

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Northwest Oregon District Office  
1717 Fabry Road, S.E.  
Salem, Oregon 97306

Little Saddle DTR  
ORN01-TS-2022.0101  
Date: September 23, 2022

TIMBER SALE PROSPECTUS

THIS IS A PROSPECTUS ONLY. ATTACHMENTS MAY NOT INCLUDE ALL EXHIBITS REFERRED TO IN THE CONTRACT. THE COMPLETE CONTRACT, INCLUDING ALL EXHIBITS, IS AVAILABLE FOR INSPECTION AT THE NORTHWEST OREGON DISTRICT OFFICE.

NOTICE IS HEREBY GIVEN that the Bureau of Land Management will offer for sale timber as described herein for oral auction, pursuant to Instructions to Bidders, as stated on Form No. 5440-9, attached. Written and oral bids will be received by the District Manager, or his representative, in the timber sale room at the District Office, 1717 Fabry Road, S.E., Salem, Oregon. Written bids and deposits will be accepted beginning at 8:30 a.m. and the timber sale oral auction will commence at 9:00 a.m., on Wednesday, October 26, 2022. Before bids are submitted, full information concerning the timber, the conditions of sale and submission of bids, including appraised prices per species, should be obtained from the above District Manager, or designated representative. The right is hereby reserved to waive technical defects in this advertisement and to reject any or all bids. The United States reserves the right to waive any informality in bids received whenever such waiver is in the interest of the United States.

THIS PROSPECTUS does not constitute the decision document for purposes of appeal of a forest management decision. Consistent with 43 CFR Subpart 5003.2(b), the date the BLM posts the forest management decision on the BLM's ePlanning website establishes the effective date of the decision for purposes of an administrative appeal. The decision was posted to the BLM's ePlanning website on September 1, 2022, referring to the BLM 2023 Cascades Field Office Roadside Hazard Tree Removal Project, DOI-BLM-ORWA-N010-2022-0011-DNA. For the purposes of 43 CFR 5401.0-6 and 5430.0-6, this advertisement is being published on September 28, 2022 and October 5, 2022.

AN ENVIRONMENTAL ASSESSMENT was prepared for this timber sale tract, and a Finding of No Significant Impact has been documented. These documents are available for inspection as background for each timber sale tract at the Northwest Oregon District Office.

A WRITTEN BID on Form 5440-9 at not less than the advertised appraised price on a unit basis per species and the required minimum bid deposit shall be required to participate in oral bidding.

THE SUCCESSFUL BIDDER, as a condition of award, will be required to sign Form 5430-11, a certification that the bid was arrived at by the bidder or offeror independently, and was tendered without collusion with any other bidder or offeror. Also, Form 5450-17, Export Determination must be completed by the successful bidder. To expedite procedure, this form should be completed and submitted with the written bid.

THE VOLUMES LISTED herein are estimates only. The sale volumes listed are based on 16-foot taper breaks which must be taken into consideration if comparisons are made with volume predictions based on other standards. The volumes based on 32-foot taper breaks are shown for comparison purposes. No sale shall be made for less than the advertised appraised price. The Purchaser shall be liable for the total purchase price, without regard to the amount bid per unit, even though the quantity of timber actually cut or removed or designated for taking is more or less than the estimated volume or quantity so listed.

THIS TIMBER SALE has been cruised based upon Eastside Scribner board foot measure. The minimum bid figures shown by species are dollars per thousand board feet (MBF). The minimum bid increment will be \$0.10 per MBF.

A PERFORMANCE BOND in an amount not less than 20 percent of the total purchase price will be required for all contracts of \$2,500 or more. A minimum performance bond of not less than \$500 will be required for all installment contracts less than \$2,500.

QUALIFIED SMALL BUSINESS concerns may apply to SBA for a loan to provide financing for access road construction required under the terms of qualifying timber sale contracts, and necessary contract changes will be made. Approval of loan applications rests with SBA and may be contingent on availability of funds. Applicants for such loans shall notify BLM of their intention to apply for a loan.

PRE-AWARD QUALIFICATIONS. The high bidder may be required to furnish information to determine the ability to perform the obligations of the contract. If the high bidder is determined not qualified, responsible or refuses to respond within fifteen (15) days of a request for information pertaining to qualifications, the contract may be offered and awarded for the amount of the high bid to the highest of the bidders who is qualified, responsible, and willing to accept the contract.

LOG EXPORT AND SUBSTITUTION: All timber sales, including timber from Federal rights-of-ways, shall be subject to the restrictions relating to the export and substitution of unprocessed timber from the United States in accordance with P.L. 94-165 and 43 CFR 5400 and 5420, as amended.

LOG EXPORT AND SUBSTITUTION RESTRICTIONS: Excepting Port-Orford-cedar, all timber offered for sale hereunder is restricted from export from the United States in the form of unprocessed timber and is prohibited from being used as a substitute for exported private timber. The BLM has revised the log export restrictions special provision to reduce the log branding and painting requirements. The new requirements include branding of one end of all logs with a scaling diameter of over 10 inches. All loads of 11 logs or more, regardless of the diameter of the logs, will have a minimum of 10 logs branded on one end. All logs will be branded on loads of 10 logs or less. One end of all branded logs will be marked with yellow paint. At the discretion of the Contracting Officer, the Purchaser may be required to brand and paint all logs. The Purchaser shall bear any increased costs for log branding and painting.

CONTRACT MODIFICATION, SUSPENSION OR TERMINATION: A revised Special Provision has been added to the contract which enables the Contracting Officer to suspend the contract to facilitate protection of certain plant or animal species, and/or to modify or terminate the contract when necessary to: (1) Comply with the Endangered Species Act or to prevent incidental take of northern spotted owls in accordance with management direction in the Record of Decision (ROD) and Resource Management Plan (RMP), or; (2) Comply with a court order, or; (3) Protect species which were identified for protection through survey and manage and/or protection buffer standards and guidelines or management direction established in the ROD and RMP.

ADDITIONAL INFORMATION concerning this timber sale tract is available at the above District Office. A copy of the timber sale contract is also available for inspection at the District Office. The prospectus for this/these sale(s) is also available online at: <https://www.blm.gov/programs/natural-resources/forests-and-woodlands/timber-sales>. The prospectus includes maps and tables that cannot be made Section 508 compliant. For help with its data or information, please contact the Northwest Oregon District Office at 503-375-5646.

TIMBER SALE NOTICE  
SCALE SALE

NORTHWEST OREGON DISTRICT  
CASCADES FIELD OFFICE

SALE DATE: October 26, 2022

CONTRACT NO. ORN01-TS-2023.0101, LITTLE SADDLE DTR

MARION AND LINN COUNTY, OREGON: O&C: ORAL AUCTION: BID DEPOSIT REQUIRED: \$52,400.00.

All timber designated for cutting on: Lot 1, Lot 2, NE ¼, S ½ SW ¼ Section 1, T. 9 S., R. 2 E.; Lot 4, S ½ SW ¼, N ½ SE ¼, SW ¼ SE ¼ Section 7; S ½ NE ¼ Section 25, T. 9 S., R. 3 E.; Lot 3, Lot 4, SW ¼, W ½ SE ¼, SE ¼ SE ¼ Section 19; Lot 1, Lot 2, Lot 3, Lot 4, N ½ NW ¼, SW ¼ NW ¼ Section 29, T. 9 S., R. 4 E.; S ½ NW ¼, SW ¼, N ½ SE ¼, SW ¼ SE ¼ Section 1, T. 10 S., R. 3 E.; S ½ NW ¼ Section 17, T. 10 S., R. 4 E.; W.M.

**THIS TIMBER SALE HAS BEEN CRUISED BASED UPON EASTSIDE SCRIBNER MEASURE.**

Minimum bid figures shown by species are dollars per thousand board feet (MBF). The minimum bid increment will be \$0.10 per MBF.

Approx. No. Merchantable Trees	Est. Vol. MBF 32' Log	Species	Est. Vol. MBF 16' Log	Appraised Price Per MBF*	Estimated Volume Times Appraised Price
19,606	4,345	Douglas-fir	5,432	\$93.80	\$509,521.60
3,285	366	western hemlock	458	\$26.90	\$12,320.20
215	8	Western red cedar	10	\$186.50	\$1,865.00
0	0	biomass	1 green ton	\$5.00	\$5.00
23,106	4,719	TOTALS	5,900 MBF		\$523,711.80

\*Surplus species stumpage has been reduced to compensate for species stumpage below minimum price policy (10% of pond value).

**LOG EXPORT AND SUBSTITUTION RESTRICTIONS:** All timber offered for sale hereunder is restricted from export from the United States in the form of unprocessed timber and also prohibited from substitution of exported private timber.

**CRUISE INFORMATION:** The timber volumes were based on variable plot cruise in the Danger Tree Removal Area, for estimated board foot volumes of trees in 16-foot logs. Approximately 100% of the total sale volume is salvage material. With respect to merchantable trees of all species; the average tree is 16.4 inches DBHOB; the average log contains 80 bd. ft.; the total gross volume is approximately 7,518 MBF; and 78% recovery is expected. This cruise information is given for informational purposes only and the contract price and volume will be determined by a scale using eastside scribner.

**CUTTING AREA:** Ten (10) Danger Tree Removal Units of approximately 296 acres shall be cut. One (1) Special Mark Area of approximately 1 acre shall be cut. Acres shown on Exhibit A have been computed using ArcGIS to calculate area along the roads at a horizontal distance of 200 feet both sides of the road.

**DURATION OF CONTRACT:** Will be 18 months for cutting and removal of timber.

**DIRECTIONS:** The salvage sale has three (3) areas. The three (3) salvage sale areas are generally located approximately six (6) air miles Northeast, three (3) air miles East, and two (2) air miles South of Gates, Oregon. To get to the first sale area, units 1-3, from the Oregon Highway 22 East-bound, turn left onto North Fork Road SE, at milepost 23. Drive approximately 4.5 miles on North Fork Road SE, then turn left onto Kiel Creek Road/BLM Road 9-2E-12.3, continue on BLM Road 9-2E-12.3 for approximately 1.35 miles into the sale area.

To get to the second sale area, Units 4-6, from the Oregon Highway 22 East-bound, turn left onto Packsaddle Road/BLM Road 9-3E-25.0, at milepost 35.5. Continue on BLM Road 9-3E-25.0 for approximately 0.60 miles into the sale area.

To get to the third sale area, Units 7-10, from the Oregon Highway 22 East-bound, turn right onto East Sorbin Avenue, at milepost 33, and continue for approximately 0.45 miles. Turn right onto Gates School Road and continue for approximately 1.30 miles onto Monument Peak Road. Continue on Monument Peak Road for approximately 1.0 miles into the sale area.

See Exhibits A and E for details. Contact Northwest Oregon District Office at 503-375-5646 for a key.

ACCESS AND ROAD MAINTENANCE: Access is provided on Bureau of Land Management controlled roads, State of Oregon controlled roads, and Freres Lumber Company, Inc. controlled roads. In the use of State of Oregon controlled roads – Purchaser Maintenance, the Purchaser shall enter into a license agreement with State of Oregon and shall place 200 cubic yards of 1 ½ inch surface aggregate on State of Oregon controlled roads.

In the use of Freres Lumber Company, Inc. controlled roads – Freres Lumber Company, Inc. maintenance, the Purchaser shall enter into a license agreement with Freres Lumber Company, Inc. and pay to Freres Lumber Company, Inc. a road use fee of \$2,120.00, a road maintenance obligation of \$1,679.04, a road maintenance obligation for rockwear of \$1,238.08.

In the use of Bureau of Land Management controlled roads – Purchaser Maintenance, the Purchaser will be required to perform maintenance on approximately 8.98 miles of road. The Purchaser shall pay the Government a road maintenance obligation for rockwear of \$0.69 per thousand board feet log scale for timber haul associated with the contract.

Purchaser maintenance shall include frequent blading and shaping of road surface; ditch, culvert, and catch basin cleaning; removal of minor slides and other debris, and the construction and maintenance of water bars during wet season haul. Roads shall be left in a condition to withstand adverse weather at the end of the seasonal operations.

ROAD RENOVATION: The purchaser will be required to do all work set forth below. The purchaser shall supply all materials unless otherwise indicated.

1. Estimated Quantities:

Excavation: 800 yards

Culvert and Flume:

40 feet of 24 inch CPP

Aggregate Material:

600 Cubic yards	1.5 inch aggregate
150 cubic yards	3 inch aggregate
50 cubic yards	pit run

Miscellaneous:

Blading 20 miles

Rock Source: Allied Rock, or source that meets specs and is approved by the Authorized Officer.

Special Attention Items:

Sec. 42.f Special Mark Area.

Sec. 42.i Northern Spotted Owl – Seasonal Restriction.

SEASONAL RESTRICTION MATRIX

Activity	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Northern Spotted Owl – Seasonal Restriction												
Ground-based Yarding (tractor)												
Log Hauling												
Generally allowed												
Generally not allowed – or restriction applies												

TIMBER SALE CONTRACT SPECIAL PROVISIONS

Sec. 41.

RESERVED

- a. All timber on the Reserve Areas, which do not present a safety hazard as determined by the Authorized Officer, as shown on Exhibit A.
- b. All sound, green trees within the Danger Tree Removal Areas, which do not present a safety hazard as determined by the Authorized Officer, as shown on Exhibit A.
- c. All downed trees within the Danger Tree Removal Areas, as shown on Exhibit A, which do not present a safety hazard as determined by the Authorized Officer. All downed logs cut or moved for safety reasons shall be retained on site.

Sec. 42.

LOGGING

- a. Before beginning the operations on the Contract Area for the first time or after a shutdown of seven (7) or more days, the Purchaser shall notify the Authorized Officer in writing of the date they plan to begin operations. The Purchaser shall also notify the Authorized Officer in writing if he intends to cease operations for any period of seven (7) or more days.
- b. Prior to the commencement of operations, the Purchaser shall obtain from the Authorized Officer written approval of a written operations and logging plan commensurate with the terms and conditions of the contract, which shall include measures needed to ensure protection of the environment and watershed. A pre-work conference between the Purchaser's authorized representative and the Authorized Officer must be held at a location designated by the Authorized Officer before the logging plan will be approved. All logging shall be done in accordance with the plan.
- c. No trees may be felled, yarded, decked, or loaded in or through the Reserve Area, as shown on Exhibit A, or adjacent private land. Trees will be directionally felled to lead for skidding to minimize ground disturbance and entry into the Reserve Area. Tops, limbs, and other logging debris entering the Reserve Area from felling operations shall be pulled back into the Danger Tree Removal Area shown on Exhibit A, unless expressly authorized by other provisions of this contract.
- d. In the Danger Tree Removal Areas, all danger trees shall be felled toward the road where feasible, as directed by the Authorized Officer. Danger trees are fire-killed snags which pose a danger of striking or sliding onto existing roads within Danger Tree Removal Areas, as shown on Exhibit A. All fire-killed hardwoods and non-merchantable trees within striking distance of existing roads shall be felled and retained on site.

e. In the Danger Tree Removal Area - Course Woody Debris Treatment Area, as shown on Exhibit A, the largest four (4) trees per acre shall be felled into adjacent stream channels when feasible or felled and scattered in a manner which do not present a safety hazard, as determined by the Authorized Officer.

f. In the Special Mark Areas – Danger trees painted blue or white, above and below stump height, shall be treated as follows:

1. Approximately seventy-two (72) Danger trees, marked with blue paint above and below stump height, shall be felled and removed.
2. Approximately thirty (30) Danger trees, marked with white paint above and below stump height, which are property of State of Oregon and shall be felled and decked. State of Oregon trees shall be decked on adjacent State of Oregon lands as directed by the Authorized Officer.

g. Mechanized equipment is not allowed to operate within fifty (50) feet of stream channels when leaving existing roads. Full suspension of logs is required in order to move logs across stream channels.

h. During logging operations, the Purchaser shall keep roads where they pass through the Contract Area clear of trees, rock, dirt, and other debris so far as is practicable. The roads shall not be blocked by such operations for more than thirty (30) minutes unless otherwise approved by the Authorized Officer.

i. No operations within the Contract Area from March 1st to July 15th, both days inclusive, unless waived by the Authorized Officer. The Purchaser shall notify the Authorized Officer in writing by February 1st of each calendar year in which operations are expected to take place on the Contract Area between March 1st and July 15th, both days inclusive. If notification is not received by the Authorized Officer no later than February 1st, all operations with the potential to disturb nesting northern spotted owls may not be allowed during this time period.

Upon receipt of a notice that the Purchaser expects to perform such operations during this time period, the Government will conduct surveys to determine whether owls are nesting within 0.25 miles of harvest units. If it is determined owls are not nesting or that no young have been produced, the Authorized Officer may lift the seasonal restriction on such operations. Without this approval, such operations are prohibited from March 1st through July 15th of each year, both days inclusive, unless waived by the Authorized Officer.

j. No ground-based equipment use shall be allowed on the Danger Tree Removal Area –Ground-based Yarding, as shown on Exhibit A, between October 31 of one calendar year and May 1 of the following calendar year, both days inclusive, or during any period of wet soil conditions as determined by the Authorized Officer.

k. In the Danger Tree Removal Areas – All yarding shall be done by equipment capable of transporting the leading end of logs clear of the ground and operated entirely on designated skid roads. Before felling and yarding any timber, the Purchaser shall locate

designated skid trails as follows:

1. Mark the location of designated skid roads on the ground in a method approved by the Authorized Officer.
  2. Space designated skid roads at a minimum of one-hundred and fifty (150) feet apart unless otherwise agreed to in writing by the Authorized Officer.
  3. Limit width of skid roads to a maximum of twelve (12) feet.
  4. Obtain approval from the Authorized Officer of the location of all designated skid roads and/or skyline corridors.
  5. Ground-based operations are limited to slopes of thirty-five (35) percent or less. Ground-based operations may be approved on slopes up to fifty (50) percent when using specialized equipment, operating on previously constructed skid trails, or accessing isolated areas over steep pitches. Existing skid roads should be used to the greatest extent possible and be located perpendicular to the slope to minimize road cutting.
1. At all landings in the Danger Tree Removal Areas, all non-merchantable logs more than eight (8) inches in diameter at the large end and exceeding eight (8) feet in length shall be decked at a location designated by the Authorized Officer. If a log or piece of log meeting or exceeding the above specifications is bucked and left in place, all portions of that log shall be yarded and decked at the designated location.

#### SAFETY

m. Purchaser's operations shall facilitate BLM's safe and practical inspection of Purchaser's operations and BLM's conduct of other official duties on Contract Area. Purchaser has all responsibility for compliance with safety requirements for Purchaser's employees, contractors and subcontractors.

In the event that the Authorized Officer identifies a conflict between the requirements of this contract or agreed upon methods of proceeding hereunder and State or Federal safety requirements, the contract may be modified. If the cost of such contract modification is of a substantial nature (\$2,000.00 or more), the Purchaser may request, in writing, an adjustment in the total contract purchase price specified in Sec. 2 of the timber sale contract, as amended, to compensate for the changed conditions.

Unless otherwise specified in writing, when operations are in progress adjacent to or on roads and/or trails in the Danger Tree Removal Area, Purchaser shall furnish, install, and maintain all temporary traffic controls that provide the road or trail user with adequate warning of and protection from hazardous or potentially hazardous conditions associated with its operations. Purchaser shall prepare a Traffic Control Plan, which the Purchaser has determined is compliant with state and local OSHA and Transportation standards no later than the pre-work meeting and prior to commencing operations. Traffic control devices shall be appropriate to current operating



and/or weather conditions and shall be covered or removed when not needed. Flagmen and devices shall be as specified in state OSHA and Transportation standards for logging roads, or the “Manual on Uniform Traffic Control Devices for Streets and Highways” (MUTCD) published by the U.S. Department of Transportation – Federal Highway Administration. Included in the Traffic Control Plan, Purchaser shall note traffic control device locations on a Purchaser produced copy of the contract Exhibit A map.

### ROAD MAINTENANCE AND USE

n. The Purchaser is authorized to use the roads shown on Exhibit E, which is attached hereto and made a part hereof, for the removal of Government timber sold under the terms of this contract, provided that the Purchaser pay the required maintenance obligation for road maintenance and rockwear described in Sec. 42.o.

o. The Purchaser shall pay a road maintenance obligation for rockwear of zero and 69/100 dollars (\$0.69) per thousand board feet (MBF) log scale for the use of said roads. The totals fees due shall be based on the total scaled volumes of this contract, and mileage of roads used, as determined by the Authorized Officer. Prior to the use of such roads, the Purchaser shall give written notice to the Contracting Officer of the roads intended for use in the removal of timber purchased under this contract, together with an estimate of the volume to be hauled over such roads. The Contracting Officer shall establish an installment schedule of payment of the road rockwear obligation. If it is determined by the Authorized Officer, after all merchantable timber has been cut and scaled, that the total rockwear payments made under this contract exceed the rockwear payment due, such excess shall be returned to the Purchaser after such determination is made.

p. In the use of Road No’s. 9-3E-25.0 Segment A-F, 10-3E-2.0 Segment A, 10-3E-2.0 Segment A-H part, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement, between the United States of America and the State of Oregon. This document is available for inspection at the Northwest Oregon District Office. These conditions include:

1. Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a properly signed copy of the executed License Agreement.
2. Maintain comprehensive liability insurance covering all operations, including vehicles, in amounts not less than One Million and 00/100 dollars (\$1,000,000.00) bodily injury for injury to any one person, One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence, and One Million and 00/100 dollars (\$1,000,000.00) property damage for any one occurrence.
3. Purchaser shall also obtain a performance bond (cash or surety) in an amount not less than One Thousand dollars (\$1,000.00) conditioned upon faithful performance of the executed License Agreement.

4. In Lieu of payment of road rockwear fees to State of Oregon, Purchaser shall perform road maintenance work described in Right-of-Way and Road Use Agreement. Purchaser shall place 200 cubic yards of aggregate material on State of Oregon controlled roads for the use of State of Oregon – Purchaser maintained roads.

q. In the use of Road No's. 9-2E-12.0 Segment A-B, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. S-407, between the United States of America and Freres Lumber Company, Inc. This document is available for inspection at the Northwest Oregon District Office. These conditions include:

1. Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a properly signed copy of the executed License Agreement.
2. Maintain comprehensive liability insurance covering all operations, including vehicles, in amounts not less than One Million and 00/100 dollars (\$1,000,000.00) bodily injury for injury to any one person, One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence, and One Million and 00/100 dollars (\$1,000,000.00) property damage for any one occurrence.
3. Purchaser shall also obtain a performance bond (cash or surety) in an amount not less than Two Thousand dollars (\$2,000.00) conditioned upon faithful performance of the executed License Agreement
4. Purchaser shall pay a road use fee of two and 00/100 dollars (\$2.00) per thousand board feet log scale for the use of Freres Lumber Co, Inc. maintained roads.
5. Purchaser shall pay a road maintenance fee of one and 58/100 dollars (\$1.58) per thousand board feet log scale for the use of Freres Lumber Co, Inc. maintained roads.
6. Purchaser shall pay a road maintenance fee for rockwear of one and 17/100 dollars (\$1.17) per thousand board feet log scale for the use of Freres Lumber Co, Inc. maintained roads.

r. The Purchaser shall perform any required road repair and maintenance work on the roads identified as Purchaser maintenance, under the terms of Exhibit D, Road Maintenance Specifications, of this contract, which is attached hereto and made a part hereof.

s. The Purchaser shall furnish and install bark bags and wattles at locations determined by the Authorized Officer to haul timber sold under this contract between November 1 of one calendar year and May 1 of the following calendar year, both days inclusive, or during any period of wet road conditions as determined by the Authorized Officer.

t. The Purchaser agrees that if they elect to use any other private road, which is the subject of a right-of-way agreement with the Government for the removal of Government timber

sold under the terms of this contract, Purchaser shall request and agree to the modification of this contract to provide for such use and for allowances for amortization of the Government's shares of the capital investment of any such road.

u. With the prior written approval of the Authorized Officer, the Purchaser may arrange for cooperative maintenance with other users of roads included in Exhibit E; provided, that such cooperative arrangement shall not relieve the Purchaser of his liability for the maintenance and repair of such roads resulting from wear or damage, in accordance with this contract. The Purchaser shall furnish the Authorized Officer a copy of any cooperative maintenance agreements entered into with other users of these roads.

v. The Purchaser shall be required to secure written approval to use vehicles or haul forest products and equipment over Government owned or controlled roads when such vehicles or equipment exceeds the maximum allowable weights or dimensions established by the State for vehicles operating without a permit or if vehicles meet allowable non-permitted State vehicle weights, but the haul route crosses a structure or segment of road that is posted for reduced weights. The Purchaser agrees to abide by any special requirements included in said written approval. Details of such equipment shall be furnished to the Authorized Officer for evaluation of load characteristics at least fifteen (15) days prior to proposed move in.

Details shall include:

- A. Axle weights when fully loaded.
- B. Axle spacing.
- C. Transverse wheel spacing.
- D. Tire size.
- E. Outside width of vehicle.
- F. Operating speed.
- G. Frequency of use.
- H. Special features (e.g., running tracks, overhang loads, etc.).

The Purchaser shall be responsible for repair of any damage to roads or structures caused by the use of overweight or over-dimension vehicles or equipment: (1) without written approval; (2) in violation of the conditions of a written approval; or (3) in a negligent manner. The amount of actual damage shall be determined by the Authorized Officer following a technical inspection and evaluation.

ENVIRONMENTAL PROTECTION

w. In addition to the requirements set forth in Sec. 26 of this contract, the Purchaser shall complete grass seeding on exposed soil on all skyline roads, ground-based skid roads, landings, and any other exposed soil caused by contract obligations as directed by the Authorized Officer. Grass seed and suitable equipment to apply seed shall be furnished by the Purchaser.

Seed to be supplied shall meet the following requirements:

<u>SPECIES</u>	<u>RATE</u>
Blue wild rye ( <i>Elymus glaucus</i> )	100%
Oregon Certified Seed (Blue Tag)	
Purity	97% minimum
Germination	85% minimum
Noxious Weed Content	None (Tested: None Found)

The Purchaser shall apply grass seed uniformly on the designated areas at a rate equal to ten (10) pounds per acre. Evidence of seed certification shall be furnished to the Authorized Officer prior to application. Grass seed which has become wet, moldy, or otherwise damaged shall not be provided.

x. In addition to the requirements set forth in Sec. 26 of this contract, in order to reduce or prevent the spread of noxious weeds to BLM lands, all road construction, piling, and ground-based logging equipment including loaders shall be cleaned of all plant parts and soil prior to entry onto BLM lands. Equipment shall be inspected by the Authorized Officer at a site approved by the Authorized Officer to verify that the equipment had been reasonably cleaned prior to entry onto BLM lands.

y. Immediately following ground-based yarding activities for any operating season, the Purchaser shall construct water bars on ground-based skid roads and block them to vehicular traffic as directed by the Authorized Officer. The location of water bars shall be approved by the Authorized Officer prior to construction.

z. The Purchaser shall immediately discontinue specified construction or harvesting operations upon written notice from the Authorized Officer that:

1. threatened or endangered plants or animals protected under the Endangered Species Act of 1973, as amended, may be affected by the operation, and a determination is made that consultation or reinitiation of consultation is required concerning the species prior to continuing operation, or;
2. when, in order to comply with the Endangered Species Act or to prevent incidental take of northern spotted owls in accordance with management direction in the Record of Decision (ROD) and Resource Management Plan (RMP), the Contracting Officer determines it may be necessary to modify or terminate the contract, or;

3. federal proposed, federal candidate, Bureau sensitive or State listed species protected under BLM Manual 6840 - Special Status Species Management - have been identified, and a determination is made that continued operations would affect the species or its habitat, or;
4. other active raptor nests have been discovered, and a determination is made that continued operations under this contract would adversely affect the present use of the discovered nesting area by the raptor, or;
5. when, in order to comply with a court order, which enjoins operations on the sale or otherwise requires the Bureau of Land Management to suspend operations, or;
6. when, in order to comply with a court order, the Contracting Officer determines it may be necessary to modify or terminate the contract, or;
7. species have been discovered which were identified for protection by management direction established in the ROD and RMP, and the Contracting Officer determines that continued operations would affect the species or its habitat, or;
8. when, in order to protect species which were identified for protection by management direction established in the ROD and RMP, the Contracting Officer determines it may be necessary to modify or terminate the contract.

Those operations necessary for a safe removal of personnel and equipment from the Contract Area and those directed by the Contracting Officer, which are required in order to leave the contract area in an acceptable condition, will be permitted. Discontinued operations may be resumed upon receipt of written instructions and authorization by the Contracting Officer.

During any period of suspension, the Purchaser may withdraw performance and payment bond coverage aside from that deemed necessary by the Authorized Officer to secure cut and/or removed timber for which the Bureau of Land Management has not received payment, and/or unfulfilled contract requirements associated with harvest operations that have already occurred and associated post-harvest requirements.

In the event of a suspension period or a combination of suspension periods that exceed a total of thirty (30) days, the First Installment held on deposit may be temporarily reduced upon the written request of the Purchaser. For the period of suspension extending beyond thirty (30) days, the First Installment on deposit may be reduced to five (5) percent of the First Installment amount listed in Sec. 3(a) of the contract. Any First Installment amount temporarily reduced may be refunded or transferred to another BLM contract at the request of the Purchaser. However, if the Purchaser has outstanding debt owing the United States, the Contracting Officer must first apply the amount of First Installment that could be refunded to the debt owed in accordance with the Debt Collection Improvement Act, as amended (31 USC 3710, et seq.).

Upon Purchaser's receipt of a bill for collection and written notice from the Contracting Officer lifting the suspension, the Purchaser shall restore the First Installment to the full amount shown in Sec. 3(a) of the contract within fifteen (15) days after the bill for collection is issued, subject to Sec. 3(i) of the contract. The Purchaser shall not resume contract operations until the First Installment amount is fully restored.

In the event of a suspension period or a combination of suspension periods that exceed a total of thirty (30) days, the unamortized Out-of-Pocket Expenses for road or other construction required pursuant to Exhibit C of the contract shall be refunded or transferred to another BLM contract at the request of the Purchaser. Upon written notice from the Contracting Officer lifting the suspension, the Purchaser shall reimburse the Government the amounts refunded or transferred. The Purchaser may choose to pay this reimbursement at once or in installments payable at the same time as payments are due for the timber under the contract and in amounts approximately equal to the expenses associated with the timber for which payment is due.

In the event that operating time is lost as a result of the incorporation of additional contract requirements, or delays due to Endangered Species Act consultation with the U.S. Fish and Wildlife Service or U.S. National Marine Fisheries Service, or court-ordered injunctions, the Purchaser agrees that an extension of time, without reappraisal, will constitute a full and complete remedy for any claim that delays due to the suspension hindered performance of the contract or resulted in damages of any kind to the Purchaser.

The Contracting Officer may determine that it is necessary to terminate the cutting and removal rights under the contract in order to comply with the Endangered Species Act, prevent incidental take of northern spotted owls in accordance with the ROD and RMP, protect species that have been discovered which were identified for protection through standards and guidelines established in the ROD and RMP, or comply with a court order. Following the issuance of a written notice that cutting and removal rights will be terminated, the Purchaser will be permitted to remove timber cut under the contract, if allowed by the Endangered Species Act, standards and guidelines established in the ROD and RMP, or court order requirements necessitating the modification or termination.

In the event cutting and removal rights are terminated under this subsection, the Purchaser agrees that the liability of the United States shall be limited to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area. This calculation of liability shall utilize actual Purchaser costs and Government estimates of timber volumes. At the Authorized Officer's request, the Purchaser agrees to provide documentation of the actual costs incurred in the performance of the contract. In addition, the Purchaser shall be released from the obligation to pay the contract price for any timber which is not authorized to be removed from the contract area.

The Purchaser specifically and expressly waives any right to claim damages, other than those described in the preceding paragraphs, based on an alleged breach of any duty to the Purchaser, whether express or implied, in regard to the manner in which the Government defended the litigation which resulted in the court order affecting the operation of the contract. This waiver also extends to any claims based on effects on the operation of the contract that arise from litigation against another agency. Furthermore, the Purchaser specifically acknowledges and

agrees that a court ruling that the Government violated the Administrative Procedures Act cannot be interpreted, in itself, to mean that the Government had not acted reasonably in regard to its duties to the Purchaser under this contract.

### FIRE PREVENTION

aa. Primarily for purposes of fire prevention and control, the Purchaser shall, prior to the operation of power-driven equipment in construction or logging operations under this contract during the fire season or periods of fire danger, prepare a fire prevention and control plan to the satisfaction of the Authorized Officer. Purchaser shall take such measures for prevention and suppression of fire on the Contract Area and other adjacent Government lands used or traversed by Purchaser in connection with operations as are required by applicable laws and regulations. However, when in the opinion of the Authorized Officer, weather and other conditions affecting fire incidence and control make special precautions necessary to protect the contract area and said Government lands, Purchaser shall take such additional or other fire prevention and control measures as may be required by the Authorized Officer. The Purchaser shall comply with Oregon Department of Forestry Industrial Fire Precaution Level (IFPL) I Fire Season requirements. At IFPL II and III, additional fire prevention and control provisions may be added as determined by the Authorized Officer and specified in written instructions to the Purchaser to mitigate dry fuel and weather conditions.

### LOGGING RESIDUE REDUCTION

bb. In addition to the requirements of Sec. 15 of this contract, and notwithstanding the Purchaser's satisfactory compliance with State laws and regulations regarding offsetting or abating the additional fire hazard created by this operation and the State's willingness to release the Purchaser from liability for such hazard, the Purchaser shall remain responsible to the Government for performance of the following hazard reduction measure(s) required by this contract: Perform logging residue reduction and site preparation work on approximately seventy eight (78) acres of danger tree removal area located within harvest units. The required work shall consist of any treatment or combination of treatments, as determined by the Authorized Officer and specified in writing by the Contracting Officer. The number of acres of each treatment shall be determined by the Authorized Officer. Prior to commencement of any operation under this Section of the contract, a slash disposal and pre-work conference between the purchaser's representative and the Authorized Officer must be held at a location designated by the Authorized Officer. The number of acres of each treatment shall be determined by the Authorized Officer. All slash disposals shall be done in accordance with the plans developed at this pre-work conference. Slash, as defined for this section, shall mean all material (brush, limbs, tops, unmerchantable stems, and chunks) severed or knocked over as a result of purchaser's operations under the terms of this contract.

1. Excavator pile and burn slash within twenty-five (25) feet of existing roads in Danger Tree Removal Areas. Slash shall be piled by an excavator equipped with a hydraulic thumb. Finished piles shall be tight and free of dirt.

- a. Unmerchantable logs greater than six (6) inches on the small end shall be left in place or positioned so that they will not be burned.
- b. Machine piles shall be located as far as possible from green trees, snags, or unit boundaries to minimize damage.
- c. Machine piles shall be kept free of dirt and other non-wood debris and constructed as compactly as possible. There should be an adequate supply of finer fuels located within and under the covered area of the pile to ensure ignition of the larger fuels.
- d. A minimum ten (10) foot by ten (10) foot cover of four (4) mil. polyethylene shall cap each machine pile to maintain a dry ignition point. The cover shall be firmly fixed to each pile to hold it in place. Plastic shall be held in place with woody debris or tied with rope or twine. The plastic must be secured so that it is held in place during strong wind conditions. The Purchaser is required to furnish the covering materials. Covering shall be completed as directed by the Authorized Officer.
- e. Danger Tree Removal Areas shall be piled during the same season that they are logged.
- f. Machine piling equipment would travel on previously used skid trails during dry soil conditions. In areas inaccessible from designated skid trails where the slope is less than 35 percent, machine piling equipment would be allowed one pass over a slash mat.
- g. Slash may be left on-site or distributed along slopes, when determined by the Authorized Officer to be appropriate to minimize soil erosion.

2. Lop and scatter all slash in designated areas as directed by the Authorized Officer.

- a. Slash includes all woody material (brush, limbs, tops, unmerchantable stems, or chunks) severed, uprooted, or broken as a result of Purchaser's operations under the terms of this contract.
- b. All top and side branches must be cut free of the central stem so that such stem is reduced to the extent that it is within twelve (12) inches of the ground at all points. All logging slash and slashed woody vegetation that is greater than six (6) feet in length and between one



(1) inch and six (6) inches in diameter shall be lopped and scattered. Larger material which has a portion meeting this specification must be bucked at the six (6) inch diameter.

3. Pile and burn landing slash within thirty (30) feet of the edge of each landing, all tops, broken pieces, limbs, and debris more than one (1) inch in diameter at the large end and longer than three (3) feet in length shall be piled within fifteen (15) days of completion of hauling logs from that landing. Landing piles shall be kept free of dirt and located adjacent to roads at least twenty (20) feet from any Reserve Tree and/or as directed by the Authorized Officer. Upon completion of landing piling, the Purchaser shall prepare the landing piles for burning by securely covering each landing pile by securely covering each pile with four (4) mil. thick polyethylene plastic film at least twenty (20) feet wide. Landing piles shall be seventy-five (75) percent covered with the covering extending three-quarters (3/4) of the way down all sides. The plastic shall be oriented southwest to northeast. Pieces of burnable material shall be placed on top of the plastic to secure it from moving and to prevent it from blowing off during strong wind episodes. The Purchaser is required to furnish the covering materials. The timing of this covering work shall be in accordance with instructions from the Authorized Officer. No landing debris shall be dozed off the landing and covered with dirt. Debris which has been buried and is determined to be the source of holdover fire shall be excavated by the Purchaser, at the Purchaser's expense, with a tractor and/or hydraulic excavator as directed by the Authorized Officer. If the structure of the landing piles will not permit adequate consumption of piled debris by burning, the Purchaser shall re-pile them at the direction of the Authorized Officer.

cc. Notwithstanding the provisions of Sec. 15 of this contract, the Government shall assume all obligations for disposal or reduction of fire hazards created by Purchaser's operations on Government lands, except for burning and mop-up assistance as required herein, and measures required in Section 42.bb. The Purchaser shall, under supervision of the Authorized Officer or designated representative, assist in preparing units for burning, burning, mop-up, and patrol by furnishing, at the Purchaser's own expense, the services of personnel and equipment as shown below:

1. For Igniting, Burning, Mop-up of Piles on Danger Tree Removal Areas:
  - a. One (1) work leader Firefighter Type 1 (FFT1) qualified according to National Wildfire Coordinating Group (NWCG) Wildland Fire Qualifications System guide, PMS 310-1, to supervise crew and equipment operations, and to serve as Purchaser's representative.
  - b. Two (2)-person crew Firefighter Type 2 (FFT2) qualified according to National Wildfire Coordination Group (NWCG) Wildland Fire Qualifications System guide, PMS 310-1, with sufficient fuel for burning, three (6) drip torches, one (1) power saw, and one (1) backpack pump, one (1) tool for each crew member.

- c. The crew shall arrive on the project area with radios capable of inter-crew communications and communication with a BLM representative at a ratio of one (1) radio per every five (5) crew members.
- d. All ignition and mop-up personnel will be directly supervised by a BLM representative.

Aircraft and pilots used for Logging Residue Reduction or the suppression of escaped fires from Logging Residue Reduction operations, shall be acquired from a list of aircraft and pilots approved (i.e., carded for these specific activities) by the Office of Aircraft Services or the U.S. Forest Service. This list is available from BLM District Offices upon request.

All listed personnel shall be physically fit, experienced and fully capable of functioning as required. In addition, all listed personnel shall be qualified according to the National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System Guide, PMS-310-1 and provide documentation of these qualifications. On the day of ignition all listed personnel shall be fluent in speaking and understanding English, clothing shall consist of long pants and long-sleeved shirts and be of approved aramid fabric (Nomex™ or equivalent), as well as being free of diesel fuel oil. All personnel shall wear lug sole boots with minimum eight (8) inch tall uppers that provide ankle support, approved hardhats and leather gloves. Personnel who do not meet these requirements or do not have proper clothing and personal protective equipment (PPE) will not be allowed to participate. All listed tools and equipment shall be in good usable condition. All power-driven equipment shall be fully fueled and available for immediate use. During periods of use under this subsection, the Purchaser shall provide fuel and maintenance for all such power-driven equipment.

Except as provided hereafter for fire escapement, the Purchaser shall continue the required assistance in mop up on each Harvest Area shown on Exhibit A for seventy-two (72) hours, as directed by the Authorized Officer within a five (5) day period commencing at 8:00 a.m. the day following the completion of ignition in that unit, or until released from such service by the Government, whichever occurs first.

In event of a fire escapement, the Purchaser's personnel and equipment shall, under supervision of the Authorized Officer, take action to control and mop up the escaped fire until released from such service by the Government. If it becomes necessary to use furnished personnel and equipment for the suppression of a fire which escapes from the prescribed fire area for a period beyond the remainder of the day in which the fire escapes, then the Government shall, at its option: (1) reimburse the Purchaser for such additional use of personnel and equipment at wage rates shown in the current Administratively Determined Pay Rates for the Western Area and at equipment rates shown in the current Oregon-Washington Interagency Fire Fighting Equipment Rental Rates schedule until the Purchaser is released from such service by the Government; or (2) release the Purchaser from additional suppression work and assume responsibility for suppressing the escaped fire.

In situations where an escaped fire is controlled and contained by an adequate fire break (i.e., trail, road, stream, rock formation, etc.), the Government may permit the Purchaser to remove personnel for that day; provided that all mop up work on the escaped fire is included with mop up work on the prescribed fire area.

In such an event, the Purchaser must sign a statement of agreement to complete mop up work on all escaped fire areas concurrently with mop up work on the prescribed fire area.

In case of injury to personnel or damage to equipment furnished as required by this subsection, liability shall be borne by the Purchaser, unless such injury or damage is caused by Government negligence.

Time is of the essence in complying with this provision. In the event the Purchaser fails to provide the personnel and equipment required herein, the Purchaser shall be responsible for all additional cost incurred by the Government in disposing of slash including but not limited to the wages and other costs of providing federal employees and others as substitute labor force, the cost of providing substitute equipment and appropriate additional overhead expenses. If the Purchaser's failure results in a deferral of burning and new conditions necessitate additional personnel and equipment to accomplish the planned burn, the Purchaser also shall be responsible for such additional costs.

#### LOG EXPORT RESTRICTION

dd. All timber sold to the Purchaser under the terms of the contract, except exempted species, is restricted from export from the United States in the form of unprocessed timber, and is prohibited from being used as a substitute for exported private timber. For the purpose of this contract, unprocessed timber is defined as: (1) any logs, except those of utility grade or below, such as sawlogs, peeler logs; and pulp logs; (2) cants or squares to be subsequently remanufactured exceeding eight and three-quarters (8-3/4) inches in thickness; (3) split or round bolts or other roundwood not processed to standards or specifications suitable for end-product uses; or (4) western red cedar lumber which does not meet lumber of American Standards Grades of Number 3 dimension or better, or Pacific Lumber Inspection Bureau R-List Grades of Number 3 Common or better. Thus, timber manufactured into the following will be considered processed: (1) lumber and construction timbers, regardless of size, manufactured to standards and specifications suitable for end-product uses; (2) chips, pulp, and pulp products; (3) green or dry veneer and plywood; (4) poles and piling cut or treated for use as such; (5) cants, squares, and lumber cut for remanufacturing of eight and three-quarters (8-3/4) inches in thickness or less; or (6) shakes and shingles.

Substitution will be determined under the definition found in 43 CFR 5400.0-5.

The Purchaser is required to maintain and upon request to furnish the following information:

1. Date of last export sale.
2. Volume of timber contained in last export sale.
3. Volume of timber exported in the past twelve (12) months from the date of last export sale.
4. Volume of Federal timber purchased in the past twelve (12) months from the date of last export sale.
5. Volume of timber exported in succeeding twelve (12) months from date of last export sale.

6. Volume of Federal timber purchased in succeeding twelve (12) months from date of last export sale.

In the event the Purchaser elects to sell any or all of the timber sold under this contract in the form of unprocessed timber, the Purchaser shall require each party buying, exchanging, or receiving such timber to execute a Form 5450-17 (Export Determination). The original of such certification shall be filed with the Authorized Officer. Additionally, when the other party is an affiliate of the Purchaser, the Purchaser will be required to update information under item (2) of Form 5450-17 (Export Determination) and file the form with the Authorized Officer.

In the event an affiliate of the Purchaser has exported private timber within twelve (12) months prior to purchasing or otherwise acquiring Federal timber sold under this contract, the Purchaser shall, upon request, obtain from the affiliate information in the form specified by the Authorized Officer and furnish the information to the Authorized Officer. Prior to the termination of this contract, the Purchaser shall submit to the Authorized Officer Form 5460-15 (Log Scale and Disposition of Timber Removed Report), which shall be executed by the Purchaser. The purchaser shall also provide a current, interim Log Scale and Disposition of Timber Removed Report (Form 5460-15) upon request by the Authorized Officer at any time during the contract period for cutting and removal specified in Sec. 4 of this contract as amended. In addition, the Purchaser is required under the terms of this contract to retain for a three-year period from the date of termination of the contract the records of all sales or transfer of logs involving timber from the sale for inspection and use of the Bureau of Land Management.

Unless otherwise authorized in writing by the Contracting Officer, the Purchaser shall brand clearly and legibly one end of all logs with a scaling diameter (small end inside bark) of over ten (10) inches, prior to the removal of timber from the contract area. All loads of eleven (11) logs or more will have a minimum of ten (10) logs clearly and legibly branded on one end regardless of the diameter of the logs. All logs will be branded on loads of ten (10) logs or less. One end of all branded logs to be processed domestically will be marked with a three (3) square inch spot of highway yellow paint. The Purchaser will stop trucks for accountability monitoring at mutually agreed upon locations when notified by the Authorized Officer.

If multiple trailers (mule trains) are used, each bunked load shall be considered an individual load, and these guidelines will apply to each bunked load. If a flatbed stake trailer is used, each bundle will be treated as a separate load.

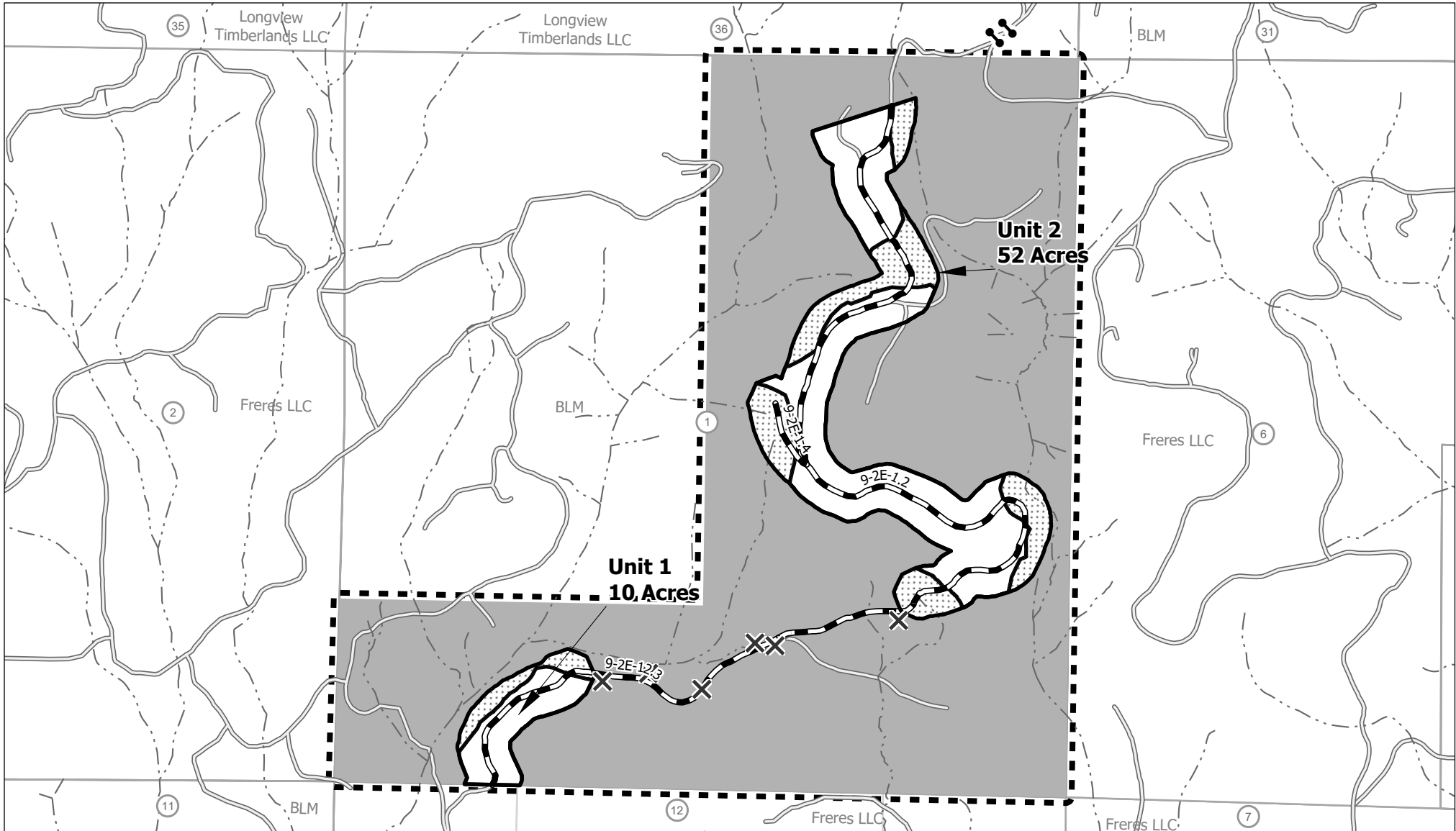
At the discretion of the Contracting Officer, the Purchaser may be required to brand and paint all logs. Any increased costs for log branding and painting shall be the responsibility of the Purchaser.












In the event of the Purchaser's noncompliance with this subsection of the contract, the Authorized Officer may take appropriate action as set forth in Sec. 10 of this contract. In addition, the Purchaser may be declared ineligible to receive future awards of Government timber for a period of one year.



**SALVAGE SALE CONTRACT MAP - ORN01-TS-2023.0101**

T. 9 S., R. 2 E., Section 1; T. 9 S., R. 3 E., Sections 7, 25; T. 9 S., R. 4 E., Sections 19, 29;  
T. 10 S., R. 3 E., Section 1; T. 10 S., R. 4 E., Section 17 W.M.



-  Special Mark Area
-  Boundary Cutting Area
-  Boundary Contract Area
-  Reserve Area
-  Danger Tree Removal Treatment Area - Coarse Woody Debris Treatment Area
-  Danger Tree Removal Treatment Area
-  Existing Road
-  County Road
-  Road To be Renovated
-  Existing Gate
-  Stream

Contour Interval: 40 ft (LiDAR)

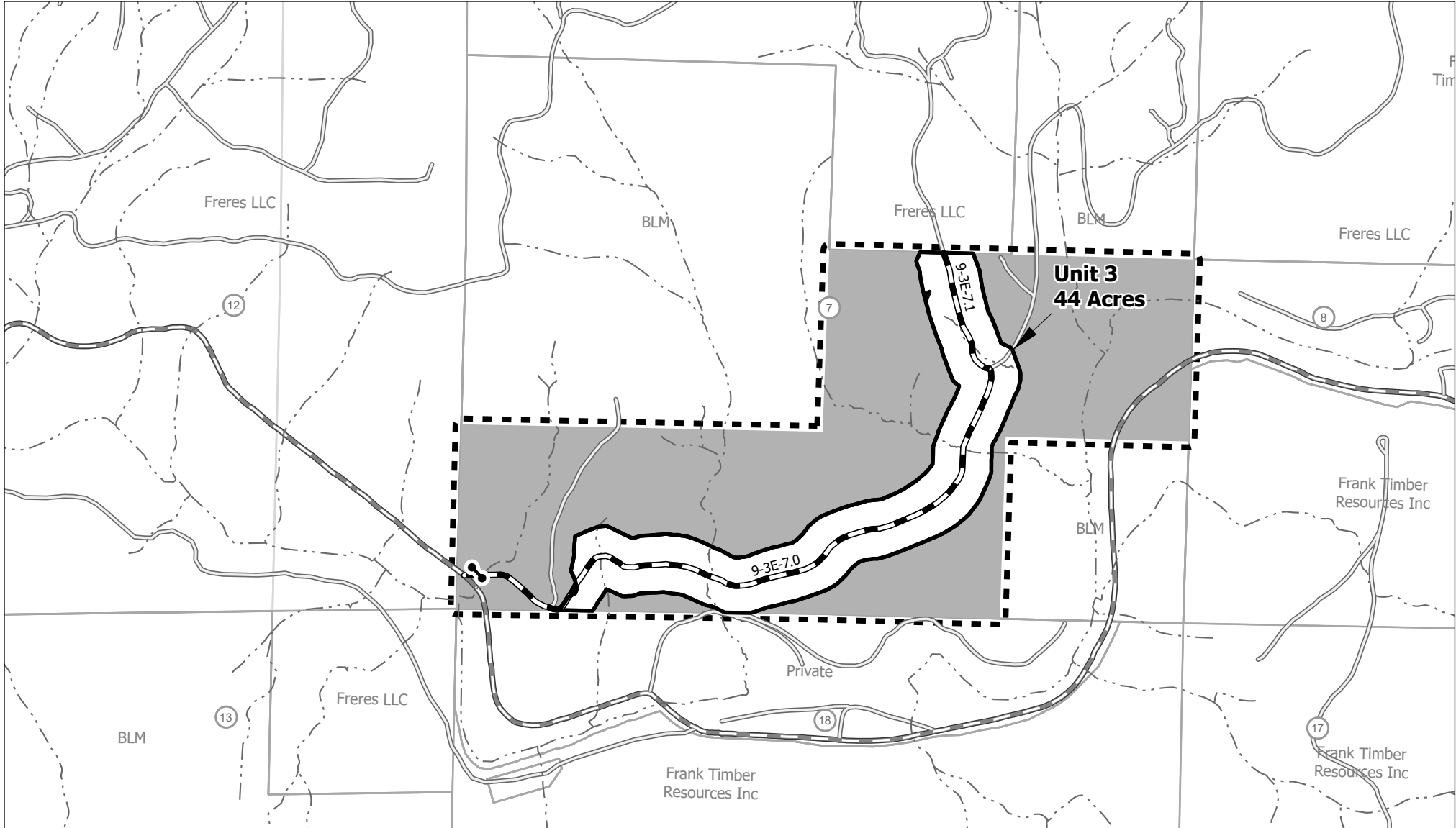
Danger Tree Removal Area	296.00 Acres
Special Mark Area	1.00 Acre
Reserve Area	1583.63 Acres
<b>Total Contract Area</b>	<b>1880.63 Acres</b>












Unit acres do not include existing roads.

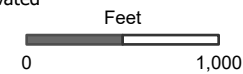


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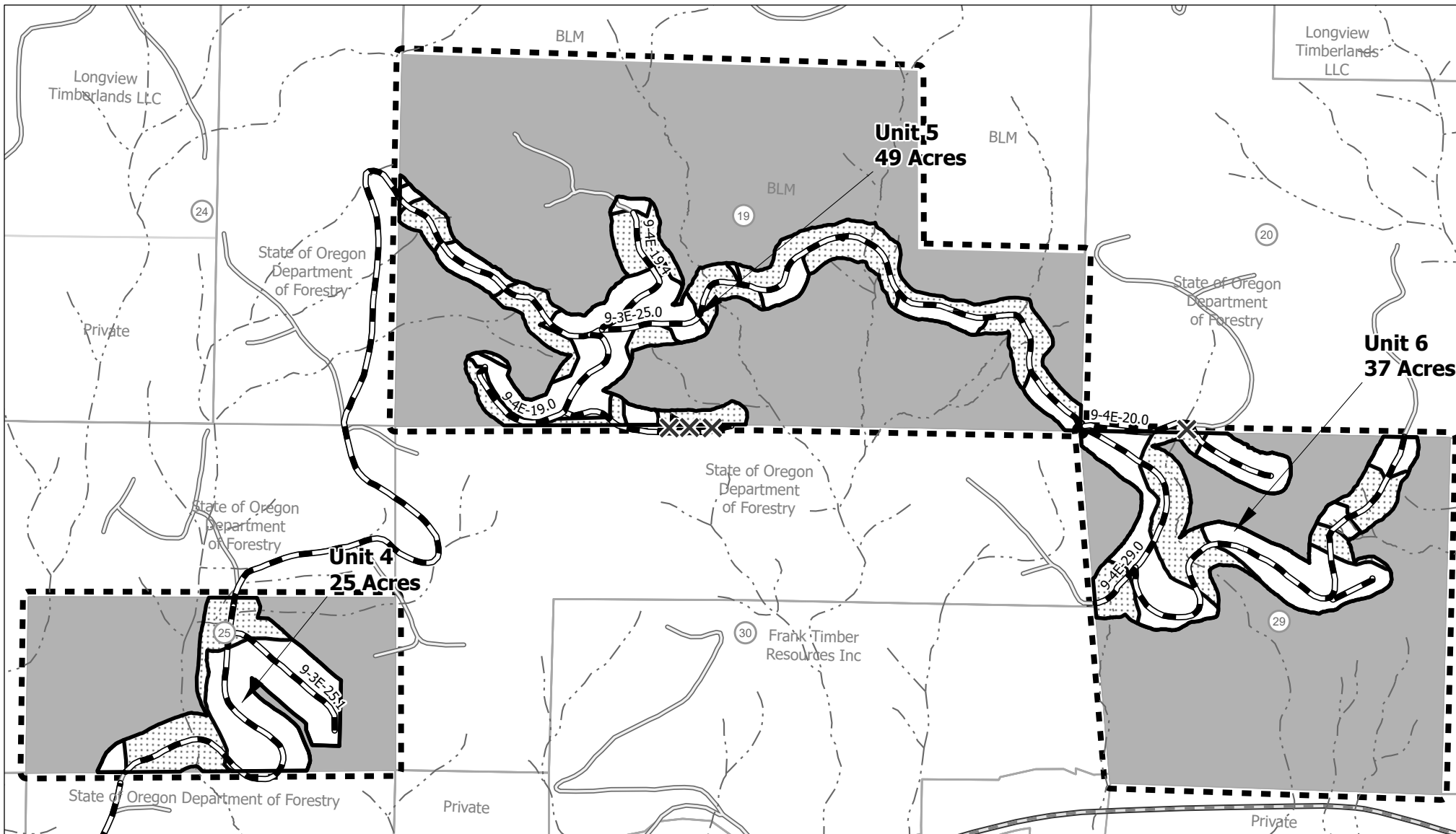
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
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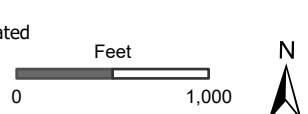


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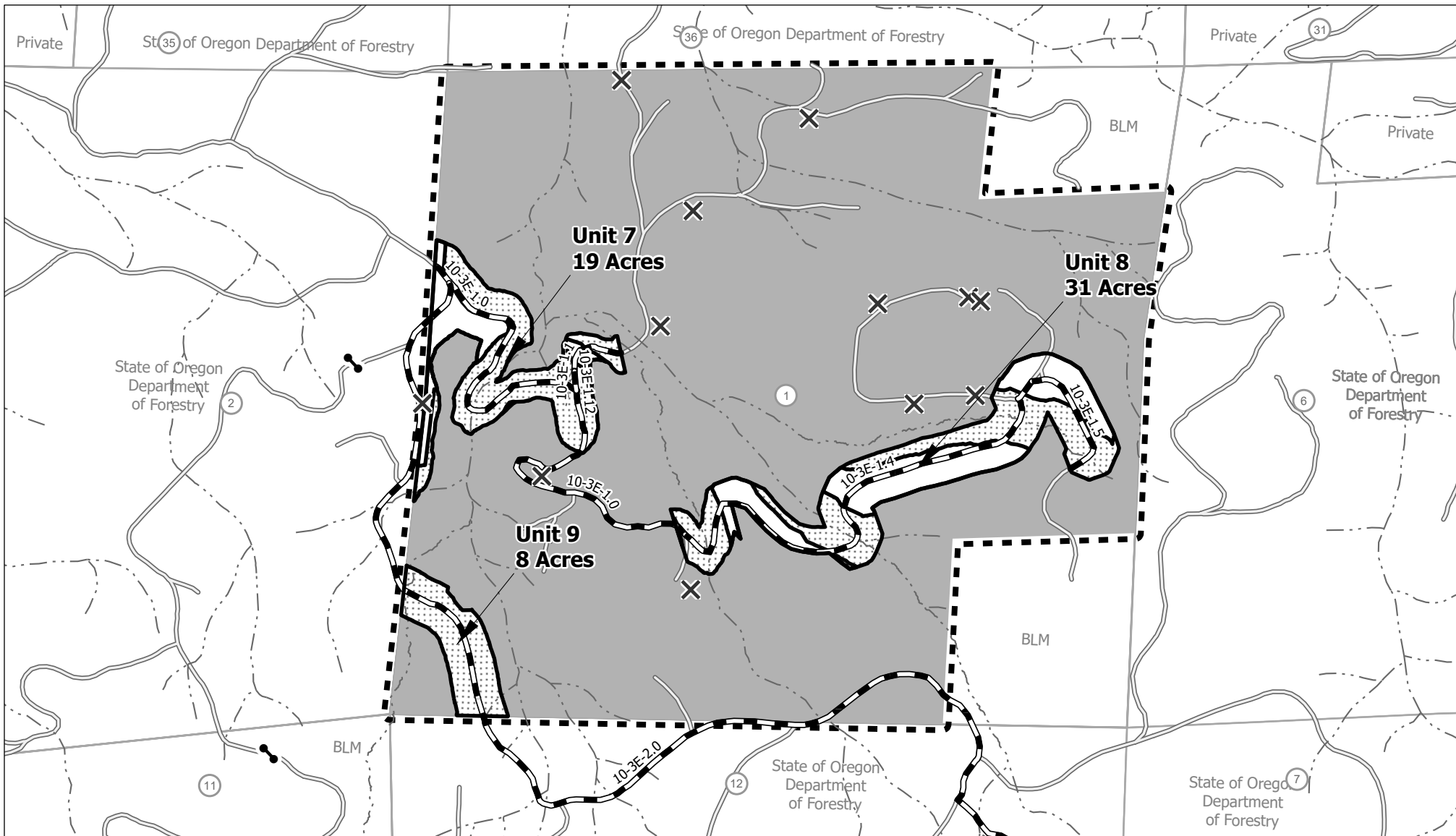
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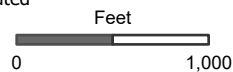


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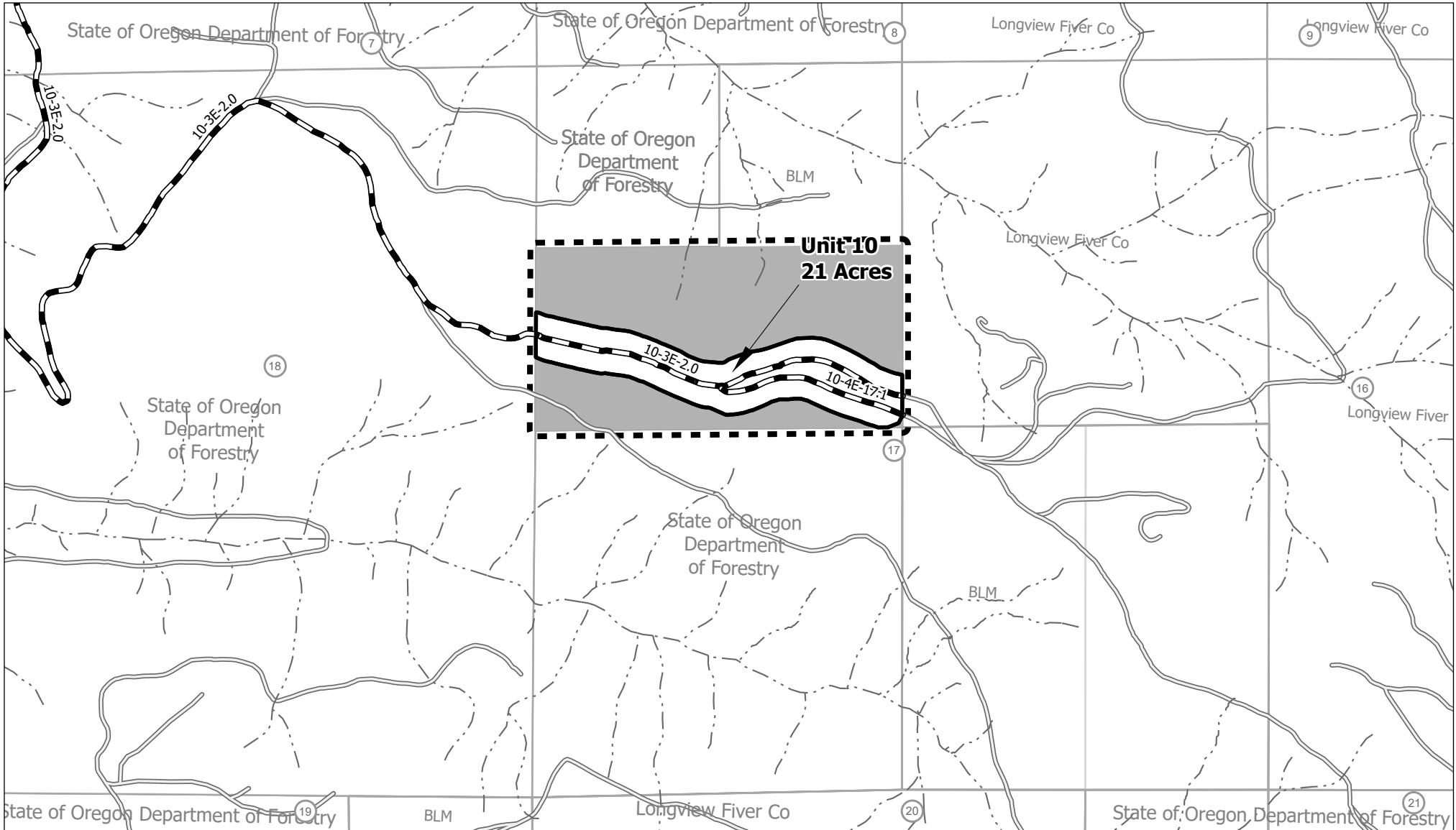
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


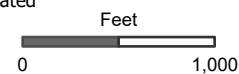


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**UNITED STATES  
 DEPARTMENT OF THE INTERIOR  
 BUREAU OF LAND MANAGEMENT (BLM)  
 NORTHWEST OREGON DISTRICT**

**PRE-SALE EXHIBIT B  
SCALE SALE  
 PURCHASE PRICE SCHEDULE AND MEASUREMENT SPECIFICATIONS**

I. **Total Actual Purchase Price** - In accordance with Section 2 and 3 of the contract, the Purchaser agrees to pay the Government for the timber sold under the contract in accordance with the following schedule and measurement requirements. Timber sold is comprised of Merchantable Timber, Merchantable Timber Remaining, and Other Timber as defined below. In the event an Extension of Time is approved, the prices per measurement unit are subject to readjustment (refer to Section 9 of the contract).

<b>Schedule of Species/Products, Measurement Units, and Prices</b>		
<b>Species/Products</b>	<b>Measurement Unit</b>	<b>Price Per Measurement Unit</b>
Douglas-fir	MBF	\$93.80
Western hemlock	MBF	\$26.90
Western red Cedar	MBF	\$186.50
Biomass	Green Ton	\$5.00

II. **Merchantable Timber** - All timber which can be cut into logs, which equal or exceed the following specifications, shall be considered merchantable timber required to be removed from the contract area. Purchaser shall pay for same in accordance with Section 3 of the contract at the unit prices shown in Section I of this Exhibit.

<b>Schedule of Material Specifications</b>			
<b>Species/Product</b>	<b>Length (feet)</b>	<b>Diameter (inches inside bark at small end)</b>	<b>Net Scale (% of gross volume of any log segment)</b>
All	16 feet	10 inches	33%

If Purchaser elects to remove any logs which do not meet the above minimum material specifications and which have not been reserved to Government in Sec. 41 of the contract, such logs shall be scaled in accordance with section V of this Exhibit herein and be paid for in accordance with Section 2 and 3 of the contract and the value in Section I of this Exhibit.

**III. Merchantable Timber Remaining - Measurement Requirements** - The remaining volume of any merchantable sold timber on the contract area shall be determined as provided in Section 3.(g). of the contract. Purchaser shall pay for same in accordance with Section 3 of the contract at the unit prices shown in Section I of this Exhibit.

**IV. Other Timber** - If any timber is of a species not listed in Section I of this Exhibit the Authorized Officer shall establish volumes and values in accord with Standard BLM methods.

## **V. Scaling**

- A. Log Rule and Measurement** - All logs shall be scaled in Eastside Scribner according to the Northwest Log Rules Eastside and Westside Log Scaling Handbook, as amended, or supplemented by BLM before the first advertisement date of the sale.
- B. Scaling Service** - A Scaling Authorization Form must be completed and approved by the Authorized Officer prior to beginning of hauling operations. All sites on the Scaling Authorization are required to have a Log Yard Agreement with the BLM. Log scaling services shall be provided and performed by BLM personnel or third-party scaling organizations under agreement with BLM.
1. All logs shall be scaled and volumes determined by BLM or a certified contract scaler.
  2. The BLM scaler or contract scaler is designated to collect Eastside MBF scale data from all loads.
  3. All logs shall be scaled using an authorized BLM scaling method approved by the Authorized Officer in accordance with BLM prescribed procedures.
- C. Defect Caused by Abnormal Delay** - Scaling deductions made for rot, check or other defect resulting from abnormal delay in scaling caused by Purchaser shall be recorded separately and charged to the Purchaser in accordance with Section 3 of the contract.
- D. Log Presentation** - Purchaser shall present logs so that they may be scaled in an economical and safe manner in accordance with the Log Yard Authorization required in Section V. B. of this Exhibit.
- E. Check Scale**

The BLM will conduct check scales using the following standards.

Gross Scale. A variance of one and ½ percent (1.5%) in gross scale is the standard unless otherwise justified.

Net scale. The allowable variance is as follows:

Check scaler's percent defect in logs	Scalers allowable variance
0-10 percent	2 percent
over 10 percent	0.2 * percent defect to a maximum of 5 percent

Determinations as to volume of timber made by a BLM check scaler in conformance with the standards as set forth herein shall be final. When such checks show a variance in scale in excess of acceptable standards, in two or more consecutive check scales, an adjustment to the volume reported as scaled will be made by BLM. Such adjustments will be made based on the difference between available BLM check scales and the original scale during the period covered by the unsatisfactory check scales. Unless otherwise approved in writing by the Authorized Officer, the volume to which this difference will be applied will be 50 percent of the volume scaled between the last satisfactory check and the first unsatisfactory check, 100 percent of the volume scaled during the unsatisfactory check, and 50 percent of the volume between the last unsatisfactory check scale and the next satisfactory check scale.

#### **F. Accountability**

1. Purchaser shall notify the Authorized Officer seven (7) days prior to starting or stopping of hauling operations performed under the contract.
2. All logs will be painted and branded at the landing and accounted for in accordance with Section 42 of the contract. If Sale Area is within a State that maintains a log brand register, brands shall be registered with the State. Purchaser shall use assigned brand(s) exclusively on logs from this sale until the Authorized Officer releases the brand(s).
3. Each truck driver shall obtain a load receipt and a BLM scaler receipt from the Log Truck Ticket Book issued by the Authorized Officer and comply with the instructions specified on the cover of said book. All load tickets will be marked with the cutting area number using a permanent marker or as directed by the Authorized Officer. While products are in transit, the truck driver shall display the load receipt and BLM scaler receipt on the bunk or wing log at the front of the load on the driver's side. All logs on each load shall be delivered to the destination listed on the woods receipt. The BLM scaler receipt shall be surrendered at the location of BLM scaling, the unloading location, or as requested by BLM. A designated area shall be identified at the yard scaling location for logs arriving during off hours. Logs arriving during off hours shall be left on the truck or may be off loaded to the designated area.
4. The Purchaser shall not haul logs from the contract area on weekends; Memorial Day,

Fourth of July, Labor Day, Thanksgiving, Christmas, and New Year's holidays; or outside the hours of 4:00 a.m. to 8:00 p.m. daily, unless otherwise approved in writing by the Authorized Officer or designated in the Approved Logging Plan. (Refer to Section 42 of the contract).

5. The Purchaser shall furnish BLM a map showing the route which shall be used to haul logs from the timber sale area to the scaling location. Such route shall be the most direct haul route between the two points, unless another route is approved by BLM. The route of haul may be changed only with advance notice to and approval by BLM. The haul route map shall be attached to the Approved Logging Plan.
6. All loads will be scaled at locations listed on the Scaling Authorization as approved by the Authorized Officer. Purchaser shall notify the Authorized Officer seven (7) days in advance to request additional scale site locations for approval on the Scaling Authorization.
7. Any removal of logs from loaded trucks before being accounted for and/or scaled as required by the contract shall be considered a willful trespass and render the Purchaser liable for damages under applicable law. Any payment made for purchase of such logs shall be deducted from amount due because of trespass.

**G. Scaling Lost Products** - The value of lost loads shall be equal to the highest value load for the month in which the lost load is hauled regardless of where the highest value load is scaled. If no loads have been scaled in that month, value will be determined from the closest month in which loads were scaled.

**VI. Estimated Volumes and Values** - The following volume estimates and calculations of value of timber sold are made solely as an administrative aid for determining payment amounts, when payments are due, the value of timber subject to any special bonding provisions, and other purposes specified in various portions of the contract. The cutting areas are shown on Exhibit A of the contract.

- A. **Merchantable Timber Volume Removed from Contract Area** - The total volume of removed timber shall be determined using the Government's records of scaled volumes of timber skidded or yarded monthly, or a shorter period if agreed to by the Purchaser and Government, to loading points or removed from the contract area.
- B. **Merchantable Timber Not Yet Removed from Contract Area** - The value of merchantable timber which has not been removed will be determined by multiplying the value per acre as shown below times the amount of acreage subject to the purpose of the value determination, as determined by the Authorized Officer:

<b>Total Estimated Purchase Price And/or Schedule of Volumes and Values for Merchantable Timber Not Yet Removed from Contract Area</b>					
<b>Cutting Area</b>		<b>Total Estimated Volume (MBF)</b>		<b>Total Estimated PRE-SALE Purchase Price</b>	
<b>Cutting Area Number</b>	<b>Approximate Number of Acres</b>	<b>Volume per Acre</b>	<b>Total Volume</b>	<b>Value per Acre</b>	<b>Total Value</b>
1	10	20	200	\$1,768.96	\$17,689.60
2	52	19.6	1,020	\$1,759.97	\$91,518.60
3	44	20	880	\$1,771.09	\$77,927.90
4	25	20	500	\$1,771.64	\$44,290.90
5	49	20	980	\$1,770.87	\$86,772.70
6	37	20	740	\$1,771.13	\$65,531.80
7	19	20	380	\$1,770.37	\$33,637.00
8	31	19.4	600	\$1,714.05	\$53,135.70
9	8	20	160	\$1,767.29	\$14,138.30
10	21	20	420	\$1,770.87	\$37,188.30
SM	1	20	20	\$1,876.00	\$1,876.00
Biomass	0	n/a	1 green ton	n/a	\$5.00
<b>Sale Total</b>	<b>297</b>		<b>5,900</b>		<b>\$523,711.80</b>

United States  
Department of the Interior  
Bureau of Land Management  
Northwest Oregon District

Timber Sale Contract  
Purchaser Road Maintenance Specifications

SECTION	SHEET	DESCRIPTION
	1	Table of Contents
3000	2-4	General
3100	4-6	Operational Maintenance
3200	6-7	Seasonal Maintenance
3300	7	Final Maintenance
3400	8	Other Maintenance
--	9-11	Culvert Detail Sheets

ROAD MAINTENANCE SPECIFICATIONS

GENERAL - 3000

- 3001 The Purchaser shall be required to maintain all roads listed and/or referenced in section 41, Special Provisions, and as shown on the Exhibit E map of this contract in accordance with Sections 3000, 3100, 3200, 3300 and 3400 of this exhibit. Also, a prework conference will be held prior to the start of any maintenance activities. The Purchaser shall request the conference at least 7 days prior to the time it is to be held. The conference will be attended by the Purchaser and/or his representative(s), subcontractor(s) and/or his or their representative(s) and the Authorized Officer
- 3002 The Purchaser shall maintain the cross section of existing dirt or graveled roads to the existing geometric standards. Any roads required to be constructed, improved, or renovated under the terms of this contract shall be maintained to the geometric standards required in Exhibit C of this contract.
- 3003 The minimum required maintenance on any roads shall include the provisions specified in Subsections 3101, 3104, and 3105.
- 3004 The Purchaser shall be responsible for providing timely maintenance and cleanup on any roads with logging units substantially completed, prior to moving operations to other roads, unless otherwise permitted by the Authorized Officer. The maximum length of non-maintained or non-cleanup of the road prism shall not exceed the sum of one (1) mile at any time. Release of maintenance requirements may be granted, upon written request, when the conditions specified in Sections 3300 and 3400 are met satisfactorily.
- 3005 Culvert work shall consist of furnishing and installing corrugated-polyethylene pipe culverts Type S (CPP), or Aluminized corrugated metal pipe (CMP) and other erosion control devices in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans. Individual lengths and locations are approximate; final lengths and locations will be determined by the Authorized Officer upon installation of the appurtenance structures. Additional pipe and erosion control devices may be required at the option of the Authorized Officer, in which case a reduction in the total purchase price shall be made to offset the cost of furnishing and installing such items. Costs will be based upon the unit prices set forth in the current BLM Timber Appraisal Production Cost Schedule.
- 3006 At culvert installation sites where riprap and surface aggregate currently exists, conserve the material for reuse as slope armor and for base material in the upper limits of the trench backfill.



GENERAL - 3000

- 3007 Grade culverts shall have a gradient of from 2 percent to 4 percent greater than the adjacent road grade and shall be skewed down grade 30 degrees as measured from the perpendicular to the centerline unless otherwise specified on the plans or by the Authorized Officer.
- 3008 Corrugated-polyethylene pipe for culverts 12-inch through 36-inch diameter shall meet the requirements of AASHTO M 294.
- 3009 Coupling bands shall conform to the requirements of AASHTO M 36 and AASHTO M 218 or AASHTO M 274 with the exception of band widths and the “Hugger”-type band which shall conform to the details, dimensions, and typical diagram shown on the plans.
- 3010 Pipe culverts shall be placed on the bed starting at the downstream end with the inside circumferential laps pointing downstream and with the longitudinal laps at the side or quarter points. Coupling bands of the type required under these specifications shall be installed so as to provide the circumferential and longitudinal strength necessary to preserve the pipe alignment, prevent separation of the pipe sections, and minimize infiltration of fill material.
- 3011 Pipe shall be unloaded and handled with reasonable care. If the Authorized Officer determines any structure is damaged to the extent that it is unsuitable for use in the road construction, it shall be replaced at the Purchaser's expense.
- 3012 Trenches necessary for the installation of pipe culverts shall conform to the lines, grades, dimensions and typical diagram shown on the plans and the Culvert Installation Detail Sheets.
- 3013 Where ledge rock, boulders, soft, or spongy soils are encountered, they shall be excavated a minimum of 12 inches below the invert grade for a width of at least one pipe diameter or span on each side of the pipe and shall be backfilled with selected granular or fine readily compactible soil material.
- 3014 Pipe culverts shall be bedded on 1 ½” or ¾” crushed rock bed in accordance with Section 1200 gradation and having at least a depth of 4 inches. Each layer of crushed rock material for base shall be placed, processed, shaped, moistened or dried to uniform moisture content suitable for maximum compaction, and compacted to full width by compaction equipment conforming to the requirements of Subsection 103f and 103i. Foundation material shall be of uniform density throughout the length of the structure and shall be shaped to fit the pipe

GENERAL - 3000

- 3015 Side-fill material for pipe culverts shall be placed within 1 pipe diameter, or a minimum of 2 feet, of the sides of the pipe barrel, and to 1 foot over the pipe with fine, readily compactible soil or granular fill material free of excess moisture, muck, frozen material, roots, sod, or other deleterious or caustic material and devoid of rocks or stones of sizes which may impinge upon and damage the pipe or otherwise interfere with proper compaction.
- 3016 Side-fill material shall be placed and compacted layers under the haunches of the pipe, and shall be brought up evenly and simultaneously on both sides of the pipe to 1 foot above the pipe, in layers not exceeding 8 inches in depth and 1 pipe diameter/span, or a minimum of 2 feet in width each side of, and adjacent to, the full length of the pipe barrel.
- 3017 The pipe culverts, after being bedded and backfilled, shall be protected by a 2 foot cover of fill before heavy equipment is permitted to cross the drainage structures. Removal of the protection fill shall be as directed by the Authorized Officer.
- 3018 Construction of catch basins and ditch dams conforming to lines, grades, dimensions and typical diagrams shown on the plans, shall be required for grade culverts.
- 3019 Remove and dispose of old culverts in a legal manner, and for any fees required. The Purchaser shall remove the old culverts from the work site prior to road acceptance.

OPERATIONAL MAINTENANCE - 3100

- 3101 The Purchaser shall blade and shape the road surface and shoulders with a motor grader. Banks shall not be undercut. Back blading with tractors or similar equipment will be allowed only around landings and other areas when approved by the Authorized Officer.
- 3102 The Purchaser shall furnish and place a minimum of 500 cubic yards of 1.5" aggregate, 150 cubic yards of 3" aggregate, and 50 cubic yards of Pit Run conforming to the requirements in Section 1000 of Exhibit C of this contract on the roadway and landings at locations and in the amounts designated by the Authorized Officer. The aggregate gradation and compacted depth will also be designated by the Authorized Officer. This aggregate shall be used to repair surface failures, landings and areas of depleted surface depth excluding damages covered by Section 12 of this contract. The aggregate shall be furnished, hauled, placed, spread, and compacted by use of dump trucks, water trucks, and motor grader or similar equipment.

OPERATIONAL MAINTENANCE - 3100

- 3103 The purchaser shall maintain established berms and place additional berms using adjacent material where needed to protect fills as directed by the Authorized Officer.
- 3104 The purchaser shall perform other road cleanup including removal of debris, fallen timber, bank slough, and slides which can practicably be accomplished by a motor grader, rubber tired front end bucket loader, rubber-tired backhoe or comparable equipment, and by the use of hand tools.
- 3104a Removal of bank slough and slide material includes placement of material at the nearest designated, suitable disposal site where material cannot erode into streams, lakes, or reservoirs or cause undue damage to road fill slopes which have been planted or mulched to control soil erosion as directed by the Authorized Officer.
- 3104b The Purchaser shall be responsible for removal of all slides or slough, up to fifteen station yards in quantity, at any one site. This work includes unlimited multiple sites on all roads required to be maintained by the Purchaser.
- Prior to removal of any slough or slide material exceeding fifteen station yards at any one site, the Purchaser and the Authorized Officer or their Authorized Representatives shall agree in writing, in the field, to the quantity of material, method of disposal, and the disposal site. Work may commence immediately after agreement.
- Upon completion of agreed upon work, a reduction in timber sale purchase price will be made to offset the cost of the work, based on current BLM Road Cost Guide. Adjustments in purchase price for completed work shall be made as necessary and no less than one per year when actual work is ongoing.
- 3105 The Purchaser shall be responsible for maintaining normal flow in drainage structures. This includes cleaning out drainage ditches, catch basins, clearing pipe inverts of sediment and other debris lodged in the barrel of the pipe, and maintaining water dips and water bars using equipment specified in Subsection 3104 and other culvert cleaning and flushing equipment.

OPERATIONAL MAINTENANCE - 3100

3106 The Purchaser shall be responsible for repair and replacement of all materials eroded from road shoulders and fill slopes, up to fifteen station yards in quantity, at any one site. This work includes unlimited multiple sites on all roads required to be maintained by the Purchaser. Prior to repair and replacement of eroded material exceeding fifteen station yards at any one site, the Purchaser and the Authorized Officer or their Authorized Representatives shall agree in writing, in the field, to the quantity of material, borrow source and method of repair. Work may commence immediately after agreement.

Upon completion of agreed upon work, a reduction in timber sale purchase price will be made to offset the cost of the work based upon current BLM Road Cost Guide. Adjustments in purchase price for completed work shall be made as necessary, and no less than once per year when actual work is ongoing.

3107 The Purchaser shall cut or trim trees and brush which obstructs vision or prevents the safe passage of traffic along the traveled way when directed by the Authorized Officer.

The Purchaser shall also cut trees or brush encroaching on the road prism that are a result of his activities or winter damage during the contract period. Disposal of such vegetative material shall be by scattering below the road.

3108 The Purchaser shall avoid fouling gravel or bituminous surfaces through covering with earth and debris from side ditches, slides or other sources. The Purchaser shall also avoid blading surfacing material off the running surface of the roadway. Skidding of logs on the roadway in or outside designated logging units is not authorized without prior written approval by the Authorized Officer. Repair required caused by such skidding activity is not considered maintenance and shall be repaired at the Purchaser's expense.

SEASONAL MAINTENANCE - 3200

3201 The Purchaser shall perform preventative maintenance at the end of Purchaser's hauling each season and during non-hauling periods which occur between other operations on the contract area. This includes requirements specified in Section 3100.

3202 The purchaser shall perform and complete maintenance specified in Sections 3000, 3100, and 3200 on all roads maintained by him, prior to October 31 each year, except as specified in Subsection 3203, after initial commencement of construction or logging operations. Thereafter, all roads shall have continuous preventive maintenance and road cleanup until suspension of seasonal operations. This includes all roads used and not used during the proceeding operating seasons.

SEASONAL MAINTENANCE - 3200

- 3203 The Purchaser shall complete road cleanup and maintenance, as specified in Section 3100, at the completion of logging operations on any roads located in an area separate from the area where logging activities will resume.
- 3204 The Purchaser shall be responsible for performing post storm inspections and maintenance during the winter season to minimize erosion and potential road or watershed damage.

FINAL MAINTENANCE - 3300

- 3301 The Purchaser shall complete final maintenance and/or damage repairs on all roads used under the terms of their contract within thirty (30) calendar days following the completion of hauling and in accordance with Sec. 16 (b) of this contract. This work shall include any maintenance and/or damage repairs specified in Sections 3000, 3100, and 3200 necessary to meet the conditions specified in Subsection 3002 and shall be executed in accordance with Subsection 3302 of this section.

The Authorized Officer may grant acceptance of Purchaser's maintenance responsibility in part where certain individual roads or road segments are no longer of any use to the Purchaser's remaining removal operations, providing that all contract requirements as specified under Sec. 16(b), Special Provisions, Sections 3000, 3100, 3200 and 3300 of the maintenance specifications have been completed and a relinquishment of cutting and removal rights on cutting units tributary to these roads is signed by the Purchaser. Request for partial acceptance must be submitted in writing by the Purchaser.

- 3302 The Purchaser shall perform final road maintenance only when weather or soil moisture conditions are suitable for normal maintenance equipment operations as determined by the Authorized Officer.

If final maintenance is delayed after the date required in Subsection 3301 of this contract by adverse soil moisture or unsuitable equipment operating conditions, the Purchaser will be notified by the Authorized Officer when soil moisture and equipment operating conditions are suitable. The Purchaser shall then be required to complete final maintenance within 30 days.

OTHER MAINTENANCE - 3400

3401 The Purchaser shall repair any damage to road surfaces that was specified under Subsection 3108. This repair includes restoring the roadway to the designed standard and replacement of surfacing with approved surface material. This repair is not limited to use of equipment specified in Subsection 3104.

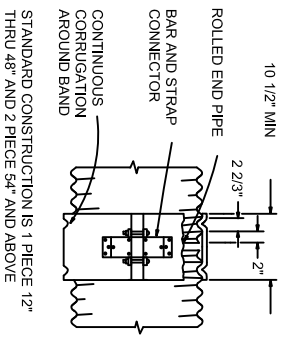
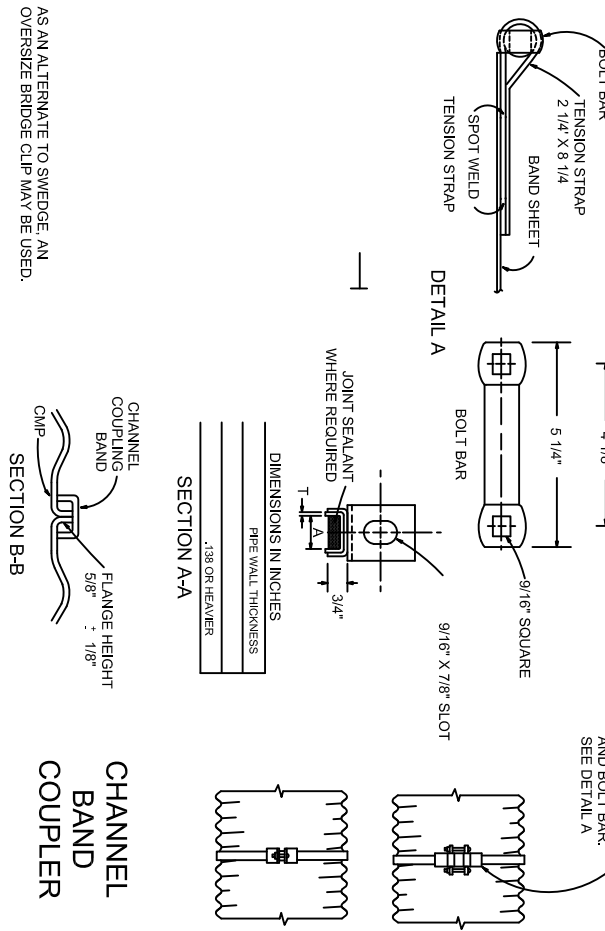
3402 The Purchaser shall be permitted to remove ice and snow from roads authorized for use under this contract only when prior written approval has been secured from the Authorized Officer. The Purchaser shall submit a written request for permission to remove ice and snow in advance of the date operations are to begin.

Upon receiving written authorization for ice or snow removal, the Purchaser will perform the work according to the conditions and equipment requirements set forth in the authorization.

# U.S. DEPARTMENT OF THE INTERIOR Bureau of Land Management Northwest Oregon District

EXHIBIT D  
Sale Name: Little Saddle DTR  
Contract No: ORN01-TS-2023.0101  
Sheet 9 of 11

NOTE:  
DESIGN VARIATIONS IN FASTENERS,  
(STRAPS, BARS & WELDS) WHICH  
PROVIDE A TENSILE STRENGTH OF  
7500 LBS. ARE PERMISSIBLE.



THE HUGGER COUPLER BAND OR AN APPROVED EQUIVALENT COUPLER BAND SHALL BE MADE OF THE SAME MATERIAL AND FINISH AS THE PIPES JOINED. THE COUPLER BANDS SHALL HAVE A MINIMUM WIDTH OF 10 1/2 INCHES AND MAY BE TWO NUMERICAL THICKNESSES LIGHTER THAN THE GAGE OR THICKNESS DESIGNATED FOR THE CONDUIT JOINED. THE BAND SHALL BE DESIGNED TO BE DRAWN TOGETHER WITH TWO 1/2 INCH BOLTS THROUGH USE OF A BAR AND STRAP SUITABLY WELDED TO THE BAND. THE BAND SHALL ENGAGE AND MESH WITH THE SECOND ANNULAR CORRUGATION INWARD FROM THE END OF EACH OF THE CONDUIT SECTIONS JOINED.

WHEN DESIGNATED ON THE PLANS OR ON THE SPECIAL PROVISIONS, GASKETS SHALL BE INSTALLED WHEN THE "HUGGER" TYPE, OR AN APPROVED EQUIVALENT COUPLER BAND IS INSTALLED ON SPILLWAY, OVERSIDE OR DOWN DRAINS.

CULVERT SIZE INCHES	STANDARD COUPLER BANDS									
	CORRUGATED		HELIICAL		3" X 1"		6" X 1"		FLAT-DIMPLED	
STD. ANNULAR	NO. OF BOLTS	WIDTH	NO. OF BOLTS	WIDTH	NO. OF BOLTS	WIDTH	NO. OF BOLTS	WIDTH	NO. OF DIMPLES	NO. OF BOLTS
UNDER 18	7	2	7	2	10 1/2	2	10 1/2	2	2	2
18 TO 54	12	3	12	3	14	3	18	3	10 1/2	2
OVER 54	24	5	24	5	24	5	24	4	16 1/2	4

DATA IN THIS BLOCK DOES NOT APPLY TO PERFORATED PIPE UNDERDRAIN. FOR BANDS WITH "PUNCH-OUT" TYPE CONNECTIONS, 2 BOLTS ARE PERMISSIBLE FOR EACH LAP. BANDS SHALL LAP 1/2 WIDTH ON TO EACH SECTION OF PIPE AND MUST FULLY ENCLOSE THE JOINT FORMING A NEARLY WATER-TIGHT CONNECTION.

## "HUGGER" COUPLER BANDS

- ⓐ BANDS WITH ANGLES
- ⓑ BANDS WITH TENSION TYPE CONNECTIONS

ALWAYS THINK SAFETY

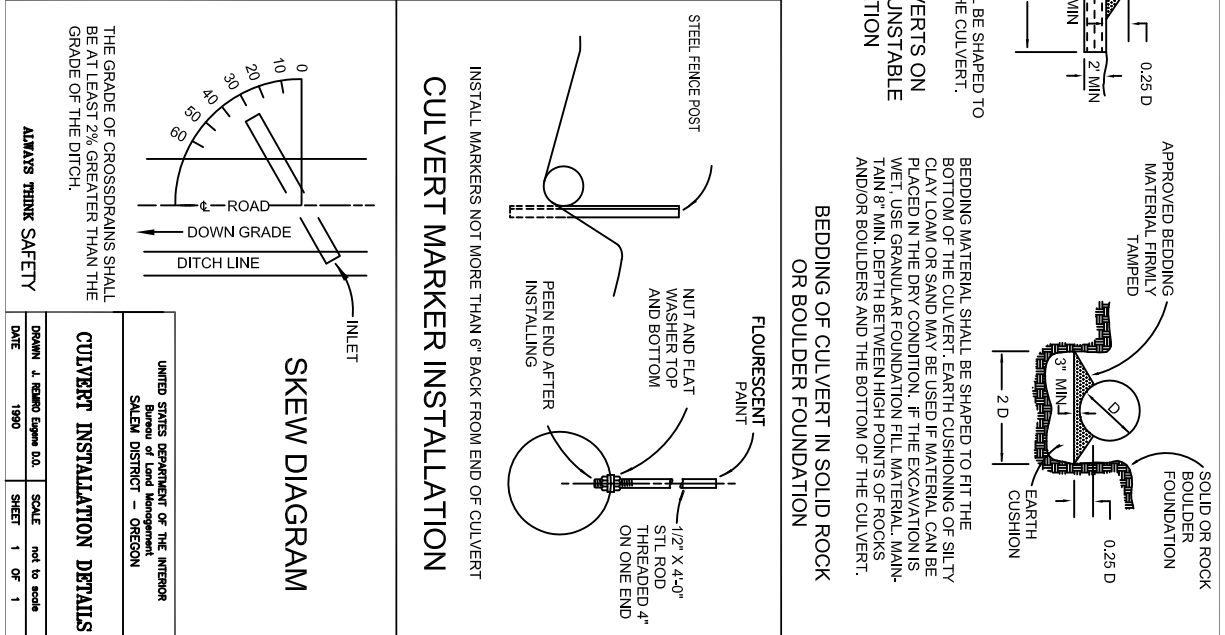
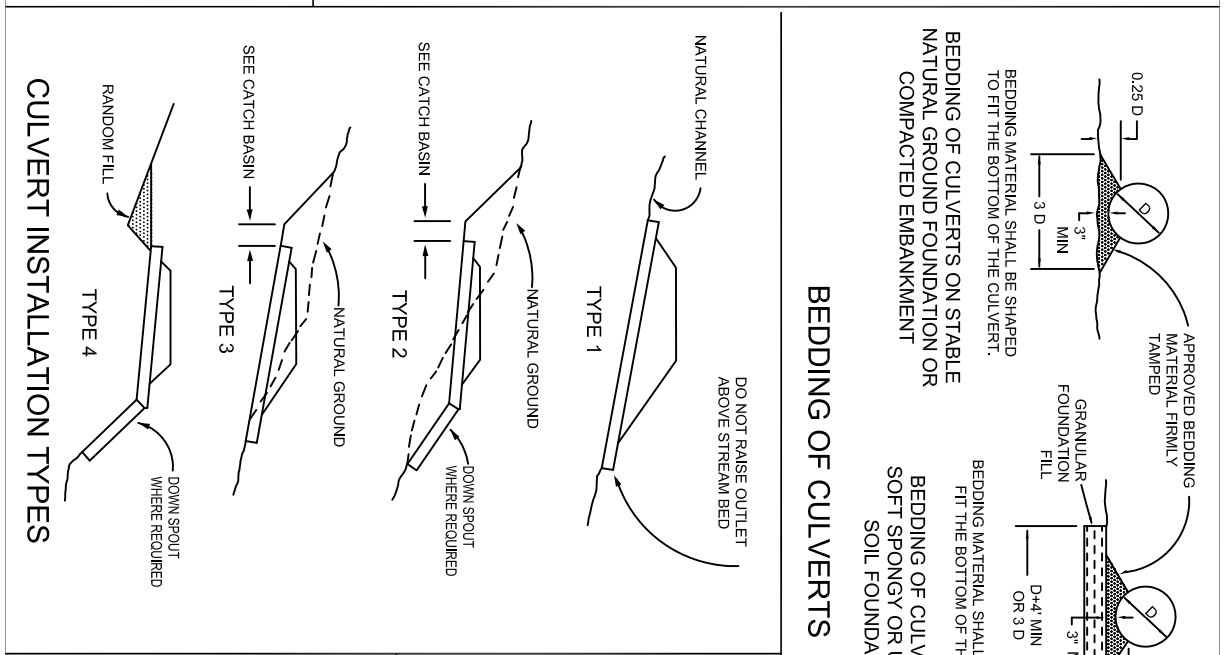
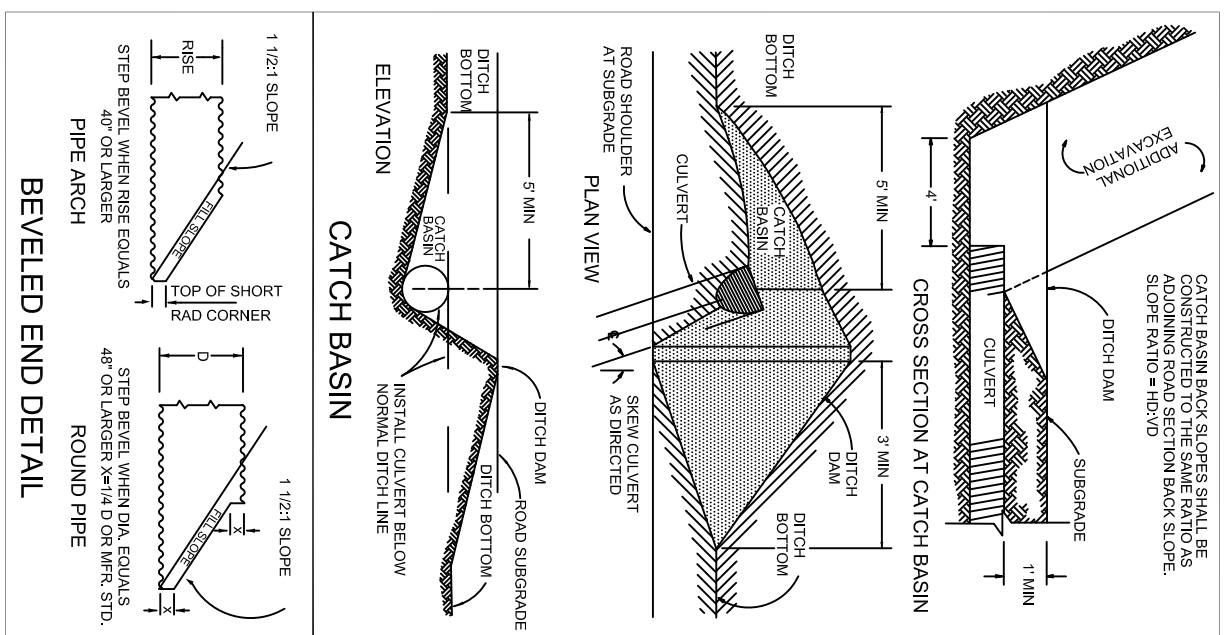
UNITED STATES DEPARTMENT OF THE INTERIOR Bureau of Land Management SALEM DISTRICT - OREGON	
<b>CULVERT BAND DETAILS</b>	
DRAWN & REVISION ENGINEER D.O.	SCALE not to scale
DATE 1990	SHEET 1 OF 1

# U.S. DEPARTMENT OF THE INTERIOR

## Bureau of Land Management

### Northwest Oregon District

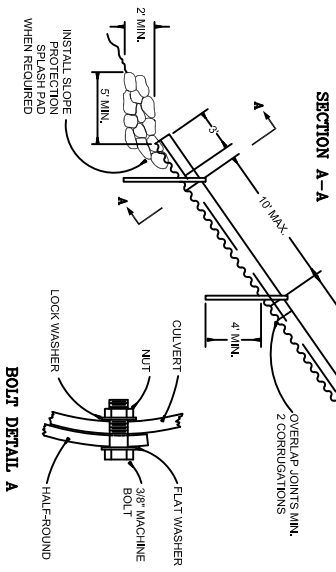
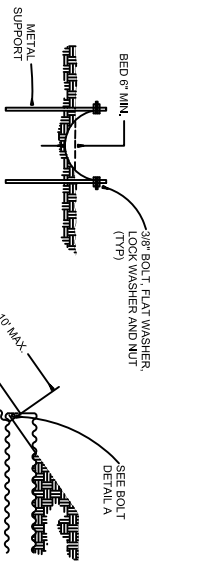
EXHIBIT D  
 Sale Name: Little Saddle DTR  
 Contract No: ORN01-TS-2023.0101  
 Sheet 10 of 11





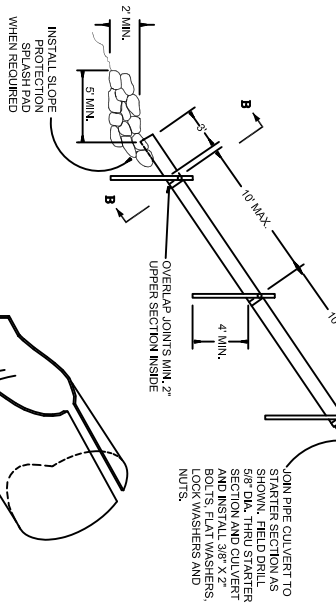
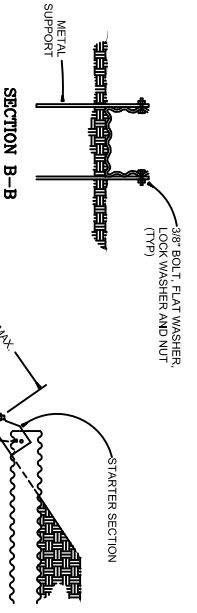
# U.S. DEPARTMENT OF THE INTERIOR Bureau of Land Management Northwest Oregon District

EXHIBIT D  
Sale Name: Little Saddle DTR  
Contract No: ORN01-TS-2023.0101  
Sheet 11 of 11



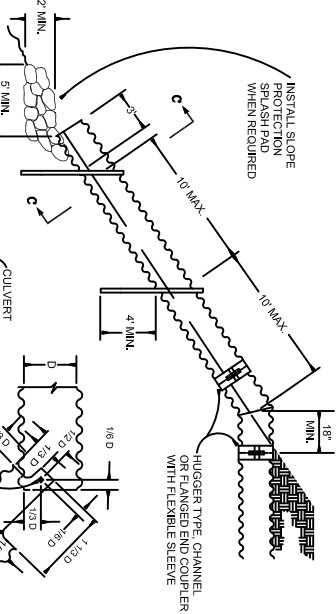
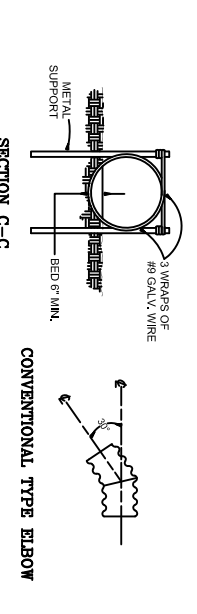
**HALF ROUND DOWNSPOUT**

- NOTE:**
1. THE HALF ROUND SHALL BE ONE DIAMETER SIZE LARGER AND OF THE SAME MATERIAL AND COATING AS THE CULVERT IT IS ATTACHED TO.
  2. THE HALF ROUND SHALL BE FABRICATED FROM 16 GAUGE METAL WITH 2 2/3\" X 1/2\" CORRUGATIONS.
  3. SUPPORTS MAY BE STEEL BAR, ANGLE IRON OR APPROVED EQUIVALENT METAL POSTS.



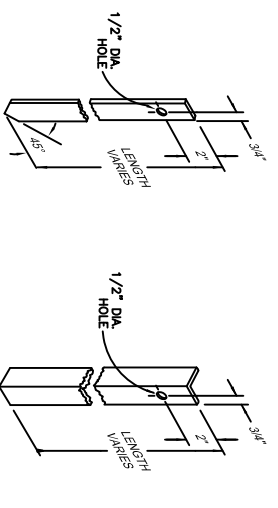
**RECTANGULAR FLUME**

- NOTE:**
1. THE FLUME SHALL BE FABRICATED FROM 16 GAUGE CULVERT STOCK WITH 2 2/3\" X 1/2\" CORRUGATIONS.
  2. THE STARTER SECTION SHALL BE FABRICATED FROM 16 GAUGE NON-CORRUGATE CULVERT STOCK
  3. ADJUSTABLE WIDTH FLUMES ARE AVAILABLE FOR APPLICATIONS OVER 24\" WIDE. INSTALL ACCORDING TO MANUFACTURER.
  4. SUPPORTS MAY BE STEEL BAR, ANGLE IRON OR APPROVED EQUIVALENT POSTS.

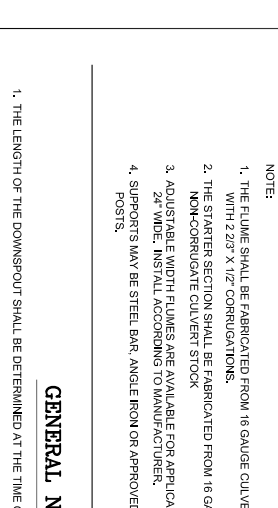


**FULL ROUND DOWNSPOUT**

- NOTE:**
1. THE ELBOW AND SPILLWAY SECTION SHALL BE OF THE SAME DIAMETER, MATERIAL AND COATING AS THE CULVERT IT IS ATTACHED TO.
  2. THE SPILLWAY SECTION SHALL BE FABRICATED FROM 16 GAUGE METAL WITH 1 2/3\" X 1/2\" CORRUGATIONS.
  3. SUPPORTS MAY BE COMMERCIAL STEEL FENCE POSTS, STEEL BAR, ANGLE IRON OR APPROVED EQUIVALENT METAL POSTS.
  4. CONNECTION BETWEEN HELICALLY CORRUGATED AND ANNULAR PIPE SHALL REQUIRE A SPECIAL ADAPTER COUPLING BAND.



**1 1/2\" X 1/4\"  
STEEL BAR SUPPORT**



**1 1/2\" X 1 1/2\" X 1/4\"  
ANGLE IRON SUPPORT**

**METAL SUPPORT DETAIL**

**GENERAL NOTES**

1. THE LENGTH OF THE DOWNSPOUT SHALL BE DETERMINED AT THE TIME OF INSTALLATION.
2. FABRICATION AND INSTALLATION OF ALL GALVANIZED STEEL DOWNSPOUTS SHALL CONFORM TO AASHTO M36, M218; ALUMINUM ALLOY TO AASHTO M196; ALUMINIZED TYPE II TO AASHTO 36, M196.
3. ALL STEEL NUTS, BOLTS AND WASHERS SHALL BE GALVANIZED, (ASTM A307, A193)
4. SLOPE PROTECTION SPLASH PADS WHEN REQUIRED SHALL BE A MIN. 2 FT. WIDE X 5 FT. LONG X 2 FT. DEEP. INDIVIDUAL ROCKS SHALL BE 10\" - 14\" IN. SIZE.

**DOWNSPOUT INSTALLATION DETAILS**

DESIGNED BY <b>REMO EGGERS D.D.</b>	SCALE <b>not to scale</b>
DATE <b>1990</b>	SHEET <b>1</b> OF <b>1</b>

UNITED STATES DEPARTMENT OF THE INTERIOR  
Bureau of Land Management  
SALEM DISTRICT - OREGON

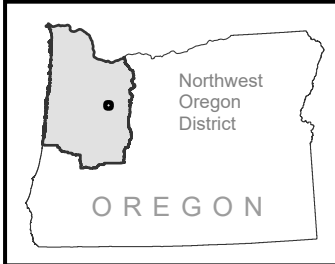
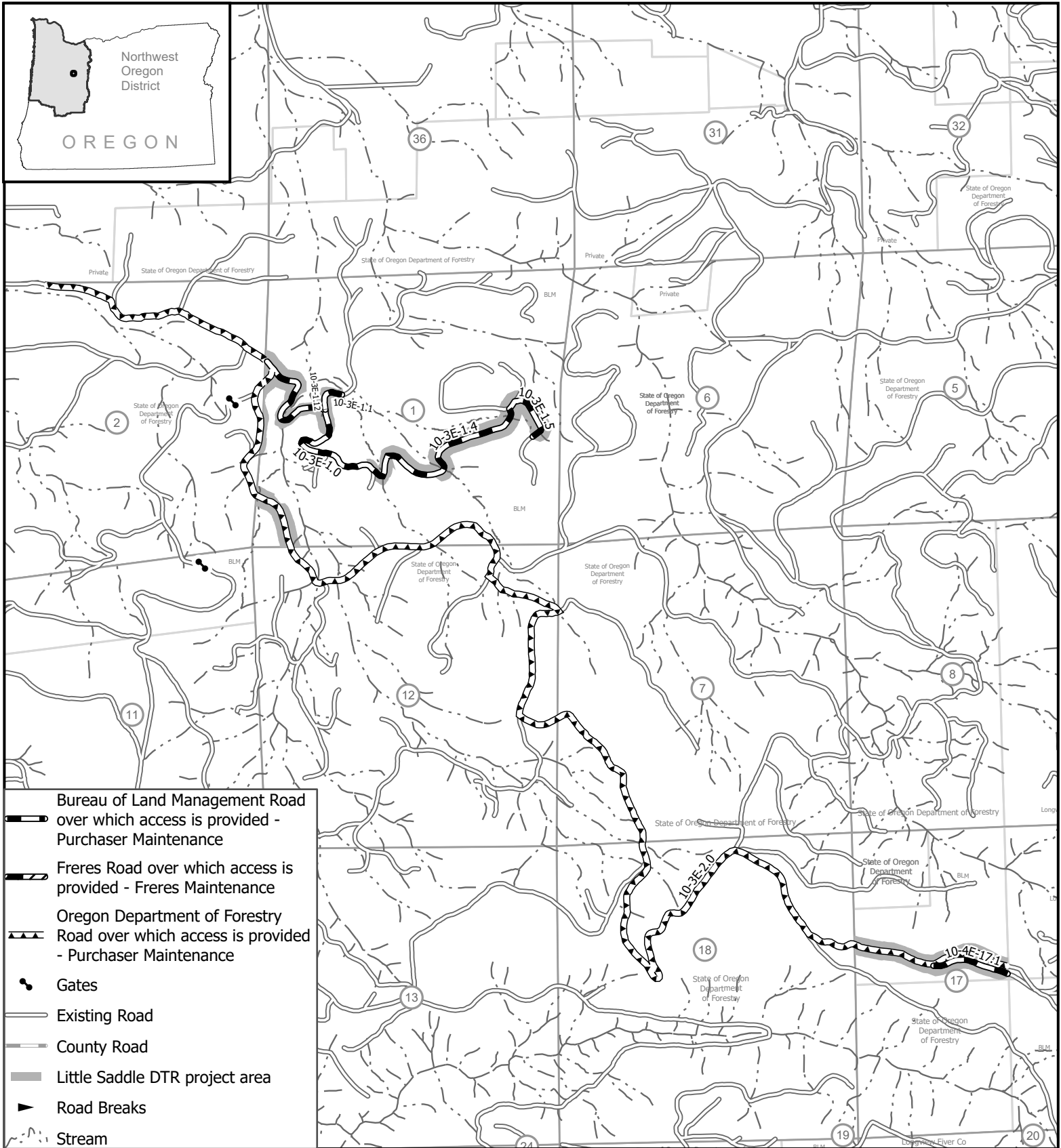
**ALWAYS THINK SAFETY**



UNITED STATES DEPARTMENT OF THE INTERIOR  
Bureau of Land Management

Little Saddle DTR  
ORN01-TS-2023.0101  
**EXHIBIT E**

T. 9 S., R. 2 E., Section 1; T. 9 S., R. 3 E., Sections 7, 25; T. 9 S., R. 4 E., Sections 19, 29;  
T. 10 S., R. 3 E., Section 1; T. 10 S., R. 4 E., Section 17W.M.



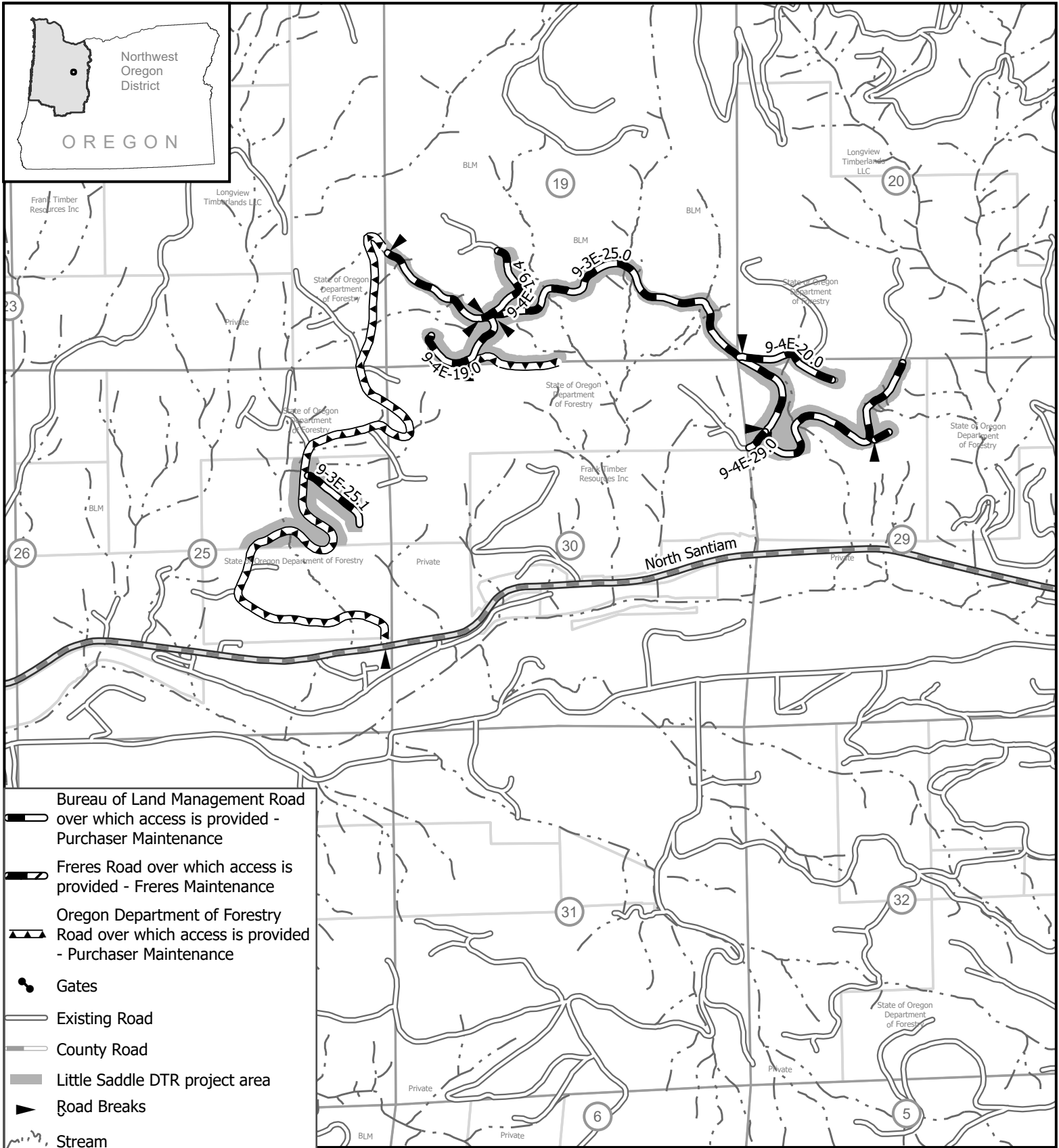
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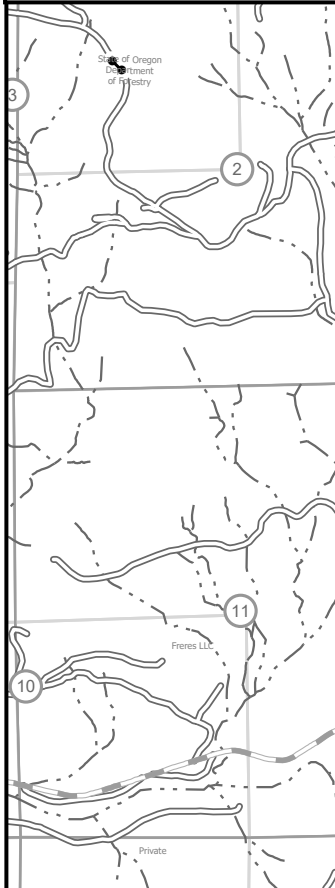
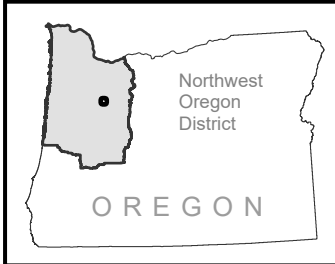
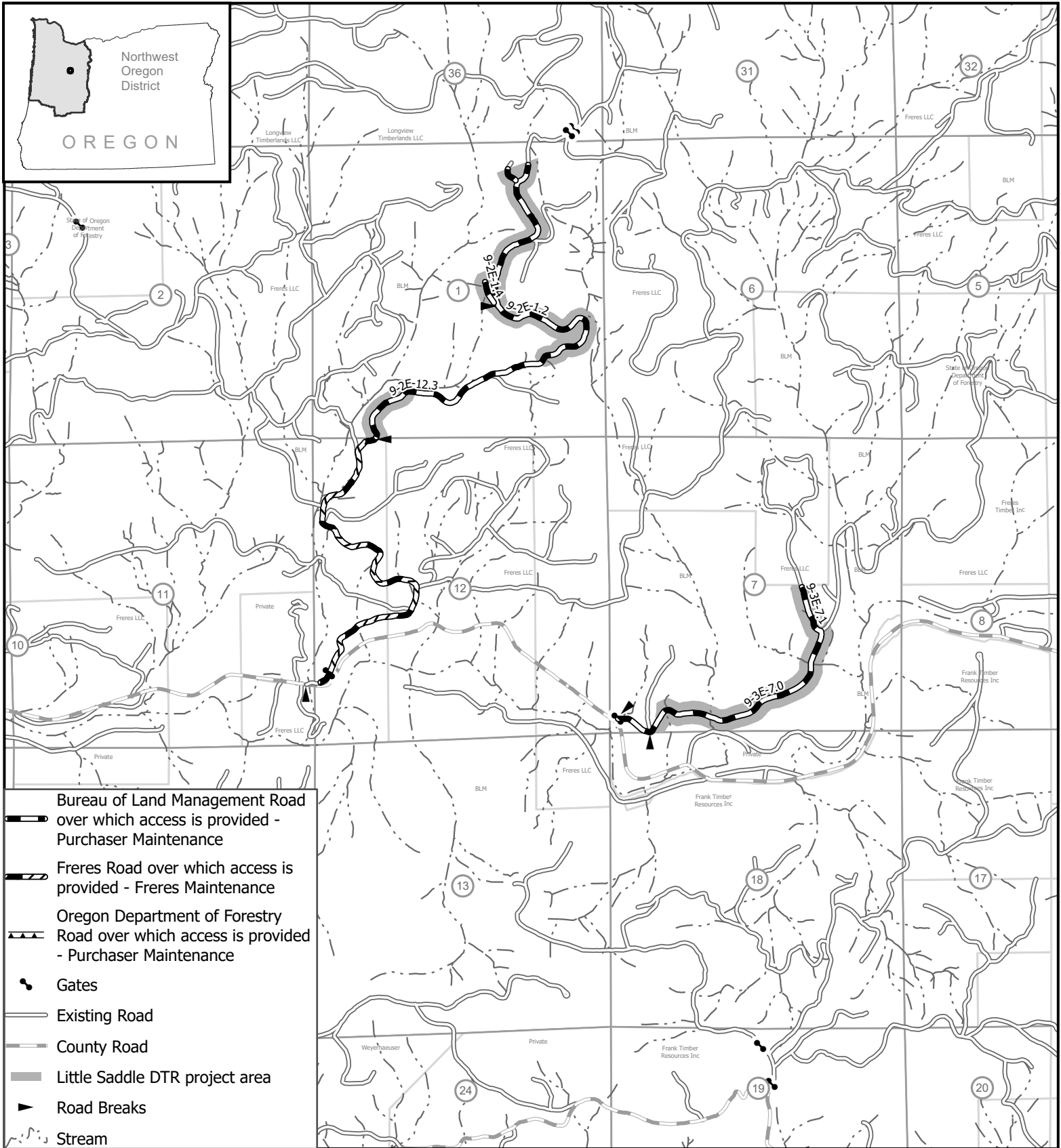
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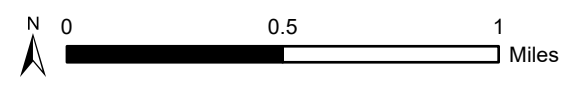
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- Bureau of Land Management Road over which access is provided - Purchaser Maintenance
- Freres Road over which access is provided - Freres Maintenance
- Oregon Department of Forestry Road over which access is provided - Purchaser Maintenance
- Gates
- Existing Road
- County Road
- Little Saddle DTR project area
- Road Breaks
- Stream



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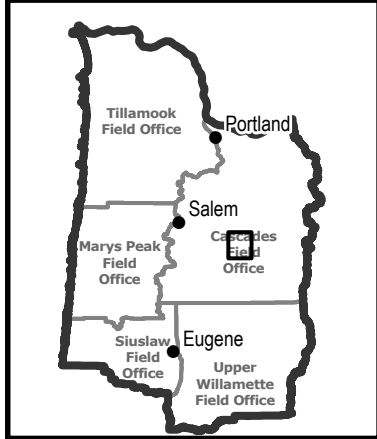
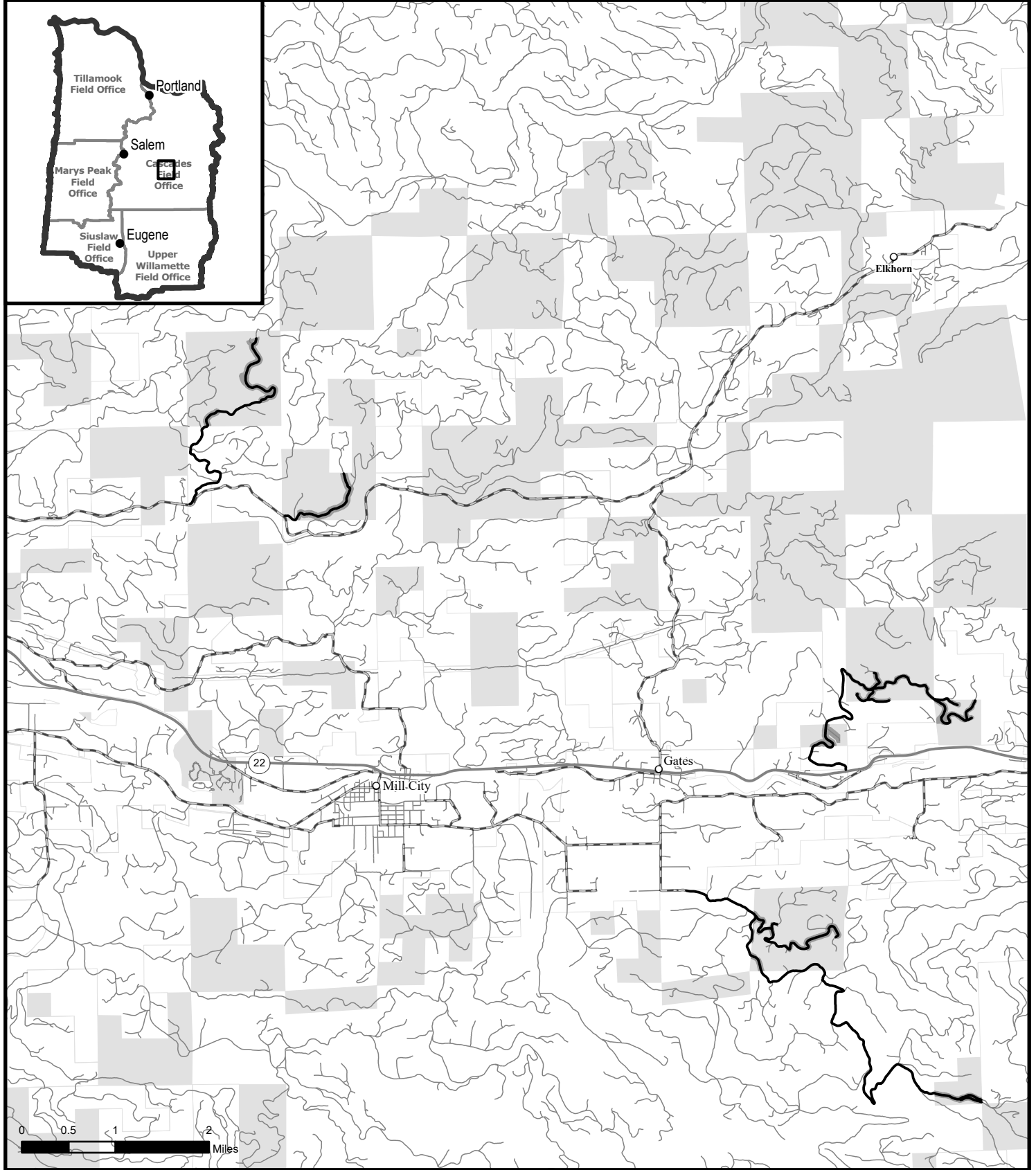
Little Saddle DTR Vicinity Map

T. 9 S., R. 2 E., Section 1; T. 9 S., R. 3 E., Sections 7, 25; T. 9 S., R. 4 E., Sections 19, 29;  
T. 10 S., R. 3 E., Section 1; T. 10 S., R. 4 E., Section 17 W.M.

NORTHWEST OREGON DISTRICT



9/19/2022



- City, Town, or Community
- State Highway
- County Road
- Existing Road
- Bureau of Land Management
- Private/Unknown
- Little Saddle DTR project area

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**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
Bureau of Land Management**

District:  
Sale Number:  
Sale Name: Little Saddle DTR (new 09/22/2022)

**Stumpage Computation**

Species	Pond Value	Logging Costs (-)	Profit & Risk (-)	Marg. Logs (+)	Stumpage
DF	\$544.73	\$377.16	\$59.92	\$0.00	\$107.65
WH	\$268.90	\$377.16	\$29.58	\$0.00	(\$137.84)
WRC	\$680.00	\$377.16	\$74.80	\$0.00	\$228.04
0	\$0.00	\$377.16	\$0.00	\$0.00	(\$377.16)
0	\$0.00	\$377.16	\$0.00	\$0.00	(\$377.16)
0	\$0.00	\$377.16	\$0.00	\$0.00	(\$377.16)
0	\$0.00	\$377.16	\$0.00	\$0.00	(\$377.16)
0	\$0.00	\$377.16	\$0.00	\$0.00	(\$377.16)

**Appraised Price Summary**

Species	Volume	Unrounded Stumpage & Value		Adjusted Appraised Price	
		\$/M	Value	\$/M	Value
DF	5,432.0	\$107.65	\$584,754.80	\$93.80	\$509,521.60
WH	458.0	(\$137.84)	(\$63,130.72)	\$26.90	\$12,320.20
WRC	10.0	\$228.04	\$2,280.40	\$186.50	\$1,865.00
0	0.0	(\$377.16)	\$0.00	\$0.00	\$0.00
0	0.0	(\$377.16)	\$0.00	\$0.00	\$0.00
0	0.0	(\$377.16)	\$0.00	\$0.00	\$0.00
0	0.0	(\$377.16)	\$0.00	\$0.00	\$0.00
0	0.0	(\$377.16)	\$0.00	\$0.00	\$0.00
<b>TOTALS</b>	<b>5,900.0</b>				<b>\$523,706.80</b>

*Surplus species stumpage has been reduced to compensate for species stumpage below minimum price policy (10% of pond value).*

Approved by: Ben W. Brandy 09-22-2022

Legal Description of Contract Area

Land Status	County	Township	Range	Section	Subdivision	Meridian
O&C	Marion	9S	2E	1	Lot 1, Lot2, NE1/4, S1/2 SW1/4	Willamette
O&C	Marion	9S	3E	7	Lot 4, S1/2 SW1/4, N1/2 SE1/4, SW1/4 SE1/4	Willamette
O&C	Marion	9S	3E	25	S1/2 NE1/4	Willamette
O&C	Marion	9S	4E	19	Lot 3, Lot 4, SW1/4, W1/2 SE1/4,SE1/4 SE1/4	Willamette
O&C	Marion	9S	4E	29	Lot 1, Lot 2, Lot 3, Lot 4, N1/2 NW1/4, SW1/4 NW1/4	Willamette
O&C	Linn	10S	3E	1	S1/2 NW1/4, SW1/4, N1/2 SE1/4, SW1/4 SE1/4	Willamette
O&C	Linn	10S	4E	17	S1/2 NW1/4	Willamette

Species Totals

Species	Net	Gross Merch	Gross	# of Merch Logs	# of Cull Logs	# of Trees
Douglas Fir	5,432.0	6,812.0	6,926.0	80,468	829	19,606
Western Hemlock	458.0	568.0	579.0	9,657	0	3,285
Western Redcedar	10.0	12.0	13.0	341	43	215
<b>Totals</b>	<b>5,900.0</b>	<b>7,392.0</b>	<b>7,518.0</b>	<b>90,466</b>	<b>872</b>	<b>23,106</b>

Cutting Area Acres

Regeneration Harvest Acres	Partial Cut Acres	Right of Way Acres	Total Acres	Net Volume per Acre
297.0	0.0	0.0	297.0	19.9

Comments:

Western hemlock appraised below 10% of pond value. Deficit value was applied to Douglas-fir and Western Redcedar with a reduced stumpage price to reflect the loss value in WH. This adjustment was done on a spreadsheet titled Deficit Surplus Spreadsheet which is the new advertised stumpage sheet to be applied to the contract..

**Logging Costs**

Stump to Truck	\$1,566,743.92
Transportation	\$532,224.00
Road Construction	\$0.00
Maintenance/Rockwear	\$7,014.97
Road Use	\$2,120.00
Other Allowances	\$117,117.53
<b>Total:</b>	<b>\$2,225,220.42</b>
<b>Total Logging Cost per MBF:</b>	<b>\$377.16</b>

**Utilization Centers**

<u>Location</u>	<u>Distance</u>	<u>% of Net Volume</u>
Salem OR	60.0 miles	100 %

**Profit & Risk**

Profit	8 %
Risk	3 %
<b>Total Profit &amp; Risk</b>	<b>11 %</b>

**Tract Features**

<b>Quadratic Mean DBH</b>	16.4 in
<b>Average GM Log</b>	80 bf
<b>Average Volume per Acre</b>	19.9 mbf
<b>Recovery</b>	78 %
<b><u>Net MBF volume:</u></b>	
<b>Green</b>	0.0 mbf
<b>Salvage</b>	5,900 mbf
<b>Export</b>	0 mbf
<b><u>Ground Base Logging:</u></b>	
<b>Percent of Sale Volume</b>	62 %
<b>Average Yarding Slope</b>	30 %
<b>Average Yarding Distance</b>	75 ft
<b><u>Cable Logging:</u></b>	
<b>Percent of Sale Volume</b>	38 %
<b>Average Yarding Slope</b>	40 %
<b>Average Yarding Distance</b>	75 ft
<b><u>Aerial Logging:</u></b>	
<b>Percent of Sale Volume</b>	0 %
<b>Average Yarding Slope</b>	0 %
<b>Average Yarding Distance</b>	0 ft

**Cruise**

<b>Cruise Completed</b>	July 2022
<b>Cruised By</b>	Brian Barclay
<b>Cruise Method</b>	Ocular estimation of volume combined with Variable Plot cruise used for volume determination.



**Stumpage Computation**

Species	# of Trees	Net Volume	Pond Value	(-) Profit & Risk	(-) Logging Costs	(+) Marginal Log Value	Appraised Price/MBF	Appraised Value
Douglas Fir	19,606	5,432.0	\$544.73	\$59.92	\$377.16	\$0.00	\$107.70	\$585,026.40
Western Hemlock	3,285	458.0	\$268.90	\$29.58	\$377.16	\$0.00	\$26.90 *	\$12,320.20
Western Redcedar	215	10.0	\$680.00	\$74.80	\$377.16	\$0.00	\$228.00	\$2,280.00
<b>Totals</b>	<b>23,106</b>	<b>5,900.0</b>						<b>\$599,626.60</b>

\* Minimum Stumpage values were used to compute the Appraised Price/MBF (10% of Pond Value)

**Other Wood Products**

Product	Unit of Measure	# of Units	\$/Unit	Appraised Value
Biomass	Green Tons	1	\$5.00	\$5.00
<b>Totals</b>				<b>\$5.00</b>

**Total Appraised Value: \$599,631.60**

**Percent of Volume By Log Grade**

Species	No. 1 & 2 Peeler	No. 3 Peeler	Special Mill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	Camp Run
Douglas Fir				77.0 %	18.0 %	5.0 %	

Species	Peeler	No. 1 Sawmill	Special Mill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	Camp Run
Western Hemlock				59.0 %	28.0 %	13.0 %	

Species	No. 1 Sawmill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill			Camp Run
Western Redcedar							100.0 %

**Unit: 1**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	184.0	230.0	234.0	664
Western Hemlock	16.0	20.0	21.0	114
<b>Totals:</b>	<b>200.0</b>	<b>250.0</b>	<b>255.0</b>	<b>778</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	10.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>10.0</b>

**Unit: 2**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	934.0	1,172.0	1,191.0	3,372
Western Hemlock	76.0	94.0	96.0	545
Western Redcedar	10.0	12.0	13.0	215
<b>Totals:</b>	<b>1,020.0</b>	<b>1,278.0</b>	<b>1,300.0</b>	<b>4,132</b>

**Net Volume/Acre: 19.6 MBF**

Regeneration Harvest	52.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>52.0</b>

**Unit: 3**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	811.0	1,017.0	1,034.0	2,927
Western Hemlock	69.0	86.0	87.0	495
<b>Totals:</b>	<b>880.0</b>	<b>1,103.0</b>	<b>1,121.0</b>	<b>3,422</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	44.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>44.0</b>

**Unit: 4**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	461.0	578.0	588.0	1,664
Western Hemlock	39.0	48.0	49.0	280
<b>Totals:</b>	<b>500.0</b>	<b>626.0</b>	<b>637.0</b>	<b>1,944</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	25.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>25.0</b>

**Unit: 5**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	903.0	1,133.0	1,152.0	3,259
Western Hemlock	77.0	96.0	97.0	553
<b>Totals:</b>	<b>980.0</b>	<b>1,229.0</b>	<b>1,249.0</b>	<b>3,812</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	49.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>49.0</b>

**Unit: 6**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	682.0	855.0	870.0	2,462
Western Hemlock	58.0	72.0	73.0	416
<b>Totals:</b>	<b>740.0</b>	<b>927.0</b>	<b>943.0</b>	<b>2,878</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	37.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>37.0</b>

**Unit: 7**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	350.0	439.0	446.0	1,263
Western Hemlock	30.0	37.0	38.0	215
<b>Totals:</b>	<b>380.0</b>	<b>476.0</b>	<b>484.0</b>	<b>1,478</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	19.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>19.0</b>

**Unit: 8**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	553.0	694.0	705.0	1,996
Western Hemlock	47.0	58.0	59.0	337
<b>Totals:</b>	<b>600.0</b>	<b>752.0</b>	<b>764.0</b>	<b>2,333</b>

**Net Volume/Acre: 19.4 MBF**

Regeneration Harvest	31.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>31.0</b>

**Unit: 9**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	147.0	184.0	187.0	530
Western Hemlock	13.0	16.0	17.0	93
<b>Totals:</b>	<b>160.0</b>	<b>200.0</b>	<b>204.0</b>	<b>623</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	8.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>8.0</b>

**Unit: 10**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	387.0	485.0	493.0	1,397
Western Hemlock	33.0	41.0	42.0	237
<b>Totals:</b>	<b>420.0</b>	<b>526.0</b>	<b>535.0</b>	<b>1,634</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	21.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>21.0</b>

**Unit: SM**

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	20.0	25.0	26.0	72
<b>Totals:</b>	<b>20.0</b>	<b>25.0</b>	<b>26.0</b>	<b>72</b>

**Net Volume/Acre: 20.0 MBF**

Regeneration Harvest	1.0
Partial Cut	0.0
Right of Way	0.0
<b>Total Acres:</b>	<b>1.0</b>

Total Stump To Truck	Net Volume	\$/MBF
\$1,566,743.92	5,900.0	\$265.55

**Stump to Truck: Falling, Bucking, Yarding, & Loading**

Yarding System	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Yoder	GM MBF	2,808.0	\$267.67	\$751,617.36	3.5 loads per day, 5 MBF per load
Shovel	GM MBF	4,584.0	\$177.34	\$812,926.56	4.5 loads per day, 5 MBF per load
<b>Subtotal</b>				<b>\$1,564,543.92</b>	

**Additional Costs**

Item	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Cut and deck State trees	trees	30.0	\$20.00	\$600.00	
<b>Subtotal</b>				<b>\$600.00</b>	

**Additional Moves**

Equipment	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Yoder	Each	1.0	\$800.00	\$800.00	Additional Move In due to Sale being scattered in multiple sections, and hauling equipment along paved road
Shovel	Each	1.0	\$800.00	\$800.00	Additional Move In due to Sale being scattered in multiple sections, and hauling equipment along paved road
<b>Subtotal</b>				<b>\$1,600.00</b>	

**Comments:**

Fuel at \$4.79 per gallon

Additional cost for cutting and decking State of Oregon Dept. of Forestry trees

Total	Net Volume	\$/MBF
\$532,224.00	5,900.0	\$90.21

Utilization Center	One Way Mileage	Description	Unit of Measure	# of Units	\$/Unit of Measure	Total Cost	% of Sale Volume
Salem OR	60.0	Saw Logs	GM MBF	7,392.0	\$72.00	\$532,224.00	100 %

**Comments:**

Used medium haul rate of \$72. (\$120/Hour, 51-60 miles @ 3 Hours round trip, 5 MBF /Load)

**Engineering Allowances**

Total	Net Volume	\$/MBF
\$9,134.97	5,900.0	\$1.55

Cost Item	Total Cost
Road Construction:	\$0.00
Road Maintenance/Rockwear:	\$7,014.97
Road Use Fees:	\$2,120.00

Total	Net Volume	\$/MBF
\$117,117.53	5,900.0	\$19.85

**Environmental Protection**

Cost item	Total Cost
Grass Seed	\$300.00
Grass Seed spreading	\$280.00
Equipment Washing	\$400.00
<b>Subtotal</b>	<b>\$980.00</b>

**Road Construction, Maintenance, Use, & Decommissioning**

Cost item	Total Cost
Purchaser Maint.	\$82,662.53
<b>Subtotal</b>	<b>\$82,662.53</b>

**Slash Disposal & Site Prep**

Cost item	Total Cost
Lop and Scatter	\$4,600.00
Machine pile construction, cover, Burn	\$28,875.00
<b>Subtotal</b>	<b>\$33,475.00</b>