

Federal Aid Project Number: Not Yet Assigned		NEPA Start Date: November 13, 2019	Intent of Submittal: <input checked="" type="checkbox"/> Preliminary <input type="checkbox"/> Final <input type="checkbox"/> Re-Evaluate
Agency: City of Spokane Valley		Project Title: Barker Road Widening Project	
County: Spokane			
Beginning terminus: <u>Spokane River</u>		Township(s): <u>25 N</u>	
Ending terminus: <u>Euclid Ave.</u>		Range(s): <u>45 E</u>	
Miles: <u>0.53</u>		Section(s): <u>5, 6, 7, 8</u>	

**Part 1 - Project Description (Attach Vicinity Map)**

**Project Includes two elements:**

- 1. Provide a multi-use path on the east side of Barker Road from Spokane River to the Barker GSP.**
- 2. From Spokane River to Euclid Ave: Reconstruct and widen existing 2 lane rural county road to a 3-lane, City arterial pavement section with curb, gutter, and associated drainage improvements. Scope includes intersection improvements at Euclid Avenues (east and west, offset) and reconstruction of the transition roadway just north of the Euclid intersection.**

**The project will also include a partnership with Spokane County for the installation of sanitary sewer mainlines to serve future development along the corridor.**

**Part 2 – Categorical Exclusion & STIP**

- Identify one CE from 23 CFR 771.117 (CE Guidebook - Appendix A) that fits the entire project **23 CFR 771.117 (d)13**
- 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.

**NEPA Approval Signatures**

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): Ross Widener	Telephone (include area code): 425-503-3629	E-mail address: rwidener@prodigy.net
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**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 Quality Certification – Section 401 Issued by _____
<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	Is permanent ROW acquisition needed? If yes, amount needed: <u>27,454 sf</u> (acres/sq. ft.).
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Hydraulic Project Approval	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Is any temporary ROW needed?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Local Building or Site Development Permits	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Is relocation required?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Local Clearing and Grading Permit	<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"/>	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"/>	Water Rights Permit			

**U.S. Coast Guard Permitting**

- a. Does the project propose any new or modify **any** existing bridges or culverts crossing a waterway?  Yes  No
- b. If Yes, attach a copy of the jurisdictional determination email or letter 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.  
**Safety – Widening narrow pavements or reconstructing bridges (no additional travel lanes)**  
**Air Quality – Bicycle and pedestrian facilities**
- b. Is the project included in the Metropolitan Transportation Plan?  Yes  No  
If Yes, date Metropolitan Transportation Plan was adopted \_\_\_\_\_
- 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

**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: **pavement reconstruction, pavement marking, pathways, utility installations, intersection improvements – No aspects of project are listed in Attachment C of the MOU between WSDOT, FHWA, and EPA as all infiltration facilities and added impervious surfaces will meet WSDOT HRM, no USTs or superfund sites in project area, no aspects of project are expected to penetrate or contaminate SSA**  
If No, date of EPA approval: \_\_\_\_\_
- b. Will this project impact Species/Habitat other than ESA listed species?  Yes  No Explain your answer.  
**Project is within a developed area lacking suitable habitat. No priority habitats mapped within project area.**

- 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 & 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.

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: February 6, 2020

Date of Tribal consultation(s) (if applicable): December 9, 2019

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?  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:**

The project will excavate approximate 20 feet below the ground surface to install a sewer mainline under the roadway. The project is not expected to encounter groundwater, as data from a USGS groundwater survey for the nearby grade separation project (north of the project area) found groundwater at ~95.59 feet below ground surface. The project is not located within 0.5 miles of any sites within the above listed databases. The closest cleanup sites are the Spokane River Metals Barker Road North site (Cleanup Site 11587) and the Spokane River Metals Barker Road South site (Cleanup Site 11588). The Barker Road North site, a 0.5-acre site containing metal-contaminated sediments along the northern shoreline of the Spokane River, east of and adjacent to the Barker Road Bridge, was remediated through excavation and capping in the fall of 2012. The South site is not included on cleanup reports, but Ecology's site page lists the site's status as "Cleanup Complete – Active O&M/Monitoring", matching that of the north site. Neither site will be directly affected by this project, as the project will not include any work below the existing bridge elevation within the shoreline of the Spokane River.

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.

**Part 4 - Environmental Considerations (continued)**

**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 1-½ 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.

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.  
**None Present**
- b. Please identify any properties within the project limits that used funds from the Land & Water Conservation Fund Act.  
**None Present**
- c. Please list any Wild and Scenic Rivers and Scenic Byways within the project limits.  
**None present**

**8. Agricultural Lands –**

- a. Are there agricultural lands within 300 feet of the project limits?  Yes  No If Yes, 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.  
**The Spokane River flows east to west underneath the Barker Road bridge. This waterbody will not be affected by the project, as the project will only re-paint travel lanes on the bridge, and will not affect any property below the OHWM.**
- b. Identify stream crossing structures by type.  
**The North Barker Road – Bridge**

**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 on any tribal lands.**

**11. Water Quality/Stormwater**

- a. 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 pollution generating impervious surface associated with the proposed project.
- b. Amount of existing pollution generating impervious surface within the project limits: 134,600 S.F.
- c. Net new pollution generating impervious surface to be created as a result of this project: +15,200. S.F.
- d. Amount of proposed post-project untreated pollution generating impervious surface: 0 S.F.

**12. Previous Environmental Commitments**

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

- 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.

If No, are minority or low-income populations located within a 0.50-mile of the project?

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.

**The proposal for the project was selected to limit environmental impacts and impacts to the people of Spokane Valley while improving the corridor’s safety for vehicles and non-motorized users. During construction, there will be short-term negative impacts including construction noise and detour routes that will impact the local population. Upon completion, the project will benefit the surrounding population by providing a safer route along North Barker Road. Despite low income and minority populations presences in the project vicinity, the project is not anticipated to have disproportionately high or adverse impacts on these populations.**

**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 0.25 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 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
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 perennial or intermittent waterbody that either supports or drains to waterbody supporting listed fish?	<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	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

- habitat for salmonids (including adjacent riparian zones)?
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?  Yes  No
9. Will construction occur outside the existing pavement? If Yes go to 9a.  Yes  No
- 9a. Will construction activities occurring outside the existing pavement involve clearing, grading, filling or modification of vegetation or tree-cutting?  Yes  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.  Yes  No
11. Does a mature coniferous or mixed forest stand occur within 200' of the project site?  Yes  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.

A USFWS species list, prepared on November 15, 2019 found that only three listed species are potentially present within the project area: yellow-billed cuckoo (*Coccyzus americanus*), bull trout (*Salvelinus confluentus*), and water howellia (*Howellia aquatilis*). Yellow-billed cuckoo have been extirpated from Washington State and have not been confirmed to breed here since the 1930s, thus the project is not expected to affect this species. Furthermore, their preferred habitat is riparian forest stands greater than 50 acres dominated by willows and cottonwoods. No such habitat exists in the project vicinity as habitat along the banks of the Spokane River are highly developed and fragmented. Bull trout are present within the Spokane River, but the project will not involve work within or near the river's OHWM. Upon project completion, all new roadways will collect and treat stormwater runoff in accordance with Ecology's Stormwater Management Manual for Eastern Washington. Therefore, the project will have no effect on bull trout. Water howellia is a flowering plant found in ephemeral glacial ponds and former river oxbows that fill with spring moisture and dry throughout the growing season. As no such habitat exists within the project area, the project will have no effect on water howellia.

**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).

**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 |
| <input type="checkbox"/> LTAA – Date BO Issued       | _____ | _____ | concurrency _____                                      |

RRMP 4(d)

Not Applicable

**Part 6 - FHWA Comments**