



KITTITAS COUNTY COMMUNITY DEVELOPMENT SERVICES

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"Building Partnerships – Building Communities"

SE-18-00010

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 nonproject proposals: [\[help\]](#)

For nonproject proposals (such as ordinances, regulations, plans and programs), complete the applicable parts of sections A and B plus the [SUPPLEMENTAL SHEET FOR NONPROJECT 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.

APPLICATION FEES:

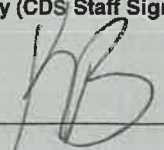

\$600.00 Kittitas County Community Development Services (KCCDS)

\$250.00 Kittitas County Department of Public Works

\$415.00 Kittitas County Public Health

\$1,265.00 Total fees due for this application (One check made payable to KCCDS)

FOR STAFF USE ONLY

Application Received by (CDS Staff Signature): 	DATE: 12-17-18	RECEIPT# 
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A Background

1. Name of proposed project, if applicable:
West Fork Teanaway Bridge Replacement.
2. Name of applicant:
Washington State Department of Natural Resources (DNR).
3. Address and phone number of applicant and contact person:
713 Bowers Road
Ellensburg, WA 98926.

Nick Jones – DNR Southeast Region Engineer.
509 925-0928.
4. Date checklist prepared:
November 16, 2018.
5. Agency requesting checklist:
Kittitas County Community Development Services
6. Proposed timing or schedule (including phasing, if applicable):
Bridge replacement planned for summer of 2019 during the fish window for non-spawning periods and low water flows.
7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.
No additions or expansions related or connected with this proposal are planned by DNR. Future forest management activities will occur in this area including road maintenance.
8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.
An approved forest practice/hydraulic permit, #2706582, has been obtained for this project. This project has been reviewed and approved by regulatory staff for the Yakama Nation, Washington State Department of Natural Resources Forest Practices, Washington State Department of Fish & Wildlife, and Washington State Department of Ecology.
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 known applications are pending that would affect this project or property.
10. List any government approvals or permits that will be needed for your proposal, if known.
 - Forest Practices/Hydraulic Permit. Obtained. #2706582.
 - Shoreline Exemption Permit from Kittitas County. Replacement of existing structure.
 - Building Permit from Kittitas County.
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.)
This project is for the replacement of the existing concrete bridge structure across the West Fork Teanaway River west of stream in Carlson Canyon and the West Fork Teanaway River. This bridge is on the T3000 Road, a non-public gated road where motorized use by the public is prohibited with the exception of winter snowmobile use. The T3000 Road provides access to Teanaway Community Forest ownership for forest management activities, including fire suppression, south of the West Fork Teanaway River and the main stem Teanaway River in the Carlson, Camp 17, Orso and Rabbit Gulch drainages. The existing 42 foot long by 14 foot wide concrete bridge structure, installed in the mid 1970's, is currently

structurally deficient and has a weight restriction due to load bearing member damage and undermining of the south abutment. The existing structure will be replaced with a 60 foot long by 14 foot wide two piece modular steel bridge set on interlocking pre-cast concrete block abutments. The new bridge will have a HL93 design loading with a L90 overload rating. The elevation of the new structure will be raised approximately 18 inches which, along with longer structure, which will increase the hydraulic opening by 45 percent. This larger hydraulic opening will accommodate predicted flows and debris passage. No excavation, fills or other work will occur within the waterway itself.

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.

The project is located in the West Fork Teanaway River drainage in the Teanaway Community Forest, in northwest quarter of the northeast quarter of Section 1 in Township 20 North, Range 15 East, W.M. The project is located approximately 600 feet south, southwest of the end of the West Fork Teanaway County Road. See attached vicinity and project maps.

B. Environmental Elements

1. Earth

- a. General description of the site:

(circle one): Flat, rolling, hilly, steep slopes, mountainous, other ____

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

Five percent at project site.

- 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.

Gravelly alluvium.

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

None in the immediate vicinity. According to the DNR Geographic Information System (GIS) Slope Stability Probability Model, there are some small, isolated areas of moderate to high probability south of the West Fork Teanaway River, south and outside of the project area.

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

Approximately 750 cubic yards of additional native fill material will be needed for the new bridge approaches. Fill material will be obtained from two sites located approximately 250 feet and 500 feet north-northwest of the bridge installation site, and from an existing berm located approximately 100 feet northeast of the bridge installation site.

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

No erosion is expected during and upon completion of project.

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

None. Road surface of new bridge approaches will be surfaced with 120 cubic yards of compacted crushed rock covering approximately 5,250 square feet.

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

Mitigation measures to reduce and control erosion include:

- Bridge replacement to occur in summer during dry conditions.

- Bridge and approaches designed to minimize excavation and embankment.
- Bridge approaches to be compacted.
- North bridge approach designed to retain fill with abutment structure.
- North bridge approach to be armored on upstream side beyond abutment structure with large angular rock.
- Application of crushed rock on bridge approach road surfaces.
- Application of straw to exposed soils after bridge replacement.
- Best management practices to be utilized during bridge replacement.
 - Water management during abutment excavation consisting of pumping of water from excavation site to location where water will be dispersed onto the forest floor.
 - Equipment to be used for installation of bridge structure including abutments will be by excavator(s) or combination of excavator and crane, depending on contractor.
 - Hydraulic oils in excavation equipment working in and near water shall be free of petroleum-based products.
 - Fueling of equipment a minimum of 100 feet away from edge of stream and in a manner to prevent fuel spills.
 - Each piece of equipment to have a spill containment kit on site.
 - Excavation equipment to work from banks and roadway.
 - Limiting excavation equipment crossings of West Fork Teanaway River to two crossings.
 - Minimization of disturbance to riverbed, banks and riparian vegetation.
 - Utilization of silt fencing, filter fabric and check dams as necessary to prevent potential sediment delivery to West Fork Teanaway River.

2. Air

- 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.

Emissions from and during the bridge replacement will be minor and will consist of equipment exhaust and minor amounts of dust from excavation and rock surfacing activities. Upon completion of the project, dust from road surface from occasional management vehicle use may be present in minor amounts.
- 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:

Application of crushed rock surfacing.

3. Water

- a. Surface Water:
 - 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.

Yes. The project is located adjacent and over the West Fork Teanaway River which is designated as shoreline. The West Fork Teanaway River flows easterly approximately 2,000 feet to the east-southeast joining with the Middle Fork Teanaway River, also designated as shoreline, becoming the Teanaway River at this point. The Teanaway River flows southeasterly for approximately 1.2 miles where the North Fork Teanaway River, also designated as shoreline, joins the Teanaway River.
 - 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.

Yes. Project consists of replacing the existing bridge structure over the West Fork Teanaway River.
 - 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. Indicate the source of fill material.

No fill or dredge material will be placed or removed from surface waters or wetlands. Additional fill will be needed for the bridge approaches as described in B.1.e.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.
No. Water that may be encountered during abutment excavation will be isolated from the West Fork Teanaway River and pumped to a location where the water will be dispersed onto the forest floor.
- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.
Yes. See attached project map for approximate 100-year flood plain delineation at project site. According to Kittitas County Channel Migration Map Book, this project does not lie in an area identified as a channel migration zone.
- 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.
No.

b. Ground Water:

- 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.
No.
- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage, industrial, 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.
None.

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.
Road surface runoff, in minor amounts, will be directed away from the bridge structure and West Fork Teanaway River, and dispersed onto the forest floor.
- 2) Could waste materials enter ground or surface waters? If so, generally describe.
No.
- 3) Does the proposal alter or otherwise affect drainage patterns in the vicinity of the site? If so, describe.
At the project site, drainage patterns may be altered by the bridge approaches to a minimal extent.

- d. Proposed measures to reduce or control surface, ground, and runoff water, and drainage pattern impacts, if any:
See B.1.h.

4. Plants

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

- deciduous tree: alder and black cottonwood.
- evergreen tree: fir and pine.
- shrubs: oceanspray, snow berry and hawthorne.
- grass: pine grass.
- pasture
- crop or grain
- orchards, vineyards or other permanent crops.
- wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
- water plants: water lily, eelgrass, milfoil, other
- other types of vegetation

- b. What kind and amount of vegetation will be removed or altered?
Approximately two clumps of black cottonwood and alder will be removed at the north abutment installation site. Four ponderosa pine trees, marked with orange "x", will be removed at the fill material sites described in 1.B.e and will be utilized for large wood debris at the north abutment installation site.
- c. List threatened and endangered species known to be on or near the site.
None known.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
Minimization of disturbance by heavy equipment to riverbed, banks and riparian vegetation. Upon completion of the bridge replacement, cuttings of native alder and cottonwood will be planted along the northern stream bank of the West Fork Teanaway River at the project site.
- e. List all noxious weeds and invasive species known to be on or near the site.
Diffuse and Russian knapweed.

5. Animals

- 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.
birds: hawk, heron, eagle, songbirds.
mammals: deer, bear, elk, beaver, mountain lion, bobcat, wolf.
fish: salmon, trout.
- b. List any threatened and endangered species known to be on or near the site.
None known at or near the site. This project is located outside the management area for a recorded northern spotted owl site center located approximately three miles to the southwest.
- c. Is the site part of a migration route? If so, explain.
No. No known migration route in project area.
- d. Proposed measures to preserve or enhance wildlife, if any:
Timing restriction for bridge replacement. Bridge replacement to occur during periods of low water flow and outside of fish spawning periods.
- e. List any invasive animal species known to be on or near the site.
None known.

6. Energy and Natural Resources

- 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.
No energy needs post bridge replacement.
- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.
No.
- 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:
None.

7. Environmental Health

- 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.
None anticipated beyond operating of equipment during construction.
 - 1) Describe any known or possible contamination at the site from present or past uses.
None known.

- 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.
None known.
- 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.
Petroleum based fuels for heavy equipment will be used during bridge replacement.
- 4) Describe special emergency services that might be required.
 - Emergency medical services if an accident were to occur during bridge replacement.
 - Emergency spill response if a hazardous material spill were to occur during bridge replacement.
 - Emergency fire response by Department of Natural Resources and fire suppression cooperators if a fire were to occur as a result of bridge replacement operations.
- 5) Proposed measures to reduce or control environmental health hazards, if any:
None beyond Washington State Labor and Industries requirements.

b. Noise

- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment, operation, other)?
None.
- 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.
Heavy equipment used for the project will create noise during the working hours for the operating period of the project. No increase in long-term noise will occur as a result of this project.
- 3) Proposed measures to reduce or control noise impacts, if any:
None beyond standard noise suppression methods for heavy equipment.

8. Land and Shoreline Use

- 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.
The West Fork Teanaway River is designated as shoreline. Current land zoning adjacent to the West Fork Teanaway River in the project area is commercial forest. Current use is forest and range, along with dispersed recreation. This project will not affect current land uses to 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 nonforest use?
Yes. The area near the project site has been used for both for cattle grazing and forest management activities. No agricultural or forest land will be converted as a result of this project.
 - 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 replacement of the bridge will allow vehicle and heavy equipment access to conduct forest management activities including road maintenance and fire suppression.
- c. Describe any structures on the site.
No structures are at the project site except for existing bridge to be replaced.

- d. Will any structures be demolished? If so, what?
Existing bridge structure will be remove and replaced with new structure.
- e. What is the current zoning classification of the site?
Commercial forest.
- f. What is the current comprehensive plan designation of the site?
Commercial forest.
- 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 project area has been classified by Kittitas County under Kittitas County Code 17A.005 for no net loss of critical floodplain storage, and under Kittitas County Code 17A.07 for critical riparian habitat.
- i. Approximately how many people would reside or work in the completed project?
None.
- j. Approximately how many people would the completed project displace?
None.
- 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.
Project is consistent with long-term forest management strategies that will continue in this area.
- m. Proposed measures to reduce or control impacts to agricultural and forest lands of long-term commercial significance, if any:
Project will not create any negative long-term impacts to agricultural and forest lands.

9. Housing

- 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

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed?
New bridge deck is approximately 12 feet above the West Fork Teanaway River. Replacement bridge structure will be made of pre-cast concrete, steel and wood.
- b. What views in the immediate vicinity would be altered or obstructed?
No change in views as a result of this project.
- c. Proposed measures to reduce or control aesthetic impacts, if any:
None.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?
No light or glare will be produced by this project.
- b. Could light or glare from the finished project be a safety hazard or interfere with views?
No.
- 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

- a. What designated and informal recreational opportunities are in the immediate vicinity?
Informal recreational opportunities in the area consist of horseback riding, mountain biking, hiking, hunting, bird watching, cross country skiing and snowmobiling.
- b. Would the proposed project displace any existing recreational uses? If so, describe.
No. Project will allow current recreational opportunities to continue by allowing a designated and usable crossing of the West Fork Teanaway River.
- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:
No proposed measures to reduce or control impacts on recreation. Replacement of bridge structure will provide a designated and controlled crossing of the West Fork Teanaway River, reducing potential impacts to water quality and stream bank vegetation.

13. Historic and cultural preservation

- 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?
No historic or cultural sites are known at or near the site. The following are known historic sites.
 - Casland, Cascade Lumber Company operations headquarters circa 1920's, was located approximately one-half mile to the east, southeast of the project site.
 - Camp Illahee, a Girl Scout Camp until approximately the late 1970's, was located approximately one-quarter mile to the southeast on the west side of Carlson Canyon.
 - An old Cascade Lumber Company railroad grade from the mid to late 1920's ran up Carlson Canyon to the south of the project area.
 - A debris site is located in Carlson Canyon near the old railroad grade approximately one-half mile to the south-southwest of the project area.
- b. Are there any landmarks, features, or other evidence of Indian 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.
None known.
- 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.
A site review of the project area was conducted for cultural and historic resources by a DNR Cultural Resource Technician. No additional cultural or historical resources to those stated in B.13.a were found. A cultural resource report has been compiled for the review of the project area.
- 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.
Should any cultural or historical resources be identified within the project boundaries prior or during construction activities, work will cease and a professional archeologist will be notified immediately so that

mitigation measures and a site protection plan can be developed and implemented.

14. Transportation

- 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.

Project site is accessed by the T3000 Road system, a non-public road, which originates at the end of the West Fork Teanaway County Road, approximately 600 feet north-northeast of the project site. The T3000 Road is

gated at its beginning off the West Fork Teanaway County Road and motorized use by the public, with the exception of winter snowmobile use, is prohibited in the area.

- 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?

No. No public transportation in the project area.

- 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 project is for the replacement of the existing bridge structure used for forest management activities. The bridge structure is not on or part of a public road or public transportation system.

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

No.

- 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?

No additional traffic above historical levels.

- 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.

No. Existing bridge is currently not used for timber or heavy equipment haul due to weight restriction. Replacement of bridge structure will allow future forest management activities to occur.

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

No measures to reduce or control transportation impacts are necessary since project is on a gated road and not accessible by public motorized use.

15. Public Services

- 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.

No.

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

None.

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other _____

No utilities are at or near the project site.

- 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

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: _____

Name of signee: Nicholas Jones

Position and Agency/Organization: Region Engineer, WA Department of Natural Resources

Date Submitted: 12/17/2018

D. Supplemental Sheet for Non-project Actions

(IT IS NOT NECESSARY to use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment. When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

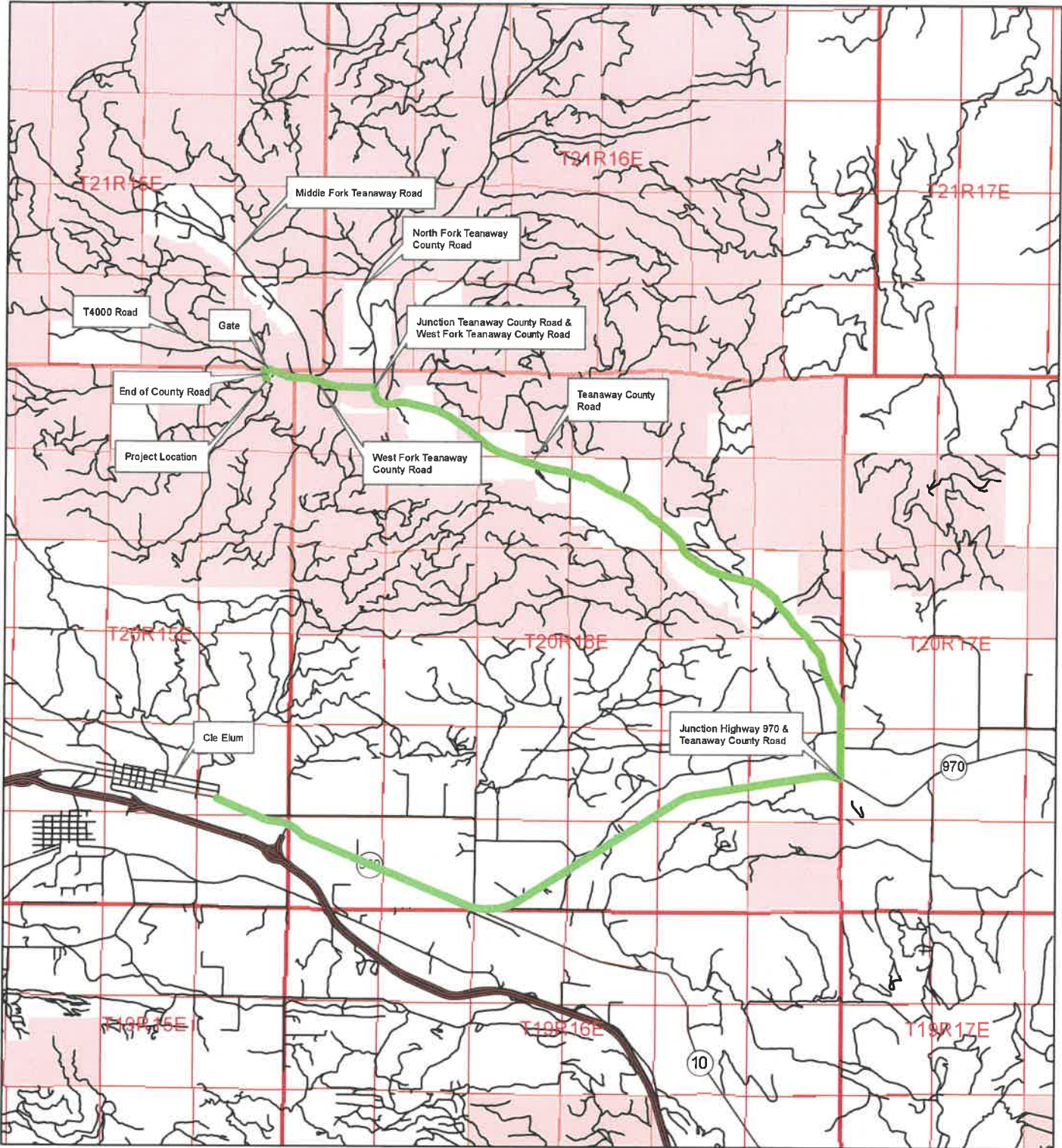
6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

PROJECT VICINITY MAP

PROJECT NAME: WEST FORK TEANAWAY BRIDGE REPLACEMENT
 PROPONENT: WASHINGTON STATE DEPARTMENT OF NATURAL RESOURCES
 COUNTY: KITTITAS



Roads

- Project Access Route
- Interstate
- U.S.
- State
- Local
- Other Existing Roads

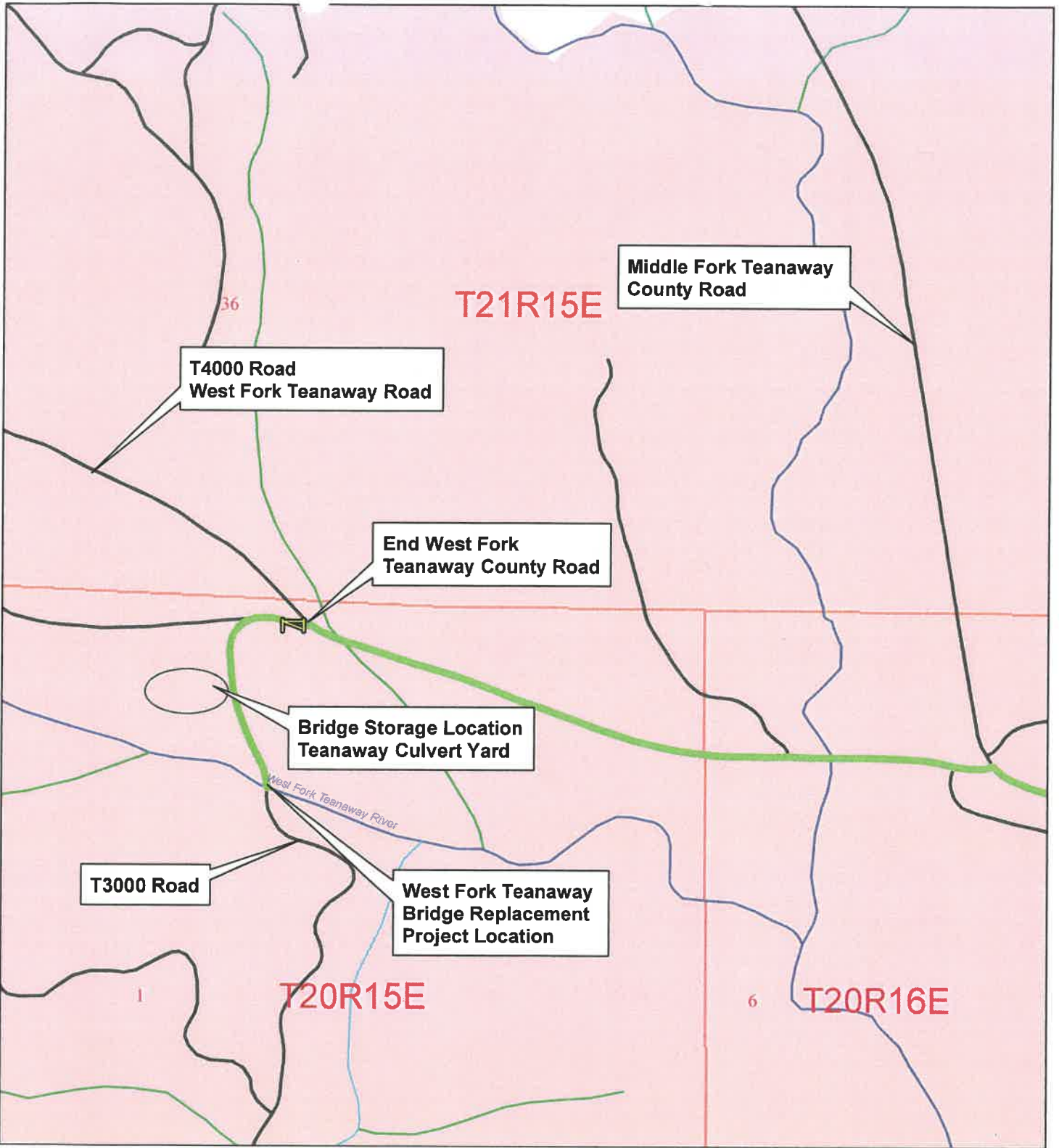
Land Ownership Information

- Land Ownership Information
- Public Land Survey Townships
- Public Land Survey Sections



DRIVING DIRECTIONS:

From Cle Elum, drive east on Highway 970 for 6.5 miles. Turn left (north) on Teanaway County Road. Follow Teanaway County Road for 7.3 miles to junction with West Fork Teanaway County Road. Turn left and drive west on West Fork Teanaway County Road for 0.7 miles to junction with Middle Fork Teanaway County Road. Stay left and continue west on West Fork Teanaway County Road for 0.5 miles to end of county road. Continue through gate on T3000 Road and continue 800' to project site at bridge over West Fork Teanaway River.

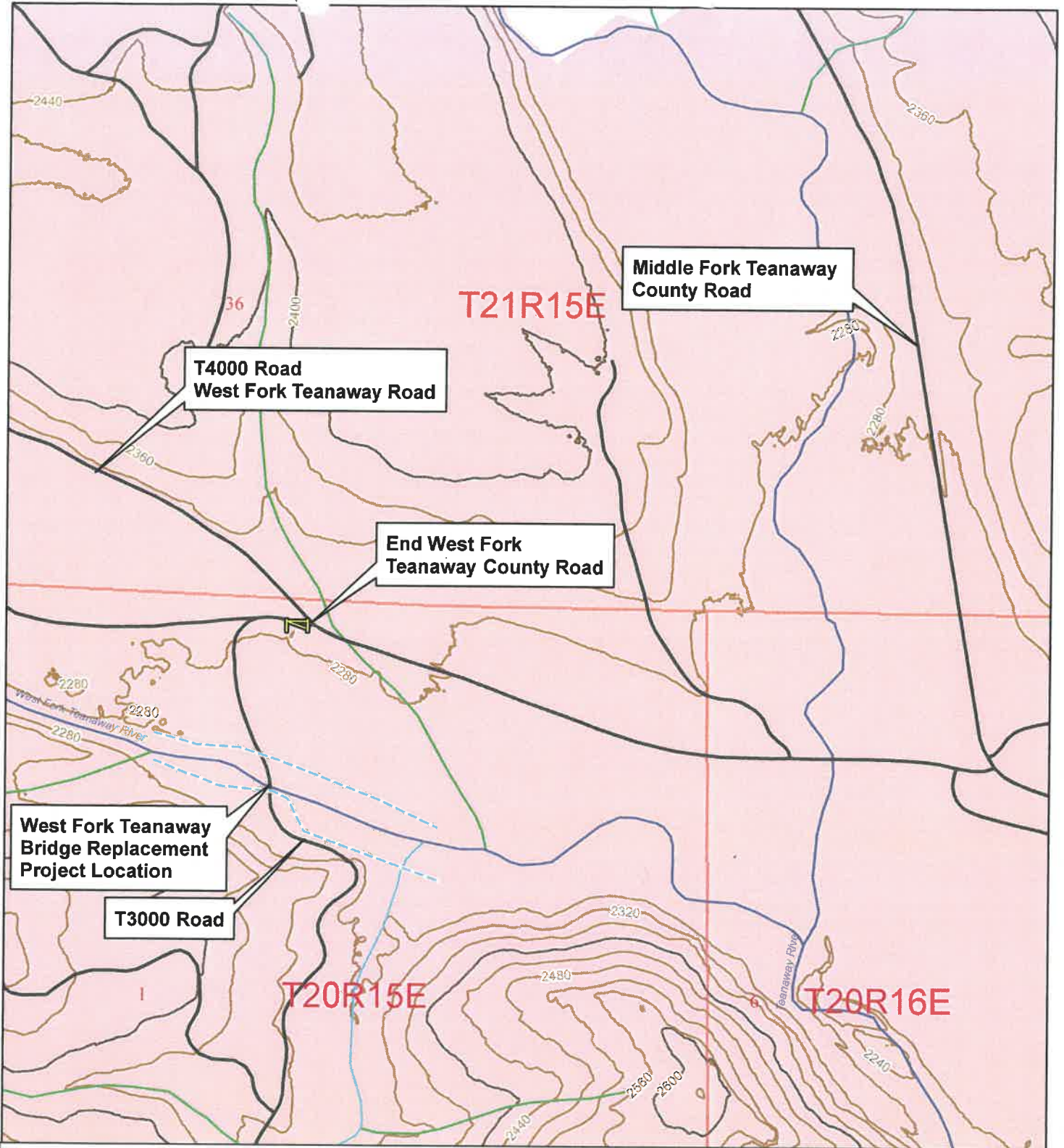


PROJECT MAP

PROJECT NAME: West Fork Teanaway Bridge Replacement
 CONTRACT #: DNR 18-EXX
 LOCATION: Section 1 of Township 20 North, Range 15 East, W.M. - Kittitas County
 REGION: Southeast

- | | |
|-----------------------------------|-----------------------------------|
| Road Status | Land Ownership Information |
| Active Road | DNR Managed Land |
| Project Access Road | Public Land Survey Townships |
| Gate | Public Land Survey Sections |
| Forest Practice Water Type | |
| Fish | |
| Non-Fish | |
| Shoreline | |





PROJECT MAP

PROJECT NAME: West Fork Teanaway Bridge Replacement
PROPONENT: Washington State Department of Natural Resources
LOCATION: Section 1 of Township 20 North, Range 15 East, W.M. - Kittitas County
REGION: Southeast

- Gate
- Road Status**
- Active Road
- Forest Practice Water Type**
- Fish
- Non-Fish
- Shoreline
- 200 Ft Contour
- 40 Ft Contour
- 10 Ft Contour
- Approximate 100-Year Floodplam At Project Site
- Land Ownership Information**
- Teanaway Community Forest
- Public Land Survey Townships
- Public Land Survey Sections



