arterial that provides an essential river crossing for emergency response traffic and small school bus traffic as well as serves as an important evacuation route for the City of Sumner.

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

- Commercial
 Residential
 Institutional
 Transportation
 Recreational
 Maintenance
 Environmental Enhancement

6d. 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"/> Retaining Wall (upland) |
| <input type="checkbox"/> Bank Stabilization | <input type="checkbox"/> Dam / Weir | <input type="checkbox"/> Floating Home | <input checked="" type="checkbox"/> Road |
| <input type="checkbox"/> Boat House | <input type="checkbox"/> Dike / Levee / Jetty | <input type="checkbox"/> Geotechnical Survey | <input type="checkbox"/> Scientific Measurement Device |
| <input type="checkbox"/> Boat Launch | <input type="checkbox"/> Ditch | <input type="checkbox"/> Land Clearing | <input type="checkbox"/> Stairs |
| <input type="checkbox"/> Boat Lift | <input type="checkbox"/> Dock / Pier | <input type="checkbox"/> Marina / Moorage | <input type="checkbox"/> Stormwater facility |
| <input checked="" type="checkbox"/> Bridge | <input type="checkbox"/> Dredging | <input type="checkbox"/> Mining | <input type="checkbox"/> Swimming Pool |
| <input type="checkbox"/> Bulkhead | <input type="checkbox"/> Fence | <input type="checkbox"/> Outfall Structure | <input type="checkbox"/> Utility Line |
| <input type="checkbox"/> Buoy | <input type="checkbox"/> Ferry Terminal | <input type="checkbox"/> Piling/Dolphin | |
| <input type="checkbox"/> Channel Modification | <input type="checkbox"/> Fishway | <input type="checkbox"/> Raft | |

Other:

6e. Describe how you plan to construct each project element checked in 6d. 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 floodplain.

The new bridge will be a 46-foot 9-inch wide, two-lane vehicular bridge, with a deck constructed of standard Washington State Department of Transportation (WSDOT) precast and pre-stressed concrete girders. It will be a 3-span bridge of 335-foot total length, with a 184-foot beam clearspan and 12-foot clearance above the 100-year floodplain. All proposed piers will be above the Ordinary High Water Mark (OHWM) of the White River, as opposed to the existing bridge which has one pier below the OHWM. The number of piers within the 100-year floodplain will be reduced from 2 to 1.

Site preparation will include clearing and grubbing of up to 0.89 acres of vegetation, most of which is Himalayan blackberry (*Rubus armeniacus*). Up to 17 trees may also be felled to provide access and make room for the new bridge alignment and temporary work platforms. All cleared areas will be revegetated and trees will be replaced at a ratio of at least 3:1. Felled trees will be utilized as Large Woody Debris (LWD) within the wetted channel of the White River and within restored upland areas where feasible. Temporary erosion and sediment control (TESC) measures will be installed and maintained throughout construction. Best management practices (BMPs) such as silt fence, straw bales, biodegradable erosion control blankets, and temporary seeding will be utilized in order to prevent impacts to the White River during construction. Impacts are not expected to exceed the water quality standards set forth in the NPDES permit issued by the WSDOE.

The bridge and roadway approach construction will be performed in phases in order to preserve traffic flow at the existing river crossing. This is necessary as there is not an acceptable detour route. Refer to Attachment D for the proposed phasing of this project. Phase 1 of the proposed bridge replacement will involve construction of the downstream side of the new bridge while maintaining traffic on the existing bridge. Prior to the first in-water work window, temporary work platforms will be constructed above the OHWM downstream of the existing bridge, all of the Phase 1 piers will be drilled and constructed, and columns/crossbeams/abutments will be constructed for all Phase 1 piers.

During the first in-water work window (July 15 – September 30, Year 1), temporary work platforms will be constructed with up to 30 temporary pilings driven below the OHWM of the White River. The Phase 1 Span 1 girders will then be erected over the wetted channel of the river followed by removal of the temporary work platforms below OHW. 24-inch steel piles will be vibed in then proofed with an impact hammer no more than 500 times per pile. Impact driving for each pile is not anticipated to be more than 20 minutes and no more than 8 piles will be driven in a single day. Bubble curtains will be utilized for any piles driven in more than 2 feet of water to mitigate for potential underwater noise effects. If any pilings are located in ≤ 2 feet of water, sandbags will be placed by hand waterward of the pilings to create a cofferdam for the purposes of fish exclusion and underwater noise mitigation. Containment tarps constructed of impervious materials will be installed below any over-water bridge construction or demolition activities.

After the first in-water work window, a temporary structural earth wall (SEW) will be constructed at the Pier 1 abutment and Phase 1 grading will be completed. The Phase 1 Span 2 girders will then be erected and the remainder of the downstream temporary work platforms above OHW will then be removed. The Phase 1 superstructure of the bridge will then be completed. Utilities that are located on the existing bridge will also be reinstalled along Phase 1 of the proposed bridge. After Phase 1 of the proposed bridge is complete, traffic will be shifted to this completed section to allow for demolition of the existing bridge and construction of Phase 2. Prior to the second in-water work window, upstream temporary work platforms outside of OHW will be constructed and the approach structures for the existing bridge will be demolished.

The second in-water work window (July 15 – September 30, Year 2) will involve demolition of existing Pier 3 and removal of the existing main span truss. As existing Pier 3 is partly located inside OHW, a temporary coffer cell will be constructed of steel PZ-40 sheet piles to form an impenetrable barrier that will isolate the work area and contain demolition debris. Any substrate removed during Pier 3 demolition will be replaced prior to removal of the cofferdam so that no net loss of river substrate will result. Native stream cobbles will be utilized as the top 1 ft. layer of substrate replaced below OHW. Once all demolition work is complete and regrading has been completed within the coffer cell, the coffer cell will be removed.

After the second in-water work window, the Phase 2 substructure of the proposed bridge will be constructed. This will require constructing/reinstalling upstream temporary work platforms, but no piles will be driven below OHW. After the Phase 2 substructure has been completed, all temporary work platforms will be removed, followed by construction of the Phase 2 superstructure. After construction of Phase 2 is complete, traffic will be shifted to the final alignment of the new bridge. All unimproved areas will be restored with native seed mixes and plantings. Trees that were felled during construction will be replaced at a minimum of a 3:1 ratio.

Equipment necessary for this project include: vibratory pile driver, hydraulic impact hammer, cranes, forklifts, bubble curtain, dump trucks, concrete saw, oscillating or rotating drilling equipment, power tools, and hand tools.

Demolition of existing Piers 2 and 3, construction of new Pier 2, construction of temporary work platforms, installation of BMPs, clearing, grading, and site restoration will all occur within the limits of the 100-year floodplain.

6f. What are the anticipated 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: 2015-2016

End date: 2017-2018

See JARPA Attachment D

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

12 million

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

- If **yes**, list each agency providing funds.

Yes No Don't know

FHWA

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.) [\[help\]](#)

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

Not applicable

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 Don't know

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 and answer 7g.
- If **No**, or **Not applicable**, explain below why a mitigation plan should not be required.

Yes No Not applicable

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

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [\[help\]](#)

Activity (fill, drain, excavate, flood, etc.)	Wetland Name ¹	Wetland type and rating category ²	Impact area (sq. ft. or Acres)	Duration of impact ³	Proposed mitigation type ⁴	Wetland mitigation area (sq. ft. or acres)

¹ If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.

² Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.

³ Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.

⁴ 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: _____

7i. For all filling activities identified in 7h, 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. [\[help\]](#)

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

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

The project will involve many minimization measures in an effort to reduce or avoid impacts to the aquatic environment. These measures will include:

- Erosion control BMPs (such as silt fence, straw bales, etc.) will be installed prior to any ground disturbance activity occurring and will be maintained throughout construction.
- Installation of containment devices (chainlink fence covered in filter fabric) under existing bridge and temporary work platforms, past the drip line, to catch debris generated from work on the deck and girders
- Proper maintenance of equipment and vehicles with periodic checks for leaks
- Careful maneuvering of equipment to ensure material does not fall into the water
- Installation of a sheet pile cofferdam to isolate the Pier 3 demolition work area
- Installation of a bubble curtain around any piles to be impact driven in > 2 feet of water; installation of sandbag cofferdam around piles impact driven in ≤ 2 feet of water
- Pulling piles up slowly to minimize turbidity impacts
- Monitoring turbidity during the installation and removal of piles
- Monitoring underwater noise during pile driving operations
- Conducting all refueling operations at least 50 feet from any open water body
- Replanting all unimproved disturbed areas with native vegetation
- Utilizing felled trees as large woody debris where possible
- Importing native streambed cobbles (WSDOT standard spec. 9-03.11(2)) as the top layer of backfill below OHW

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

Yes No

8c. 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 and answer 8d.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

Yes No Not applicable

No long-term adverse impacts to the White River are anticipated due to the minimization measures described. Turbidity will be monitored during pile extraction/installation. The project also proposes to replace all 17 trees that will possibly be felled at a rate of at least 3:1. The trunks of the trees removed (> 12 inches in diameter) will be securely anchored along the banks of the river. All unimproved disturbed areas will be restored with native vegetation prior to project completion. Native stream cobbles will be utilized as the top layer of river substrate added to replace excavated material below OHW.

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

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

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

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name ¹	Impact location ²	Duration of impact ³	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Temporary pile driving/extraction	White River	Within	10 weeks	30 piles	94.25 sq. ft.
Driving/extraction of temporary cofferdam	White River	Within	8.5 weeks	N/A	550 sq. ft.
Bubble curtain	White River	Within	10 hours	N/A	N/A
Sandbags	White River	Within	temporary	As needed	N/A
Dredge	White River	Within	temporary	4,875 CY	550 sq. ft.
Fill	White River	Within	permanent	5,765 CY	550 sq. ft.

¹ If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.

² 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.

³ Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8f. For all activities identified in 8e, 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. [\[help\]](#)

All fill will be imported from a commercial source. Refer to Figure 3 of the attached drawings for the proposed fill below the OHWM. A majority of fill below OHW will be pit-run backfill. The top 1 ft. of fill below OHW will consist of streambed cobbles. The area from the OHWM to 3 feet below the OHWM will include topsoil as needed for Zone 1 planting.

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

After installation of the temporary sheet pile cofferdam, the soil and river substrate around existing Pier 3 will be excavated to allow for Pier 3 demolition. The existing footing for Pier 3 will be left in place. All excavated material will be disposed of at an approved offsite location.

Part 9—Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [help]			
Agency Name	Contact Name	Phone	Most Recent Date of Contact
WDFW	Douglas Wiedemeier	(360) 902-2526	7/31/14
Puyallup Tribal Fisheries	Russ Ladley	(253) 680-5560	8/1/14
9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [help]			
<ul style="list-style-type: none"> • If Yes, list the parameter(s) below. • If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: http://www.ecy.wa.gov/programs/wq/303d/. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
The White River is 303(d) listed for temperature upstream and downstream of the project area. The reach within the project area is not specifically 303(d) listed.			
9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help]			
<ul style="list-style-type: none"> • Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC. 			
HUC 171100140404			
9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]			
<ul style="list-style-type: none"> • Go to http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm to find the WRIA #. 			
WRIA 10 – Puyallup/White			
9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]			
<ul style="list-style-type: none"> • Go to http://www.ecy.wa.gov/programs/wq/swqs/criteria.html for the standards. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable			
9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]			
<ul style="list-style-type: none"> • If you don't know, contact the local planning department. • For more information, go to: http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html. 			
<input type="checkbox"/> Rural <input checked="" type="checkbox"/> Urban <input type="checkbox"/> Natural <input type="checkbox"/> Aquatic <input checked="" type="checkbox"/> Conservancy <input type="checkbox"/> Other			
9g. What is the Washington Department of Natural Resources Water Type? [help]			
<ul style="list-style-type: none"> • Go to http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx for the Forest Practices Water Typing System. 			
<input checked="" type="checkbox"/> Shoreline <input type="checkbox"/> Fish <input type="checkbox"/> Non-Fish Perennial <input type="checkbox"/> Non-Fish Seasonal			
9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]			
<ul style="list-style-type: none"> • If No, provide the name of the manual your project is designed to meet. 			
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Name of manual: 2005 DOE Stormwater Manual for Western Washington, 2011 WSDOT Hydraulics Manual			

<p>9i. Does the project site have known contaminated sediment? [help]</p> <ul style="list-style-type: none"> If Yes, please describe below. <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>9j. If you know what the property was used for in the past, describe below. [help]</p> <p>The property has been a bridge since 1927.</p>
<p>9k. Has a cultural resource (archaeological) survey been performed on the project area? [help]</p> <ul style="list-style-type: none"> If Yes, attach it to your JARPA package. <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>9l. 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]</p> <p>ESA listed species that may be present in the project area include the Coastal/Puget Sound DPS of bull trout, the Puget Sound ESU of Chinook salmon, and the Puget Sound DPS of steelhead trout.</p>
<p>9m. 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]</p> <p>According to WDFW's PHS Mapper, listed WDFW priority species include chinook, coho, pink, sockeye, and chum salmon as well as steelhead, bull, and cutthroat trout.</p>

Part 10–SEPA Compliance and Permits

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 for Regulatory Innovation and Assistance at (800) 917-0043 or help@ora.wa.gov.
- For a list of addresses to send your JARPA to, click on [agency addresses for completed JARPA](#).

<p>10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [help]</p> <ul style="list-style-type: none"> For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html.
<p><input type="checkbox"/> A copy of the SEPA determination or letter of exemption is included with this application.</p>
<p><input checked="" type="checkbox"/> A SEPA determination is pending with <u>City of Sumner</u> (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.) [help]</p>
<p><input type="checkbox"/> This project is exempt (choose type of exemption below).</p> <p><input type="checkbox"/> Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt? _____</p> <p><input type="checkbox"/> Other: _____</p>
<p><input type="checkbox"/> SEPA is pre-empted by federal law.</p>

10b. Indicate the permits you are applying for. (Check all that apply.) [\[help\]](#)

LOCAL GOVERNMENT

Local Government Shoreline permits:

Substantial Development Conditional Use Variance

Shoreline Exemption Type (explain): _____

Other City/County permits:

Floodplain Development Permit Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

Hydraulic Project Approval (HPA) Fish Habitat Enhancement Exemption – [Attach Exemption Form](#)
Effective July 10, 2012, you must submit a check for \$150 to Washington Department of Fish and Wildlife, unless your project qualifies for an exemption or alternative payment method below. **Do not send cash.**

Check the appropriate boxes:

\$150 check enclosed. Check # _____

Attach check made payable to Washington Department of Fish and Wildlife.

Charge to billing account under agreement with WDFW. Agreement # _____

My project is exempt from the application fee. (Check appropriate exemption)

HPA processing is conducted by applicant-funded WDFW staff.

Agreement # _____

Mineral prospecting and mining.

Project occurs on farm and agricultural land.

(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use.)

Project is a modification of an existing HPA originally applied for, prior to July 10, 2012.

HPA # _____

Washington Department of Natural Resources:

Aquatic Use Authorization

Complete [JARPA Attachment E](#) and submit a check for \$25 payable to the Washington Department of Natural Resources.

Do not send cash.

Washington Department of Ecology:

Section 401 Water Quality Certification

FEDERAL GOVERNMENT

United States Department of the Army permits (U.S. Army Corps of Engineers):

Section 404 (discharges into waters of the U.S.)

Section 10 (work in navigable waters)

United States Coast Guard permits:

Private Aids to Navigation (for non-bridge projects)

Part 11—Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [\[help\]](#)

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. _____ (initial)

Applicant Printed Name

Applicant Signature

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 Printed Name

Authorized Agent Signature

Date

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

Not required if project is on existing rights-of-way or easements.

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 Printed Name

Property Owner Signature

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 for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ENV-019-09 rev. 08/2013



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



AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: Bridge Street Bridge Replacement

Location Name (if applicable): Sumner, WA

Attachment C:
Contact information for adjoining
property owners. [\[help\]](#)

Use this attachment only if you have more than four adjoining property owners.

Use black or blue ink to enter answers in white spaces below.

1. Contact information for all adjoining property owners. [help]		
Name	Mailing Address	Tax Parcel # (if known)
UNION PACIFIC CORPORATION	PROP TAX DEPT/10TH FLOOR SOUTH 1700 FARNAM ST FL 7 OMAHA NE 68102-2008	5215200140, 0420247025
GROUT MABETH A	GROUT REAL ESTATE LLC 13608A VALLEY AVE E SUMNER WA 98390-1535	0420243007
TIBEAU RAYMOND E	PO BOX 1221 SUMNER WA 98390-0240	0420243017
PASQUIER PANEL PROD INC	PO BOX 1170 SUMNER WA 98390-0230	0420247004
BENDIXEN WILLIAM & SANDRA K	1501 PACIFIC AVE SUMNER WA 98390-9200	0420243010, 0420243004
STOWE CONSTRUCTION INC	PO BOX 1054 SUMNER WA 98390-0200	0420243009
TABER RUTH C	15205 W HIGHWAY 316 WILLISTON FL 32696-4555	0420243159
CITY OF SUMNER	1104 MAPLE ST STE 245 SUMNER WA 98390-1407	0420247003, 0420247002
PARK PLAZA II LLC	DR NASH 1006 FRYAR AVE STE A SUMNER WA 98390-1501	0420247013
TRACY RONALD J & CAROLYN	1006 FRYAR AVE STE C SUMNER WA 98390-1501	0420247012
TRACY RONALD J	1006 FRYAR AVE STE B SUMNER WA 98390-1501	0420247008
NASH REAL ESTATE LLC	1006 FRYAR AVE SUMNER WA 98390-1501	0420247009

EDLUND ROLF M & DONNA	LALURA VANDYK DDS 1006 FRYAR AVE STE C SUMNER WA 98390-1501	0420247010
HALEY DAVID W	PO BOX 65349 TACOMA WA 98464-1349	0420247011

If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ENV-022-09 rev. 08/2013



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



AGENCY USE ONLY

Date received: _____

Agency reference #: _____

Tax Parcel #(s): _____

TO BE COMPLETED BY APPLICANT [\[help\]](#)

Project Name: Bridge Street Bridge Replacement

Attachment D:
Construction sequence [\[help\]](#)

Use this attachment only if your project will be constructed in phases or stages. Complete the outline showing the construction sequence and timing of activities, including the start and end dates of each phase or stage.

Use black or blue ink to enter answers in white spaces below.

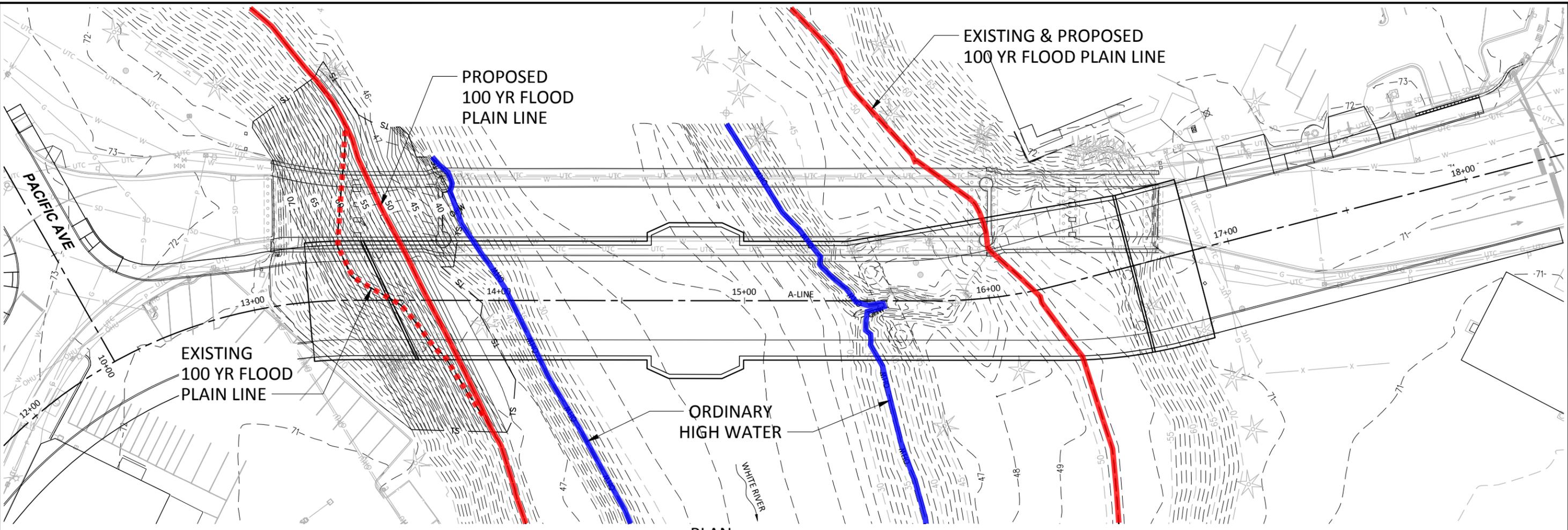
Phase or Stage	Start Date	End Date	Activity Description
1	Jan. 1, Year 1	Jul. 14, Year 1	<ol style="list-style-type: none"> 1. Construct at-grade temporary work access 2. Construct temporary work platforms (as required) for Phase 1 drilled shaft construction 3. Construct Phase 1 drilled shafts (all piers) 4. Construct Phase 1 abutments and intermediate piers
2	Jul. 15, Year 1	Sep. 30, Year 1	<ol style="list-style-type: none"> 1. Extend temporary work platform to within the OHW extents to facilitate girder erection 2. Erect Phase 1 Span 1 girders 3. Remove temporary work platform within OHW
3	Oct. 1, Year 1	July 14, Year 2	<p>A.</p> <ol style="list-style-type: none"> 1. Construct temporary SEW 5 at Pier 1 abutment and complete Phase 1 grading 2. Erect Phase 1 Span 2 girders 3. Remove temporary work platform 4. Construct Phase 1 superstructure 5. Complete grading on south approach 6. Set-up temporary traffic control measures and open Phase 1 bridge to traffic <p>B.</p> <ol style="list-style-type: none"> 1. Demolish existing bridge approach superstructure 2. Build upstream temporary work platforms

4	Jul. 15, Year 2	Sep. 30, Year 2	<ol style="list-style-type: none"> 1. Install coffer cell around existing north approach substructure, as required. 2. Remove existing bridge main span truss. 3. Remove north upstream temporary work platform to identified truss demolition location 4. Excavate within coffer cell to remove existing columns and pier wall 5. Re-grade within coffer cell, as required. 6. Re-install north upstream temporary work platform to facilitate removal of coffer cell 7. Remove coffer cell
5	Oct. 1, Year 2	July 14, Year 3	<ol style="list-style-type: none"> A. <ol style="list-style-type: none"> 1. Construct / Re-install temporary upstream work platforms, as required, for Stage 5 construction 2. Construct Phase 2 drilled shaft(s) 3. Construct Phase 2 abutments and intermediate pier B. <ol style="list-style-type: none"> 1. Erect Phase 2 Span 1 girder 2. Remove temporary upstream work platforms C. <ol style="list-style-type: none"> 1. Erect Phase 2 Span 2 girders 2. Construct Phase 2 superstructure 3. Open bridge for traffic 4. Site restoration

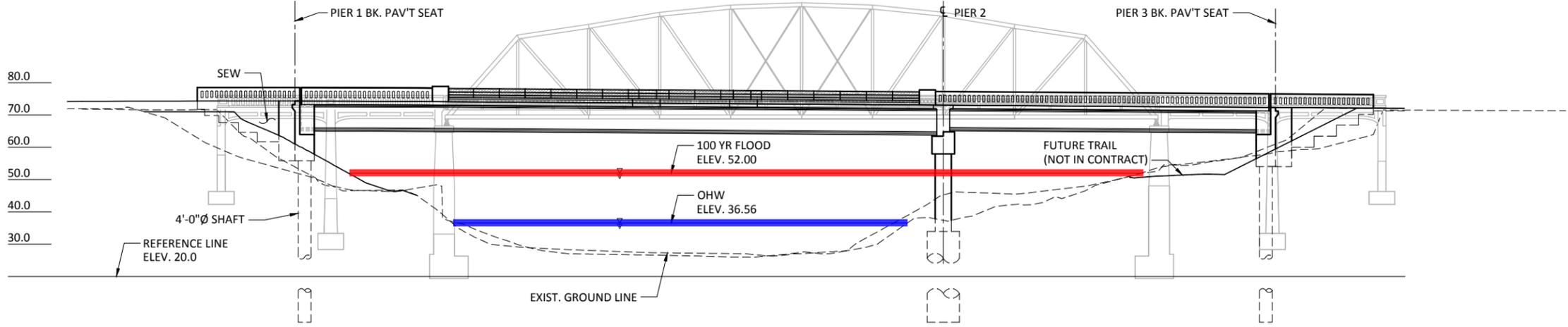
If you require this document in another format, contact the Governor's Office for Regulatory Innovation and Assistance (ORIA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341. ORIA publication number: ENV-023-09 rev. 08/2013

C:\Users\jacob@sumner.wa.gov\Documents\JARPA-1.dwg

Last Saved by: Childress on: Jan 21, 2015 8:03 AM File: C:\Federal\Way\2013\A13.0302\CADD\Drawings\JARPA-1.dwg



PLAN



ELEVATION

ELEVATIONS ARE FINAL GRADE MEASURED AT THE TOP OF ROADWAY ALONG THE A-LINE

MARK	REVISION DESCRIPTION	BY	APP.	DATE

BergerABAM
 33301 9th Avenue South, Suite 300
 Federal Way, Washington 98003-2600
 (206) 431-2300 Fax: (206) 431-2250

CITY OF SUMNER
 WASHINGTON

DRAWN BY LWC
 DESIGN BY MJH
 CHECK BY GAB
 PROJ MGR CWS

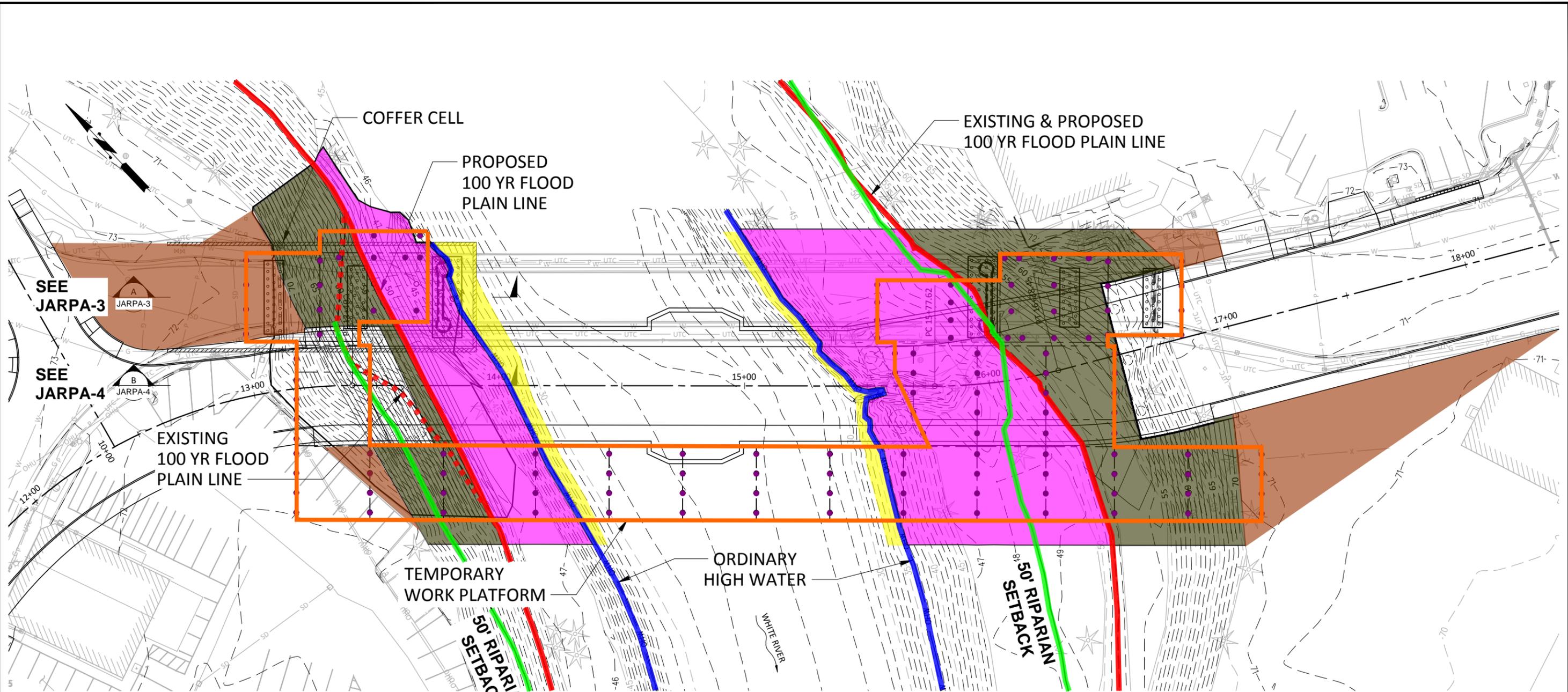
CITY OF SUMNER
BRIDGE STREET BRIDGE REPLACEMENT
 FIGURE 1

DRAWING NO. **JARPA-1**
 PROJECT NO. A13.0302
 DATE: 1/19/15
 SHEET NO. _____

This page intentionally left blank for printing purposes.

C:\Users\jacob\OneDrive\Documents\JARPA-2.dwg

Last Saved by: Childress on: Jan 26, 2015 3:17 PM File: C:\Federal\Way2013\A13.0302\CADD\Drawings\JARPA\JARPA-2.dwg



PLANTING ZONE DESCRIPTION:

- PLANTING ZONE 1:
BETWEEN OHWM AND THE "AVERAGE FLOW STAGE", EMERGENT GRASSES AND SEDGES OR PLANTS LIKE SALMONBERRY AND WILLOWS THAT CAN WITHSTAND WATER VELOCITIES AND LEVEL OF INUNDATION OCCURRING IN THIS ZONE
- PLANTING ZONE 2:
BETWEEN OHWM AND THE 100 YEAR FLOOD, WOULD BE AMENDED WITH COMPOST, SEEDED WITH A MIX OF NATIVE RIPARIAN GRASSES AND PLANTED WITH LIVE STAKES CONSISTING OF A VARIETY OF NATIVE WILLOW SPECIES AND REDTWIG DOGWOOD
- PLANTING ZONE 3:
BETWEEN 100 YEAR FLOOD AND TOP OF BANK, WILL BE AMENDED WITH COMPOST, SEEDED WITH A MIX OF UPLAND GRASSES AND PLANTED WITH CEDARS AND DOUGLAS FIRS AT 10' ON CENTER, WHILE ALLOWING FOR A SETBACK OF 15' MINIMUM FROM THE PROPOSED BRIDGE
- PLANTING ZONE 4:
FROM TOP OF BANK AND BEYOND WILL BE PLANTED AS APPROPRIATE FOR THE ADJACENT LAND USES

	PLANTING ZONE 1
	PLANTING ZONE 2
	PLANTING ZONE 3
	PLANTING ZONE 4

MARK	REVISION DESCRIPTION	BY	APP.	DATE

BergerABAM
33301 9th Avenue South, Suite 300
Federal Way, Washington 98003-2600
(206) 431-2300 Fax: (206) 431-2250

CITY OF SUMNER
WASHINGTON

DRAWN BY LWC
DESIGN BY MJH
CHECK BY GAB
PROJ MGR CWS

CITY OF SUMNER
BRIDGE STREET BRIDGE REPLACEMENT

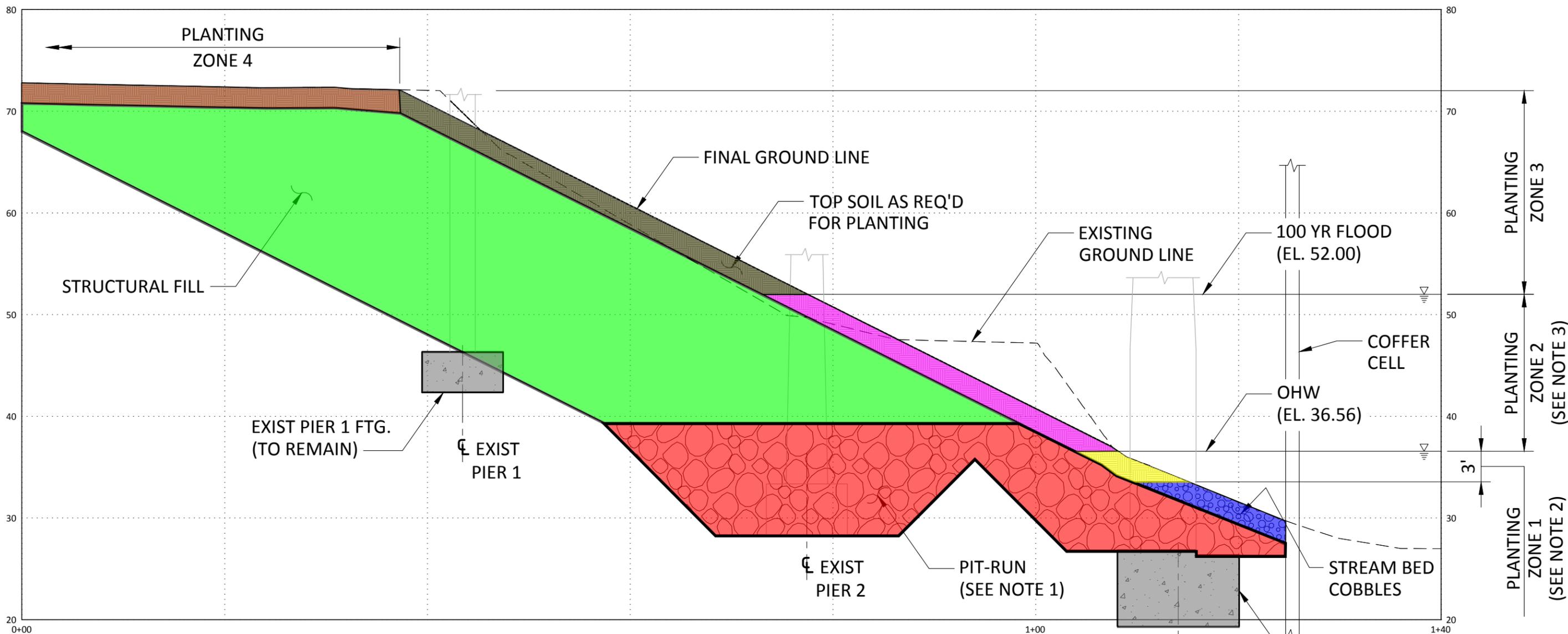
FIGURE 2

DRAWING NO. **JARPA-2**
PROJECT NO. A13.0302
DATE: 1/19/15
SHEET NO. 2 OF 4

This page intentionally left blank for printing purposes.

C:\Users\jacob@bergerabam.com\OneDrive\Documents\JARPA-3 and 4.dwg

Last Saved by: Childress on: Jan 23, 2015 1:38 PM File: C:\Federal\Way2013\A13.0302\CADD\Drawings\JARPA-3 and 4.dwg



(A) SECTION

NOTES:

1. TOP OF PIT-RUN ARMORING SHALL NOT EXTEND MORE THAN 3-FEET ABOVE THE ORDINARY HIGH WATER ELEV.
2. USE COIR MATS AND LIVE STAKES AS REQUIRED WITHIN PLANTING ZONE 1.
3. JUTE NETTING AND LIVE STAKES SHALL BE USED WITHIN PLANTING ZONE 2.

- PIT-RUN BACKFILL (TOPPED W/ STREAM BED COBBLES AT RIVER)
- STRUCTURAL FILL TOPPED WITH TOP SOIL FOR SOFT BACK ARMORING

MARK	REVISION DESCRIPTION	BY	APP.	DATE

BergerABAM
 33301 9th Avenue South, Suite 300
 Federal Way, Washington 98003-2600
 (206) 431-2300 Fax: (206) 431-2250

CITY OF SUMNER WASHINGTON

DRAWN BY LWC
 DESIGN BY MJH
 CHECK BY GAB
 PROJ MGR CWS

**CITY OF SUMNER
 BRIDGE STREET BRIDGE REPLACEMENT**

FIGURE 3

DRAWING NO. **JARPA-3**
 PROJECT NO. A13.0302
 DATE: 1/19/15
 SHEET NO. 3 OF 4

This page intentionally left blank for printing purposes.

This page intentionally left blank for printing purposes.