

WIN/Title: E09011A - I-90/Wilson Creek Bridge WB & West Side Canal Bridge ECS Id: E09011A-1
EB - Deck Rehab

WSDOT Approval

Region Environmental Contact	Phone	Approval
Kelsey Cogar	+1 509-577-1930	Sauriol, William

11/27/2023

Federal Highway Administration

Date

Region Environmental Manager

Date

Electronically signed through a secure system.

Part 1 - Project Description

PIN(S):

Federal Aid Number:	IM-0903(083)
Description of Work:	Remove the existing deck overlay in the lanes and left shoulder, perform further deck repairs in select areas, pour back a new concrete overlay, replace striping, and provide temporary traffic control. Install temporary bridge over Wilson Creek to facilitate a median detour crossover. Install scaffolding spanning Wilson Creek to complete soffit repairs on EB bridge.
Needs & Purpose:	The existing concrete bridge deck has potholes, patches, spalling, rutting, and cracking. Per the HQ Bridge and Structures Office the deck condition has dropped below the adopted acceptable rating and is due for rehabilitation, and in conjunction with the 2020 Project Delivery Plan this project has a construction year of 2023. The bridge had an overlay applied in 1981, and was widened in 2002.
Statement of purpose:	Rehabilitate the deck on the westbound Wilson Creek Bridge 90/162N to extend the service life of the structure.

Project Location

SR: 090 Begin MP: 109.13 End MP: 109.15

WSDOT Region: South Central

County/Countries: Kittitas

Right of Way

Will ROW be needed for this project? No

ROW Notes:

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Section, Township, Range: S 11, T17 N, R 11 E

Statewide Transportation Improvement Program (STIP) Confirmation

Are all phases of the project included in the STIP? Yes

list the STIP/STIP Amendments: 2023-2026

Part 2 - Project Environmental Documentation

NEPA Classification: FHWA Categorical Exclusion (CE) 23 CFR 771.117

NEPA Subsection: C22: Project within the existing operational ROW

SEPA Classification: Categorical Exemption

SEPA Subsection: WAC 468-12-800(1)(U) All repair, maintenance, or minor alteration of existing facilities within jurisdiction of the Transportation Department.

Federal Agency Concurrence is required: 5/12/2023

Endangered Species Act

USFWS Consultation: Programmatic	Determination: May affect not likely to adversely affect	Date: 10/18/2023
NOAA Consultation: Programmatic	Determination: May affect not likely to adversely affect	Date: 10/25/2023
	May Adversely Affect	10/18/2023

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National Historic Preservation Act: Section 106

Has a Cultural Resources Specialist review this project? Yes

Is the project on tribal lands? No

Is the project on Forest Service or other Federal land? No

Are there any National Register-eligible historic bridges within the project limits? No

Is the project exempt from further review under the 2018 Programmatic Agreement with FTA, FHWA and SHPO? Yes

Exemption(s): A-10 Bridge deck pavers and striping projects.

Will a cultural resources survey be required?

Determination of effect:

Date of SHPO concurrence with determination:

If Adverse Effect, date of execution of Memorandum of Agreement:

Notes:

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Part 3 - Permits & Approvals

<p>Federal:</p> <p><input type="checkbox"/> US Army Corps of Engineers</p> <p style="margin-left: 20px;"><input type="checkbox"/> Section 404 <input type="checkbox"/> Section 10</p> <p><input type="checkbox"/> Nationwide Type:</p> <p><input type="checkbox"/> Individual</p> <p><input type="checkbox"/> US Coast Guard</p> <p style="margin-left: 20px;"><input type="checkbox"/> General Bridge Act</p> <p>Contact Date:</p> <p><input type="checkbox"/> Private Aids to Navigation (non-bridge project)</p>	<p>State:</p> <p><input type="checkbox"/> Hydraulic Project Approval (HPA)</p> <p><input type="checkbox"/> General Hydraulic Project</p> <p>Type:</p> <p><input type="checkbox"/> Section 401 Water Quality Certification</p> <p>Certifying Entity:</p> <p>Certification Type:</p> <p><input type="checkbox"/> Aquatic Use Authorization (WDNR)</p> <p><input type="checkbox"/> Coastal Zone Management Certification (CZM)</p> <p>County: Unassigned</p> <p><input type="checkbox"/> Forest Practice Approval</p> <p>Agency Name:</p> <p><input type="checkbox"/> NPDES Construction Stormwater Permit</p> <p style="margin-left: 20px;"><input type="checkbox"/> General</p> <p style="margin-left: 20px;"><input type="checkbox"/> Individual</p> <p><input type="checkbox"/> Temporary Erosion Sediment Control Plan (TESC)</p> <p><input type="checkbox"/> GEO 21-02</p>
<p>Local:</p> <p><input type="checkbox"/> Critical Areas Ordinance Compliance (CAO)</p> <p>Issuing Agency: Kittitas County Community Development</p> <p>List of CAO permits in notes section.</p> <p><input type="checkbox"/> Jurisdictional Stormwater Manual</p> <p>Issuing Municipality:</p> <p><input type="checkbox"/> Noise Variance (e.g. nighttime construction or maint.)</p> <p>Issuing Agency: Kittitas County</p> <p><input type="checkbox"/> Flood Plain Development Permit</p> <p>Issuing Agency:</p> <p><input type="checkbox"/> Shoreline Management Program</p> <p>Issuing Agency: Kittitas County</p> <p>Permit Type: Exemption – List Type</p>	<p>Tribal:</p> <p>Tribe Name:</p> <p>List of permits and approval in the Notes section below.</p>
<p>Other Plans/Approvals:</p> <p><input type="checkbox"/> MBTA Permit Required</p> <p><input type="checkbox"/> BE Permit Required or Bird Management Plan Required</p> <p><input type="checkbox"/> Incidental Harassment Authorization</p> <p><input type="checkbox"/> Other (See notes.)</p>	

Notes: Federal: See MBTA memo for Bird Protection and Mitigation measures. Include bird protection GSP in contract.
 State: All cementitious water and debris will be contained to avoid discharge to Wilson Creek. All work will remain above OHWM. Scaffolding structure will not impact streambed surface.
 Local: Kittitas County Public Agency Use Exemption requires a 15-ft building set back (Critical Areas Ordinance Compliance). Night work is permitted from April 2, 2024 - October 9, 2024 (Noise Variance).

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Part 4 - Environmental Context

4a) Air Quality

1. Is the project located in a maintenance or nonattainment area? No
2. Is the project likely to have > 140,000 AADT? No

4b) Wetlands/Critical Areas/Resource Lands

1. Will wetlands be impacted by the project? No
2. Will the project affect fish, wildlife or habitat? No
3. Are there fish barriers present within the project Area? No
Is the project within the Injunction Case Area Boundary?
4. Is there the potential to impact MBTA? Yes
Was an MBTA survey conducted? Yes 5/18/2023
5. Is the project located in a Sole Source Aquifer? No
6. Is the project located in a critical aquifer recharge area? No
7. Will the project impact a geologically hazardous area? No
8. Will the project require work in water or below the estimated OHWM? No
9. Is the project located in a 100-year Floodway? No
Is the project located in a 100-year Floodplain? No

4c) Hazardous Materials

1. Does the project require excavation below the existing ground surface? No
2. Does the project require excavation below the existing roadway prism? No
3. Will any properties be acquired as part of this project? No
4. Does the project anticipate conducting modifications(rennovation or demolition) to any WSDOT structures? (Ex.Bridges or WSDOT buildings) Yes
5. Based on the information above and the project specific activities, is there a potential for the project to acquire any known or potentially contaminated properties, or encounter contaminated soils, groundwater or surface water? No

Therefore, based on the proposed project description and construction activities, WSDOT is unlikely to assume liability for cleanup of contaminated soil or groundwater as part of this project, and it is concluded that no significant, unavoidable adverse impacts that cannot be mitigated for are expected for the following reasons: 1) No known or suspected contaminated properties are being acquired; 2) Soil disturbance is anticipated to be less than 1 foot below ground surface with no known or suspected contamination; 3) Contaminated groundwater will not be encountered as part of this project. No further investigation is warranted at this time.

4d) Noise

1. Is this project a Type 1 noise project? No
2. Do previous noise mitigation commitments exist within or adjacent to the project limits? No
3. Is a noise study required?

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4e) Land Use

1. Are there any Section 4(f) resources (parks, recreation areas, wildlife refuges, historic properties) impacted/used within the project limits? No
5. Are there any properties within the project limits that used funds from the Land & Water Conservation Fund Act or any other RCO grant funds? No
6. Is there a Wild and Scenic River (state or federally designated, "study river", or on the National Rivers Inventory) in or near the project area? No
7. (LAO to Complete) Is the project located on a Scenic Byway? Yes
Name: Mountains to Sound Greenway
8. (LAO to Complete) Is the project located on a State Scenic & Recreational Highway? Yes
Scenic classification: BX
(per Utilities Accommodation Policy Manual M 22-86).
9. Will farmland be converted for the project? No
- 10 Will other resource land (i.e. forest lands, mineral resource lands) be impacted? No

4f) Title VI/Environmental Justice

1. Will the project require detailed EJ analysis? No
Exemption number and description: 9. Bridge and ferry terminal painters and/or bridge, ferry terminal and culvert maintenance, repair or replacement within the existing right of way that do not require detours.
Notes: This project is unlikely to have an adverse effect that disproportionately impacts a minority or low-income population. See attached EJ summary for supporting demographic information.

4g) Water Quality/Stormwater

1. Will the project increase runoff? No
2. Will water quality treatment be required per the HRM or a more stringent manual local stormwater management manual? No
3. Does a TMDL waterbody have the potential to receive a discharge? No
4. Does a 303d waterbody have the potential to receive a discharge? No

4h) Visual Quality/Roadside Policy Manual/Aesthetics

1. (LAO to Complete) Will the project disturb the roadside? (e.g. Cuts, fills, new lighting, clearing & grading, realignment, structures) No
2. (LAO to Complete) Will the project disturb Resource Conservation Areas? (See Roadside Policy Manual M 3110) No

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4i) Long-term Environmental Commitments

1. Were previous long-term environmental commitments (environmental commitments that extend beyond the end of the construction phase such as wetland monitoring, preservation of landscape buffers, stormwater BMP, etc.) made within the project limits? **No**
2. Will the project create long-term environmental commitments (environmental commitments that extend beyond the end of the construction phase such as wetland monitoring, preservation of landscape buffers, stormwater BMP, etc)? No

4j) Summary

1. Briefly describe environmental issues likely to affect design and mitigation measures for this project:

This ECS covers PINs 509011A and 509016V.

Attached Files

EJ package_XL6364.pdf

Vicinity Map_E09011A.pdf

STIP_509011A.pdf

STIP_509016V.pdf

20230925-NoiseVar-E09011A.pdf

20230621-AsbestosGFI-E09011A.pdf

20230516-Sec106Ex-E09011A.pdf

20231018-LOC-NMFS-E09011A.pdf

20231025-LOC-USFWS-E09011A.pdf

ERS_509011A.pdf

ERS_509016V.pdf

20231016-MBTA-E09011A.pdf