

Federal Aid Project Number: BROS-1140(066)	Date:	Intent of Submittal: <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> Final <input type="checkbox"/> Re-Evaluate
Agency: Seattle Department of Transportation	Project Title: Post Avenue Bridge Replacement	
County:		
Beginning MP: <u>Marion Street</u>	Township(s): <u>24</u>	
Ending MP: <u>Columbia Street</u>	Range(s): <u>4</u>	
Miles: <u>0.045</u>	Section(s): <u>6</u>	

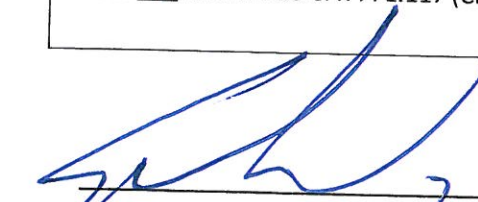
Part 1 - Project Description

Remove existing bridge superstructure and portions of existing substructure and replace with a new permanent roadway.

Part 2 - Categorical Exclusion

Select one CE from 23 CFR 771.117 (CE Guidebook - Appendix A) that fits the entire project C(28)

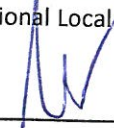
NEPA Approval Signatures



 Local Agency Approving Authority, Scott Kubly, SDOT Director



 Regional Local Programs Engineer



 Local Programs Environmental Engineer



 Federal Highway Administration

8/12/16

 Date

6 Sept. 2016

 Date

9/13/16

 Date

9/13/16

 Date

Completed by (Print Official's Name): Denise M. Healy	Telephone (include area code): 206-684-0409	E-mail address: Denise.Healy@seattle.gov
--	--	---

Part 3 - Permits, Approvals & Right of Way (ROW)

Yes	No	Permit or Approval	Yes	No	Permit or Approval
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Corps of Engineers <input type="checkbox"/> Sec. 10 <input type="checkbox"/> Sec. 404 <input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	Water Quality Certification – Section 401 Issued by _____
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Coastal Zone Management Certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tribal Permit(s) (if any) _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Critical Areas Ordinance (CAO) Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other Permits (List) _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Forest Practices Act Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	ROW acquisition required? If yes, amount needed: _____
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hydraulic Project Approval	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is relocation required?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local Building or Site Development Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has ROW already been acquired for this project? If yes, attach responses to Appendix F in the CE Guidebook.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local Clearing and Grading Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has an offer been made or have negotiations begun to acquire ROW for this project? If yes, attach responses to Appendix F in the CE Guidebook.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	National Pollutant Discharge Elimination System (NPDES) Baseline General for Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is a detour required? If yes, please attach detour information.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Shoreline Permit			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	State Waste Discharge Permit			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	TESC Plans Completed			

Other Federal Agencies - Does the project involve any federal properties, approvals or funding from other/additional federal agencies? Yes No If Yes, please describe.

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 exempt from Air Quality conformity requirements? Yes No
If Yes, identify exemption – please refer to Appendix G in the CE Guidebook for a list of exemptions.
- Is the project included in the Metropolitan Transportation Plan? Yes No
If Yes, date Metropolitan Transportation Plan was adopted 11/10/2015
- Is the project located in an Air Quality Non-Attainment Area or Maintenance Area for carbon monoxide, ozone or PM 10? Yes No

2. Critical and Sensitive Areas

- Is this project within a sole source aquifer Yes No
If located within a sole source aquifer, is the project exempt from EPA approval?
If Yes, please list exemption: _____
If No, date of EPA approval: _____
- Will this project impact Species/Habitat other than ESA listed species? Yes No Explain your answer.
Is this project within one mile of a Bald Eagle nesting territory, winter concentration area or communal roost?
 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
- Are wetlands present within the project area? Yes No If Yes, estimate the impact in acres: _____
Please attach a copy of the proposed mitigation plan.

3. Cultural Resources/Historic Structures – Identify any historic, archaeological or cultural resources present within the project's Area of Potential Effects.

Does the project fit into any of the exempt types of projects listed in Appendix J of the CE Guidebook?
 Yes No If Yes, note exemptions below.

If No: Date of DAHP concurrence: 8/23/16

Date of Tribal consultation(s) (if applicable): NA

Adverse effects on cultural/historic resources? Yes No

If Yes, date of approved Section 106 MOA: _____

4. Floodplains and Floodways

Is the project located in a 100-year floodplain? Yes No

If Yes, is the project located within a 100-year floodway? Yes No

Will the project impact a 100-year floodplain? Yes No If Yes, describe impacts.

5. Hazardous and Problem Waste – Identify potential sources and type(s).

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

b) Will groundwater be encountered? Yes No

c) Will any properties be acquired as part of this project? Yes No

d) Is this site located in an undeveloped area (*i.e.* no buildings, parking, storage areas or agriculture?) Yes No

e) Is the project located within a one-mile radius of a known Superfund Site? Yes No

f) Is this project located within a ½-mile radius of a site or sites listed on any of the following Department of Ecology databases? Yes No If Yes, check the appropriate boxes below.

Voluntary Cleanup Program (VCP), State Cleanup Site (SCS), or Independent Cleanup Program (ICP)

Underground Storage Tank (UST)

Leaking Underground Storage Tank (LUST)

Confirmed and Suspected Contaminated Sites List (CSCSL)

g) Has site reconnaissance (windshield survey) been performed? Yes No (Please identify any properties not identified in the Ecology or ERS database search as an attachment -- name, address and property use).

h) Based on the information above and project specific activities, is there a potential for the project to generate, acquire or encounter contaminated soils, groundwater or surface water? Yes No

Please explain:

SDOT has evaluated data from the Ecology Toxic Cleanup database and the City of Seattle GIS in relationship to the proposed project activities and determined that contaminated soils and groundwater will not be encountered on this project. In the unlikely event that contaminated soils do appear, SDOT will invoke our robust standards for unexpected discoveries to insure that all soils are handled per State regulations. Please see the Appendix for the detailed evaluation.

If you responded **Yes** to any of the following questions (5A – 5C, 5F and 5H), contact your Region LPE for assistance as a "Right-Sized" HazMat Analysis Report/Memorandum most likely will be required.

Part 4 - Environmental Considerations (continued)

6. Noise

Does the 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 the project increase the number of through traffic lanes on an existing roadway? Yes No

Is there a change in the topography? Yes No

Are there auxiliary lanes extending 1-½ 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 if required.

If impacts are identified, describe proposed mitigation measures.

7. 4(f)/6(f) Resources: parks, recreation areas, wildlife refuges, historic properties, wild & scenic rivers, scenic byways

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

The Post Avenue Bridge is located adjacent and immediately to west of the Colman Building, a Historic Landmark located at 801 1st Avenue. The Pioneer Square Historic District boundary ends in the middle of Columbia Street approximately 25 feet south of the bridge. The project area is not located within any historic district.

No "use" for Section 4(f). see attached email - NW

b. Please identify any properties within the project limits that used funds from the Land & Water Conservation Fund Act. *None*

c. Please list any Wild and Scenic Rivers and Scenic Byways within the project limits. *None*

8. Agricultural Lands – Are there agricultural lands within 300 feet of the project limits? Yes No

If Yes, describe impacts:

Are impacted lands considered to be unique and prime farmland? Yes No

If Yes, date of project review by Natural Resource Conservation Service (NRCS): _____

9. Rivers, Streams (continuous or intermittent) or Tidal Waters

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

None

b. Identify stream crossing structures by type.

NA

Part 4 - Environmental Considerations (continued)

10. Tribal Lands – Identify whether the project will occur within any Tribal lands, including reservation, trust and fee lands. Please do not list usual and accustomed area.

The project will not occur within any tribal lands.

11. Water Quality/Stormwater

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

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

The project area drains to the King County wastewater treatment system so the Ecology stormwater management manual provisions do not apply. The project will follow requirements of Seattle stormwater code regarding drainage in combined sewer areas.

Amount of existing impervious surface within the project limits: 8,640

Net new impervious surface to be created as a result of this project: 0

12. Previous Environmental Commitments

Describe previous environmental commitments that may affect or be affected by the project – if any.

There are no previous environmental commitments.

13. Environmental Justice

Does the project meet any of the exemptions noted in Appendix L of the CE Documentation Guidebook? Yes No

If Yes, please note the exemption and appropriate justification in the space below.

- 1) Roadway surface replacement, overlays, shoulder treatments, pavement repair, seal coating, pavement grinding, and pavement marking, that do not expand the existing wearing surface and ;
- 4) Repair or replacement of curb and gutter, sidewalks and catch basins within the same location.

NO R/W needed. Right of way is less than one block per attached map

If No, are minority or low-income populations located within the limits of the project's potential impacts? Yes No

If No, attach appropriate data to support findings. If Yes, describe impacts and attach appropriate supporting documentation. Findings should be confirmed using at least two information sources. Please refer to the CE Guidebook for more information.

Part 5 - Biological Assessments and EFH Evaluations

1. Do any listed species potentially occur in the project's action area and/or is any designated critical habitat present within the project's action area? Yes No Attach species listings.

Affected ESA Listed Species	2. Will any construction work occur within 0.5 mile of any of the following?	3. Does the project involve blasting, pile driving, concrete sawing, rock-drilling or rock-scaling activity within one mile of any of the following?
Oregon Spotted Frog proposed critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Yellow-billed Cuckoo suitable habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Spotted Owl management areas, designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Part 5 - Biological Assessments and EFH Evaluations cont.

Marbled Murrelet nest or occupied stand, designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Western Snowy Plover designated critical habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the project within 0.5 mile of marine waters? If Yes explain potential effects on Killer Whales and on Marbled Murrelet foraging areas.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Killer Whale designated critical habitat?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Grizzly Bear suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gray Wolf suitable habitat?	<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
Columbia White-tailed Deer suitable habitat?	<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
Streaked Horned Lark designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Taylor's Checkerspot designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mazama Pocket Gopher designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Eulachon designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Rockfish proposed critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
A mature coniferous or mixed forest stand?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Will the project involve any in-water work?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Will any construction work occur within 300 feet of any perennial or intermittent waterbody that either supports or drains to waterbody supporting listed fish?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" 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	<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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Will the project discharge treated or untreated stormwater runoff or utilize water from a waterbody that supports or drains into a listed-fish supporting waterbody?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. Will construction occur outside the existing pavement? If Yes go to 9a.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9a. Will construction activities occurring outside the existing pavement involve clearing, grading, filling or modification of vegetation or tree-cutting?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. Are there any Federally listed Threatened or Endangered plant species located within the project limits? If Yes, please attach a list of these plant species within the action area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Does a mature coniferous or mixed forest stand occur within 200' of the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Analysis for No Effects Determination – If there are any Yes answers to questions in Part 5, additional analysis is required. Attach additional sheets if needed.

The project is located over 500 feet from the shoreline of Elliott Bay, an urbanized portion of Puget Sound. There are no Marbled Murrelets present in Puget Sound. Killer Whales in Elliott Bay do not typically enter the portion of the Bay on the Seattle waterfront. The noise produced by this project will be not be greater than that produced by numerous other construction projects in the vicinity and by traffic on the Alaskan Way Viaduct (SR99). The entire project area drains to a combined sewer system that goes to the King County West Point. The project will have no direct discharge to Puget Sound.

Analysis for RRMP ESA 4(d) determination for NMFS – A local agency must be certified by the Regional Road Maintenance Forum to utilize 4(d). N/A for SDOT Projects

Maintenance Category (check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> 1. Roadway Surface | <input type="checkbox"/> 6 Stream Crossings | <input type="checkbox"/> 11. Emergency Slide/Washout Repair |
| <input type="checkbox"/> 2. Enclosed Drainage Systems | <input type="checkbox"/> 7. Gravel Shoulders | <input type="checkbox"/> 12. Concrete |
| <input type="checkbox"/> 3. Cleaning Enclosed Drainage Systems | <input type="checkbox"/> 8. Street Surface Cleaning | <input type="checkbox"/> 13. Sewer Systems |
| <input type="checkbox"/> 4. Open Drainage Systems | <input type="checkbox"/> 9. Bridge Maintenance | <input type="checkbox"/> 14. Water Systems |
| <input type="checkbox"/> 5. Watercourses and Streams | <input type="checkbox"/> 10. Snow and Ice Control | <input type="checkbox"/> 15. Vegetation |

Describe how the project fits in the RRMP 4(d) Program:

Effect Determinations for ESA and EFH

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 Section 7 compliance (i.e., adequate justification cannot be provided or a "may effect" determination is anticipated), a separate biological assessment document is required.

- | | | | |
|--|-----------------------------|-----------------------------|---|
| <input checked="" type="checkbox"/> No Effect | <u> </u> | <u> </u> | EFH Determination |
| <input type="checkbox"/> NLTAA - Date of Concurrence | <u> </u> | <u> </u> | <input checked="" type="checkbox"/> No Adverse Effect |
| <input type="checkbox"/> LTAA - Date BO Issued | <u> </u> | <u> </u> | <input type="checkbox"/> Adverse Effect - Date of NMFS
concurrence <u> </u> |
| <input type="checkbox"/> RRMP 4(d) | <u> </u> | <u> </u> | |

3. Cultural Resources/Historic Structures – Identify any historic, archaeological or cultural resources present within the project’s Area of Potential Effects.

Does the project fit into any of the exempt types of projects listed in Appendix J of the CE Guidebook?

Yes No If Yes, note exemptions below.

If No: Date of DAHP concurrence: 8/23/16

Date of Tribal consultation(s) (if applicable): NA

Adverse effects on cultural/historic resources? Yes No

If Yes, date of approved Section 106 MOA: _____

4. Floodplains and Floodways

Is the project located in a 100-year floodplain? Yes No

If Yes, is the project located within a 100-year floodway? Yes No

Will the project impact a 100-year floodplain? Yes No If Yes, describe impacts.

5. Hazardous and Problem Waste – Identify potential sources and type(s).

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

b) Will groundwater be encountered? Yes No

c) Will any properties be acquired as part of this project? Yes No

d) Is this site located in an undeveloped area (i.e. no buildings, parking, storage areas or agriculture?) Yes No

e) Is the project located within a one-mile radius of a known Superfund Site? Yes No

f) Is this project located within a ½-mile radius of a site or sites listed on any of the following Department of Ecology databases? Yes No If Yes, check the appropriate boxes below.

- Voluntary Cleanup Program (VCP), State Cleanup Site (SCS), or Independent Cleanup Program (ICP)
- Underground Storage Tank (UST)
- Leaking Underground Storage Tank (LUST)
- Confirmed and Suspected Contaminated Sites List (CSCSL)

g) Has site reconnaissance (windshield survey) been performed? Yes No (Please identify any properties not identified in the Ecology or ERS database search as an attachment -- name, address and property use).

h) Based on the information above and project specific activities, is there a potential for the project to generate, acquire or encounter contaminated soils, groundwater or surface water? Yes No

Please explain:

SDOT has evaluated data from the Ecology Toxic Cleanup database and the City of Seattle GIS in relationship to the proposed project activities and determined that contaminated soils and groundwater will not be encountered on this project. In the unlikely event that contaminated soils do appear, SDOT will invoke our robust standards for unexpected discoveries to insure that all soils are handled per State regulations. Please see the Appendix for the detailed evaluation.

If you responded **Yes** to any of the following questions (5A – 5C, 5F and 5H), contact your Region LPE for assistance as a “Right-Sized” HazMat Analysis Report/Memorandum most likely will be required.

Part 4 - Environmental Considerations (continued)

6. Noise

Does the 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 the project increase the number of through traffic lanes on an existing roadway? Yes No

Is there a change in the topography? Yes No

Are there auxiliary lanes extending 1-½ 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 if required.

If impacts are identified, describe proposed mitigation measures.

7. 4(f)/6(f) Resources: parks, recreation areas, wildlife refuges, historic properties, wild & scenic rivers, scenic byways

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

The Post Avenue Bridge is located adjacent and immediately to west of the Colman Building, a Historic Landmark located at 801 1st Avenue. The Pioneer Square Historic District boundary ends in the middle of Columbia Street approximately 25 feet south of the bridge. The project area is not located within any historic district.

b. Please identify any properties within the project limits that used funds from the Land & Water Conservation Fund Act. *None*

c. Please list any Wild and Scenic Rivers and Scenic Byways within the project limits. *None*

8. Agricultural Lands – Are there agricultural lands within 300 feet of the project limits? Yes No

If Yes, describe impacts:

Are impacted lands considered to be unique and prime farmland? Yes No

If Yes, date of project review by Natural Resource Conservation Service (NRCS): _____

9. Rivers, Streams (continuous or intermittent) or Tidal Waters

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

None

b. Identify stream crossing structures by type.

NA

Part 4 - Environmental Considerations (continued)

10. Tribal Lands – Identify whether the project will occur within any Tribal lands, including reservation, trust and fee lands. Please do not list usual and accustomed area.

The project will not occur within any tribal lands.

11. Water Quality/Stormwater

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

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

The project area drains to the King County wastewater treatment system so the Ecology stormwater management manual provisions do not apply. The project will follow requirements of Seattle stormwater code regarding drainage in combined sewer areas.

Amount of existing impervious surface within the project limits: _____ 8,640 _____

Net new impervious surface to be created as a result of this project: _____ 0 _____

12. Previous Environmental Commitments

Describe previous environmental commitments that may affect or be affected by the project – if any.

There are no previous environmental commitments.

13. Environmental Justice

Does the project meet any of the exemptions noted in Appendix L of the CE Documentation Guidebook? Yes No

If Yes, please note the exemption and appropriate justification in the space below.

- 1) Roadway surface replacement, overlays, shoulder treatments, pavement repair, seal coating, pavement grinding, and pavement marking, that do not expand the existing wearing surface and ;
- 4) Repair or replacement of curb and gutter, sidewalks and catch basins within the same location.

If No, are minority or low-income populations located within the limits of the project’s potential impacts?

Yes No If No, attach appropriate data to support findings. If Yes, describe impacts and attach appropriate supporting documentation. Findings should be confirmed using at least two information sources. Please refer to the CE Guidebook for more information.

Part 5 - Biological Assessments and EFH Evaluations

1. Do any listed species potentially occur in the project’s action area and/or is any designated critical habitat present within the project’s action area? Yes No Attach species listings.

Affected ESA Listed Species	2. Will any construction work occur within 0.5 mile of any of the following?	3. Does the project involve blasting, pile driving, concrete sawing, rock-drilling or rock-scaling activity within one mile of any of the following?
Oregon Spotted Frog proposed critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Yellow-billed Cuckoo suitable habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Spotted Owl management areas, designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Part 5 - Biological Assessments and EFH Evaluations cont.

Marbled Murrelet nest or occupied stand, designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Western Snowy Plover designated critical habitat?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Is the project within 0.5 mile of marine waters? If Yes explain potential effects on Killer Whales and on Marbled Murrelet foraging areas.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Killer Whale designated critical habitat?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
Grizzly Bear suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Gray Wolf suitable habitat?	<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
Columbia White-tailed Deer suitable habitat?	<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
Streaked Horned Lark designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Taylor's Checkerspot designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Mazama Pocket Gopher designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Eulachon designated critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Rockfish proposed critical habitat or suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
A mature coniferous or mixed forest stand?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Will the project involve any in-water work?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Will any construction work occur within 300 feet of any perennial or intermittent waterbody that either supports or drains to waterbody supporting listed fish?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" 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	<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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. Will the project discharge treated or untreated stormwater runoff or utilize water from a waterbody that supports or drains into a listed-fish supporting waterbody?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. Will construction occur outside the existing pavement? If Yes go to 9a.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9a. Will construction activities occurring outside the existing pavement involve clearing, grading, filling or modification of vegetation or tree-cutting?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
10. Are there any Federally listed Threatened or Endangered plant species located within the project limits? If Yes, please attach a list of these plant species within the action area.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Does a mature coniferous or mixed forest stand occur within 200' of the project site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Analysis for No Effects Determination – If there are any Yes answers to questions in Part 5, additional analysis is required. Attach additional sheets if needed.

The project is located over 500 feet from the shoreline of Elliott Bay, an urbanized portion of Puget Sound. There are no Marbled Murrelets present in Puget Sound. Killer Whales in Elliott Bay do not typically enter the portion of the Bay on the Seattle waterfront. The noise produced by this project will be not be greater than that produced by numerous other construction projects in the vicinity and by traffic on the Alaskan Way Viaduct (SR99).

The entire project area drains to a combined sewer system that goes to the King County West Point. The project will have no direct discharge to Puget Sound.

Analysis for RRMP ESA 4(d) determination for NMFS – A local agency must be certified by the Regional Road Maintenance Forum to utilize 4(d). *N/A for SDOT Projects*

Maintenance Category (check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> 1. Roadway Surface | <input type="checkbox"/> 6 Stream Crossings | <input type="checkbox"/> 11. Emergency Slide/Washout Repair |
| <input type="checkbox"/> 2. Enclosed Drainage Systems | <input type="checkbox"/> 7. Gravel Shoulders | <input type="checkbox"/> 12. Concrete |
| <input type="checkbox"/> 3. Cleaning Enclosed Drainage Systems | <input type="checkbox"/> 8. Street Surface Cleaning | <input type="checkbox"/> 13. Sewer Systems |
| <input type="checkbox"/> 4. Open Drainage Systems | <input type="checkbox"/> 9. Bridge Maintenance | <input type="checkbox"/> 14. Water Systems |
| <input type="checkbox"/> 5. Watercourses and Streams | <input type="checkbox"/> 10. Snow and Ice Control | <input type="checkbox"/> 15. Vegetation |

Describe how the project fits in the RRMP 4(d) Program:

Effect Determinations for ESA and EFH

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 Section 7 compliance (i.e., adequate justification cannot be provided or a “may effect” determination is anticipated), a separate biological assessment document is required.

	NMFS	USFWS	EFH Determination
<input checked="" type="checkbox"/> No Effect	_____	_____	<input checked="" type="checkbox"/> No Adverse Effect
<input type="checkbox"/> NLTAA - Date of Concurrence	_____	_____	<input type="checkbox"/> Adverse Effect – Date of NMFS concurrence _____
<input type="checkbox"/> LTAA – Date BO Issued	_____	_____	
<input type="checkbox"/> RRMP 4(d)	_____	_____	

Part 6 - FHWA Comments

--