SEPA ENVIRONMENTAL CHECKLIST

Purpose of checklist:

Governmental agencies use this checklist to help determine whether the environmental impacts of your proposal are significant. This information is also helpful to determine if available avoidance, minimization, or compensatory mitigation measures will address the probable significant impacts or if an environmental impact statement will be prepared to further analyze the proposal.

Instructions for applicants:

This environmental checklist asks you to describe some basic information about your proposal. Please answer each question accurately and carefully, to the best of your knowledge. You may need to consult with an agency specialist or private consultant for some questions. You may use "not applicable" or "does not apply" only when you can explain why it does not apply and not when the answer is unknown. You may also attach or incorporate by reference additional studies reports. Complete and accurate answers to these questions often avoid delays with the SEPA process as well as later in the decision-making process.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Instructions for Lead Agencies:

Please adjust the format of this template as needed. Additional information may be necessary to evaluate the existing environment, all interrelated aspects of the proposal and an analysis of adverse impacts. The checklist is considered the first but not necessarily the only source of information needed to make an adequate threshold determination. Once a threshold determination is made, the lead agency is responsible for the completeness and accuracy of the checklist and other supporting documents.

Use of checklist for non-project proposals:

For non-project proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the SUPPLEMENTAL SHEET FOR NON-PROJECT ACTIONS (part D). Please completely answer all questions that apply and note that the words "project," "applicant," and "property or site" should be read as "proposal," "proponent," and "affected geographic area," respectively. The lead agency may exclude (for non-projects) questions in Part B - Environmental Elements –that do not contribute meaningfully to the analysis of the proposal.

A. Background [HELP]

1. Name of proposed project, if applicable:

SR 970 Teanaway Chronic Environmental Deficiency (CED) at Milepost 6.1.

2. Name of applicant:

Washington State Department of Transportation (WSDOT).

3. Address and phone number of applicant and contact person:

WSDOT South Central Region
2809 Rudkin Rd.
Union Gap, WA 98903
Contact:
William Sauriol, Environmental Manager
Phone: (509) 577-1752; Cell: (509) 930-6501
Email: SaurioW@wsdot.wa.gov

4. Date checklist prepared:

03-2021

5. Agency requesting checklist:

WSDOT

6. Proposed timing or schedule (including phasing, if applicable):

As planned, the project will be completed within a single construction season during the applicable authorized work window for fish (August 16-September 30) in 2022.

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain:

There are currently no known future planned actions.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal:

The following documents have been prepared in support of the proposed project:

- WSDOT Lower Teanaway River Reach and Site Assessment
- WSDOT Preliminary and Final Hydraulic Design Reports
- WSDOT Wetland and Stream Mitigation Report

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain:

No other proposed projects are known of at this time.

10. List any government approvals or permits that will be needed for your proposal, if known.

The following have been or will be prepared during the project's Documentation and Permitting process:

- Endangered Species Act (ESA) Biological Assessment and Consultation
- National Historic Preservation ACT (NHPA) Section 106 Cultural Resources review
- US Army Corps of Engineers (USACE) Clean Water Act Section 404 Permit
- Washington State Department of Ecology Clean Water Act Section 401 Permit
- WDFW APPS Hydraulic Project Approval (HPA)
- Washington State DNR Aquatic Use Authorization
- Kittitas County Shoreline Substantial Development (SSD) permit
- Kittitas County Floodplain Development permit

11. Give brief, complete description of your proposal, including the proposed uses and the size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)

The Washington State Department of Transportation (WSDOT) is proposing to stabilize the right bank of the Teanaway River to prevent further erosion of the State Route 970 (SR 970) roadway prism near milepost (MP) 6.1 in Kittitas County, Washington.

The proposed design follows the Integrated Streambank Protection Guidelines (ISPGs) developed by WDFW, WSDOT, and Ecology, and therefore has no more than the minimal adverse environmental effects necessary to ensure the structure functions as intended to prevent further erosion.

WSDOT proposes to construct a 743-foot-long bank protection revetment integrated into the existing roadway prism that combines a wood and rock crib-wall with two bioengineered rock and large woody material (LWM) sections. The crib-wall will be centered near the point where bank erosion is closest to the roadway and flanked by the revetment sections immediately upstream and downstream. Transition grading will occur on both ends of each rock and LWM section.

12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

From the city of Cle Elum, drive approximately 7.8 miles on SR 970 to MP 6.0, where there is a turnout on the right side of the road. Park at the turnout well off the road. Specifically, the proposed project is located at SW ¼ Sec.25, T. 20 N., R. 17 E., WM (see exhibits 1, 2).

B. Environmental Elements [HELP]

1 Earth [help]

General description of the site:

a. **Flat**, rolling, hilly, **steep slopes**, mountainous, other: **Riverine floodway and floodplain.**

b. **What is the steepest slope on the site (approximate percent slope)?**

Approximately 36 percent.

c. **What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them, and note any agricultural land of long-term commercial significance and whether the proposal results in removing any of these soils:**

Fluvial and alluvial material consisting of cobble, gravel, sand, silt, and clay.

d. **Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe:**

Disturbed fluvial and alluvial material within the floodway and floodplain.

e. **Describe the purpose, type, and approximate quantities and total affected area of any filling, excavation, and grading proposed. Indicate source of fill:**

An area of approximately 0.50 acres would be cleared to construct the 743-foot-long crib-wall and revetment. Approximately 5,493 cu. yds. of roadway fill, and fluvial and alluvial material consisting of cobble, gravel, sand, silt, and clay will be removed from the right bank of the Teanaway River within the footprint of the crib-wall and revetment, and the point of diversion.

Approximately 4,197 cu. yds. of native Class C rock and boulders (14”-42” diameter on center), and LWM will be placed along the right bank of the Teanaway River within the footprint of the crib-wall and revetment (native material sources to be determined).

f. **Could erosion occur as a result of clearing, construction, or use? If so, generally describe:**

The work to construct the crib-wall and wood and rock revetment will occur in the dry and will require the diversion of the mainstem Teanaway River around the work area. The point of diversion will be at the head of a side channel approximately 575’ upstream of the project site. WSDOT expects that a pulse of turbid water will occur for a limited time and distance within the mainstem river and associated side channel during this activity. When complete, the project will reduce the potential for erosion and improve aquatic habitat within this reach of the Teanaway River (see exhibit 3).

g. **About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?**

The proposed project only uses native rock and wood material. There will be no additional impervious material added to the project site.

h. **Proposed measures to reduce or control erosion, or other impacts to the earth, if any:**

Project construction will occur during the seasonal drought typical for this time of year along the eastside of the Cascade Mountains, when reported average river flows for the Teanaway River are at their lowest. Additional measures to control erosion during the project include diverting the mainstem Teanaway River around the work area using a staged method for initiating the diversion by excavating material slowly to limit the amount, time, and distance turbid water can move downstream.

2. Air [help]

a. **What types of emissions to the air would result from the proposal during construction, operation, and maintenance when the project is completed? If any, generally describe and give approximate quantities if known:**

Additional emissions during construction and maintenance activities would include minor amounts of exhaust from construction equipment that would include excavators, dump trucks, pickup trucks, and small pumps. There would be no additional emissions from operation of the project. Minor amounts of exhaust from construction equipment may occur if the completed project requires maintenance.

b. **Are there any off-site sources of emissions or odor that may affect your proposal? If so, generally describe:**

None known.

c. **Proposed measures to reduce or control emissions or other impacts to air, if any:**

Other measures to control impacts to air include covering hauled loads of fine material.

3. Water [help]

a. **Surface Water:** [help]

1) **Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? If yes, describe type and provide names. If appropriate, state what stream or river it flows into:**

The proposed project would temporarily affect the mainstem Teanaway River and associated wetlands. The Teanaway River flows into the Yakima River approximately 3.7 river miles (RMs) downstream.

2) **Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans:**

As described above, the project proposes to construct a 743-foot-long revetment integrated into the existing roadway prism. The proposed design combines a wood and rock crib-wall with two bioengineered rock and large woody material (LWM) sections. The crib-wall will be centered near the point where bank erosion is closest to the roadway and flanked by the bioengineered revetment sections immediately upstream and downstream. Transition grading will occur on both ends of each rock and LWM section (see exhibits 3, 4).

3) **Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected and source of fill material:**

Approximately 2,140 cu. yds. of fluvial and alluvial material consisting of cobble, gravel, sand, silt, and clay will be removed from the right bank of the Teanaway River below the OHWM within an area of 7,864 sq. ft. No material will be placed below the existing OHWM to construct the crib-wall and revetment.

Fluvial and alluvial material consisting of cobble, gravel, sand, silt, and clay will be removed from Wetland W-2 within an area of 1,762 sq.ft. The total amount of excavated material from Wetland W-2 will be approximately 24.00 cu. yds. and will be placed outside of actively flowing water adjacent to the point of diversion within the OHWM (see exhibit 5).

4) **Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known:**

As described above, the work to construct the crib-wall revetment will occur in the dry and will require the temporary diversion of the mainstem Teanaway River around the work area. The point of diversion will be at the head of a side channel approximately 575’ upstream of the project site. WSDOT expects that a pulse of turbid water will occur for a limited time and distance within the mainstem river and associated side channel during this activity.

5) **Does the proposal lie within a 100-year floodplain? If so, note location on the site plan:**

The project is located within a Federal Emergency Management Agency (FEMA) regulated floodway and 100-year floodplain. Because the project site is within the designated floodway and the 100-year floodplain, any proposed work within the area must meet a no-rise requirement for surface-water elevations. The project’s hydraulic analysis and design incorporates the FEMA no-rise requirement (see exhibit 6).

6) **Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge:**

The proposed project will not discharge waste materials to surface waters.

b. **Ground Water:** [help]

1) **Will groundwater be withdrawn from a well for drinking water or other purposes? If so, give a general description of the well, proposed uses and approximate quantities withdrawn from the well. Will water be discharged to groundwater? Give general description, purpose, and approximate quantities if known:**

The proposed project will not withdraw water from a well, nor will the project discharge water to groundwater. All water used for project construction will come from an approved source.

2) **Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage; industrial, containing the following chemicals, agricultural, etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve:**

The proposed project will not discharge waste materials into the ground, septic tanks, or any other sources.

c. **Water runoff (including stormwater):**

1) **Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe:**

Project construction will occur during the seasonal drought typical for this time of year along the eastside of the Cascade Mountains when reported average precipitation totals within the project area are 0.99 inches per month, and Teanaway River flows are at their lowest. Stormwater from the existing roadway will be managed with appropriate BMPs during project construction to avoid the active work area and all other waters and wetlands of the state.

2) **Could waste materials enter ground or surface waters? If so, generally describe:**

The proposed project will not discharge waste materials to the ground or surface waters.

3) **Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe:**

The proposed project will not alter or affect drainage patterns in the vicinity of the site.

d. **Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:**

All water, including surface water and runoff water, will be managed with appropriate BMPs during project construction to avoid the active work area and all other waters of the state. The project planting plan and roadside restoration plan will include the use of long-term Hydraulically Applied Erosion Control Product (HECP) with native seed to stabilize disturbed areas.

4. Plants [help]

a. **Check the types of vegetation found on the site:**

X deciduous tree: alder, maple, aspen, other
X evergreen tree: fir, cedar, pine, other
X shrubs
X grass
____pasture
____crop or grain
____Orchards, vineyards, or other permanent crops.
X wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
X water plants: water lily, eelgrass, milfoil, other
____other types of vegetation

b. **What kind and amount of vegetation will be removed or altered?**

A combination of riparian trees and shrubs, wetland plants, and grasses will be altered or removed within an area of approximately 0.30 acres. For example, vegetation will be permanently removed in areas necessary to construct the bioengineered crib-wall and revetment. Vegetation in all other areas will only be trimmed to provide access, or temporarily removed to divert the river.

c. **List threatened and endangered species known to be on or near the site:**

No threatened or endangered plant species have been observed within the proposed project site.

d. **Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:**

A combination of riparian trees and shrubs, wetland plants, and grasses will be used to re-establish native vegetation in disturbed areas within the proposed project site.

e. **List all noxious weeds and invasive species known to be on or near the site:**

Minor amounts of knapweed, cheatgrass, and Russian thistle were observed within the proposed project site.

5. Animals [help]

a. **List any birds and other animals which have been observed on or near the site or are known to be on or near the site. Examples include:**

Birds: hawk, heron, eagle, songbirds, other: Songbirds were observed at the proposed site.

Mammals: deer, bear, elk, beaver, other: Beaver were observed at the proposed project site. There is gray wolf territory to the north of the project.

Fish: bass, salmon, trout, herring, shellfish, other: Chinook salmon, Coho salmon, and steelhead trout are known to migrate through the proposed project site. Rainbow trout, west-slope cutthroat trout, Eastern brook trout, and mountain whitefish are known to be a resident species within the proposed project site.

b. **List any threatened and endangered species known to be on or near the site:**

The gray wolf Western Distinct Population Segment (DPS). The southern limit of the Teanaway wolf pack's territory is approximately 1.5 miles north of the proposed project footprint.

The Columbia River DPS of bull trout are present within the Yakima River; however, no bull trout have been observed in the Teanaway River since 2006.

Steelhead trout are known to migrate through the proposed project site and may be present within the site.

c. **Is the site part of a migration route? If so, explain:**

Chinook salmon, Coho salmon, and steelhead trout are known to migrate through the proposed project site.

d. **Proposed measures to preserve or enhance wildlife, if any:**

The proposed design follows the Integrated Streambank Protection Guidelines (ISPGs) developed by WDFW, WSDOT, and Ecology, and therefore has no more than the minimal adverse environmental effects necessary to ensure the structure functions as intended to prevent further erosion.

Additionally, all work below the OHWM will occur in the dry during the applicable authorized fish window for the project area (August 16-September 30). Using procedural and physical BMPs, WSDOT and WDFW biologists will ensure that aquatic species are safely removed from the dewatered work area to reduce the likelihood of harm and harassment.

Like initiating the diversion at the beginning of the project, a staged method for removing the diversion will limit the amount, time, and distance turbid water can move downstream.

e. **List any invasive animal species known to be on or near the site:**

No invasive animal species have been observed within the proposed project site.

6. Energy and Natural Resources [help]

a. **What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.:**

The completed project will have no energy requirements.

b. **Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe:**

The completed project will not affect the potential for solar energy use by adjacent property owners.

c. **What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:**

There are no energy conservation features included in the design for the proposed project. Completion of this project will lead to fewer required maintenance actions, and therefore less energy use.

7. Environmental Health [help]

a. **Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe:**

There is always the potential for a spill of hazardous material from construction equipment while the proposed project is being built. However, a Spill Prevention, Control, and Countermeasure (SPCC) plan will be developed prior to the start of construction. The SPCC plan will be adhered to while the project is being built and spill kits will be required on site at all times.

1) **Describe any known or possible contamination at the site from present or past uses:**

Per Ecology's data, there is no known contamination at the site from present or past uses.

2) **Describe existing hazardous chemicals/conditions that might affect project development and design. This includes underground hazardous liquid and gas transmission pipelines located within the project area and in the vicinity:**

There are no known existing hazardous chemicals/conditions at the site.

3) **Describe any toxic or hazardous chemicals that might be stored, used, or produced during the project's development or construction, or at any time during the operating life of the project.:**

Standard petroleum products that include oil, gasoline, diesel, lubricants, and hydraulic fluid may be stored and used at the site during project construction. However, none of these materials will be stored within 50 feet of sensitive areas, including the Teanaway River.

4) **Describe special emergency services that might be required:**

It is not anticipated that emergency services will be required.

5) **Proposed measures to reduce or control environmental health hazards, if any:**

None.

b. Noise

1) **What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?**

There is noise generated by existing traffic on nearby SR 970; however, it will not affect the proposed project.

2) **What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from the site:**

Noise generated by traffic on nearby SR 970, combined with construction equipment to build the proposed project, will occur during daylight hours from the middle of August to the end of September. Typical equipment used to build the project will include chainsaws (84 dBA), excavators (81dBA), and front-end loaders (79 dBA). This equipment constitutes the three loudest noise sources during construction. The cumulative noise energy produced has been modeled at 86 dBA when all three sources are concurrently operating. Noise levels will return to pre-construction conditions once the project is complete.

3) **Proposed measures to reduce or control noise impacts, if any:**

Since the modeled cumulative noise-energy generated by all three pieces of the loudest equipment operating concurrently will be 86 dBA, which will fully attenuate to baseline noise conditions within 1,400 feet of the proposed project, there are no planned measures to reduce noise generated by the proposed project.

8. Land and Shoreline Use [help]

a. **What is the current use of the site and adjacent properties? Will the proposal affect current land uses on nearby or adjacent properties? If so, describe:**

Current use of the proposed project site includes WSDOT right-of-way, shorelines, 100-year floodplain, floodway, and waters of the state. The proposed project will not affect land-use on nearby or adjacent properties.

b. **Has the project site been used as working farmlands or working forest lands? If so, describe. How much agricultural or forest land of long-term commercial significance will be converted to other uses as a result of the proposal, if any? If resource lands have not been designated, how many acres in farmland or forest land tax status will be converted to nonfarm or non-forest use?**

The proposed project site has not been used as working farmland or working forestland.

1) **Will the proposal affect or be affected by surrounding working farm or forest land normal business operations, such as oversize equipment access, the application of pesticides, tilling, and harvesting? If so, how:**

The proposed project will not affect or be affected by surrounding land-use activities.

c. **Describe any structures on the site:**

There are no structures on the project site.

d. **Will any structures be demolished? If so, what?**

No structures will be demolished.

e. **What is the current zoning classification of the site?**

The current zoning classification is Forest and Range.

f. **What is the current comprehensive plan designation of the site?**

Rural Working.

g. **If applicable, what is the current shoreline master program designation of the site?**

Rural Conservancy.

h. **Has any part of the site been classified as a critical area by the city or county? If so, specify:**

The proposed project site lies within the following designated critical areas as classified by Kittitas County:

- Aquifer Recharge Area
- Habitats associated with State Priority and/or State Listed Species
- Frequently Flooded Areas
- Seismic Hazard Area-Liquefication Susceptibility

I. **Approximately how many people would reside or work in the completed project?**

No persons will occupy the completed project site.

j. **Approximately how many people would the completed project displace?**

No persons would be displaced by the completed project site.

k. **Proposed measures to avoid or reduce displacement impacts, if any:**

None.

L. **Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:**

None.

m. **Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:**

None.

9. Housing [help]

a. **Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing:**

None.

b. **Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.**

None.

c. **Proposed measures to reduce or control housing impacts, if any:**

None.

10. Aesthetics [help]

a. **What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?**

The height of the proposed project structure would be at or near the existing ground elevation.

b. **What views in the immediate vicinity would be altered or obstructed?**

None.

c. **Proposed measures to reduce or control aesthetic impacts, if any:**

A combination of riparian trees and shrubs, wetland plants, and grasses will be used to re-establish native vegetation in disturbed areas within the proposed project site. A planting plan will be developed, reviewed, and approved by a biologist and landscape architect.

11. Light and Glare [help]

a. **What type of light or glare will the proposal produce? What time of day would it mainly occur?**

None.

b. **Could light or glare from the finished project be a safety hazard or interfere with views?**

None.

c. **What existing off-site sources of light or glare may affect your proposal?**

None.

d. **Proposed measures to reduce or control light and glare impacts, if any:**

None.

12. Recreation [help]

a. **What designated and informal recreational opportunities are in the immediate vicinity?**

There are no known designated recreational activities in the immediate vicinity. Informal recreation opportunities include fishing and swimming.

b. **Would the proposed project displace any existing recreational uses? If so, describe:**

The proposed project would not displace any existing recreational uses.

c. **Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:**

None.

13. Historic and cultural preservation [help]

a. **Are there any buildings, structures, or sites, located on or near the site that are over 45 years old listed in or eligible for listing in national, state, or local preservation registers? If so, specifically describe:**

A review of the DAHP WISAARD database by a WSDOT Cultural Resource Specialist showed no recorded resources within ¼ mile of the proposed project area.

b. **Are there any landmarks, features, or other evidence of Indigenous or historic use or occupation? This may include human burials or old cemeteries. Are there any material evidence, artifacts, or areas of cultural importance on or near the site? Please list any professional studies conducted at the site to identify such resources:**

A review of the DAHP WISAARD database by a WSDOT a Cultural Resource Specialist showed no recorded resources within ¼ mile of the proposed project area. The project site was also surveyed by WSDOT Cultural Resource Specialists.

c. **Describe the methods used to assess the potential impacts to cultural and historic resources on or near the project site. Examples include consultation with tribes and the department of archeology and historic preservation, archaeological surveys, historic maps, GIS data, etc.:**

The project site was surveyed by WSDOT Cultural Resource Specialists on July 22, 2020. The results of the survey determine the proposed project exempt from additional Section 106 review under the WSDOT/FHWA/DAHP PA of 2018, Stipulation A-17.

d. **Proposed measures to avoid, minimize, or compensate for loss, changes to, and disturbance to resources. Please include plans for the above and any permits that may be required:**

If a previously unidentified cultural or archaeological resource is discovered during project construction, then all work in the immediate vicinity of the discovery would cease and the project engineer will be notified immediately. The project engineer would then notify the DAHP, the Confederated Tribes and Bands of the Yakama Nation, and the Confederated Tribes of the Colville Reservation, the FHWA, the WSDOT Cultural Resources Program Office, and the South Central Region Environmental Office.

14. Transportation [help]

a. **Identify public streets and highways serving the site or affected geographic area and describe proposed access to the existing street system. Show on site plans, if any:**

State Route 970 is the main highway within the proposed project area. Nearby county roads include the Teanaway Terrace Road, Teanaway Road, and Red Bridge Road. Existing accesses will not change because of the proposed project; however, traffic on SR 970 would experience minor delays during project construction.

b. **Is the site or affected geographic area currently served by public transit? If so, generally describe. If not, what is the approximate distance to the nearest transit stop?**

The affected geographic area is not served by public transit. The nearest transit stop is approximately 7.8 miles away in Cle Elum.

c. **How many additional parking spaces would the completed project or non-project proposal have? How many would the project or proposal eliminate?**

None.

d. **Will the proposal require any new or improvements to existing roads, streets, pedestrian, bicycle, or state transportation facilities, not including driveways? If so, generally describe (indicate whether public or private):**

The proposed project will stabilize the right bank of the Teanaway River and prevent further erosion of the State Route 970 (SR 970) roadway prism. Consequently, the need for future emergency maintenance projects will be reduced or eliminated. The project will not impact other existing roads, streets, pedestrian, or bicycle facilities.

e. **Will the project or proposal use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.**

None.

f. **How many vehicular trips per day would be generated by the completed project or proposal? If known, indicate when peak volumes would occur and what percentage of the volume would be trucks (such as commercial and non-passenger vehicles). What data or transportation models were used to make these estimates?**

The proposed project will not generate additional traffic volume, affect peak traffic volume, or increase the number of trucks on SR 970.

g. **Will the proposal interfere with, affect, or be affected by the movement of agricultural and forest products on roads or streets in the area? If so, generally describe:**

The proposed project would not interfere with, or be affected by, the movement of agricultural and forest products in the area.

h. **Proposed measures to reduce or control transportation impacts, if any:**

The proposed project would temporarily affect traffic on SR 970 during project construction. WSDOT will develop and implement a transportation management plan to safely detour traffic around the proposed project during construction. Travelers on local county roads and private access roads within the immediate vicinity of the project may also experience minor delays.

15. Public Services [help]

a. **Would the project result in an increased need for public services (for example: fire protection, police protection, public transit, health care, schools, other)? If so, generally describe:**

The proposed project would not increase the need for public services.

b. **Proposed measures to reduce or control direct impacts on public services, if any:**

None.

16. Utilities [help]

a. **What utilities are currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other?**

None.

b. **Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in the immediate vicinity which might be needed.**

None.

C. Signature [HELP]

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

Signature: William Sauriol

Name of signee William Sauriol

Position and Agency/Organization Environmental Manager, WSDOT

Date Submitted: 3/29/2021

APPENDIX A

Exhibits

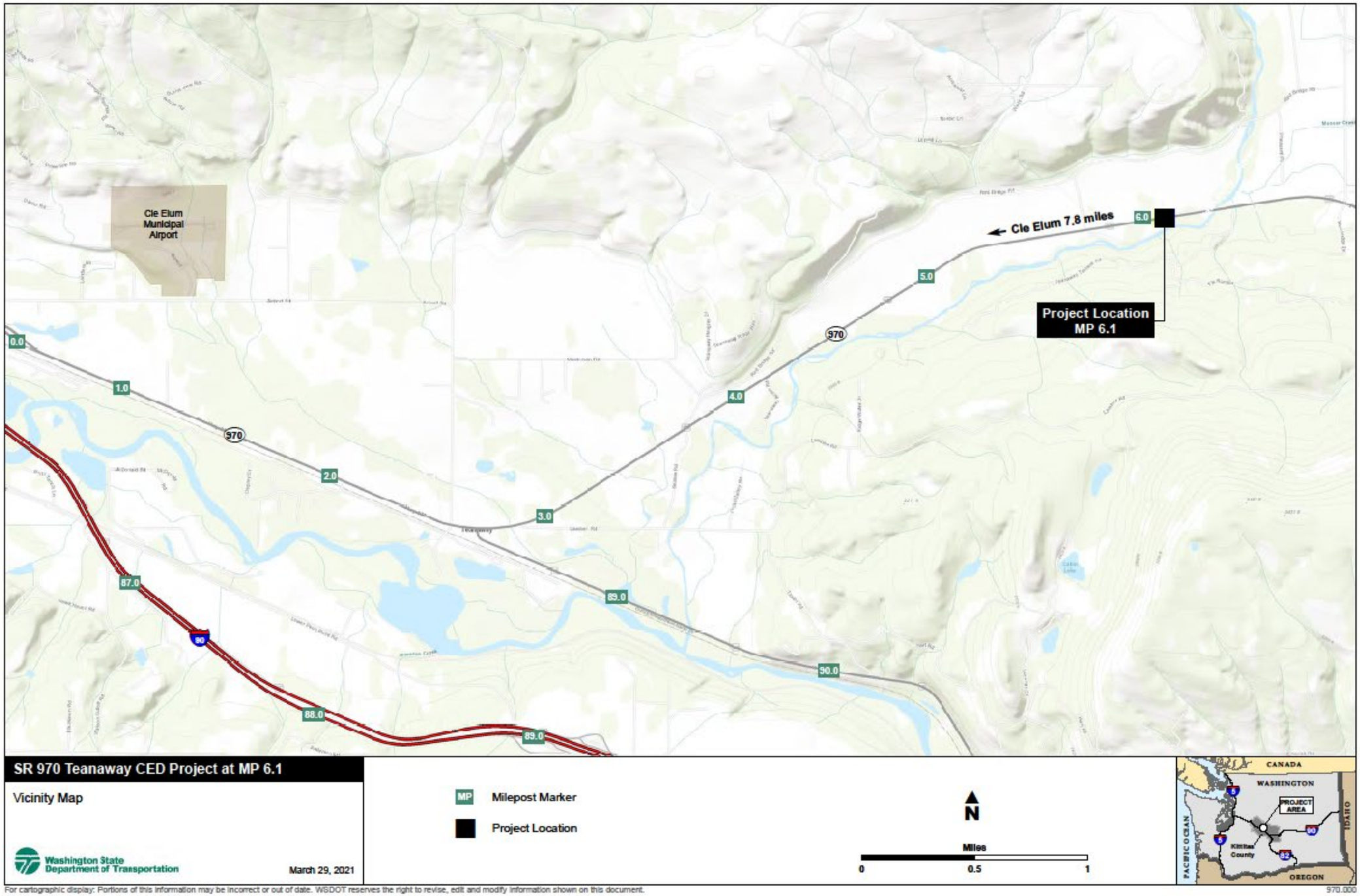

Exhibit 1: Teanaway CED Project Vicinity Map.

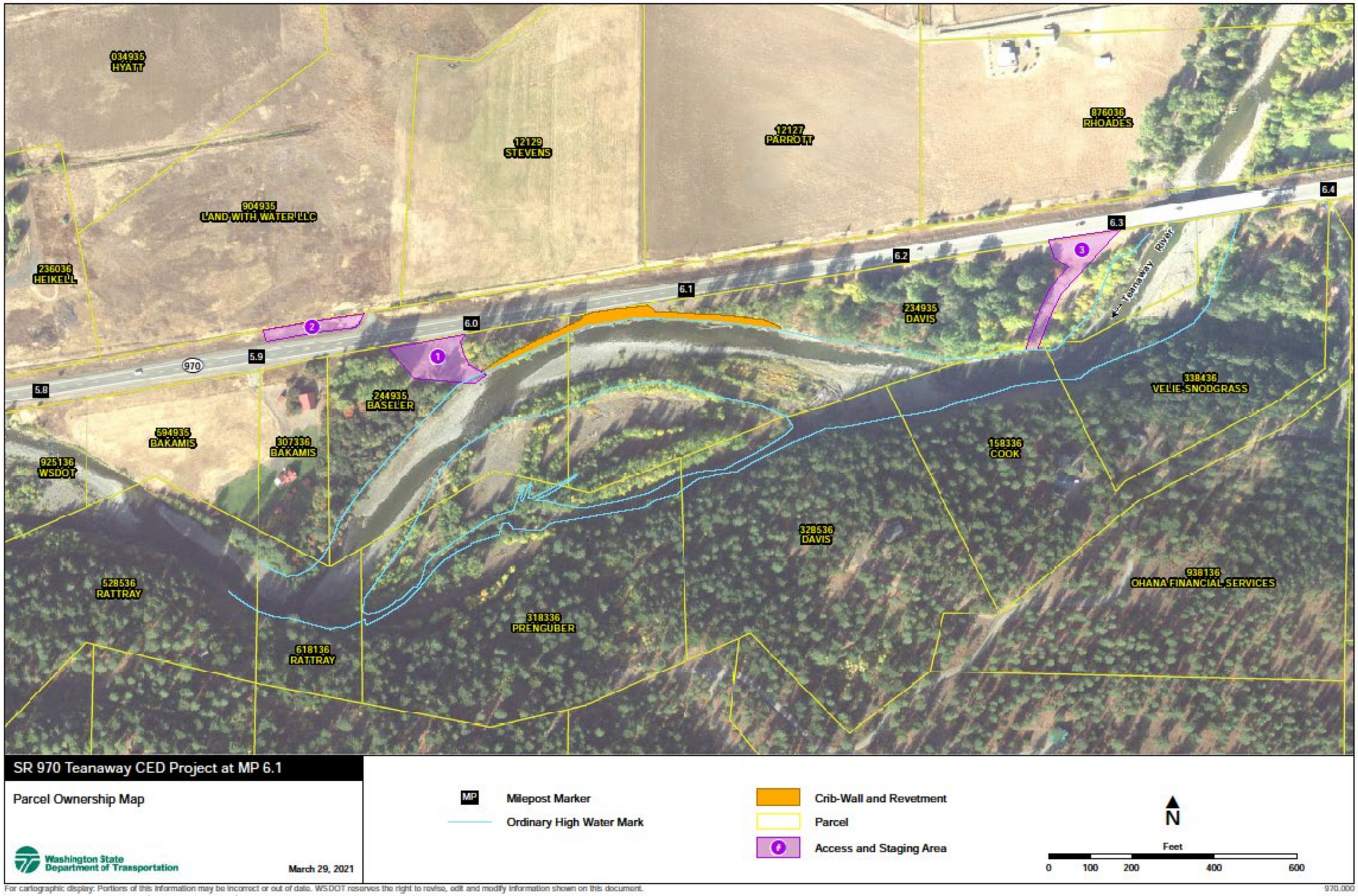

Exhibit 2: Teanaway CED Project Ownership Map.

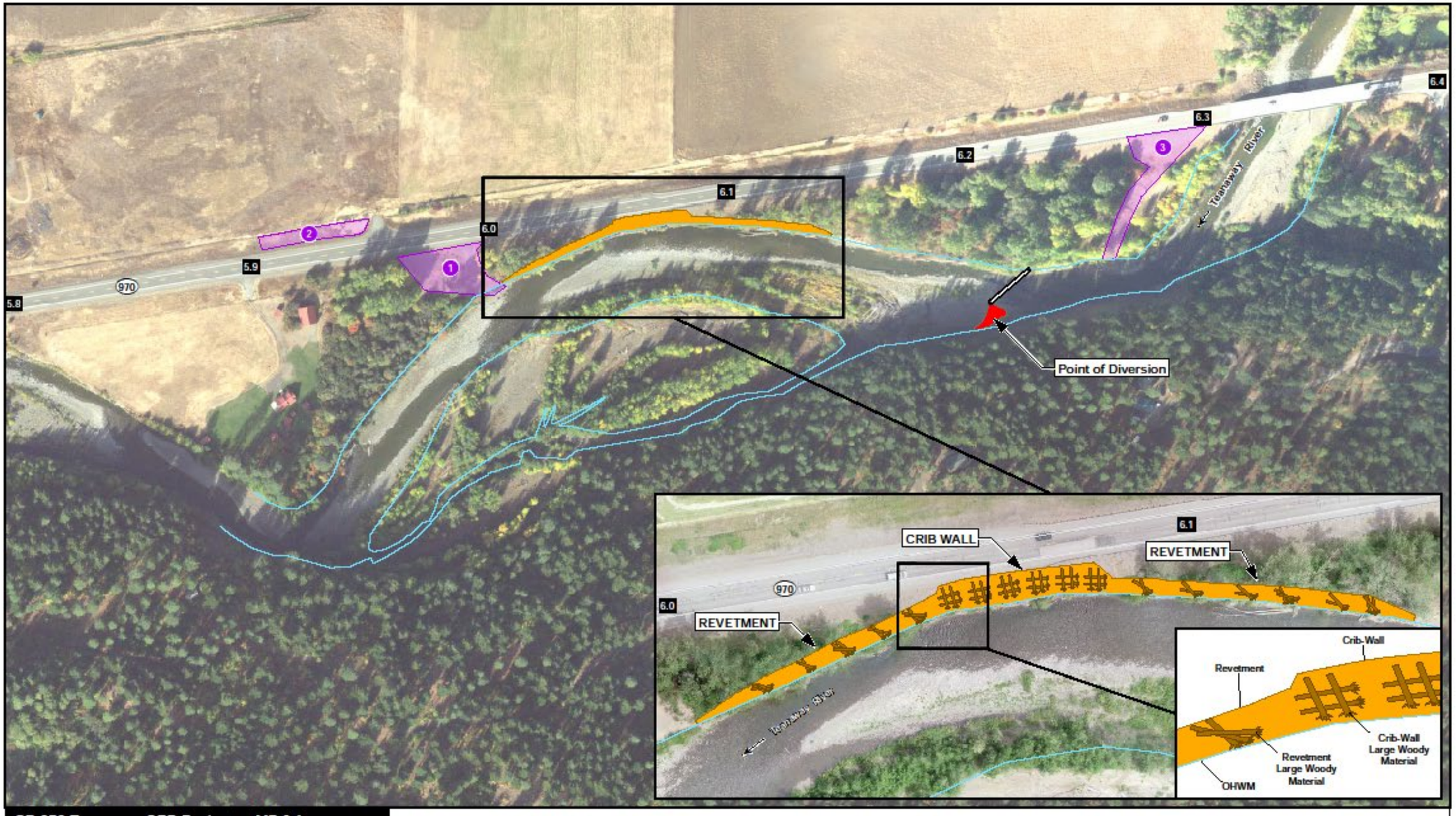

Exhibit 3: Teanaway CED Project Embankment Structure and Point of Diversion Map.

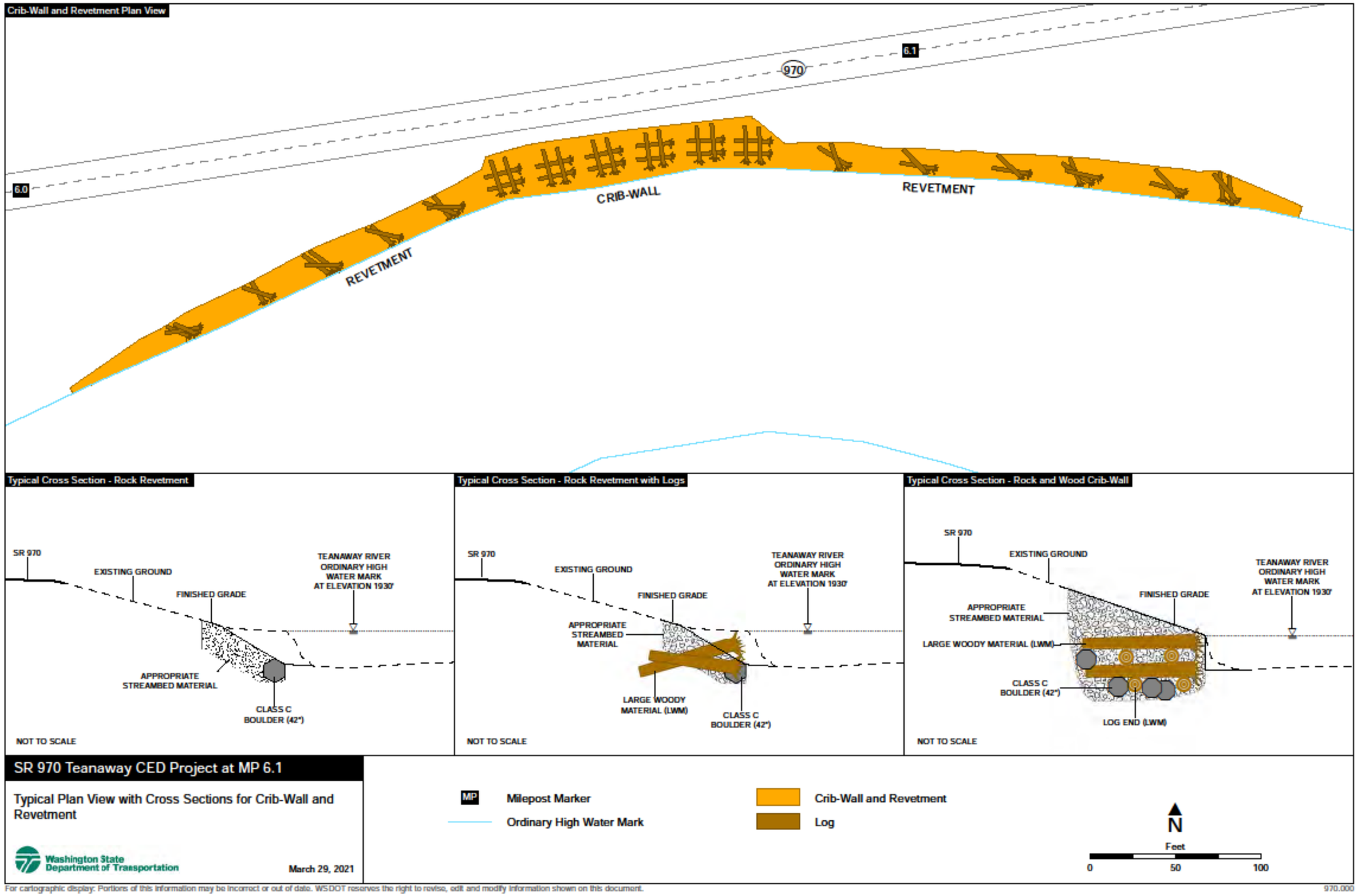

Exhibit 4: Teanaway CED Project Embankment Structure Plan View and Typical Cross Sections.

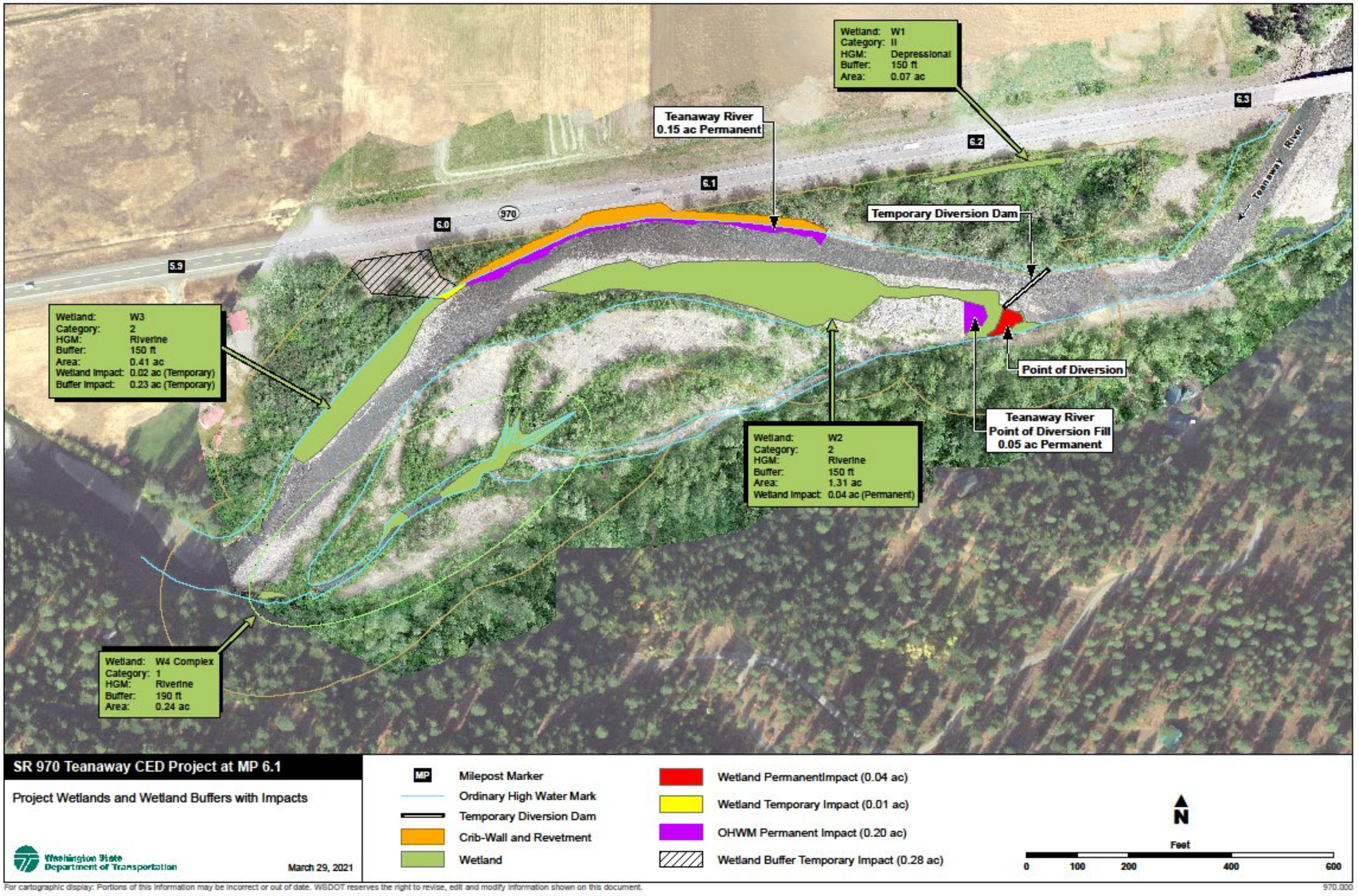

Exhibit 5: Teanaway CED Project Stream and Wetland Impacts.

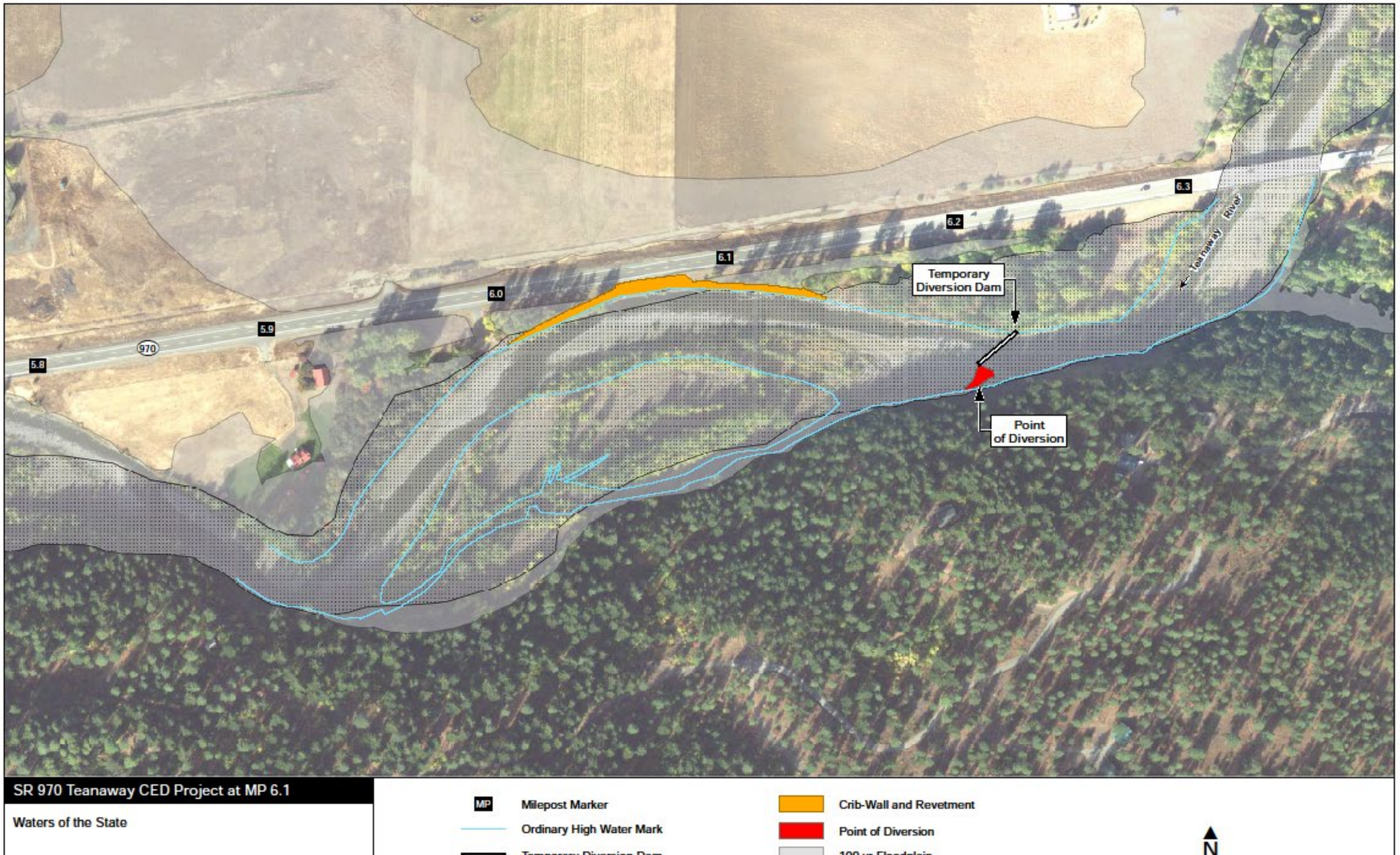

Exhibit 6: Teanaway CED Project Shorelines, Floodway, and 100-Year Floodplain.