



Federal Aid Project Number 0523(010)	NEPA Start Date Nov 11, 2018	Intent of Submittal <input type="checkbox"/> Preliminary <input checked="" type="checkbox"/> Final <input type="checkbox"/> Re-Evaluate
Agency Shoreline	Project Title 145th Street Corridor Project	
County King		
Beginning Terminus: Linden Ave N Ending Terminus: I-5 Miles: 1.0	Township(s): 26N Range(s): 4E Section(s): 17, 18, 19, 20	

Part 1 - Project Description (Attach Vicinity Map)

The Project STIP page is provided as Attachment A. The 145th Street Corridor Project (Project) improvements include upgrades to roadway infrastructure including adding left turn lanes, wider sidewalks, landscaping, and traffic signal improvements. The Project improves pedestrian and bicycle mobility, safety and operations, transit speed and reliability, and freight mobility. The Project also includes improvements to enable an off-corridor bike network through parallel neighborhood streets. A detailed description of the project and project vicinity map is provided as Attachment B.

Anticipated traffic benefits of the Project:

* In the Build Alternative, Project improvements at N 145th Street/Meridian Ave N and N 145th St/1st Ave NE result in better operations and lower average vehicle delay in both a.m. and p.m. peak hours, compared to No Build.

*The Build Alternative significantly improves operations compared to No Build at N 145th St/Meridian Ave

A Land Use Assessment Memo (provided as Attachment C) provides background information on the 145th Street Station Subarea Plan developed by the City of Shoreline and the proposed changes in land use within a portion of the Project area as a result of the adoption of the plan and updates to the City of Shoreline Comprehensive Plan and development code. The Land Use memo describes the anticipated Project's property impacts and describes the Project's compliance with local planning.

Part 2 - Categorical Exclusion & STIP

- Identify one CE from 23 CFR 771.117 (CE Guidebook - Appendix A) that fits the entire project : 23
- Per 23 CFR Part 452(l) identify the subsequent project phase identified on the STIP? ROW Construction
- Attach a copy of the STIP page to the CE documentation form. (included as Attachment A)

NEPA Approval Signatures

Juca@nhaka

8/4/20

Local Agency Approving Authority

Date

Local Programs Environmental Engineer

Date

Regional Local Programs Engineer

Date

Federal Highway Administration

Date

Completed by (Print Official's Name):

Telephone (include area code):

Email address:

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

Yes	No	Permit of Approval	Yes	No	Permit of 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"/>	Coastal Zone Management Certification	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Quality Certification - Section 401 Issued by
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Critical Areas Ordinance (CAO) Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Tribal Permits(s) (if any)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Forest Practices Act Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Other Permits (List) City of Shoreline and Seattle
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hydraulic Project Approval	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is permanent ROW acquisition needed? If yes, amount needed: 2.6 acres (acres/sq. ft.)
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local Building or Site Development Permits	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is any temporary ROW needed?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local Clearing and Grading Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is relocation required?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Pollutant Discharge Elimination System (NPDES) Baseline General for Construction	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Has ROW (property and/or property interests) been acquired <u>for this project</u> prior to the NEPA start date? If yes, documentation demonstrating compliance with 23 CFR 710.501 may be required.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Shoreline Permit	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is a detour required? If yes, please attach detour information.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	State Waste Discharge Permit			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	TESC Plans Completed			

U.S. Coast Guard Permitting

- Does the project propose any new or modify any existing bridges or culverts crossing a waterway? Yes No
- If yes, attach a copy of the jurisdictional determination email from the U.S. Coast Guard.

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

a. If Yes, identify exemption - please refer to Appendix G in the CE Guidebook for a list of exemptions.

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

If Yes, date Metropolitan Transportation Plan was adopted PSRC RTP adopted on May 31, 2018

c. Is the project located in an Air Quality Non-Attainment Area or Maintenance Area for carbon monoxide, ozone or PM 10 or PM 2.5? Yes No

Part 4 - Environmental Considerations

2. Critical and Sensitive Areas

a. 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

b. Will this project impact Species/Habitat other than ESA listed species?
(If No, explain your answer) Yes No

Project is located within urbanized area. Project acquires residential properties that does not contain habitat or species.

c. Is this project within one mile of a Bald Eagle nesting territory, winter concentration area or communal roost?
 Yes No If Yes, the local agency must go to the US Fish & Wildlife website (<http://www.fws.gov/pacific/eagle/>) and work through the *Do I Need a Permit?* section.

d. 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. **The Project Cultural Resources Report is provided in Attachment D**

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

If No:

Date of DAHP concurrence: 02/25/20. The DAHP concurrence letter is provided in Attachment E.

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

Adverse effects on cultural/historic resources? Yes No

If Yes, date of approved Section 106 MOA

4. Floodplains and Floodways

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

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

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

Part 4 - Environmental Considerations

5. Hazardous and Problem Waste - Identify potential sources and types(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 the is 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 1/2-mile radius of a site or sites listed on any of the following Department of Ecology databases? (If Yes, check the appropriate boxes below.) Yes No
 - 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).

None. The majority of the properties in the Project area consist of single-family residential uses.

- 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:

There is no surface water in the project area and depth to regional groundwater is about 200 feet. There is the potential to encounter perched groundwater. The Project is primarily located in areas associated with residential development and no indication of contaminated soils in this area. There is the potential to encounter contaminated soils in the northwest corner of the 145th Street and Aurora Ave North intersection. The property in the northwest corner had leaking underground storage tanks that have been removed and the soils over excavated, but there is potential to encounter contaminated soils if perched groundwater is encountered. See Attachment F (Hazardous Materials Memorandum).

If you responded **Yes** to any of these questions above (5A – 5F or 5H), contact your Region LPE for assistance as a *right-sized* HazMat Analysis Report/Memorandum most likely will be required.

6. Noise

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

The Project widens the roadway to the north and would shift vehicles closer to residential properties.

If impacts are identified, describe proposed mitigation measures.

Increases in noise levels associated with the Project are below WSDOT's definition of a substantial increase; no noise barriers are recommended. See Traffic Noise Analysis Memo in Attachment G.

Part 4 - Environmental Considerations

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.

One Section 4(f) resource, the Interurban Trail is located in the Project impact area. This trail is part of the City's off-road trail network; see Figure 1 in Attachment B (Project Description). The Project would not acquire any land from this resource nor adversely effect its features or use by the public.

b. Please identify any properties within the project limits that used funds from the Land & Water Conservation Fund Act.

There are no Land & Water Conservation Fund Act properties in the Project area, therefore Section 6(f) does not apply to this project.

c. Please list any Wild and Scenic Rivers and Scenic Byways within the project limits.

None.

8. Agricultural Lands -

a. Are there agricultural lands within 300 feet of the project limits? Yes No

If Yes, please describe impacts.

b. 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.

None.

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 areas.

The Project is not within Tribal lands or trust and fee lands.

Part 4 - Environmental Considerations

11. Water Quality/Stormwater

a. Will this project's proposed stormwater treatment be consistent with 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.

b. Amount of existing impervious surface within the project limits: 353,132

c. Net new impervious surface to be created as a result of this project: 61,828 (per 30% design)

12. Previous Environmental Commitments

Describe previous environmental commitments that may affect or be affected by the project - If any.
None.

13. Environmental Justice

Does the project meet any of the exemptions noted in Appendix L of the NEPA CE Guidebook? . . . Yes No
If Yes, please note the exemption and appropriate justification in the space below.

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

Impacts to Environmental Justice populations are described in Attachment H 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 NEPA CE Guidebook for more information.

Part 5 - Biological Assessments and EFH Evaluations

<p>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? (If No, attach species listings.) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>Affected ESA Listed Species</p>	<p>2. Will any construction work occur within 0.25 mile of any of the following?</p>	<p>3. Does the project involve blasting, pile driving, concrete sawing, rock-drilling or rock-scaling activity within one mile of any of the following?</p>
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 checked="" 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Marbled Murrelet nest or occupied stand, designated critical habitat or suitable 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
Is the project within 0.25 mile of marine waters? If Yes explain potential effects on Killer Whales and on Marbled Murrelet foraging areas.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Killer Whale designated critical habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Grizzly Bear suitable habitat?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes <input checked="" 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
<p>4. Will the project involve any in-water work? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
<p>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</p>		
<p>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</p>		
<p>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</p>		
<p>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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		
<p>9. Will construction occur outside the existing pavement? If Yes go to 9a. <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		
<p>9a. Will construction activities occurring outside the existing pavement involve clearing, grading, filling or modification of vegetation or tree-cutting? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>		
<p>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</p>		
<p>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</p>		

07/28/20

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 within a highly urbanized area with improvements generally within existing right-of-way. There are no known biological or critical areas located within the Project area. The Project would convert areas of landscaping and mowed grasses to impervious surfaces due to roadway widening; however, landscaping is also proposed as part of the Project. Additionally, the Project will be adding treatment for the new impervious surface.

Surface water discharge will occur 500 feet or more away from the Project site to a municipal discharge system.

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). **[Project activities do not fall under definition of "maintenance" in RRMP Guidelines]**

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". 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 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) | | <input checked="" type="checkbox"/> Not Applicable |

Part 6- FHWA Comments