



United States  
Department of  
Agriculture

Forest  
Service

Nez Perce National Forest  
104 Airport Road  
Grangeville, ID 83530  
208-983-1950

Clearwater National Forest  
12730 Highway 12  
Orofino, ID 83544  
208-476-4541

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File Code: 1950

Date: February 13, 2013

Dear Planning Participant:

The Nez Perce-Clearwater National Forests will be considering a number of *proposed* projects and conducting environmental analyses in the near future. A separate decision will be made on each project. Proposed projects are included in Part A or Part B, based on their comment requirements.

The Nez Perce-Clearwater National Forests have made a preliminary assessment that these projects fall within categories of actions listed in 36 CFR 220.6, thereby excluding them from documentation in an Environmental Assessment or Environmental Impact Statement. Brief project descriptions are included below.

I invite your comments. To submit a comment on any of these projects, please follow the instructions below.

Thank you for your continued involvement in the Nez Perce-Clearwater National Forests.

Sincerely,

  
for RICK BRAZELL  
Forest Supervisor

Attachments:

- Part A Projects
- Part B Projects
- Maps of A & B Projects

## PART A PROJECTS

### *Introduction*

The Nez Perce-Clearwater National Forests will be considering the following *proposed* projects (hereinafter referred to simultaneously as “proposed, proposal, project, and/or projects”) and conducting environmental analyses in the near future. Please review the following projects and submit your comments as described below so they can be included in our analyses.

### *How to Provide Comments*

We are interested in your comments about these projects and invite you to send site-specific written comments to us for the following:

- *Jim Brown Inlet Realignment*
- *Road 5621 Drainage Improvement*
- *Road 311 Culvert Replacement*
- *Tributary to West Fork American AOP*

To assure your written comments are fully considered during the analyses of these projects, please submit your comments by March 18, 2013. Comments submitted after that date would be accepted but our ability to respond effectively could be reduced. **Please note that all comments received will be included in the public record; therefore, names and addresses of participants cannot be kept confidential [7 CFR Part 1 Subpart B 1-27(c)].**

If you have any questions or would like additional information regarding these projects, please feel free to contact Linda Helm, Small NEPA Coordinator, Nez Perce-Clearwater National Forests, Kamiah office, (208) 935-4285. Oral comments must be provided to her during normal business hours *via* telephone or in person. Written comments should either be mailed to her at Nez Perce-Clearwater Forest, 903 Third Street, Kamiah, Idaho 83536; or, hand-delivered between 8:00 a.m. to 4:30 p.m. (PST), Monday through Friday (excluding holidays) to her c/o Nez Perce-Clearwater Forest, 104 Airport Road, Grangeville, Idaho 83530, where they will be forwarded to the Kamiah office *via* electronic mail. Electronic comments should be submitted in rich text format (.rtf) or Word (.doc) to [comments-northern-nezperce@fs.fed.us](mailto:comments-northern-nezperce@fs.fed.us).

### *Proposed Projects*

#### *Lochsa Ranger District*

##### **Jim Brown Inlet Realignment**

**Legal Description:** T35N R5E Sec11 SW ¼ SW ¼ NE ¼ and SE ¼ NW ¼ Boise Meridian (Please see page 12, attached hereto.)

**Proposed Category:** 36 CFR 220.6 (d)(4) *Repair and maintenance of roads, trails and landline boundaries.*

**Narrative Summary:** The Lochsa District Ranger, in partnership with the Nez Perce Tribe, proposes to reactivate an old meander bend/high flow channel in order to improve entrance hydraulics and floodplain function, and decrease road flooding. The existing culvert would be replaced with a bridge as decided in a previous decision dated July 8, 2008 (small NEPA, Jim Brown LTF). This project modifies the previous small NEPA project by adding the stream approach realignment at the third culvert replacement. The other two culvert replacements covered by the 2008 decision have been completed.

At the time of the previous decision, there was not a design at this site. The design necessitates a change in the alignment between the bridge inlet and the channel. This proposal will reactivate approximately 400 feet of old channel meander by constructing a stream diversion berm in the channelized stream parallel to the road, and excavating parts of the old meander bend. Straw wattles, vegetation and minor amounts of riprap will protect excavation and embankment areas. The flow will then end the new bridge perpendicular to the road, rather than having to turn 90 degrees.

The project would be completed with heavy equipment (excavators, dozers, and possibly a crane) between July 15, 2013 and August 15, 2013. Coordination is ongoing with the Clearwater Highway District, which has primary maintenance responsibility for the road; as well as Potlatch Corporation and Tim Lewis, landowners on either side of the road. All parties concur with the project and written agreements have been drafted for signatures.

All appropriate Best Management Practices (hereinafter referred to as “BMPs”) for water quality standards and State of Idaho BMPs would be followed for this project. The project site would be dewatered prior to construction. All in-stream work will take place at low water after July 15, 2013. Planting would be done to stabilize stream banks. There would be minimal excavation because the channel already exists. Water would be turned through the channel slowly to control the flow. Ground protection mats are required for all movement of equipment inside the high water or flood plain limits.

**Project Information:** If you would like more information regarding this proposed project, please contact Anne Connor at (208) 476-8235.

## ***Powell Ranger District***

### **Road 5621 Drainage Implementation**

**Legal Description:** T37N, R13E Boise Meridian (Please see page 13, attached hereto.)

**Proposed Category:** 36 CFR 220.6(d)(4) *Repair and maintenance of roads, trails and landline boundaries.*

**Narrative Summary:** The Powell District Ranger proposes to replace undersized and failing culverts in order to reduce the risk of failure and to enhance the prospect for runoff flows.

The culverts are on tributaries to Badger Creek and Wendover Creek, which drain directly into the Lochsa River. As part of this project, approximately 10.1 miles of road work would be done. This would include spot ditch cleaning, fill shoulder berm removal, catch basin cleaning, some cut slope and fill slope stabilization, spot aggregate placement, drainage dip installation, gate installation, cleaning culvert inlets and outlets, and spot roadway recondition to drastically out-sloped sections.

Providing appropriate sized culverts will also minimize risk failure by reducing the risk of plugging by woody material moving downstream. Minimizing failure risk reduces the risk of unwanted sediment input into streams, which can negatively affect aquatic habitats. Long term maintenance costs would be reduced because debris is likely to accumulate on the larger structures, and flows in ditch lines will not be interrupted.

The project would occur during the 2013 low water flow period, generally between July and the end of September. Excavators and dump trucks would be used to remove existing culverts and to install replacement pipes.

Equipment used for the road work would include a road grader, roller, excavator, dump trucks, and a rubber tire backhoe. Drivable dips would be constructed, using either a dozer or an excavator. Live stream culverts would be designed to accommodate a minimum of the 100-year stream flow event. The road would be designed for better vehicle mobility, increased water drainage, and increased slope stability.

Work at this site would require temporary delays of Forest Service Road 5621 for up to four hours, with possibility of multiday closures for deeper fill culverts. Past reconstruction work of similar size and scope resulted in road closures of approximately four hours to two days. Delays in public travel on these roads at these sites during construction can be expected.

After completion of the culvert replacements and other road work, the road would be spot surfaced, bladed, and compacted.

Activities would conform to and would comply with both ESA and SHPO recommendations.

Dependent upon funding available, work on this project would occur during the summers of 2013 or 2014.

All BMPs that protect or minimize effects to water quality would be implemented, including dewatering of the work site, upstream, downstream, and worksite erosion control measures.

All equipment would be cleaned of debris before moving into the site to reduce the spread of weed infestation.

**Project Information:** If you would like additional information regarding this proposed project, please contact Stephan Frazier at (208) 476-8293.

## ***Red River Ranger District***

### **Road 311 Culvert Replacement**

**Legal Description:** T27N R7E SW1/4 SEC13 Boise Meridian (Please see page 14, attached hereto.)

**Proposed Category:** 36 CRF 220.6(d)(4) *Repair and maintenance of roads, trails and landline boundaries.*

**Narrative Summary:** The Red River District Ranger proposes to replace an existing undersized (18-inch) Corrugated Metal Pipe (hereinafter referred to as "CMP") with a 36-inch CMP designed to meet current Forest Plan standards for passage of 100-year flow events. The crossing would not be designed for fish passage, since there are no fish present. Additionally, stream channel realignment and channel gradient controls, both upstream of the pipe, would occur. It is estimated that approximately 23 feet of upstream channel improvements would be

involved.

Approximately 50 feet of Road 311 will need to be excavated and rebuilt to construct the culvert and channel improvement. Road 311 would be widened in areas where erosion has removed the original shoulder or road surface.

Equipment to be used includes an excavator, grader, and compaction roller. The project does not change access restrictions but Road 311 would need to be closed for up to two weeks to allow for construction. Access between Dixie and Orogrande can be done by taking County Road 222.

The Nez Perce Tribe would be contacted for coordination. The project would be funded by the Tribe.

The project would start in the spring/summer of 2013 and should last a maximum of two weeks. Potential problems include shallow bedrock elevations in the proposed culvert location.

**Project Information:** If you have questions or would like more information regarding this proposed project, please contact Chris Wolffing at (208) 983-5153.

#### **Tributary to West Fork American AOP**

**Legal Description:** T30N R8E SW ¼ Sec 18 Boise Meridian (**Please see page 15, attached hereto.**)

**Proposed Category:** 36 CFR 220.6(d)(4) *Repair and maintenance of roads, trails and landline boundaries.*

**Narrative Summary:** The current 24-inch CMP culvert on Road 283 near mile marker 6.1 is undersized, and an aquatic organism barrier with some erosion occurring at the outlet of the culvert in the downstream channel. The need for the following proposed action is to provide the appropriate sized culvert for the 100-year storm and proper channel improvements to prevent erosion. The need is also to allow for aquatic organism passage, including fish, at the site.

The Red River District Ranger proposes to replace the existing undersized CMP with a 60-inch CMP that possesses a channel cross-section inside design to meet current Forest Plan standards or passage of 100-year flow events, and allow for aquatic organism passage. The crossing would be designed for fish passage, since there are fish present.

Approximately 210 linear feet of Road 283 would need to be built up with embankment material and covered with a layer of aggregate to improve roadside drainage and mitigate sediment runoff.

Equipment used would include an excavator, grader, dump trucks, and compaction roller. The project does not change access restrictions but Road 283 would need to be closed for up to two weeks to allow construction.

The Nez Perce Tribe would be contacted for coordination with the project, which would be funded by the Tribe.

The project would start in the spring/summer of 2013, and should last a maximum of two weeks. Potential problems include shallow bedrock elevations in the proposed culvert location.

**Project Information:** If you have questions or would like more information regarding this proposed project, please contact Chris Wolffig at (208) 983-5153.

## PART B PROJECTS

### *Introduction*

The Nez Perce-Clearwater National Forests will be considering the following project proposals and conducting environmental analyses in the near future.

### *How to Provide Comments*

Please review the following projects and submit your comments as described below so they can be included in our analyses for the following:

- *Hemlock Butte Communication Site*
- *Anne Veseth Memorial Trail*
- *Vassar Pond Ramp*
- *Johns Creek Trail Reroutes*
- *North Trail Reroute*

For these projects, written, facsimile, hand-delivered and oral comments will be accepted for 30 calendar days following publication of a legal notice in the *Lewiston Morning Tribune*. The publication date in the newspaper of record is the exclusive means for calculating the comment period for these projects. One should not rely upon dates or timeframe information provided by any other source.

If you have any questions or would like additional information regarding these projects, please feel free to contact Linda Helm, Small NEPA Coordinator, Nez Perce-Clearwater National Forests, Kamiah office, (208) 935-4285. Oral comments must be provided to her during normal business hours *via* telephone or in person. Written comments should either be mailed to her at Nez Perce-Clearwater Forest, 903 Third Street, Kamiah, Idaho 83536; or, hand-delivered between 8:00 a.m. to 4:30 p.m. (PST), Monday through Friday (excluding holidays) to her c/o Nez Perce-Clearwater Forest, 104 Airport Road, Grangeville, Idaho 83530, where they will be forwarded to her in Kamiah *via* electronic mail. Electronic comments should be submitted in rich text format (.rtf) or Word (.doc) to [comments-northern-nezperce@fs.fed.us](mailto:comments-northern-nezperce@fs.fed.us).

If you choose to comment on these projects, please include the following: (1) your name, address, and (if possible) your telephone number, and organization represented (if any); (2) title(s) of the project(s) on which you are submitting comments; (3) specific facts and related rationale concerning the project(s) that you feel should be considered. For appeal eligibility, each individual must either sign the comments or verify identity upon request. Additional information regarding how to comment can be found at 36 CFR 215.6.

**Comments received in response to this solicitation, including names and addresses of those who comment, will be considered part of the public record on the proposed project and will be available for public inspection.** Comments submitted anonymously will be accepted and considered; however, those who submit anonymous comments may not have standing to appeal the subsequent decision pursuant to 36 CFR Part 215. Additionally, pursuant to 7 CFR 1.27(d), any person may request the Agency to withhold a submission from the public record by showing how the Freedom of Information Act (FOIA) permits such confidentiality. Persons requesting such confidentiality should be aware that, under the FOIA, confidentiality may be granted in only very limited circumstances, such as to protect trade secrets. The Forest Service will inform the requester of the Agency's decision regarding the request for confidentiality and the available options at that time (see 7 CFR 1.27 for further information).

## *Proposed Projects*

### *Lochsa Ranger District*

#### **Hemlock Butte Communication Site**

**Legal Description:** T36N R7E Sec 7 Boise Meridian (Please see page 16, attached hereto.)

**Proposed Category:** 36 CFR 200.6(3)(vi) *Approval, modification, or continuation of minor special uses of NFS lands that require less than five contiguous acres of land.*

**Narrative Summary:** First Step Internet, LLC (hereinafter referred to as "First Step") currently has a special use permit to mount its Internet service equipment on the Hemlock Butte Lookout Tower, and is in compliance with that permit. Equipment consists of two antennas, solar panels, and a battery box. This provides Internet service to the Timberline High School which now is in need of increased and improved Internet access and capacity.

The Lochsa District Ranger proposes to modify the existing special use permit to allow First Step to house its communication equipment in or on an 8.5 foot by 20 foot prefabricated metal storage unit that would be internally modified to house all of the batteries and necessary components. The building would rest on four, 5 foot by 2 foot by 2 foot ecology blocks. The building and towers are sized so that antennas, batteries, and solar panels can be safely contained within the building footprint. No concrete would be poured into the ground and no holes would be dug to install the building. Minor ground clearing may occur for building placement, however.

Rohn tower sections, each 40 feet long, would be bolted to the four corners of the building.

Eight solar panels, 3 feet by 5 feet each, would be mounted on two of the corner tower sections. The remaining tower sections would be used to mount the two antennas measuring four feet by 3 feet in diameter. Given the remoteness of this site as well as the need for a highly reliable system, small wind turbine with an approximately 36-inch diameter blade would be placed on a tower section to provide additional run time without having to add additional solar panels.

The prefabricated metal storage unit would be delivered to the site on trailer, and a support boom truck would be used to place the blocks and building. The building would be installed in a

portion of the Butte where there is a clean line of sight path to Teakean Butte and Timberline High School. Approximately one day would be needed to place the building, and several days would be needed to assemble and configure the solar panels system, radios, and other equipment.

Access to the Hemlock Butte Lookout is *via* Forest Service Road 535A, which is closed annually from October 1<sup>st</sup> to June 15<sup>th</sup>. Implementation of the proposed project is expected sometime before October 1, 2013.

**Project Information:** If you would like more information regarding this proposed project, please contact Craig Trulock, District Ranger, at (208) 926-6400.

### ***North Fork Ranger District***

#### **Anne Veseth Memorial Trail**

**Legal Description:** T40N R6E Sec 1 (FS) Boise Meridian (**Please see page 17, attached hereto.**)

T40N R6E Sec 12 and 13 (Potlatch and Idaho Department of State Lands)

**Proposed Category:** 36 CFR 220.6(e)(1) *Construction and reconstruction of trails.*

**Narrative Summary:** During the 2012 fire season, Anne Veseth, a firefighter on the North Fork Ranger District, died while working on the Steep Corner Fire. The North Fork District Ranger proposes to have a trail constructed up to the site of the fatality as a way for friends, family, and co-workers to access the site and to remember Anne.

Because there is no direct access to the proposed memorial site, visitors must utilize a gated road which passes through Potlatch and Idaho Department of State lands in order to get within 0.5 miles of the site. The native surface road ends on Potlatch ownership at the boundary with the National Forest. From the end of that road, a trail would need to be constructed to gain access to the proposed memorial site, which is approximately 600 feet above the road and on the north side of Steep Creek.

The proposed trail will entail approximately two miles of new trail construction on National Forest Land. Pending available funding and easement approval, the project would begin in the spring or summer of 2013, and would take no more than two years to complete. Fire staff would oversee submittal of the right-of-way request to obtain access on existing roads through Potlatch and Idaho Department of State lands, between Forest Road 247 and the proposed trailhead.

Trail design and layout would be completed by the District Trail Specialist with consultation from Forest Engineers. All work would be accomplished by District employees utilizing hand tools.

To accommodate foot traffic and a reasonable trail grade, the trail would be built to Trail Class 3 design parameters for hiker and pedestrian use. The beginning of the trail would be marked with a wooden trail identification sign. No other facilities are requested at this location.

The proposed trail would be constructed on a 30 percent to 60 percent side-slope, and may cross up to three stream segments at a 7 percent to 12 percent trail grade, in order to gain the 600

vertical feet between the end of the road and the memorial site. Stream crossings may be forded using native rock as stepping stones or with short log footbridges. A pair of switchbacks would connect the end of the road to the memorial site through a harvest unit that was cut in 1994. Tread would vary between 18 inches and 24 inches, with wider sections along steep side-slopes or rock cliff areas. Informative/educational signs may be placed at the termini of the trail, along with up to two, simply constructed native log benches at scenic overlook locations.

**Project Information:** If you would like more information regarding this proposed project, please contact Kearstin Edwards at (208) 476-8344 or Mike Lubke at (208) 476-8251.

## ***Palouse Ranger District***

### **Vassar Pond Ramp**

**Legal Description:** T40N R2W Sec 1 Boise Meridian **(Please see page 18, attached hereto.)**

**Proposed Category:** 36 CFR 220.6 (9) *Implementation or modification of minor management practices to improve allotment condition or animal distribution when an allotment management plan is not yet in place.*

**Narrative Summary:** Steep banks of a livestock pond (hereinafter referred to as “pond”) are being broken down by cattle accessing the water. The steep sides of the pond force the cattle into an awkward and vulnerable position to drink. **(Please see page 19, attached hereto.)** As a result of this issue, cattle prefer to drink from a gentle-sided pool (hereinafter referred to as “pool”) in the West Fork Corral Creek, about 100 feet away from the pond.

Cattle use of the pool degrades water quality and fish habitat in Corral Creek due to trampling damage, removal of riparian vegetation, and increased delivery of sediment and nutrients into Corral Creek. Corral Creek supports spawning, migrating, and rearing habitat for ESA-listed (threatened) steelhead and steelhead fry have been found 0.5 miles way on another tributary. Many restoration activities have occurred since the removal of a fish barrier in 2008, and improving this pond would further help steelhead habitat.

The Palouse District Ranger proposes to modify the pond to provide an alternative water source by making the pond more accessible to cattle. This would be accomplished by cutting into the bank and building a gentle access ramp. **(Please see page 20, attached hereto.)** An excavator would be used to excavate a 15-foot wide area along the spillway of the existing pond. Most of the excavated material would be used as fill to create a longer, gentler access approach.

The goal is a slope of 6 percent or less, depending on what can be achieved, given the terrain and vegetation at the site. Coarse gravel would be added to cover the ramp and reduce mudding, thereby improving longevity of the ramp. Modification work is estimated to take less than a week. Disturbed ground would be seeded with a mixture of native forbs and grasses, and covered with a weed-free straw-based mulch to reduce and improve establishment of vegetation.

**Contact Information:** If you would like more information regarding this proposed project, please contact Meg Foltz at (208) 875-1717.

## ***Salmon River Ranger District***

### **Johns Creek Trail Reroutes**

**Legal Description:** T28N R5E Sec 5, 8, 9, 10, 17, 29; and, T27N R5E Sec 6 Boise Meridian  
(Please see pages 21, 22, and 23, respectively, attached hereto.)

**Proposed Category:** 36 CFR 220.6(e)(1)(i) *Constructing or reconstructing a trail to a scenic overlook...*

**Narrative Summary:** The Salmon River District Ranger proposes rerouting six identified sites on the trail system in the Johns Creek Drainage. This work would reduce grades on several steep, rutted portions of trail, improve stream crossings, and rebuild sections of trail that have deteriorated beyond repair.

In total, approximately 12,000 feet of trail would be constructed at a class 3 standard. Rerouted portions would have grades not exceeding 15 percent, a 24-inch full bench tread, minimum turn radius at 6 feet, clearing limits of 8 feet wide and 10 feet high. Drainage incorporated into the design would utilize grade reversals and water-bars. The new construction would replace approximately 40,000 feet of old trail which would be abandoned, and would have check dams and water-bars installed before being scarified and covered in forest debris. Abandoned sections of trail would be seeded according to the recommendations of the unit botanist. One stream crossing would have a 12-foot bridge or 24-inch culvert pipe with native rock headwalls installed.

**Site 1** would have a 700-foot reroute constructed on higher ground located to the east of the present boggy section of trail. **(Please see page 24, attached hereto.)**

**Site 2** would cross the small wetland and stream immediately up stream of the current crossing. A 10-foot nail-laminated bridge or culvert with rock headwalls would be constructed to reduce the negative impacts of heavy stock use. **(Please see page 25, attached hereto.)**

**Site 3** would have an approximately 6,000-foot reroute built to the east of the present trail location. **(Please see page 26, attached hereto.)**

**Site 4** would have a 20-foot reroute built to the north, outside the floodplain, in order to cross the stream at a 90 degree angle and minimize user impact. **(Please see page 27, attached hereto.)**

**Site 5** would have a 4,000-foot reroute built to the east of the present trail location. **(Please see page 28, attached hereto.)**

**Site 6** would reconstruct portions of abandoned trail and construct new portions of tread to connect the existing pieces of trail. **(Please see page 29, attached hereto.)**

All work would be accomplished by force account, and volunteer crews using chainsaws, hand tools, and rigging equipment. It is expected that this project would take three to four months to complete and would begin in June 2014 or 2015, depending on funding.

**Contact Information:** If you would like additional information regarding this proposed project, please call Josh Lattin at (208) 839-2108.

**North Trail Reroute**

**Legal Description:** T23N R1W Sec 1 & 2 Boise Meridian (Please see page 30, attached hereto.)

**Proposed Category:** 36 CFR 220.6(e)(1)(i) *Constructing or reconstructing a trail to a scenic overlook...*

**Narrative Summary:** North Trail 134 currently has a lower terminus at Silver's Station on Shingle Creek Road. There is inadequate space for public parking in this area and disuse with the right-of-way of Shingle Creek Road where it passes through private property.

A new trailhead was recently constructed near the Rapid River Fish Hatchery. It provides parking and restrooms for recreationists using other trails in the Rapid River Drainage. This new trailhead could also be used to provide access to the North Trail.

The Salmon River District Ranger proposes constructing a reroute for the lower portion on North Trail 134. This reroute would tie the trail into the West Fork Rapid River Trail 113, near the new Rapid River Trailhead. It would greatly improve public access to this trail and others in the area. No access restrictions would be changed with the rerouting of this trail. It would remain a non-motorized route.

The reroute would be constructed entirely on Forest Service owned land in order to eliminate future access concerns.

The reroute would be approximately one mile in length, at a varying grade of 5 percent to 15 percent. Trail design would incorporate grade reversals for drainage. The clearing limits would be established at 8 feet wide and 10 feet high, as measured from the center of the finished tread. It would be a full bench cut, a finished tread of 24 inches, and with turn radiuses greater than 6 feet.

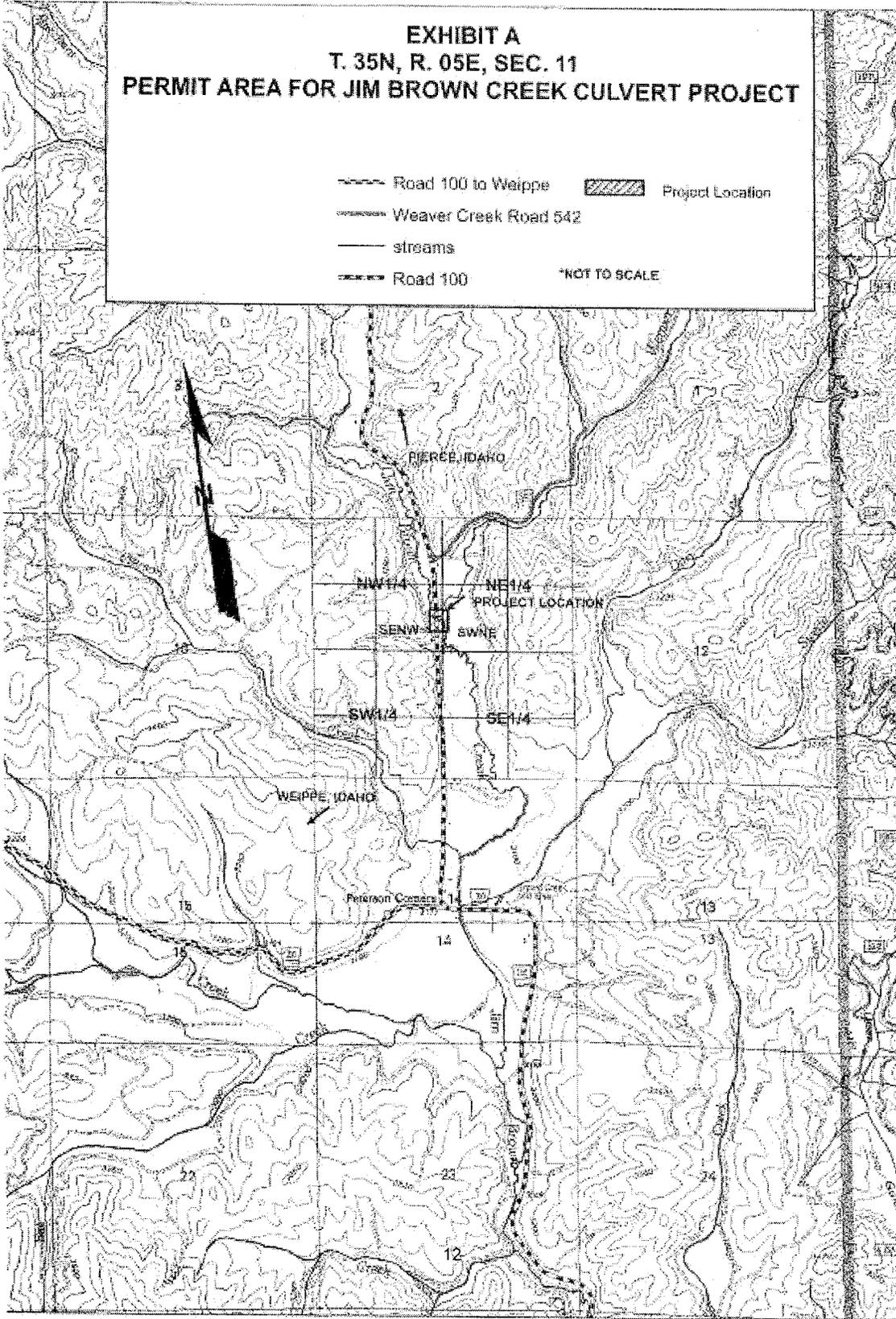
The upper portion of the abandoned section of trail is heavily used by cattle and would be left intact for them to utilize. The lower section is already heavily grassed in and largely naturalized. Portions of this trail that are still bare ground or that are on a steep slope would be re-contoured and have drainage added prior to being seeded with a native grass mix recommended by the unit botanist.

It is estimated this project would be completed in 2014, and accomplished by Forest Service personnel (utilizing either hand tools or a combination of hand tools and a small trail excavator).

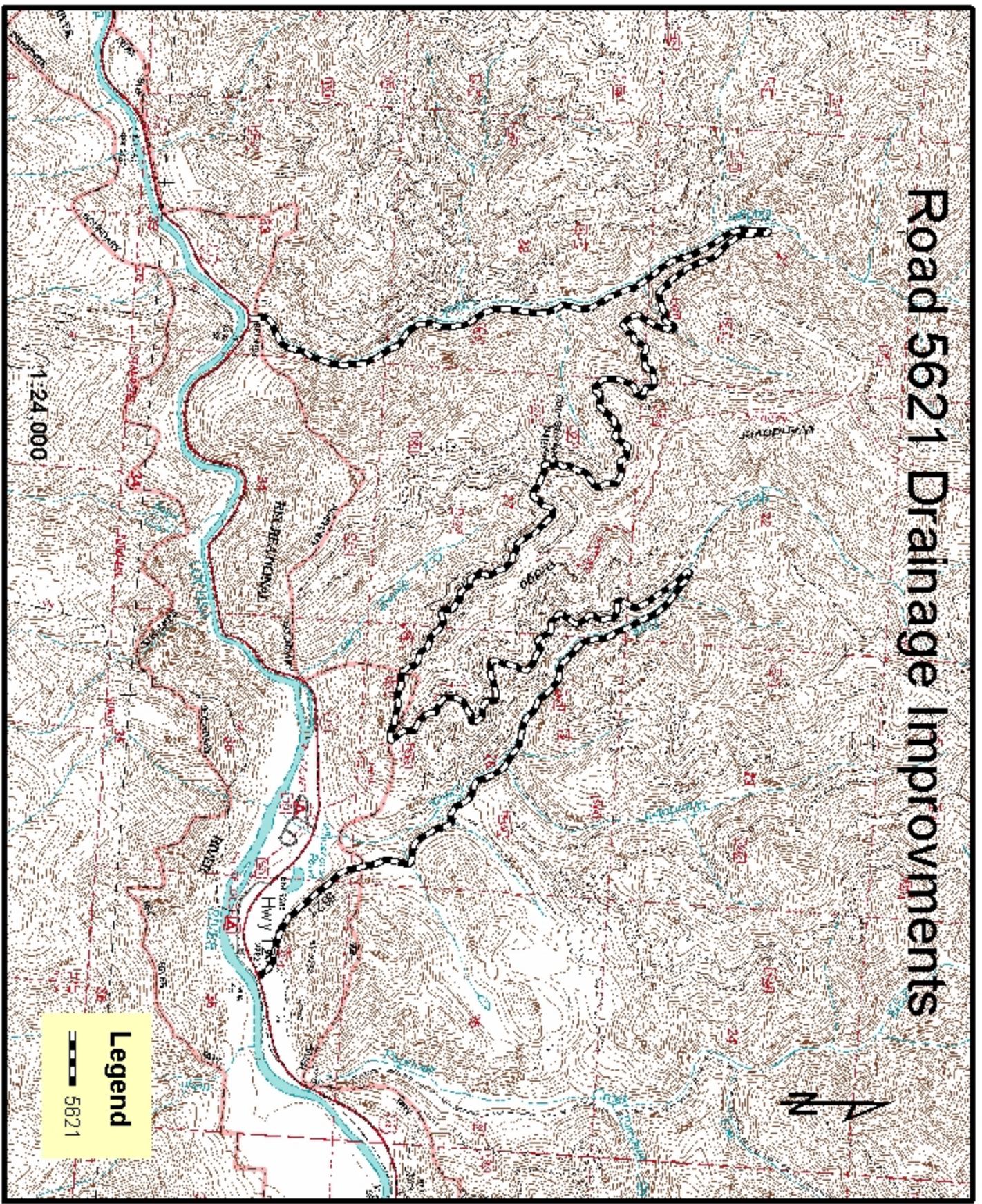
**Contact Information:** If you would like additional information regarding this proposed project, please contact: Josh Lattin at (208) 839-2108.

**EXHIBIT A**  
**T. 35N, R. 05E, SEC. 11**  
**PERMIT AREA FOR JIM BROWN CREEK CULVERT PROJECT**

- Road 100 to Weippe       Project Location
- Weaver Creek Road 542
- streams
- Road 100      \*NOT TO SCALE



# Road 5621 Drainage Improvements

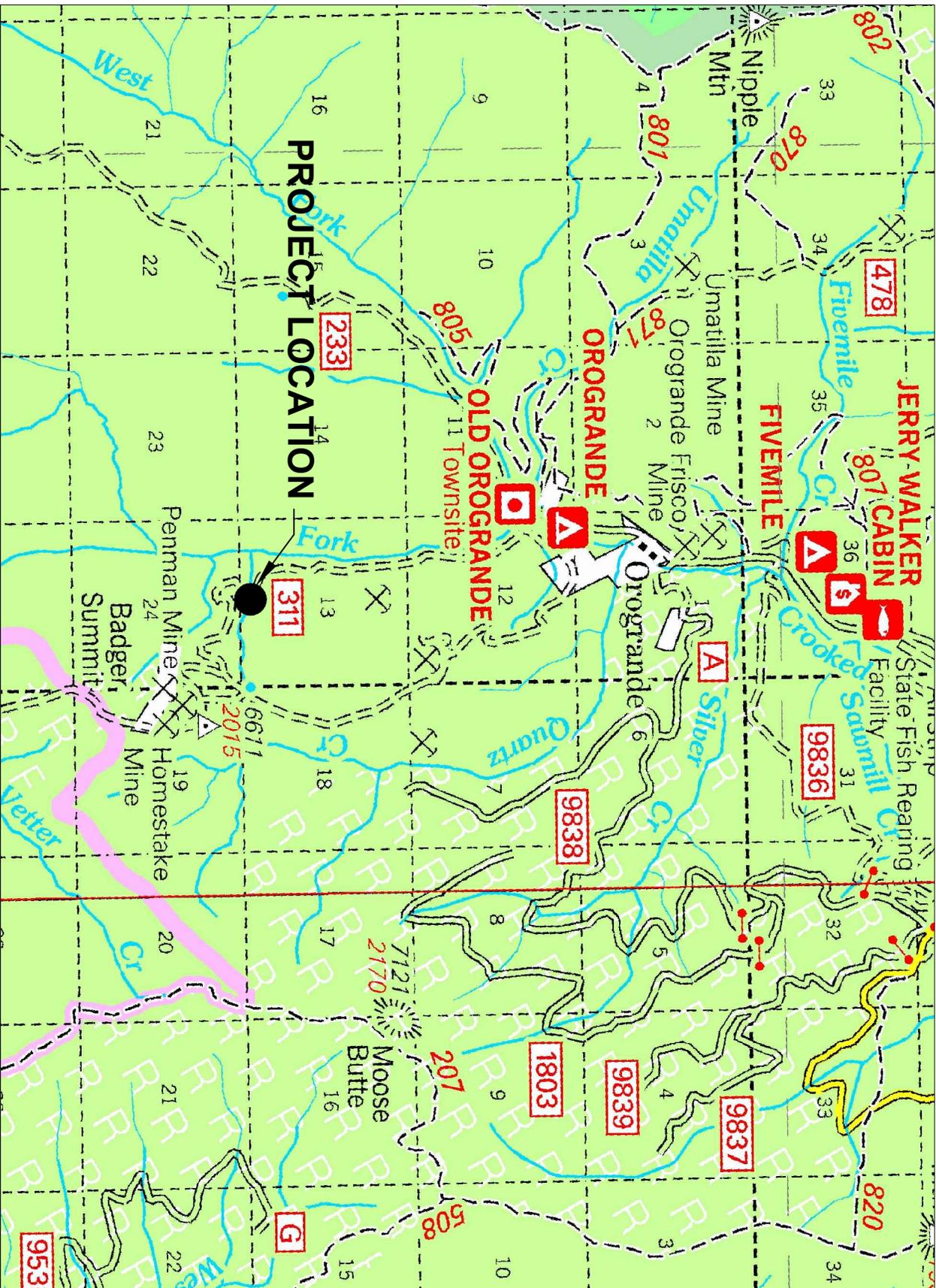


**Legend**

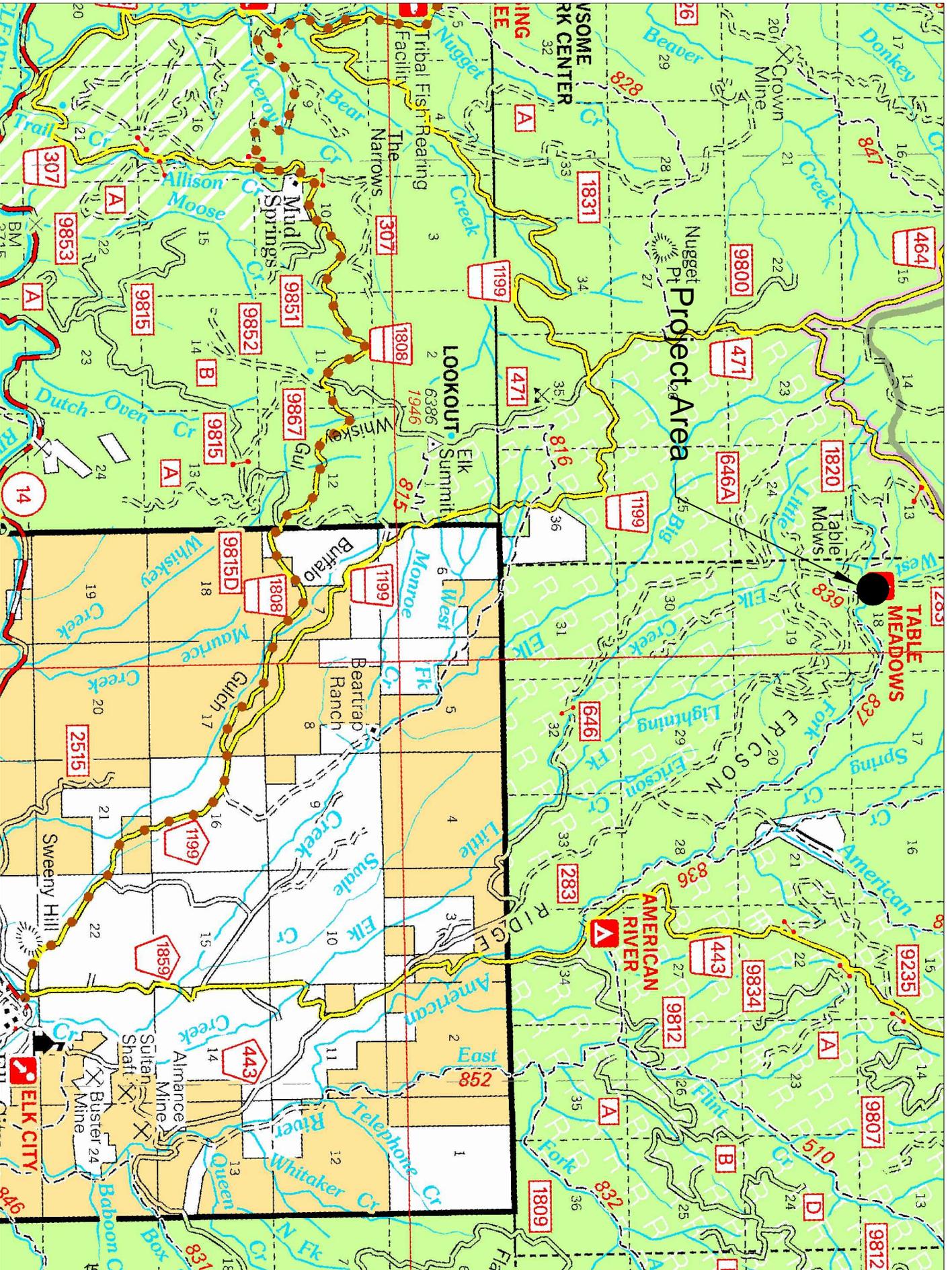
5621

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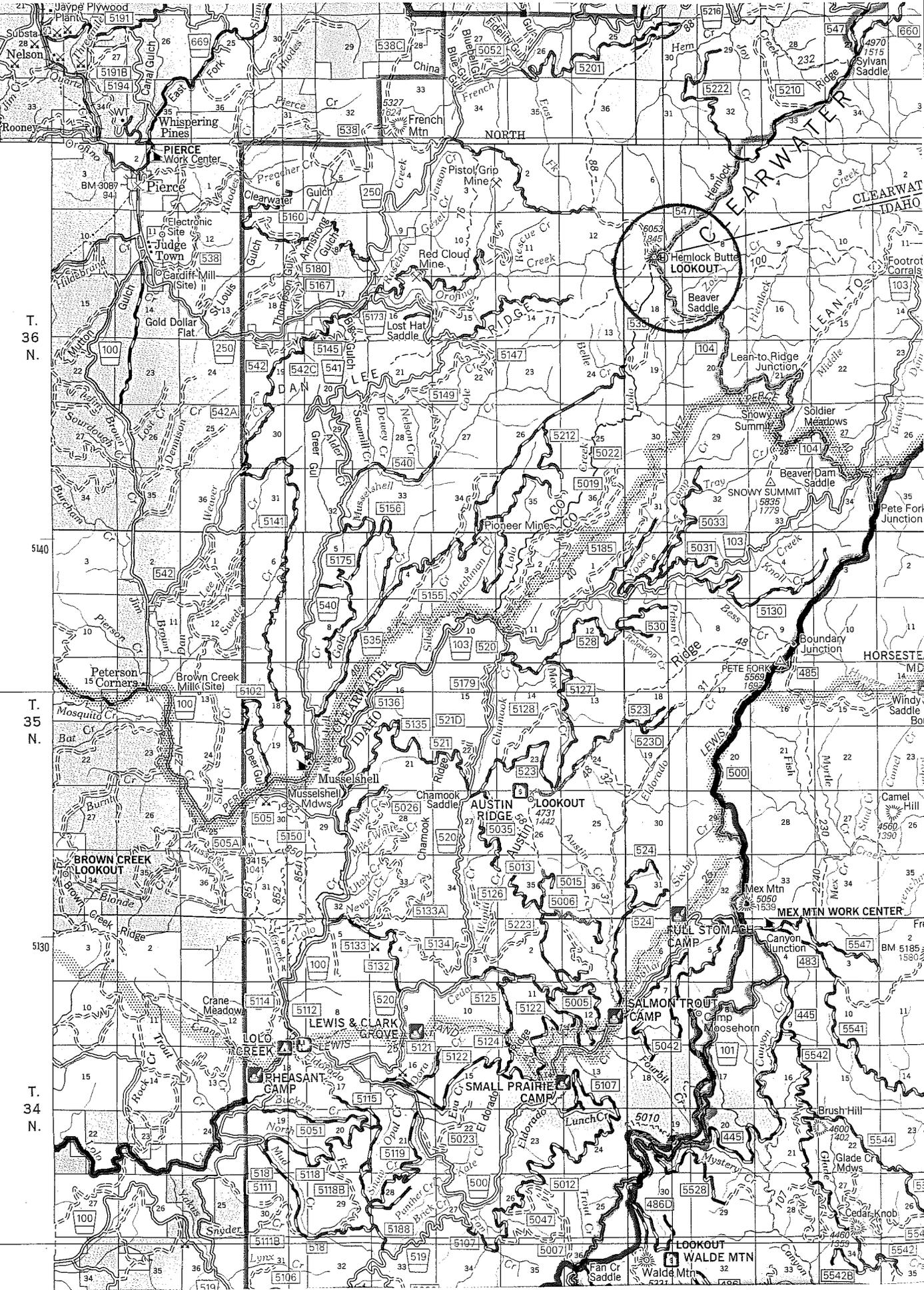
# ROAD 311 CULVERT REPLACEMENT



Tributary to West Fork American River AOP, NFSR #283 M.P. 6.1



46° 30' 00" 5150

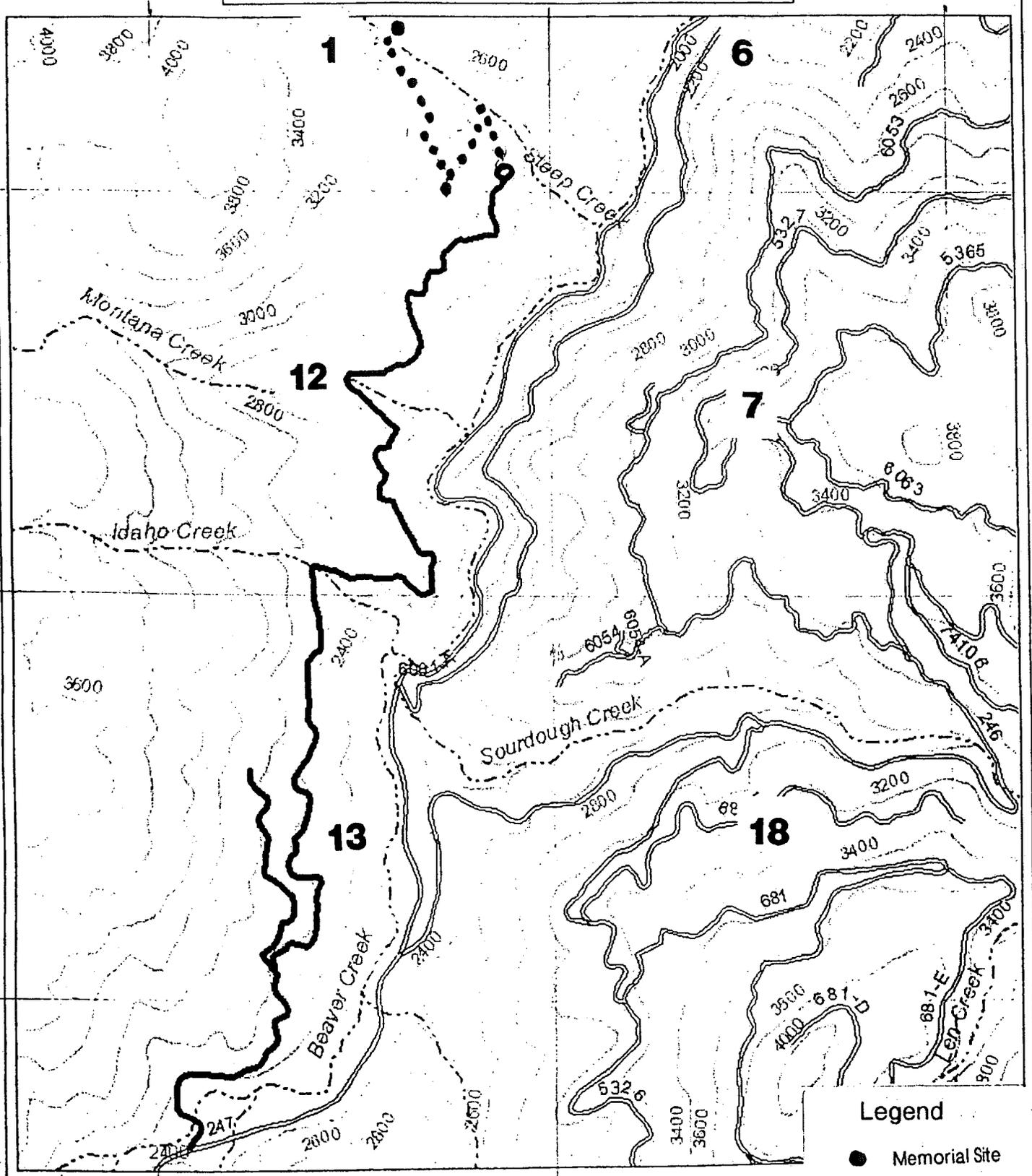


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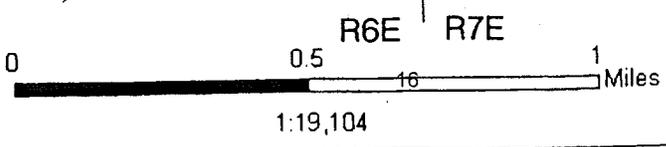
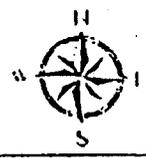
8

115° 52' 30" 46° 15' 00"

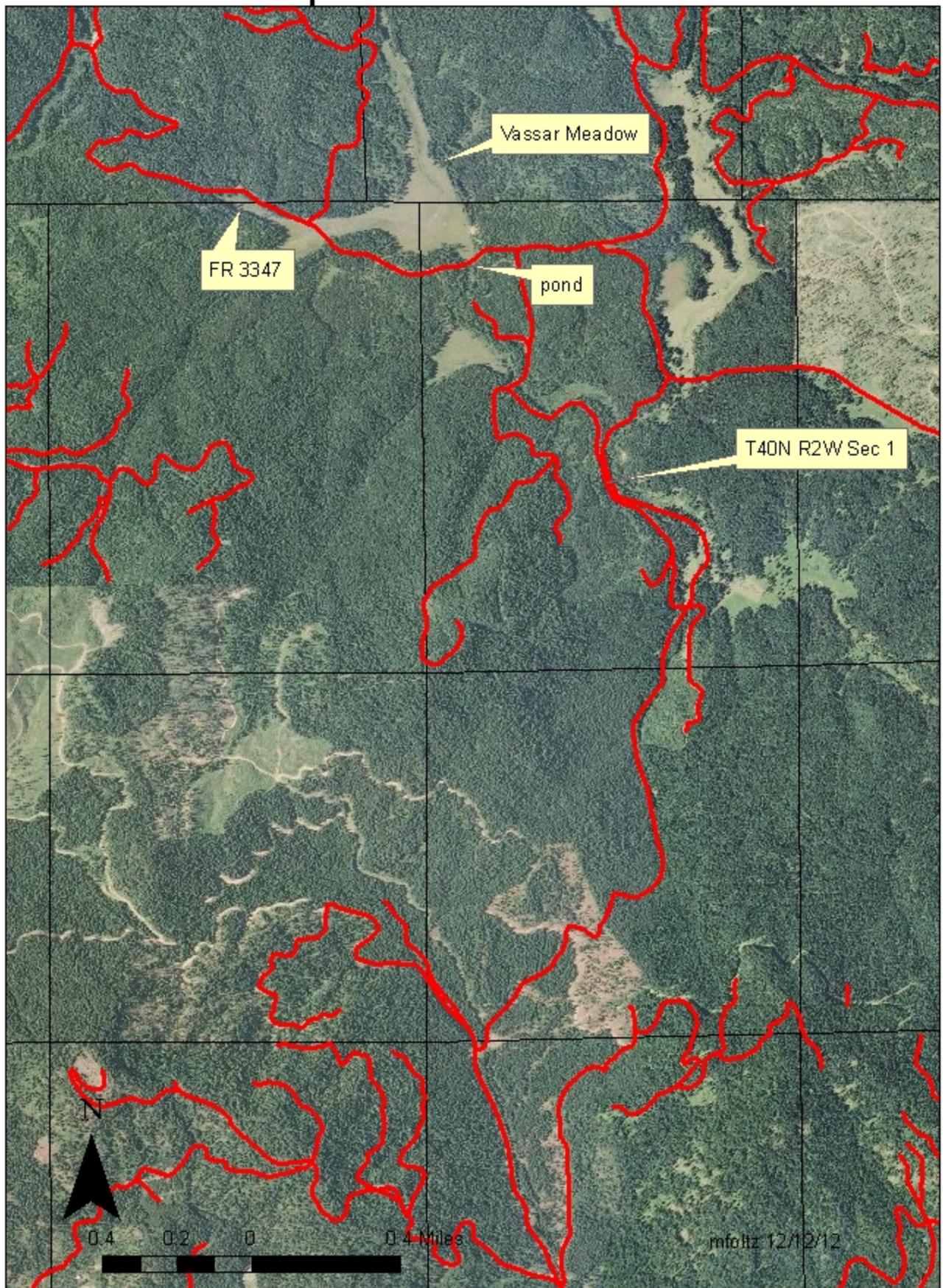
# Anne Veseth Memorial Trail



- Legend**
- Memorial Site
  - Trailhead
  - Anne's Trail
  - Potlatch Road



# Pond Ramp West Fork Corral Creek



## Vassar Pond Ramp



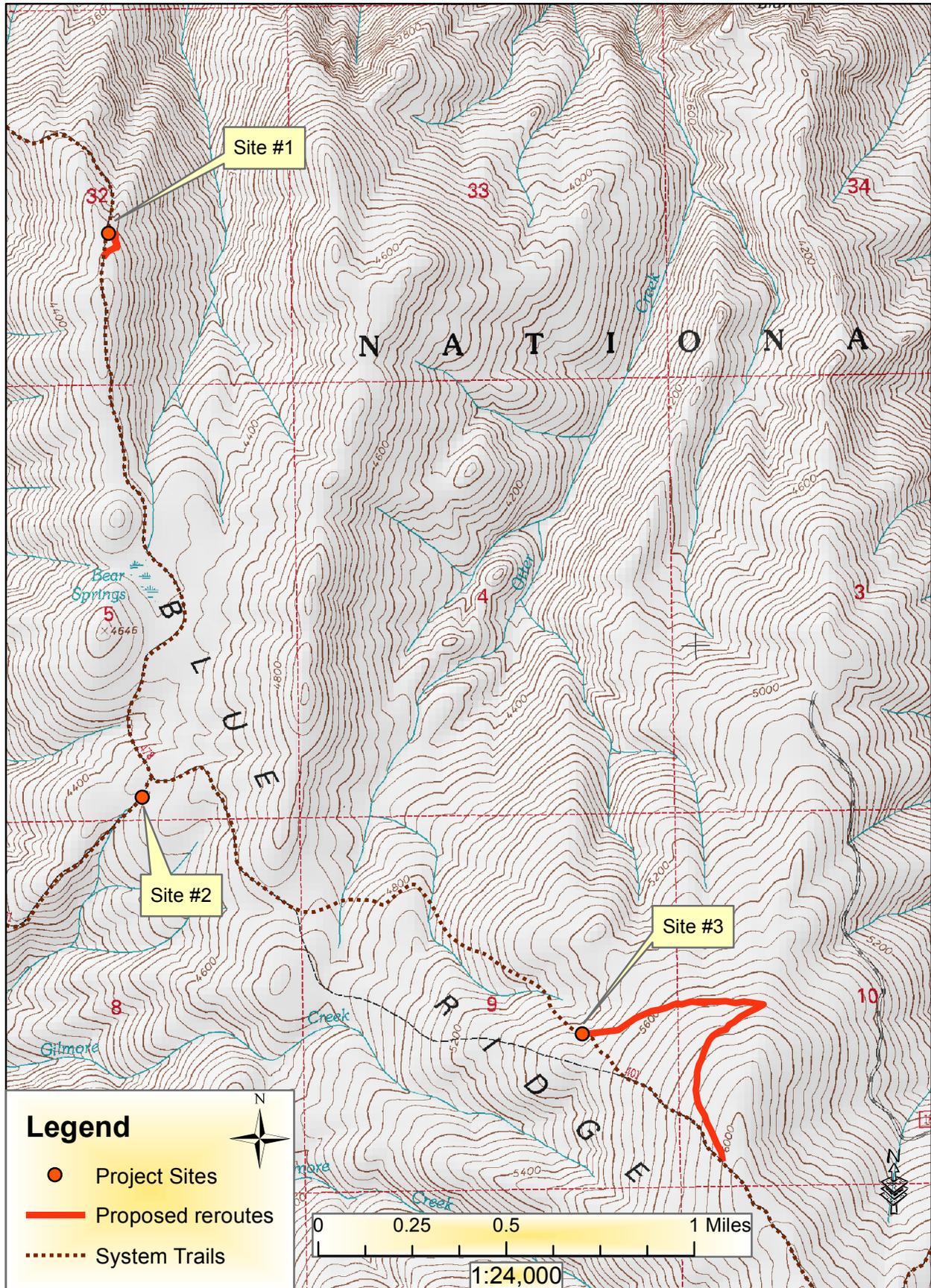
**Photograph 1 – Steep, broken banks of the existing livestock pond.**

## Vassar Pond Ramp

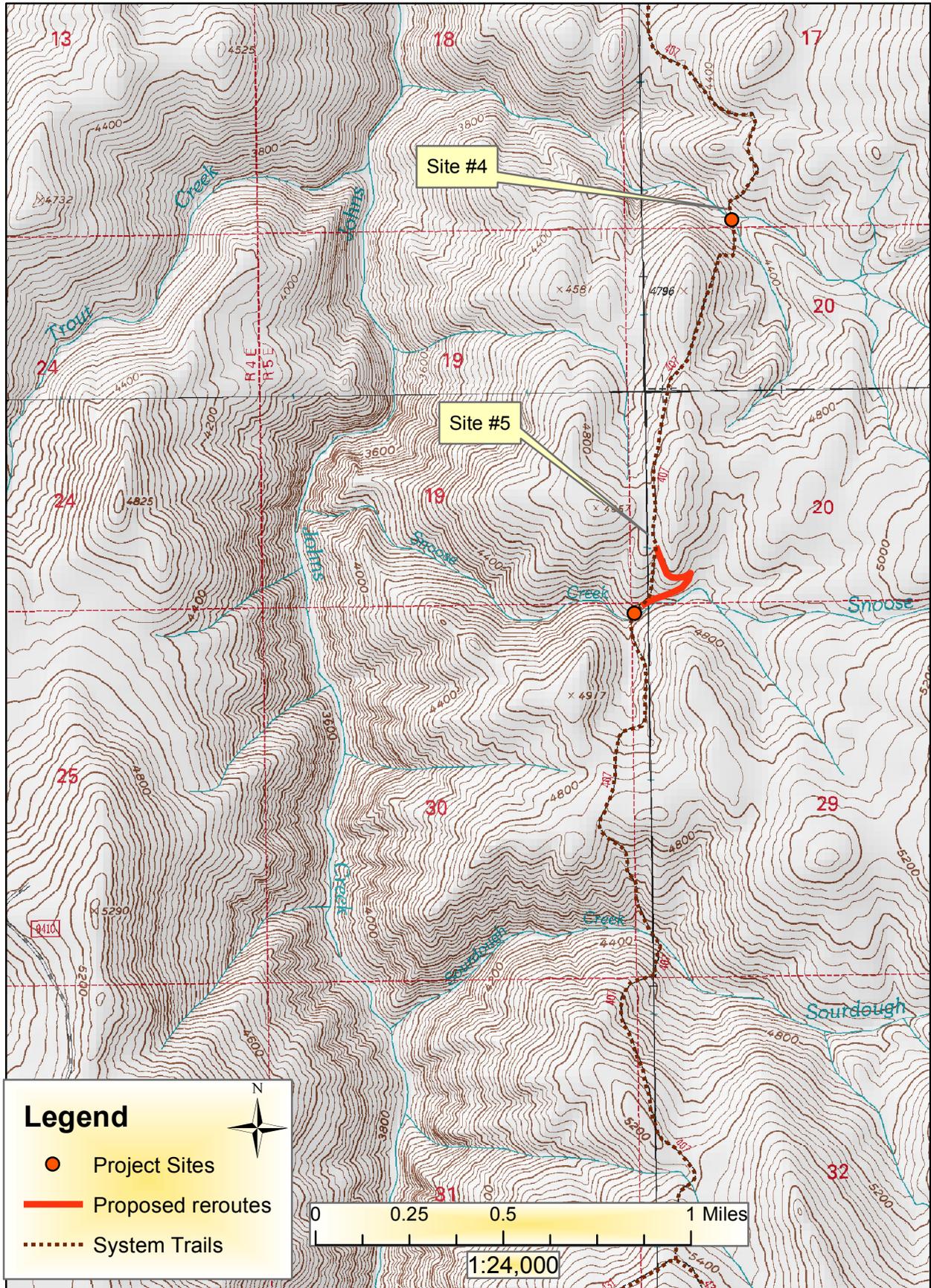


**Photograph 2 – Example of ramped livestock pond. Ramping is recommended to improve the steep-sided livestock pond.**

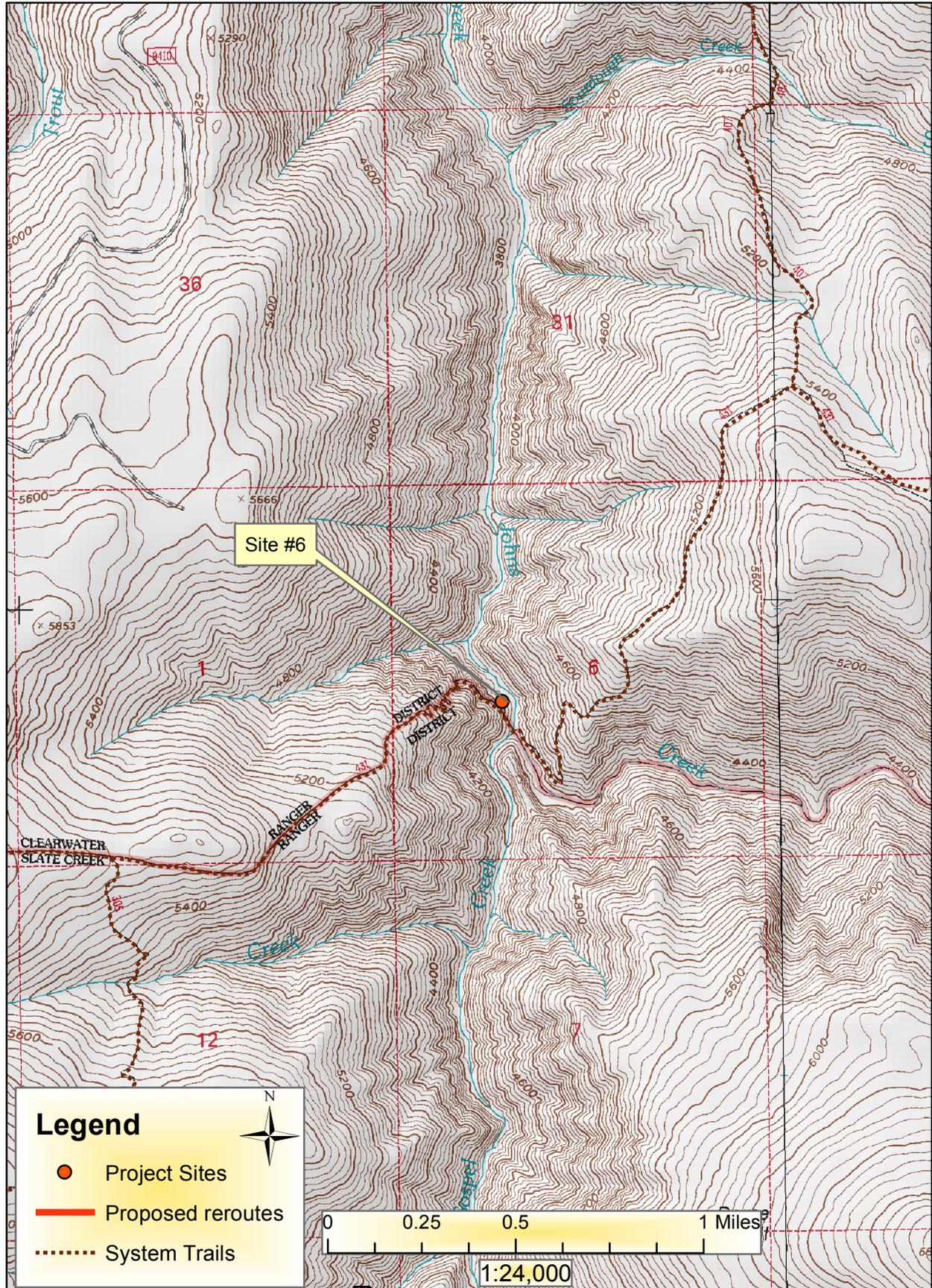
# Johns Cr. Reroutes - Sites 1-3



# Johns Cr. Reroutes - Sites 4&5



# Johns Cr. Reroutes - Site 6



Site #1



Reroute trail to East on dry ground. Reroute length approximately 1,000 ft.

Site #2



Reroute trail to East onto existing template. Harden crossing with small nail laminated bridge or culvert with rock headwalls. Reroute length 150 ft. Crossing length 12 ft.

Site #3



Trail is severely rutted for approximately .5 miles. Reroute Trail to east at 10 – 15% grade with drainage. Approximate length would be 1 mile.

Site 4:



Trail travels directly up stream for approximately 30 ft. Reroute trail to cross at a 90 degree angle at current downstream location.

Site 5:



Trail drops into Snoose Cr. at a 30% grade for approximately 0.2 miles on South side of creek. Reroute trail to open slopes on the east. Construct trail at 10 -15% grade with drainage.

Site #6



Trail #431 is non existent for approximately .5 mile on West side of Johns Cr. Reroute trail at 10-15% grade with drainage.

# North Trail #134 Reroute

