

APPENDIX B

PUBLIC AND COLLABORATIVE GROUP SCOPING COMMENTS

The scoping letter and project description, dated September 2 with an extension on September 18, was mailed or e-mailed to approximately 263 individuals, organizations and agencies. The collaborative group met with the Forest Service on September 21 to offer comments and to recommend the riparian prescription. On March 13, the Forest Service sent out a consistency review application to interested parties, adjacent landowners, the CRGNSA tribes, and the collaborative group for a 30-day comment period with comments due on April 16. This notice was also added to the CRGNSA website. A total of two telephone calls, three e-mails, and 4 comment letters were received.

The comments received and how they were used are summarized below:

Note: Implementation Requirements mentioned in comment Resolution below begin on page 36.

Comment	Resolution
Stream buffers should be delineated in the EA and the no practicable alternative test must be applied.	Stream buffers were delineated and a no-practicable alternatives test was applied in Chapter 2.
EA should adequately address the effect of the recommended proposed action on sensitive habitats and species including Lewis' woodpecker.	Biological evaluations were prepared and the project was reviewed for compliance with Management Plan requirements for sensitive habitats. See Chapter 3, effects to wildlife and plants and Appendix A, Biological Evaluations.
CRGNSA Management Plan Consistency Review needs a site plan map.	There were many maps, aerial photos, and diagrams provided in the application. One site plan is not practical for a forest restoration of this size.
The EA should consider effects to scenic resources from Key viewing areas.	Effects to Key viewing Areas were reviewed in Chapter 3, Effects to Scenic Resources.
Invasive plant sites should be monitored. Post-project treatment should be mentioned. A timeline must be developed. It is best that weeds are killed before treatment of stands. (2 separate commentors).	We agree. Implementation requirements #13 and 14 state that invasive plant issues will be part of project effectiveness monitoring and the yearly CRGNSA eradication program shall prioritize needs in the planning area. It is also required that contractors clean equipment before entering NFS lands and before moving to each treatment area in a manner that will ensure that it is not contributing to the spread of invasive plants. Known patches of invasive plants will be avoided to forestall spread until eradicated.
WA Dept. Fish and Wildlife guidelines for the western gray squirrel should be followed.	An implementation requirement in Chapter 2 (Natural Resources Mitigation Plan) requires this.

Comment	Resolution
The EA should adequately address the effects of the recommended proposal on soils.	The effects of the proposal on soils was discussed in Chapter 3 of the EA under Effects to Natural Resources, effects to Soils.
The EA should discuss the basis for the fire regimes discussed.	Chapter 1 of the EA discusses the basis for the fire regimes and condition classes. Other references used are located in Chapter 4, references cited.
Skid roads and temporary road should be designated.	Implementation requirement #9 reads on page 36 states “Scenic Area Management Plan standards for soil productivity will be met in the project area. These state that not more than 15% of an activity area will be detrimentally disturbed. This includes compaction, displacement, puddling and removal of organic layers exposing mineral soil. This will require the designation of skid trails”. Only one temporary road is proposed and is described in Chapter 2 and Appendix C.
There should be a regulatory overview.	The EA, consistency review, and decision notice provides the required regulatory overview.
The collaborative group would like to see some sample tree marking before implementation takes place.	We agree that this would be valuable.
The EA should contain delineation of stand types.	The EA contains the latest delineation of stand types. Further work on stand delineation will be necessary before implementation.
Adjacent land owners concerned about notification of underburning actions.	Chapter 2 contains a requirement for notification under Implementation Requirements.
Adjacent land owner concerned about revealing the BPA line from the vantage point of their property.	A scenic implementation requirement has been added to address this concern in Chapter 2.
Plan does nothing to protect the forest on the steep slopes of Major and Catherine Creeks. Fire breaks should be created.	Most of the steep slopes will benefit from hand (chain-saw only) treatments to prescription. They will take longer to accomplish due to expense and the need to keep fuel loadings to reasonable levels, but the steep slopes are proposed for careful treatment except within the applicable no-cut buffers near Catherine and Major Creeks. See Chapter 2 for a description of treatments in these areas.
Catherine and Burdoin Mt. thinning must be considered together under NEPA.	The cumulative effects of Burdoin added to the Catherine project were analyzed in this document. See Chapter 3, cumulative effects for all resources.

Comment	Resolution
<p>The consistency review application must be complete. The application should include details regarding the location, size, and necessary grading for the proposed temporary roads, haul routes, skid roads, etc. to provide the public with a meaningful opportunity to review the project.</p>	<p>The only proposed temporary road was described in the application details (road to landing off Snowden road). The location and size of landings were indicated in the application. Where grading is not mentioned in the application, no grading will be required. Proposed haul routes and necessary maintenance or reconstruction were described in detail in the application. Skid roads and trails are required to be designated on site in order to meet the detailed requirements of the work at hand. They are not “constructed” and entail no grading.</p> <p>We made every effort to include necessary detail in the application.</p>
<p>The Forest Service should consider excluding the use of mechanized equipment except chainsaws.</p>	<p>We would consider such an exclusion if there was a better and more cost-effective way to remove trees >10” according to the prescriptions.</p>
<p>Ensure that elk and deer winter range protections and restriction on timing protect plant growth and nesting species.</p>	<p>There are several implementation requirements concerning timing to protect plants and nesting species in Chapter 2.</p>
<p>Mitigate effects on hypogeous fungi, etc. in oak woodlands by requiring burn piles to be located to minimize impacts to oak root systems.</p>	<p>We agree that piles should be placed to minimize damage to oak root systems and tree canopies. Our contracts require specific placement for piles. However, an implementation requirement was added to address this.</p>
<p>Protect cultural and recreation resources according to Management Plan guidelines.</p>	<p>An evaluation (in accordance with Management Plan guidelines) of the Catherine Forest Restoration with recommended mitigations was submitted by CRGNSA archeologist, Marge Dryden, to the Washington State Historic Preservation Office and concurrence was received on April 9, 2007.</p> <p>See Chapter 3, effects to Recreation and Chapter 2, implementation requirements for findings and mitigation for recreation.</p>

Comment	Resolution
<p>Include a stewardship plan in the consistency review application as per requirements.</p>	<p>A stewardship plan is not required unless the applicant proposes snag, down wood, and forest openings other than those specified in the Management Plan. The Forest Service does not propose any changes and therefore is not required to include a stewardship plan.</p> <p>Although a stewardship plan is not required in this case, this environmental assessment would qualify as meeting the standard of “thinking about the future” that is the point of a stewardship plan.</p>
<p>Follow guidelines for created openings, snags, and down woody material.</p>	<p>See above.</p>
<p>Concerned about surveying for Northern Goshawk and the effects to its habitat.</p>	<p>According to the biological evaluation and implementation requirements, before project implementation, the area treated will be surveyed for goshawk nests and they will be protected if found. See Appendix A, biological evaluations and Chapter 3, effects to wildlife and plants for effects to its habitat.</p>
<p>The very large fir in the Oak-pine Douglas fir stand on Snowden and Bates road were clearly there as long as the legacy pine. Disagree with a FS statement that “growing in a much younger cohort than the pine and oak was Douglas-fir”.</p>	<p>We agree that the largest Douglas-fir in this stand are as old as the pine and oak. Our statement would have been more properly stated as “There were plentiful Douglas-fir growing in a much younger cohort than the pine, oak, and legacy Douglas-fir.”</p>
<p>4100 acres is a very large project area. Uncomfortable with the idea of treating the entire project area. Need to learn from mistakes.</p> <p>There should be untreated skips and gaps other than the buffered areas.</p>	<p>We agree-- see proposed schedule in Chapter 2. We did not think the whole project area could or would be treated all at once. In addition to the limiting factors discussed in Chapter 2, we also think monitoring is an important learning tool.</p> <p>The planning area is not contiguous. There are large “skips and gaps” in the private and state lands. In addition, some of the steepest and most inaccessible slopes may take longer to treat due to access and cost issues.</p>
<p>(re reference conditions and fire regimes) We believe that there were mixed mosaics of different fire intensities, leaving some forests very open and others quite thick.</p>	<p>We have seen little evidence of this in the planning area. Ages of trees suggest a large comparatively recent influx of in-growth in the area. See Chapters 1 and 3, fire resilience and ecosystem components. The “quite thick” are youngsters.</p>

Comment	Resolution
We don't believe the fire regime is correct at 0-35 years but we trust Darren Kennedy.	We do too, but we have other sources for the information. See references cited under fire resilience in Chapter 4 and Chapter 1, Fire Resilience
The forest service should consider collaboratively hiring a marking crew	We will look into this idea.
Friends (of the Columbia Gorge) supports the collaborative work process that resulted in the subject forest restoration projects.	We appreciate it.
Friends (of the Columbia Gorge) also supports projects that restore and enhance natural resources such as unique oak woodlands so long as such efforts comply with the requirements of the Management Plan.	
...on behalf of the Gifford Pinchot Task Force and our 3,000 members...we are strongly supportive of fire resilience and ecosystem restoration for the Catherine project areas, and we are strongly supportive of the collaborative process that the scenic area has begun...	
The RMP guidelines lack substantive criteria to apply to the proposed activity and may violate the Scenic Area Act.	RMP sufficiency is out of the scope of this project EA.
There should be a scenic condition of approval to limit haul routes, temporary roads, and slash piling areas to locations that are not topographically visible from KVAs.	Forest practices (and associated actions) are required to meet the applicable scenic standard. There is no requirement to be topographically invisible.
The project should meet the visual quality objectives and requirements for the landscape settings.	See Effects to Scenic Resources in Chapter 3.
Clarification is warranted as to whether firewood offered would involve a commercial sale.	Our firewood opportunities are for personal use. However, if the need to remove fuels exceeds the capacity of personal use, commercial removal may be considered in some areas.
Protect Recreation Resources with mitigation measures.	The implementation requirements include recreation mitigation measures.
The air quality protection measures should be clarified to provide clear instructions on when burning will be allowed.	Mitigation measures are not regulations. It is not possible to define every word used. The mitigation measure gives examples to explain the types of methods that are used to reduce effects from smoke.

Comment	Resolution
<p>Forest Service should not propose commercial helicopter harvesting as a method of thinning because they would likely cause a dramatic increase in the impacts to sensitive species.</p>	<p>We disagree that helicopter harvesting would likely cause “a dramatic increase to impacts to sensitive species”. There are implementation requirements restricting activity to times outside breeding seasons of sensitive species (July 1 through February 28). No loud activity will occur within 400 ft. of active western gray squirrel nest trees from March 1 through August 31. In addition, helicopter use only causes ground disturbance at landings--so is generally considered a good solution where new roads are not desirable. See also biological evaluations in Appendix A.</p>
<p>Friends (of the Columbia Gorge) opposes the commercial sale of timber as a means of accomplishing a habitat enhancement project.</p>	<p>We are contracting in order to get the habitat restoration work accomplished. It is not much different than paying a contractor to remove blackberries. It would not be economically sound to <u>pay</u> a contractor to remove wood that has value to that contractor. Stewardship contracting allows us to use the value of the wood (in excess of the cost to the contractor of removing it) to pay for other work such as thinning oaks or reseeding disturbed soils.</p> <p>There are some areas that are not reachable by existing roads or any other means except by foot. This is more expensive for the tax payer and will require leaving valuable wood on the ground--and only to a certain fuel load level. See Chapter 2 for costs.</p>
<p>CRGNSA managers should not be limited by the usual ideas for what makes a project commercially viable. Stewardship contracting should be used to make the project more affordable and attractive to contractors.</p>	<p>We agree.</p>
<p>It is not clear whether the development of temporary roads, skid trails, etc. are roads for the purposes of NSA review.</p>	<p>Temporary roads and skid trails are reviewed as part of an SMA forest practice. They are not intended as a permanent travel-way and are to be removed after tree removal is completed as required in the Natural Resources Mitigation Plan.</p>

Comment	Resolution
Specific Comments on Stand Prescriptions	
Oak-pine woodlands	
We are comfortable and supportive of these prescriptions.	We appreciate it.
Pine-oak-Douglas fir	
We are uncomfortable with reducing Douglas-fir to 10% of the canopy. Uncomfortable with the removal of Douglas-fir trees >20" dbh.	According to the prescriptions in Chapter 2, the <u>understory</u> Douglas-fir canopy can only be reduced to 10% if there are sufficient numbers of other tree species to contribute to the required average total canopy of 50%. Otherwise, they must remain at a higher level to provide the required total canopy cover. Larger Douglas-fir would only be removed under the unlikely situation of a very heavily canopied stand containing only larger trees that required further spacing to allow fire back into the landscape. We do not anticipate nor did we encounter much of this condition but the collaborative group recommended that the prescription allow for this.
We are uncomfortable with considering oak trees with less than 10% live canopy for release.	Adaptive management is indicated. Trees can be monitored for release. Prescriptions can then be adjusted if necessary.
East Conifer	
We are comfortable and supportive of these prescriptions.	We appreciate it.
Oak trees not given realistic protection. Increase clearing radius from 25 to 40-50 feet and limit to saving 3-4 per acre.	Adaptive management monitoring will be conducted to determine whether increased radii are required. Additional thinning could then occur once it is established that the oak are responding to treatment.
(Gifford Pinchot Task Force is) strongly opposed to wholesale stand conversion. Stand conversion at the Snowden and Bates stand is inappropriate because it currently functions as habitat for species such as the western gray squirrel.	The prescriptions do not constitute wholesale stand conversion. Note stand changes in diagrams in Chapter 3, effects to ecosystem components. The prescription does not change the stand's inherent composition. It will retain its habitat function. See Appendix A, Biological Evaluations, and Chapter 3, effects to wildlife and plants.

Comment	Resolution
<p>Areas that fall within the desired canopy range should not be treated and oak release language should be amended to read what was agreed to at the collaborative group meetings-->10" dbh oaks will be released.</p>	<p>We agree. Clarification on the oak release language was made. Stands meeting DFC will not be treated and areas within treated stands that do not meet the "cut" tree requirements will not be treated. Canopy range is only one factor in meeting the DFC. There may be other factors requiring treatment. For example, understory trees can be thinned without affecting the total canopy cover.</p>
<p>Northern East Conifer</p>	
<p>Uncomfortable with low canopy closures for this stand type as well as with the wide spacing for the Douglas-fir trees in the desired condition.</p>	<p>The desired conditions reflected the higher site potential (more water for tree growth) in this area. That is, evidence at the site indicated that VERY large trees once grew here. While the desired condition hopes for very wide spacing, the prescriptions do not call for this type of spacing at this time. Over time, as the trees grow and their canopies widen, the spacing will naturally increase due to repeated underburns and understory mortality. The prescriptions call for caution with regard to the canopy change in that they require no more than a 20-30% reduction in existing canopy.</p>

APPENDIX C-ACCESS AND LANDS INFORMATION

T.3N, R.11E, section 2

Landownership: Properties are surrounded by DNR and private land.

Boundary: Property boundaries have **not** been surveyed. USA ownership is **not** shown correctly on project map. Need document recorded 4/10/1939 in Book 78, Page 611, Klickitat County Deed records to determine whether BPA strip is easement or fee, and the width of the strip (assumed for now to be 300').

Improvements: BPA transmission line.

Third Party Rights: No known third party rights other than BPA **if** strip is an easement.

Access: No legal access; physical access exists.

Reference: SDS exchange (GIP122)

T.3N, R.11E, section 3

Landownership: NFS properties are surrounded by DNR and private land.

Boundary: Property boundaries have **not** been surveyed. **Caution: the western boundary of the SE¹/₄SE¹/₄ and the NE¹/₄SE¹/₄ do not align.**

Improvements: Improvements consist of a natural gas pipeline in NE¹/₄ SE¹/₄

Third Party Rights:

1. Access rights across the south 15' of NW¹/₄SW¹/₄SE¹/₄; unknown who is beneficiary of this right.
2. Northwest Pipeline Corp. – 75' wide gas line easement across N¹/₂NE¹/₄ SE¹/₄.

Access: There **may** be legal but no physical access from Snowden Road to parcel in SE¹/₄SE¹/₄, however title research would need to be conducted to verify this.

There may be physical access across DNR land however no legal access.

Reference: Summerhill (GIP301) and Walker (GIP197) purchases.

T.3N, R.11E, section 13

Landownership: Property is surrounded by DNR and private land except on the S boundary where it abuts NFS land.

Boundary: Property boundaries have been partially surveyed.

Improvements: No known improvements.

Third Party Rights: None known.

Access: Legal and physical access provided by Major Creek County Road

Reference: Lauterbach purchase (GIP182), TPL Lauderbach purchase (GIP65), Allen purchase (GIP331), and Kreps purchase (GIP106).

T.3N, R.11E, section 14

Landownership: Property abuts private land to the N, S & W, and abuts NFS land on the E.

Boundary: Property boundaries have been partially surveyed. There are survey monuments in the NW and NE corner, and the section corner along the S boundary of the former Allen property. **NFS ownership is not shown correctly in the Klickitat County database or on the project map.**

Improvements: No known improvements. All structures, wells, power lines and other improvements have been removed from the site.

Third Party Rights:

1. Klickitat County PUD right of way. This is a floating easement of unspecified width affecting the N $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$.

Access: Legal and physical access provided by Allen Oaks Road. Access is administrative only by deed.

Reference: Allen purchase (GIP331) and SDS Exchange (GIP122)

T.3N, R.11E, section 15

Landownership: NFS property abuts private land to the N, S & W, and abuts NFS land on the E.

Boundary: Property boundaries have been partially surveyed.

Improvements: No known improvements.

Third Party Rights:

1. Reserved road right of way for an existing road in favor of SDS affecting the N $\frac{1}{2}$ SE $\frac{1}{4}$. Road width unknown.

Access: Legal and physical access was supposed to have been granted to the US by SDS in the exchange. The road, which existed at the time of the exchange and which crossed SDS land from Bristol County Road across the N $\frac{1}{2}$ SW $\frac{1}{4}$ of section 15, was omitted from the deed however and so the grant was not made. The Exchange Agreement is a legally binding document, so a case can be made that SDS needs to grant the easement (NOTE: this is one of many roads that were omitted in the deed; grants both to and from SDS and the US were never made).

Reference: SDS Exchange (GIP122)

T.3N, R.11E, section 23

Landownership: NFS property abuts private land to the N, S & W, and abuts NFS land on the E.

Boundary: Property boundary with private land has been surveyed.

Improvements: BPA transmission lines.

Third Party Rights:

1. Transmission line easements (2) to BPA. Easements are 300' wide, plus there is the right to fell danger trees 100' on either side of the easement. All felled trees belong to BPA. Easements are together with right to enter. Easements are silent on landowner rights to use road(s) along power line. (Ref. LVF Exchange & Quigg).
2. A reserved nonexclusive right by Champion International Corp. to use all existing roads on lands sold to LVF for access and timber haul. It is unlikely Champion could claim any current road use rights. (Ref. LVF exchange).
3. Reserved easement right to place utilities within 10' of all parcel boundaries. Affects E $\frac{1}{2}$ E $\frac{1}{2}$ SW $\frac{1}{4}$. (Ref. McVeigh & Quigg)

Access: Legal and physical access to the southern portion of section 23 is provided from Bristol Rd (County) to Bristol Land (private), then easterly across the former LaBelle, Goss and Steffen parcels. Reference is made to correction deed, Auditors File 159878 from Handy acquisition.

Reference: SDS exchange (GIP122), Longview Fibre exchange (GIP123), TPL Lauderbach purchase (GIP65), Quigg purchase (GIP303), McVeigh purchase

(GIP133), Steffen purchase (GIP259), Goss purchase (GIP441), & LaBelle purchase (GIP143).

T.3N, R.11E, section 24

Landownership: Section is almost entirely surrounded by NFS land except a small portion in the NE corner which abuts private land.

Boundary: Property boundary with private land has not been surveyed.

Improvements: No known improvements with the possible exception of flume remnants.

Third Party Rights:

1. 66' right of way for a flume across the N $\frac{1}{2}$ NE $\frac{1}{4}$. This was a 1912 document which also granted riparian rights to Major Creek. There is no known flume in existence. Grant was from landowner to Dorr.
2. There was a 1916 grant of a fee strip 16' wide for an existing flume across the N $\frac{1}{2}$ NE $\frac{1}{4}$, together with right of ingress and egress, and also together with the right to construct and maintain dams on Major Creek. Grant was from Dorr to Major Creek Lumber Co. This right is likely invalid because Dorr did not own the land but only an easement as indicated in no. 1 above.
3. Right of way for a flume across the SW $\frac{1}{4}$ NW $\frac{1}{4}$, the NW $\frac{1}{4}$ SW $\frac{1}{4}$, and the E $\frac{1}{2}$ SW $\frac{1}{4}$. ROW was of unspecified width or location, but flume existed at the time of the grant (1918).

Access: Major Creek County Road (unimproved native surface portion)

Reference: Kreps purchase (GIP106) and TPL Lauderbach purchase (GIP65)

T.3N, R.11E, section 25

Landownership: Section abuts NFS land to the N, E & W, and abuts private/state land on the S.

Boundary: Property boundary with private land has not been surveyed.

Improvements: BPA transmission line. There may be 2 developed springs and water diversion pipe in the SW $\frac{1}{4}$ SW $\frac{1}{4}$.

Third Party Rights:

1. A right of way for an electric transmission line of unspecified width together with a right of ingress and egress to Pacific Power and Light Co. All rights cease when said line has been abandoned. Affects the SE $\frac{1}{4}$ and the SE $\frac{1}{4}$ SW $\frac{1}{4}$ (floating easement). Ref. 67/66.
2. A right of way for an electric transmission line of unspecified width together with a right of ingress and egress to Pacific Power and Light Co. All rights cease when said line has been abandoned. Affects the SW $\frac{1}{4}$ SW $\frac{1}{4}$ (floating easement). Ref. 69/460.
3. A right of way for an electric transmission line of unspecified width together with a right of ingress and egress to Pacific Power and Light Co. All rights cease when said line has been abandoned. Affects all that part of the SE $\frac{1}{4}$ SW $\frac{1}{4}$ & SW $\frac{1}{4}$ SE $\frac{1}{4}$ lying west and south of the rimrock (floating easement). Ref. 75/160.
4. A perpetual easement and right to flood to the 95.5' contour line and the right to enter to remove timber, brush & driftwood in favor of the United States (COE). Affects the SW $\frac{1}{4}$ SW $\frac{1}{4}$ and that portion of the SE $\frac{1}{4}$ SW $\frac{1}{4}$ lying west and south of the rimrock. Ref. 78/452.

5. Reserved rights to subsurface minerals, gas and oil but with no right of surface entry. Ref. 115/27 & 230/713.
6. A 25' wide easement for travel and driving stock over and across a portion of the SW¹/₄SE¹/₄, the S¹/₂SW¹/₄ and the NW¹/₄SW¹/₄. Grant was from DuBois to Lauderbach; US is likely successor in interest to this ROW. Ref. 99/25.
7. Transmission line easement to BPA. Easement is 300' wide, plus the right to fell all danger trees (BPA owns such felled trees). Easements are together with right to enter. Affects the S¹/₂N¹/₂ & NW¹/₄NW¹/₄. ALSO – a 14' wide road ROW across a significant portion of the section, however the landowner (now USA) retained the right to use and cross the road as long as it didn't interfere with BPA's use of the road. This road runs from Hwy 8 northwesterly to Atwood County Road. Ref. 115/201.
8. Lauderbach reserved all minerals in the conveyance to TPL but has no right of surface entry.

Access: Legal and physical access if provided through the BPA road between Hwy 8 and Atwood Road as noted in No. 7 above.

Reference: TPL Lauderbach purchase (GIP65) & BLM Transfer

T.3N, R.11E, section 26

Landownership: Section abuts NFS land to the E and abuts private/state land on all other sides. Complex ownership with inholdings. Complex access rights.

Boundary: Property boundary with private land has been surveyed and posted.

Improvements: BPA line in NE¹/₄NE¹/₄; Klickitat PUD power line in SW¹/₄. Possible PPL power line in S¹/₂SE¹/₄.

Third Party Rights:

1. An easement of unspecified width for electric transmission in favor of Pacific Power and Light Co, together with the right of ingress and egress. Rights cease when line is abandoned. Affects S¹/₂SE¹/₄. Ref. Lauderbach 67/179.
2. Ownership of all subsurface minerals, gas and oil but with no right of surface disturbance (current owner unknown). Affects S¹/₂SE¹/₄. Ref. Lauderbach 99/25 & 230/173.
3. Transmission line easement to BPA. Easement is 300' wide, plus the right to fell all danger trees (BPA owns such felled trees). Easements are together with right to enter. Affects the NE¹/₄NE¹/₄. Ref. Lauderbach 115/201.
4. Lauderbach reserved all minerals in the conveyance to TPL but has no right of surface entry. Note Lauderbach did not own the mineral rights on some of the conveyed lands. Ref. Lauderbach 143/372.
5. 10' wide easement for drainage and utilities along all exterior boundaries. Affects NW¹/₄NE¹/₄. Ref. Handy 178/396.
6. 30' easement for egress, ingress and utilities. Affects north 30' of west 1900 feet of N¹/₂S¹/₂SW¹/₄. Ref. Kornman 161/687 & 162/667.
7. 60' **fee strip** to Klickitat County for road purposes (Cooke Road). Affects the N¹/₂SW¹/₄NW¹/₄. Ref. Johnson 229/113.
8. Permanent, nonexclusive easement for ingress, egress, and utilities over the "Old County Road" and existing logging roads. The Old County Road is now believed to be the Atwood Road. Affects the E¹/₂ sec. 26. Ref. Johnson 158/529.

9. A perpetual easement of unspecified width over, under and across said parcel for electric transmission in favor of Klickitat PUD No. 1, together with the right of ingress and egress. Affects the N $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$. Ref. Johnson 247/704.
10. A right of way easement for construction and maintenance of utility systems (electric, communication, water, sewer), plus the right of ingress and egress, in favor of Klickitat PUD No. 1. Affects the SW $\frac{1}{4}$ SW $\frac{1}{4}$. Ref. Warren 180/142 and Clouse 180/133.
11. A perpetual 20' wide easement over, under and across said parcel for electric transmission in favor of Klickitat PUD No. 1, together with the right of ingress and egress. Affects that portion of the SW $\frac{1}{4}$ SW $\frac{1}{4}$ lying NW of a straight line running between the NE and SW corners. Ref. Warren 242/694.
12. A right of way easement for construction and maintenance of utility systems (electric, communication, water, sewer), plus the right of ingress and egress, in favor of Klickitat PUD No. 1. Affects the S $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$. Ref. Finzer 180/137. Poles do exist on the ground.

Access: Legal access to the northern portion of section 26 is provided from Bristol Rd (County) to Bristol Land (private), then easterly across the former LaBelle, Goss and Steffen parcels. Reference is made to correction deed, Auditors File 159878 from Handy acquisition. Also Cooke County Road to Atwood County Road. Reference is made to Maxon file, document 161/606. There appears to be no physical access to the SW $\frac{1}{4}$ SW $\frac{1}{4}$ or the SE $\frac{1}{4}$ of the section. Legal and physical access to the SE $\frac{1}{4}$ SW $\frac{1}{4}$ of the section is via an unmaintained 4WD native surface private road. BPA road north of Atwood Road as noted in No. 3 above.

NOTE: There are three water rights associated with the Warren purchase (portion of the SW $\frac{1}{4}$ SW $\frac{1}{4}$). One right is associated with a well (believe to have been capped) and two associated with intermittent streams. The latter two have minor dam structures at the point of diversion, but no water available for diversion.

Reference: TPL Lauderbach purchase (GIP65), Handy purchase (GIP241), Goss purchase (GIP441), Steffen purchase (GIP259), Johnson purchase (GIP25), Kornman purchase (GIP349), Warren (GIP116), Clouse (GIP167), Finzer (GIP422), Ibsen (GIP202), Hiatt (GIP351).

T.4N, R.11E, section 36

Landownership: NFS property is surrounded by DNR and private land except E boundary which abuts NFS land.

Boundary: Property boundaries have **not** been surveyed. US ownership is **not** shown correctly on project map.

Improvements: No known improvements.

Third Party Rights:

1. Mineral rights belong to the State of WA
2. 15' road right of way to two private landowners; USFS is successor in interest to one of the two landowners (Eaton purchase).

Access: Legal and physical access provided as successor in interest to rights obtained under document recorded 10/16/1981 in Book 210, Page 279, File No. 183615.

Reference: Broughton exchange (GIP121)

T.3N, R.12E, section 19

Landownership: NFS property abuts private land to the N, BIA & private land to the E, and NFS land to the S and W.

Boundary: Property boundaries have not been surveyed.

Improvements: None known.

Third Party Rights:

1. A 16.5' wide right of way for a flume in favor of Major Creek Lumber Company. This 1913 document also granted riparian rights to Major Creek including the right to locate a dam and lateral flume. It also granted the right of ingress and egress for constructing, maintaining, and operating the flume. It is unknown whether there is or ever was a flume in existence. Ref. TPL Lauderbach 38/223.

Access: Legal and physical access would be by Major Creek Road, an un-maintained county road.

Reference: TPL Lauderbach purchase (GIP65), and Kreps purchase (GIP106).

T.3N, R.12E, section 30

Landownership: NFS property abuts NFS & BIA land to the N, County & private land to the E, NFS & County land to the S, and NFS land to the W.

Boundary: Property boundaries have not been surveyed.

Improvements: BPA transmission line; possible PUD electric lines and possible phone line.

Third Party Rights:

1. Transmission line easement to BPA. Easement is 300' wide, plus the right to fell all danger trees (BPA owns such felled trees). Easements are together with right to enter. Affects Gov. Lots 1 & 2. ALSO – a 14' wide road ROW, however the landowner (now USA) retained the right to use and cross the road as long as it didn't interfere with BPA's use of the road. This road runs from Hwy 8 northwesterly to Atwood County Road. Ref. TPL Lauderbach 115/201.
2. Access road right of way issued to BPA by BLM. Affects Gov. Lot 4. Ref. BLM transfer WASH01048. Details of ROW are unknown (need to obtain document WASH01048)

3. A right of way easement of unspecified width and location for construction and maintenance of an electric transmission line, plus the right of ingress and egress, in favor of Pacific Power and Light. Affects the NE $\frac{1}{4}$ SW $\frac{1}{4}$ and N $\frac{1}{2}$ SE $\frac{1}{4}$. Existence of power line is unknown. Ref. Sauter 67/20.
4. Electric transmission line easement in favor of Klickitat County PUD No. 1 plus the right of ingress and egress. Location and width of line is unspecified. Affects those portion of the SE $\frac{1}{4}$ and the E $\frac{1}{2}$ SW $\frac{1}{4}$ lying north of the Hwy. Existence of power line is unknown. Ref. Sauter 114/611.
5. Electric transmission line easement in favor of Klickitat County PUD No. 1 plus the right of ingress and egress. Location and width of line is unspecified. Affects the NE $\frac{1}{4}$ SW $\frac{1}{4}$ and that portion of tax lot 4 lying west of Major Creek and north of the Old Lyle Hwy. Existence of power line is unknown. Ref. Sauter 144/52.
6. A telephone right of way easement in favor of United Telephone Co of the Northwest plus the right to use the private road. Affects an existing road located in the E $\frac{1}{2}$ SE $\frac{1}{4}$ which begins at the Old Lyle Hwy and proceed northerly 1210 feet then easterly 250 feet. Existence of line is unknown. Ref. Sauter 246/244.

Access: Legal and physical access is from a county road (Old Lyle Hwy/Old Hwy 8) to an existing BPA road that FS has existing rights to use. Note the FS has NO legal access across BIA land.

Reference: TPL Lauderbach purchase (GIP65), BLM Transfer, and Sauter (GIP296)

T.4N, R.12E, section 30

Landownership: NFS property is surrounded by private land except S boundary which abuts NFS land.

Boundary: Property boundaries have **not** been surveyed. US ownership is **not** shown correctly on project map.

Improvements: No known improvements.

Third Party Rights: None known.

Access: No legal access except that provided through T.4N, R.12E, section 36. No physical or legal access south of Major Creek.

Reference: SDS exchange (GIP122) and Broughton exchange (GIP121)

T.4N, R.12E, section 31

Landownership: NFS properties are surrounded by DNR, BPA and private land except N boundary which abuts NFS land.

Boundary: Property boundaries have **not** been surveyed.

Improvements: No known improvements.

Third Party Rights: None known. There appears to be an encroachment of an agricultural field by the Graves Family Trust in the S $\frac{1}{2}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$.

Access: No legal access except that provided through T.4N, R.12E, section 36. No legal or physical access south of Major Creek.

Reference: Broughton exchange (GIP121) and Graves purchase (GIP254).

ADJACENT PARCELS WITHIN 200 FEET OF PROJECT PROPERTY:

Parcel	Name	Address		City	State	Zip
West Fork Major Creek						
04113555000400	CLARK COLLEGE FOUNDATION TRUSTEE	1800 E MCLOUGHLIN BLVD		VANCOUVER	Washington	98663
04113555000300	HENDRY, JOHN	PO BOX 961		BINGEN	Washington	98605
04113500002100	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
03110200000300	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
03110200000400	STATE FORESTRY	PO BOX 47014		OLYMPIA	Washington	98504-7014
03110300000100	STATE FORESTRY	PO BOX 47014		OLYMPIA	Washington	98504-7014
03110300001800	STATE FORESTRY	PO BOX 47014		OLYMPIA	Washington	98504-7014
03111000000100	DEPT OF NATURAL RESOURCES	PRODUCT SALES & LEASING	PO BOX 47014	OLYMPIA	Washington	98504-7014
03111100000200	DEPT OF NATURAL RESOURCES	PRODUCT SALES & LEASING	PO BOX 47014	OLYMPIA	Washington	98504-7014
03111000001400	HOUSE,ARTHUR	319 BATES RD		WHITE SALMON	Washington	98672
03110300001200	DUGGER,STEPHEN	PO BOX 258		HUSUM	Washington	98623
03110300002500	GOHL, LAVERNE	725 SNOWDEN RD		WHITE SALMON	Washington	98672
03110300001300	SKAKEL,NANCY	687 SNOWDEN RD		WHITE SALMON	Washington	98672
03111100000400	NICOLAI, TOM, 320 BATES LLC	900 SW FIFTH AVE STE 2600		PORTLAND	Oregon	97204
03111100000500	BLILIE,JAMES	5997 TURTLE CREEK RD		SHOREVIEW	Minnesota	55126
03110351000100	BERNHARDT, MICHELLE	PO BOX 781		ENUMCLAW	Washington	98022
03110300001100	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
East Fork Major Creek						
04113600000200	DEPT OF NATURAL RESOURCES	PRODUCT SALES & LEASING	PO BOX 47014	OLYMPIA	Washington	98504-7014
04113600000300	EATON, MARTY	242 ACME ROAD		WHITE SALMON	Washington	98672
04113600001000	EHRHART, EDWARD	EHRHART TRUST	63 MCC ARTHUR RD	WHITE SALMON	Washington	98672
04112500001400	ALBRIGHT, GLORIA	4058 F CIRCLE		WASHOUGAL	Washington	98671
04112500001500	BROUGHTON LUMBER CO	92 Office Rd		UNDERWOOD	Washington	98651
04123000000600	BROUGHTON LUMBER CO	92 Office Rd		UNDERWOOD	Washington	98651
04123000000400	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
04123000000200	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
04123000000100	BROUGHTON LUMBER CO	92 Office Rd		UNDERWOOD	Washington	98651
04122900000200	BROUGHTON LUMBER CO	92 Office Rd		UNDERWOOD	Washington	98651
04122900000400	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
04123200000300	GRAVES LIVING TRUST	40 STEVE GRAVES RD		LYLE	Washington	98635
04123100000100	GRAVES LIVING TRUST	40 STEVE GRAVES RD		LYLE	Washington	98635
04123100000300	DEPT OF NATURAL RESOURCES	PRODUCT SALES & LEASING	PO BOX 47014	OLYMPIA	Washington	98504-7014
Confluence Major Creek						
03111100000100	BOLES,BRUCE	1404 NW OVERTON		PORTLAND	Oregon	97209
03111200000300	BOLES,ENID	1404 NW OVERTON		PORTLAND	Oregon	97209

0311120000200	COCHENOUR,DANIEL	315 MCGOWEN RD		LYLE	Washington	98635
0311120000800	DEPT OF NATURAL RESOURCES	PRODUCT SALES & LEASING	PO BOX 47014	OLYMPIA	Washington	98504-7014
0311120000500	DEPT OF NATURAL RESOURCES	PRODUCT SALES & LEASING	PO BOX 47014	OLYMPIA	Washington	98504-7014
0311110000200	DEPT OF NATURAL RESOURCES	PRODUCT SALES & LEASING	PO BOX 47014	OLYMPIA	Washington	98504-7014
East Side of Area Along Major Creek						
0311130000100	TUTHILL RANCH INC	100 TUTHILL RD		LYLE	Washington	98635
0312180000000	TUTHILL RANCH INC	100 TUTHILL RD		LYLE	Washington	98635
0312190000100	TUTHILL RANCH INC	100 TUTHILL RD		LYLE	Washington	98635
0312190000200	MILES, LARRY AND MODINE	160 MAJOR CREEK RD		LYLE	Washington	98635
0312190000500	TRIBAL LANDS				No State	
0312300000100	TRIBAL LANDS				No State	
0312300000400	SAUTER,JOHN	381 OLD HWY		LYLE	Washington	98635
0312300001100	SAUTER,DAVID	PO BOX 42		LYLE	Washington	98635-9310
03122900001800	SAUTER,DAVID	PO BOX 42		LYLE	Washington	98635-9310
03122900000600	KROESKOP,CAROL	323 OLD HWY		LYLE	Washington	98635
03122900000800	BURRIS,NEVA	115 BALCH RD		LYLE	Washington	
03122900001100	BOEN,STEPHANIE	31 SAUTER RD		LYLE	Washington	98635
03122900001600	SAUTER,THEODORE	33 SAUTER RD		LYLE	Washington	98635
03123200000300	SAUTER,THEODORE	33 SAUTER RD		LYLE	Washington	98635
South of Area near SR14 to Locke Lake						
03123200000600	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03123100000200	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03123100000300	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03123000000500	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03123000000800	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03123100000600	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03113600000600	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03113600000100	JOHNSTON, HOWARD & JEANETTE	486 OLD HWY		LYLE	Washington	98635-9311
03113600000300	STINGL,DANIEL	7171 HWY 14		LYLE	Washington	98635
	STINGL,DANIEL	PO BOX 2741		BONITA SPRINGS	Florida	34133
03113600000400	DEPARTMENT OF WILDLIFE	600 N CAPITOL WAY		OLYMPIA	Washington	98501-1091
03113500000100	DEPARTMENT OF WILDLIFE	600 N CAPITOL WAY		OLYMPIA	Washington	98501-1091
03113500000800	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03113500000700	BURLINGTON NORTHERN, INC	PO BOX 961089		FORT WORTH	Texas	76161-0089
03113500000900	BURLINGTON NORTHERN, INC	PO BOX 961089		FORT WORTH	Texas	76161-0089
03113400001600	DEPT OF TRANSPORTATION	PO BOX 1709		VANCOUVER	Washington	98668
03112500000200	DEPARTMENT OF WILDLIFE	600 N CAPITOL WAY		OLYMPIA	Washington	98501-1091
North of Allen Oaks - outside NSA						
03111100001500	ALLEN,RODERICK	PO BOX 514		WHITE SALMON	Washington	98672
03111400000100	VANMETER,WILLIAM	15643 VAIL RD SE		YELM	Washington	98597-9563
03111400000200	JENNY,RICHARD	9304 NE 249TH ST		BATTLE GROUND	Washington	98604-9512
03111400000300	VANLEUVEN,SUSAN	9304 NE 249TH ST		BATTLEGROUND	Washington	98604-9512
03111400000600	BINKLY,JERRY	9804 NE 4TH CIRCLE		VANCOUVER	Washington	98664
03111400000700	REBELLO,JOHN	10916 NE 119TH ST		VANCOUVER	Washington	98662
03111400000800	BINKLY,JERRY	9804 NE 4TH CIRCLE		VANCOUVER	Washington	98664

03111400000500	FREE,BRUCE	12770 SE WINSTON RD		BORING	Oregon	97009
03111400001300	FORTANEL,EDUARDO	PO BOX 784		WHITE SALMON	Washington	98672
03111400001400	MOREAU,JACQUELINE	21 CATHERINE CREEK RD		WHITE SALMON	Washington	98672
03111400001600	PAINTER,TROY TRUSTEE	26 N MAJOR CREEK RD		WHITE SALMON	Washington	98672
03111500000501	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
03111500001000	CROSMAN,CHARLES	PO BOX 1216		WHITE SALMON	Washington	98672
03111500001001	CROSMAN,CHARLES	PO BOX 1216		WHITE SALMON	Washington	98672
03111500001200	LOEB,DOUG	20 W GARFIELD ST		SEATTLE	Washington	98119
03111500000500	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
Top of Coyote Wall						
03111400001700	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
03112300000200	SDS COMPANY LLC	PO BOX 266		BINGEN	Washington	98605
03112300000500	THESENGA,BRUCE	144 STAR RIDGE RD		BOZEMAN	Montana	59715
03112300000600	GAUL,WILLARD	7301 SW 26TH AVE		PORTLAND	Oregon	97219
3112350000100	GAUL,TERESA	7301 SW 26TH AVE		PORTLAND	Oregon	97219
31123500000200	GAUL,WILLARD	7301 SW 26TH AVE		PORTLAND	Oregon	97219
31123500000300	GAUL,TERESA	7301 SW 26TH AVE		PORTLAND	Oregon	97219
31123500000400	GAUL,WILLARD	7301 SW 26TH AVE		PORTLAND	Oregon	97219
03112600000400	ALLEN FAMILY RLT	40475 SE HWY 26		SANDY	Oregon	97055

CATHERINE FOREST RESTORATION
 COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
Proposed Road Work Sketch

Landing, Sec. 3 at the junction with Snowden Road
 Sec. 3, T.3N., R.11E., Snowden Road Milepost 7.3

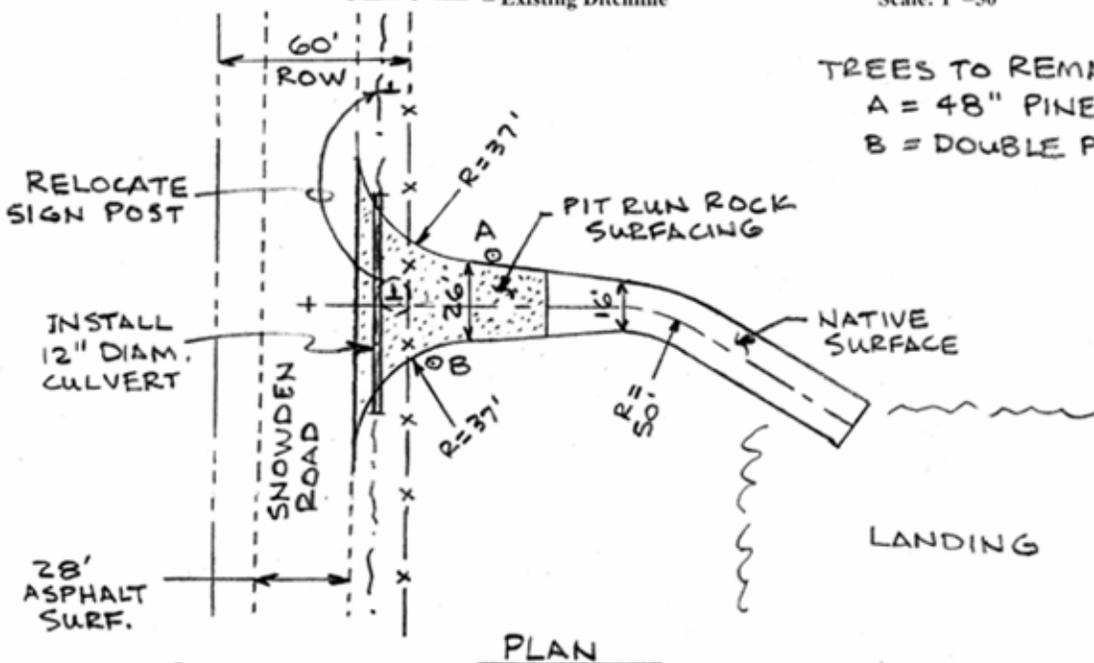
Legend:
 R = Radius
 ROW = Right of Way

Symbols:
 - - - - - x - - - - - x - - - - - = Existing Fence Line
 - - - - - = Edge of Existing Road
 - - - - - = Centerline of Proposed Road Work
 - - - - - = Edge of Proposed Road Work
 - - - - - = Existing Ditchline

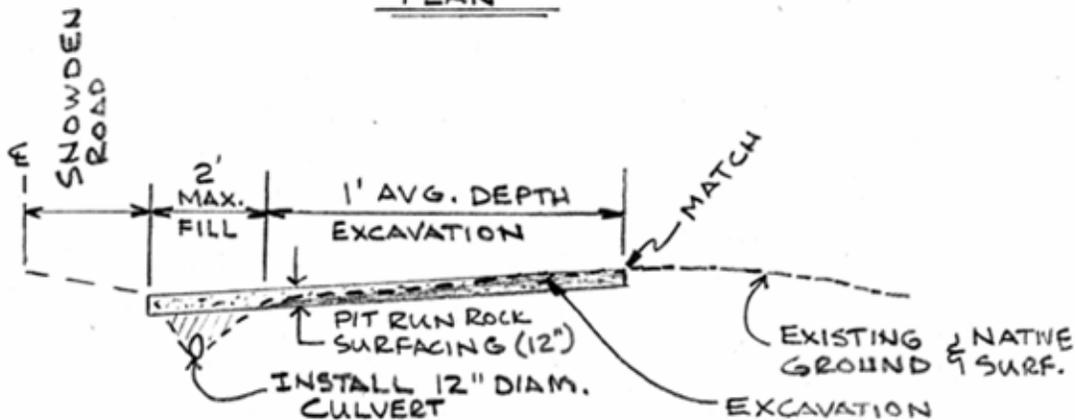


Scale: 1"=50'

TREES TO REMAIN:
 A = 48" PINE
 B = DOUBLE PINE



PLAN



PROFILE ALONG PROPOSED CENTERLINE
 (SCALE EXAGGERATED)

CATHERINE FOREST RESTORATION
 COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
Proposed Road Work Sketch

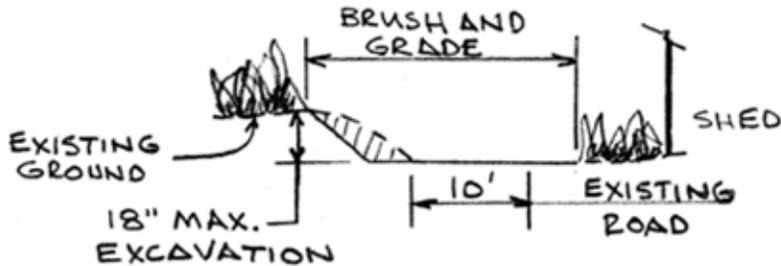
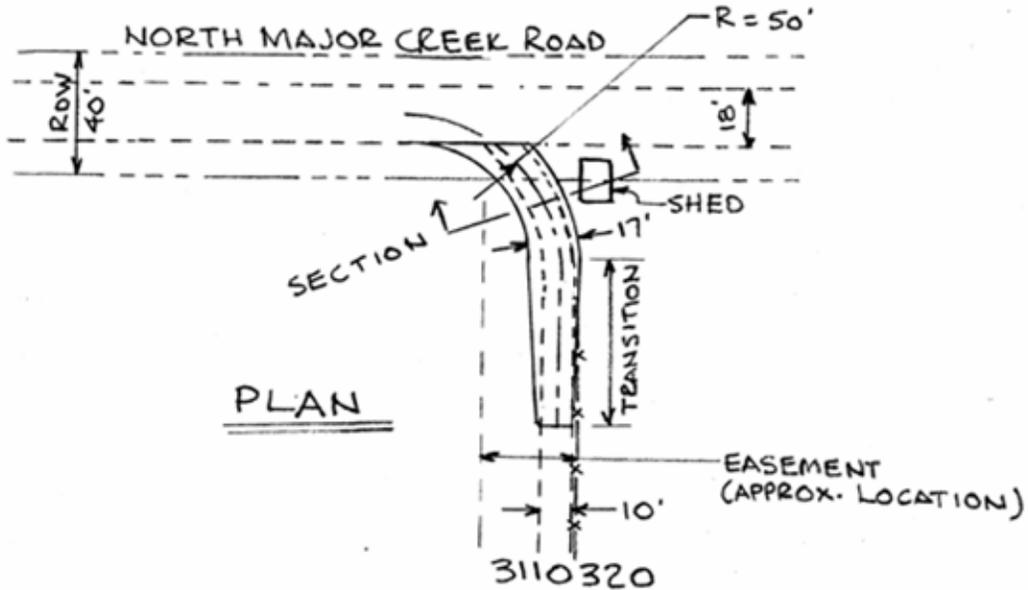
Road 3110320 at the junction with North Major Creek Road
 Sec. 14, T.3N., R.11E., North Major Creek Road Milepost 0.6

Legend:
 R = Radius
 ROW = Right of Way

Symbols:
 -x-x-x-x-x- = Existing Fence Line
 - - - - - = Edge of Existing Road, gravel or native surface
 - - - - - = Centerline of Proposed Road Work
 _____ = Edge of Proposed Road Work



Scale: 1"=50'



SECTION
 (NO SCALE)

CATHERINE FOREST RESTORATION
 COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
Proposed Road Work Sketch

Road 3110320, Milepost 0.5
 Sec. 14, T.3N., R.11E.

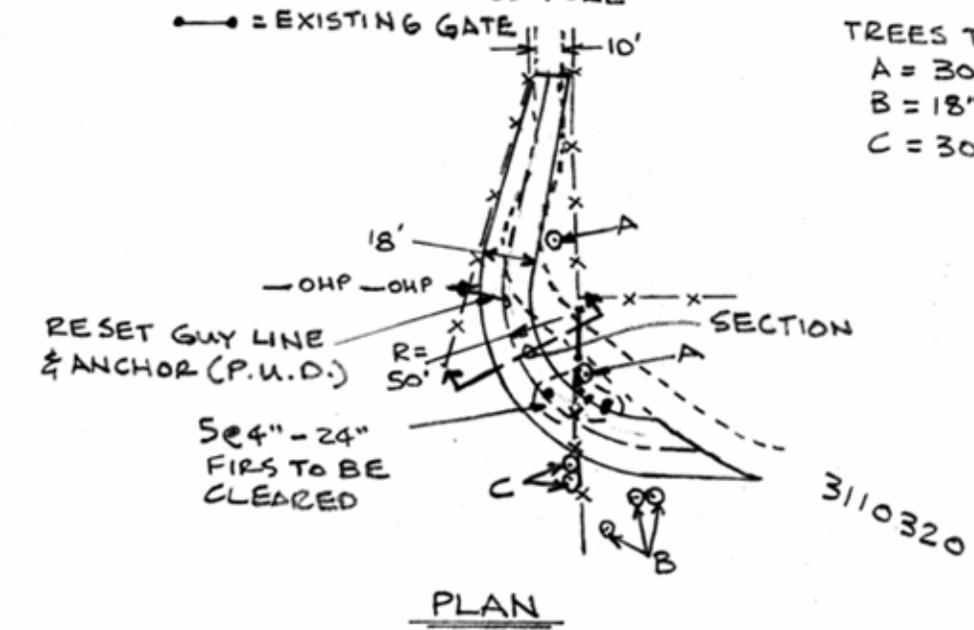
Legend:
 R = Radius
 ROW = Right of Way
 OHP = OVERHEAD
 POWER LINE

Symbols:
 - - - x - - - x - - - = Existing Fence Line
 - - - - - = Edge of Existing Road, native surface
 - - - - - = Centerline of Proposed Road Work
 - - - - - = Edge of Proposed Road Work
 ◆ = POWER POLE
 ● = EXISTING GATE

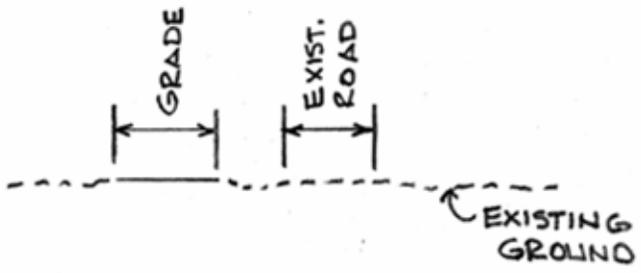


Scale: 1"=50'

TREES TO REMAIN:
 A = 30" FIR
 B = 18"-20" FIR
 C = 30"-36" FIR



PLAN



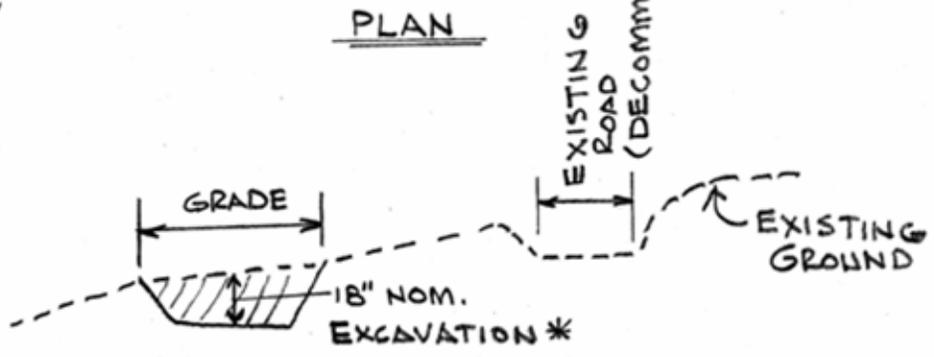
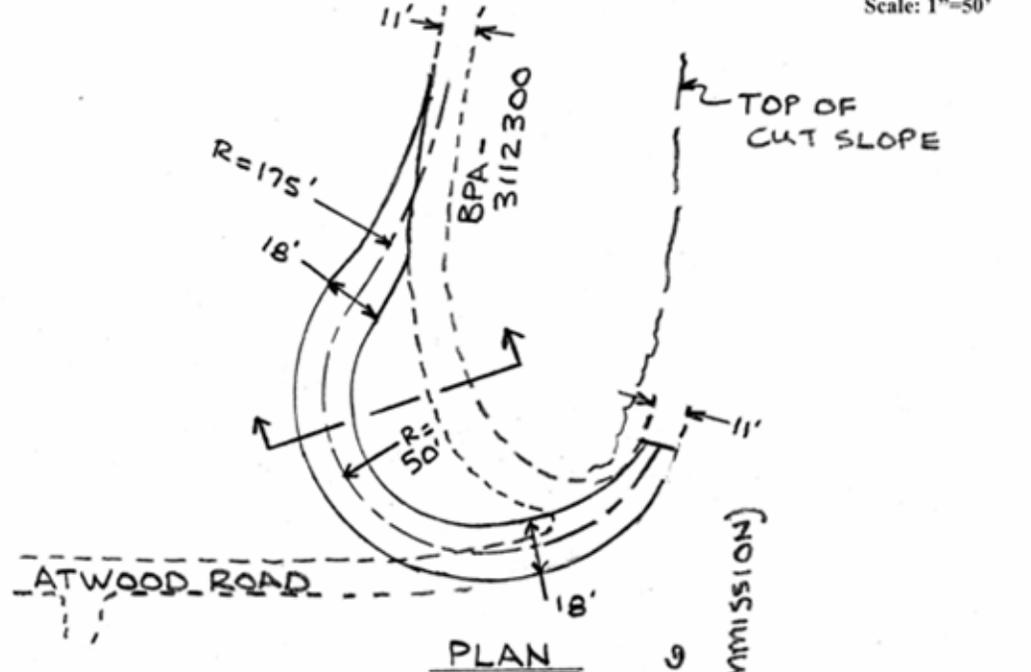
SECTION
 (NO SCALE)

CATHERINE FOREST RESTORATION
 COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
Proposed Road Work Sketch

Road BPA-3112300 at the junction with Atwood Road
 Sec. 25, T.3N., R.11E., 1.9 miles from Old Hwy. No. 8

Legend:
 R = Radius
 ROW = Right of Way

Symbols:
 - - - - x - - - - x - - - - = Existing Fence Line
 - - - - - = Edge of Existing Road, native surface
 - - - - - = Centerline of Proposed Road Work
 - - - - - = Edge of Proposed Road Work



* DEPTH OF EXCAVATION VARIES FROM 3' - 0'
 WITH AN AVERAGE DEPTH OF 18" AT THIS SECTION.

SECTION
 (NO SCALE)

CATHERINE FOREST RESTORATION
 COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
Proposed Road Work Sketch

Atwood Road

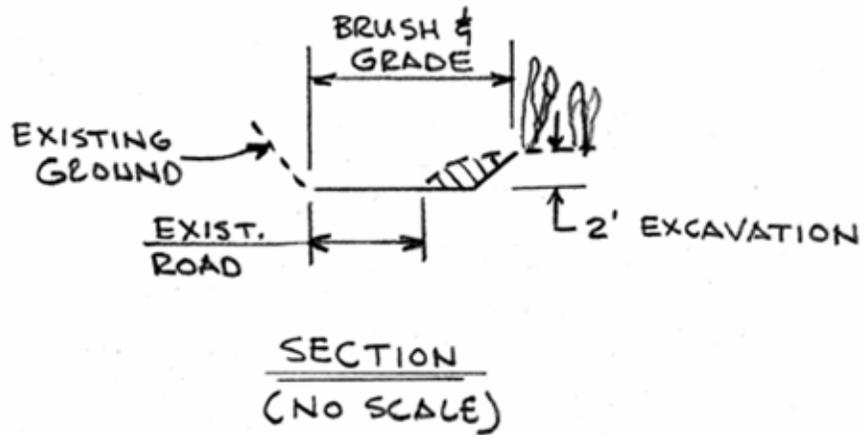
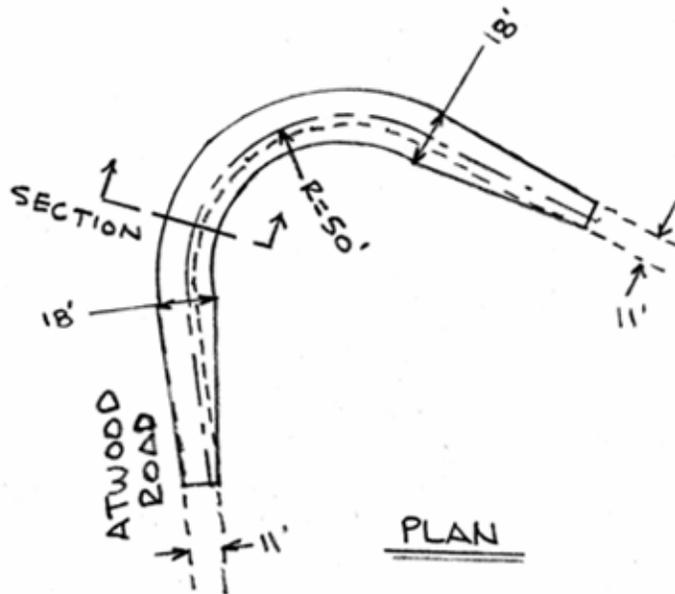
Sec. 25, T.3N., R.11E., 1.65 miles from Old Hwy. No. 8

Legend:
 R = Radius
 ROW = Right of Way

Symbols:
 -x-x-x-x- = Existing Fence Line
 - - - - - = Edge of Existing Road, native surface
 - - - - - = Centerline of Proposed Road Work
 _____ = Edge of Proposed Road Work



Scale: 1"=50'



CATHERINE FOREST RESTORATION
 COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
Proposed Road Work Sketch

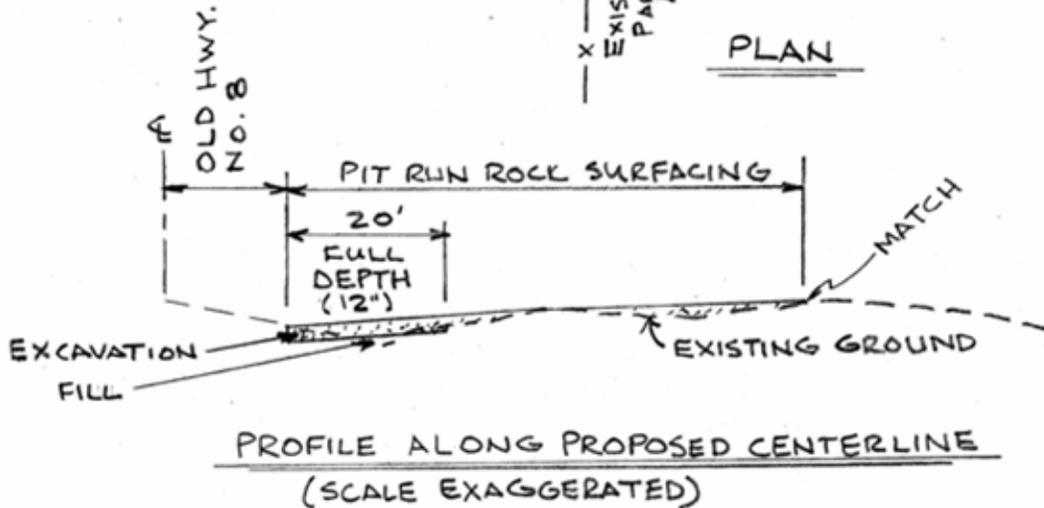
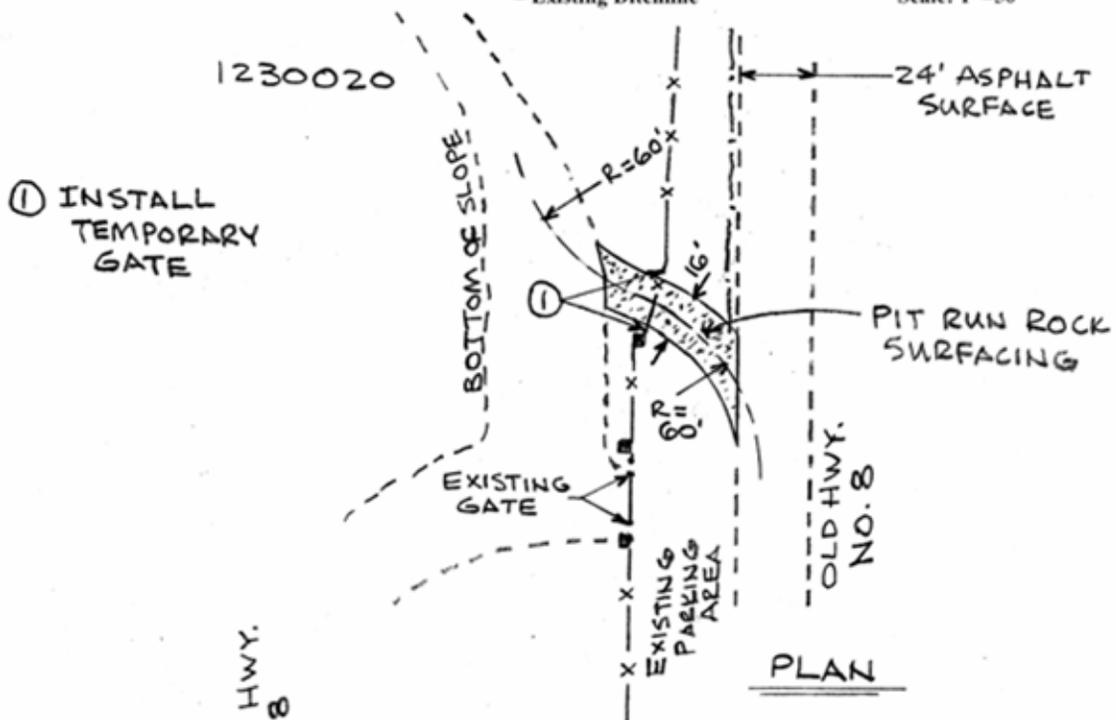
Road 1230020 at the junction with Old Hwy. No. 8
 Sec. 25, T.3N., R.11E., Old Hwy. No. 8 Milepost 1.5

Legend:
 R = Radius
 ROW = Right of Way

Symbols:
 -x-x-x-x-x- = Existing Fence Line
 - - - - - = Edge of Existing Road
 - - - - - = Centerline of Proposed Road Work
 - - - - - = Edge of Proposed Road Work
 - - - - - = Existing Ditchline



Scale: 1"=50'



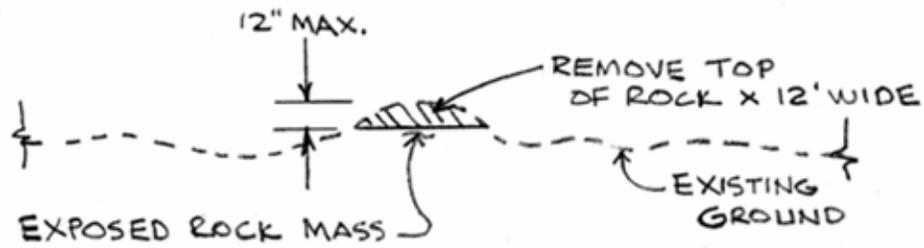
CATHERINE FOREST RESTORATION

COLUMBIA RIVER GORGE NATIONAL SCENIC AREA

Proposed Road Work Sketch

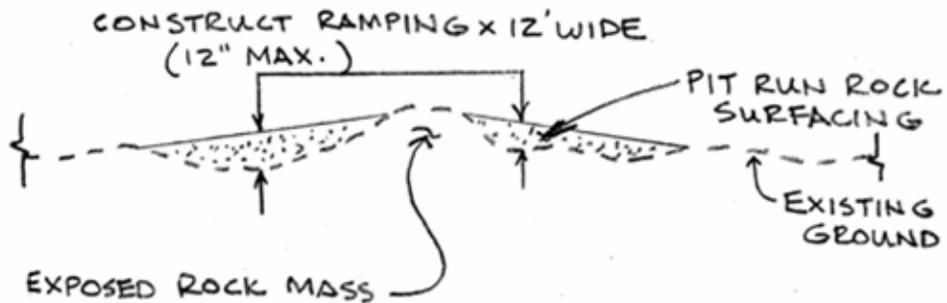
Road 1230020 "Bumps" Milepost 0.05 to Milepost 0.15

Sec. 30, T.3N., R.12E.



TYPICAL PROFILE, TOP OF ROCK REMOVAL
(NO SCALE)

OR



TYPICAL PROFILE, RAMPING
(NO SCALE)

CATHERINE FOREST RESTORATION
 COLUMBIA RIVER GORGE NATIONAL SCENIC AREA
Proposed Road Work Sketch

Road 1230020 Milepost 0.2
 Sec. 30, T.3N., R.12E.

Legend:
 R = Radius
 ROW = Right of Way

Symbols:
 -x-x-x-x-x- = Existing Fence Line
 - - - - - = Edge of Existing Road
 - - - - - = Centerline of Proposed Road Work
 - - - - - = Edge of Proposed Road Work
 - - - - - = Top of Creek Bank

