

Part 1 Project Description			
Federal Aid Project Number BRM-3246(011,012)	Route Puyallup Avenue	Date 1/6/2010	Intent of Submittal <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> Final <input type="checkbox"/> Re-Evaluate
Agency City of Tacoma		Federal Program Title <input checked="" type="checkbox"/> 20.205 <input type="checkbox"/> Other	
Project Title Puyallup Avenue Bridge Replacement			
Beginning MP <u>approx 0.04</u>	Townships <u>20 N</u>		
Ending MP <u>approx 0.22</u>	Ranges <u>03 E</u>		
Miles <u>0.18</u>	Sections <u>03 and 10</u>		
County Pierce			
Project Description - Describe the proposed project, including the purpose and need for the project. The Puyallup Bridge is 2,500 ft. long. This project will replace two segments. The first segment is 200 ft. long and is known as F16A. The second segment is 600 ft. long and is known as F16B. F16A & F16B will be striped for 3 lanes until the entire bridge is capable of handling 4 lane traffic.			

Part 2 Environmental Classification	
<p style="text-align: center;">NEPA</p> <input type="checkbox"/> Class I - Environmental Impact Statement (EIS) <input checked="" type="checkbox"/> Class II - Categorical Excluded (CE) CE Type (from 23 CFR 771.117) <u>(d) 3</u> <input checked="" type="checkbox"/> Projects Requiring Documentation (Documented CE) (LAG 24.22) <input type="checkbox"/> Programmatic CE MOU <input type="checkbox"/> Class III - Environmental Assessment (EA)	<p style="text-align: center;">SEPA</p> <input type="checkbox"/> Categoricaly exempt per WAC 197-11-800 <input checked="" type="checkbox"/> Determination of Non-Significance (DNS) <input type="checkbox"/> Environmental Impact Statement (EIS) <input type="checkbox"/> Adoption <input type="checkbox"/> Addendum <input type="checkbox"/> Supplemental (For informational purpose only)

NEPA Approval Signatures



 Local Agency Approving Authority

15 Jan 2010

 Date

 Regional Local Programs Engineer

 Date

 Highways and Local Programs Environmental Engineer

 Date

 Federal Highway Administration

 Date

Completed By (Print Official's Name) Erik Schwartz, Herrera Environmental	Telephone (include area code) 360 754 7644	Fax (include area code) 360 754 7944	E-mail eschwartz@herrerainc.com
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Part 3 Permits and Approvals Required

Yes	No	Permit or Approval	Yes	No	Permit or Approval
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Corps of Engineers <input type="checkbox"/> Sec. 10 <input checked="" type="checkbox"/> Sec. 404 <input checked="" type="checkbox"/> Nationwide Type _____ <input type="checkbox"/> Individual Permit No. _____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Rights Permit
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Coast Guard Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Water Quality Certification - Sec. 401 Issued by <u>WA Dept. of Ecology</u>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Coastal Zone Management Certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tribal Permit(s), (If any) _____ _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Critical Area Ordinance (CAO) Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other Permits (List): <u>City of Tacoma height variance</u> _____ _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Forest Practice Act Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	ROW Acquisition Required
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Hydraulic Project Approval	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is relocation required?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Local Building or Site Development Permits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is a detour required?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Local Clearing and Grading Permit			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Pollutant Discharge Elimination System (NPDES) Baseline General for Construction			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Shoreline Permit			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	State Waste Discharge Permit			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	TESC Plans Completed			

Part 4 Environmental Considerations

Will the project involve work in or affect any of the following? Identify proposed mitigation. Attach additional pages or supplemental information if necessary.

1. Air Quality - Identify any anticipated air quality issues.

Is the project included in the Metropolitan Transportation Plan? Yes No

If Yes, date Metropolitan Transportation Plan was adopted. 10/22/09

Is the project located in an Air Quality Non-Attainment Area or Maintenance Area (for carbon monoxide, ozone, or PM10)? Yes No

Is the project exempt from Air Quality conformity requirements? Yes No

If yes, identify

The project is included in the Air Quality Conformity Analysis of the Puget Sound Regional Council 2010 -2013 Transportation Improvement Plan (attached).

2. Critical/Sensitive Areas - Identify any known Critical or Sensitive Areas as designated by local Growth Management Act ordinances.

a. Is this project within an Aquifer Recharge Area, Wellhead Protection Area, or Sole Source Aquifer? Yes No

If located within a sole source aquifer, is the project exempt from EPA approval? Yes No

If yes, please list exemption _____

If no, date of EPA approval 12/28/09

b. Is this project located in a Geologically Hazardous Area? Yes No

If so, please describe

The project is not located within an erosion or landslide hazard area, but is located within seismic hazard area and volcanic hazard area according to the City of Tacoma Comprehensive Plan Environmental Policy Element (attached).

c. Will this project impact Species/Habitat other than ESA listed species? Yes No

Explain your answer.

No. The project is within a developed industrial area and does not cross the Puyallup River. The project will incorporate Best Management Practices to conserve species and habitat.

Is the project within Bald Eagle nesting territories, winter concentration areas or bald eagle communal roosts?

Yes No

Will blasting, pile driving, concrete saw cutting, rock drilling, or rock scaling activities occur within one-mile of a bald eagle nesting area?

Yes No

d. Are wetlands present within the project area? Yes No If Yes, estimated area of impact in acre(s): 0.31
 (Please attach a copy of the proposed mitigation plan)

Part 4 Environmental Considerations - Continued

3. Cultural Resources/Historic Structures - Identify any historic, archaeological, or cultural resources present with the project's area of potential effects.

Does the project fit into any of the exempt types of projects listed in LAG Sect. 24.8? Yes No
If Yes, note exemption below.

If No: Date of DAHP concurrence _____
Date of Tribal consultation(s) (if applicable) _____
Adverse affects on cultural/historic resources? Yes No
If Yes, date of approved Section 106 MOA _____

The existing bridge is recommended eligible for the National Register of Historic Places (NWAA 2006). APE concurrence from DAHP was received 3/16/06. A cultural resources report was prepared 10/20/06.

4. Flood Plains or Ways

Is the project located in a 100-year flood plain? Yes No
If yes, is the project located in a 100-year floodway? Yes No
Will the project impact a 100-year flood plain? Yes No (If Yes, describe impacts.)

5. Hazardous and Problem Waste - Identify potential sources and type.

Does this project require excavation below the existing ground surface? Yes No

Is this site located in an undeveloped area (i.e., no buildings, parking or storage areas, and agriculture (other than grazing), based on historical research? Yes No

Is this project located within a one-mile radius of a site of a Confirmed or Suspected Contaminated Sites List (CSCSL) maintained by Department of Ecology? Yes No

Is this project located within a 1/2-mile radius of a site or sites listed on any of the following Department of Ecology Databases?

- Voluntary Cleanup Program (VCP)
- Underground Storage Tank (UST)
- Leaking Underground Storage Tank (LUST)

Has site reconnaissance (windshield survey) been performed? Yes No
If so identify any properties not identified in the database search that may affect the project (name, address and property use).

See attached.

Based on the information above and project specific activities, is there a potential for the project to generate contaminated soils and/or groundwater? Yes No

If yes, explain:

See attached.

If you answered yes to any of the questions in Section 5. Hazardous/Waste, contact your Region LPE for assistance before continuing with this form.

Part 4 Environmental Considerations - Continued

6. Noise

- Does this project involve constructing a new roadway? Yes No
- Is there a change in the vertical or horizontal alignment of the existing roadway? Yes No
- Does this project increase the number of through traffic lanes on an existing roadway? Yes No
- Is there change in the topography? Yes No
- Are auxiliary lanes extending 1-1/2 miles or longer being constructed as part of this project? Yes No

If you answered yes to any of the preceding questions, identify and describe any potential noise receptors within the project area and subsequent impacts to those noise receptors. (Please attach a copy of the noise analysis.)

The project is within an industrial area that currently supports, and is characterized by, an existing roadway and railroad. The area is not immediately adjacent to residences and potential noise receptors were not identified.

If impacts are identified, describe proposed mitigation measures.

None.

7. Parks, Recreation Areas, Wildlife Refuges, Historic Properties, Wild and Scenic Rivers/Scenic Byways, or 4 (f)/6 (f).

- a. 4(f) Please Identify any properties within the project limits and areas of impacts.

The existing bridge is recommended eligible for the National Register of Historic Places (NWAA 2006) as noted in Part 4-3 of the ECS (above).

- b. 6(f) Please Identify any properties within the project limits and areas of impact.

None.

- c. Please list wild scenic rivers and scenic byways.

None.

8. Resource Lands - Identify any of the following resource lands within 300 feet of the project limits and those otherwise impacted by the project.

- a. Agricultural Lands Yes No

Describe Impacts

None.

If present, is resource considered to be prime and unique farmland? Yes No

If Yes, date of approval from Natural Resources Conservation Service (NRCS) _____

- b. Forest/Timber Yes No

Describe Impacts

None.

- c. Mineral Yes No

Describe Impacts

None.

Part 4 Environmental Considerations - Continued

9. Rivers, Streams (Continuous, Intermittent), or Tidal Waters

- a. Identify all waterbodies within 300 feet of the project limits or that will otherwise be impacted.

Fisheries WA Stream No. _____ Ecology 303d Report No. 2008
(if known) Reason for 303d listing no impairments within TRS
Date of Report 1/29/09

Waterbody common name Puyallup River

- b. Identify stream crossing structures by type.

The subject bridges (F16A and F16B) comprise a multi-span concrete and steel truss structure supported by concrete columns that connects to an existing steel truss bridge which, in turn, is supported by concrete piers and crosses the Puyallup River. A portion of the bridge replacement project area is located within 300 feet of the Puyallup River. However, the area is landward of the existing dike and the project bridges (F16A and F16B) do not cross or extend over the Puyallup River.

- c. Water Resource Inventory Area (WRIA) No. & Name 10 Puyallup / White

10. Tribal Lands - Identify whether the project will impact any Tribal lands. (This includes reservation, trust and fee lands.)

There will be a temporary construction easement in a portion of an undeveloped lot immediately adjacent to the bridge, which is identified as Tax Parcel Number 4715023640 Super of Indian Affairs - USA (highlighted on ROW plan, attached). Although no permanent structure will be built on the ground within the parcel, a permanent ROW acquisition is being pursued for occupancy of the air (the new bridge will extend into the parcel covering an estimated area of 3,649 square feet above the ground.

11. Visual Quality

Will the project impact roadside classification or visual aspects? Yes No (If Yes, identify the impacts.)
(Such as aesthetics, light, glare and night sky impacts.)

The new cable stay design will extend higher than the existing bridge structure. However, this change from current conditions is not expected to have significant effects on aesthetics as the project is located within an existing developed industrial area.

12. Water Quality/Storm Water

Has NPDES municipal general permit been issued for this WRIA? Yes No

Amount of existing impervious surface within project limits: 1.09 acres

Net new impervious surface to be created as a result of project: 0.45 acres (see note)

Will this project's proposed stormwater treatment facility be consistent with the guidelines provided by either WSDOT's HRM, DOE's western or eastern Washington stormwater manuals, or a local agency equivalent manual? Yes No

If no, explain proposed water quality/quantity treatment for new and any existing impervious surface associated with proposed project.

Note: of the net increase in impervious surface area (0.45 acres), 0.24 acres is additional road surface, while the remaining 0.21 acres is associated with new sidewalks and bridge cable anchors.

Part 4 Environmental Considerations - Continued

13. Commitments

a. Environmental Describe existing environmental commitments that may affect or be impacted by the project:
(For example, previous mitigation that may have been constructed within the project limits.)

None.

b. Long-Term Maintenance Commitments

Are long-term maintenance commitments necessary for this project above and beyond normal on-going maintenance? Yes No If so, please identify.

Wetland restoration to compensate for temporary disturbance may require monitoring of vegetation survival as determined in a restoration plan that will be approved by the City of Tacoma and U.S. Army Corps of Engineers.

14. Environmental Justice

Does the project meet any of the exemptions, as noted in LAG Section 24.10.101? Yes No (If Yes, Please note exemption and appropriate justification in the space below.)

The project area is located in an industrial area and no minority populations are present (see attached census data). The project will not result in the displacement of residents. The project, including the detour route, will not impact access to services, or disrupt emergency services or public transportation.

If no, are minority and/or low income populations located within the limits of the project's potential impacts?

Yes No (If no, attach appropriate data to support finding.)

If yes, describe impacts and attach appropriate supporting documentation.

Part 5 Biological Assessment and EFH Evaluations

1. Are there any listed or proposed species and/or designated or proposed critical habitat located within the proposed project's action area? Yes No (Please attach species listings.)

Affected ESA Listed Species	2. Will any construction work occur within 0.5 miles of any of the following:	3. Does the project involve blasting, pile driving, concrete sawing, rock drilling, or rock scaling activities within 1 mile of any of the following?
Spotted owl management circles or designated critical habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Marbled murrelet nest or occupied stand, or designated critical habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Western snowy plover designated critical habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Listed Marine Mammal?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Canada lynx habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Gray wolf habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Grizzly bear habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Brown pelican night roosts?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Woodland caribou habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
A mature coniferous or mixed fixed forest stand?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Part 5 Biological Assessment and EFH Evaluations - Continued

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|---|---|
| 4. Will the project involve any in-water work? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. Will any construction work occur within 300 feet of any permanent or intermittent waterbody, which either supports or drains into a listed fish supporting waterbody? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 6. Will any construction work occur within 300 feet of any wetland, pond, or lake that is connected to any permanent or intermittent waterbody? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 7. Does the action have the potential to directly or indirectly impact designated critical habitat for salmonids (including adjacent riparian zones)? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 8. Will the project affect the water regime of, or utilize any water from a waterbody, which supports or drains into a listed fish supporting waterbody; or any wetland, pond, or lake? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 9. Will construction work occur outside the existing pavement? If Yes, go to 9a. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 9a. Will construction activities occurring outside the existing pavement involve clearing, grading, filling, or modifications of vegetation or tree cutting? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 10. Are there any Federal threatened, endangered, proposed or candidate plant species located within the project limits?
(If so, please attach a list of plant species within the action area) | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

Determination

If each of the questions in the preceding section resulted in a "no" response or if any of the questions were checked "yes", but adequate justification can be provided to support a "no effect" determination, then check "No effect" below. If this checklist cannot be used for ESA Section 7 compliance (i.e., adequate justification cannot be provided or a "may affect" determination is anticipated), a separate biological assessment document is required.

	NOAA Fisheries	USFWS
<input checked="" type="checkbox"/> No Effect	_____	_____
<input type="checkbox"/> NLTAA Date of Concurrence	_____	_____
<input type="checkbox"/> LTAA Date BO Issued	_____	_____
Date of First 6 Mo. Update	_____	_____

Essential Fish Habitat Determination:

No Adverse Effect

Adverse Effect. Date of NOAA Concurrence _____

Analysis for No Effects Determination (Required if any item in Section 5 was checked Yes). (Please attach additional sheets if needed.)

See the supplemental description (attached).