



PROSPECTUS



United States Department of the Interior
BUREAU OF LAND MANAGEMENT
Springfield Interagency Office, Northwest Oregon District
3106 Pierce Parkway, Suite E, Springfield, Oregon 97477
<http://www.blm.gov>

February 26, 2025

Parcel No. 1
Contract No. ORN03-TS-2025.0371
Siuslaw Field Office

Electric Crossing

TIMBER SALE NOTICE

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 their representative, at the **NORTHWEST OREGON DISTRICT'S SPRINGFIELD INTERAGENCY OFFICE, 3106 PIERCE PARKWAY, SPRINGFIELD, OREGON**. The timber sale will commence at 10:00 a.m. on Thursday, **March 27, 2025**.

THIS TIMBER SALE NOTICE 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. Website Address: <https://www.blm.gov/or/resources/forests/index.php>.

A WRITTEN BID on Form 5440-9 at not less than the appraised price on a unit basis per species and the required minimum bid deposit shall be required to participate in oral bidding for each tract. Please use Form 5450-22 Cash Bid Bond when submitting a bid deposit for cash, money order, cashier's check, certified check, and bank draft. If your business will be using a corporate surety as your bid deposit, please use Form 1822-3 Bid Bond.

THE SUCCESSFUL BIDDER, as a condition of award, will be required to complete and/or sign the following forms. These forms should be submitted with the written bids to expedite this procedure:

1. Form 5430-11, a certification that the bid was arrived at by the bidder or offerer independently, and was tendered without collusion with any other bidder or offerer.
2. Form 5450-17, Export Determination.

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, not responsible or refuses to respond within 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.

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, but the amount of the bond shall not be in excess of \$500,000, except when the Purchaser opts to increase the minimum bond as provided in 43 CFR 5451.2. A minimum performance bond of not less than \$500 will be required for all installment contracts less than \$2,500.

INSTALLMENT PAYMENTS may be authorized for sales of \$500 or more. Required installments will be determined by BLM. For sales under \$500,000, installments will not be less than 10% of the total purchase price. For sales of \$500,000 or more, installment payments shall be \$50,000.

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 5424, 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.

SPECIAL PROVISIONS. 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 stay or remedy issued by the Interior Board of Land Appeals or a court order, or; (3) Protect species which were identified for protection in accordance with management direction established in the ROD and RMP.

ADDITIONAL INFORMATION concerning each timber sale tract described herein is available at the Springfield Interagency Office. A copy of the timber sale contract is also available for inspection at the Springfield Interagency Office. This 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's Springfield Interagency Office at (541) 683-6776.

THE VOLUMES LISTED herein are estimates only, 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 total purchase price, without regard to the amount bid per unit, even though quantity of timber actually cut or removed or designated for taking is more or less than the estimated volume or quantity so listed.

AN ENVIRONMENTAL ANALYSIS (EA) was prepared for the N126 LSR Landscape Project, which includes the Electric Crossing sale area. A Finding of No Significant Impact and Decision Record for the EA have been documented. A Determination of NEPA Adequacy (DNA) has been documented for this sale. These documents are available for inspection as background for this sale at the Northwest Oregon District's Springfield Interagency Office.

ACCESS to a sale may be through a locked gate (see individual sale information). Prospective bidders may obtain a key from the Northwest Oregon District's Springfield Interagency Office. Any other persons interested in visiting the timber sale site should first contact Joe Lynch at (541) 683-6739.

Attachments:

- Form 5440-9
- Form 5430-11
- Form 5450-17
- Form 5450-22

NORTHWEST OREGON DISTRICT		TIMBER SALE NOTICE LUMP SUM EUGENE MASTER UNIT		PARCEL NO.: 1	
SIUSLAW FIELD OFFICE				SALE DATE: March 27, 2025	
Contract No.: ORN03-TS25.0371 Electric Crossing					
Lane County, Oregon: O&C and PD: Oral Auction				Bid Deposit Required: \$101,400.00	
All timber designated for cutting on		Lots 3,4,5 and 6, SW1/4NE1/4, NW1/4, N1/2SW1/4, SE1/4SW1/4, W1/2SE1/4, Section 25, T. 15 S., R. 7 W; SE1/4NE1/4, Section 26, T. 15 S., R. 7 W; Lot 2, SE1/4NE1/4, SE1/4NW1/4, NE1/4SE1/4, Section 35, T. 15 S., R. 7 W; Lots 2,3 and 4, SW1/4NE1/4, S1/2NW1/4, SW1/4, W1/2SE1/4, Section 01 T. 16 S., R. 7 W., Will. Mer.			
Estimated Volume 32' Log (MBF)	Species	Estimated Volume 16' Log (MBF)	Appraised Price Per MBF	Estimated Volume Times Appraised Price	
6,426	Douglas-fir	7,451	\$ 132.90	\$	990,237.90
398	Western hemlock	500	\$ 45.80*	\$	22,900.00
6,824	TOTALS	7,951		\$	1,013,137.90
			Per Ton		
Clean Chips	Douglas-fir		\$ 5.00	\$	5.00
	GRAND TOTAL			\$	1,013,142.90
*=10% of Pond Value					

APPRAISED PRICES are calculated by determining market value through the analytical appraisal method. The minimum bid increment will be \$0.10 per MBF or multiples thereof.

LOG EXPORT RESTRICTIONS: 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.

NOTE: The volume for this timber sale has been calculated using 16 foot eastside Scribner rules, and the 32 foot log volumes are estimates derived from the 16 foot volumes.

CRUISE INFORMATION: Volume for all Douglas-fir and western hemlock in the Partial Harvest Areas was variable plot cruised. Plot data is then used to calculate v-bar and basal area per acre using the National Cruise Processing Program. The basal area was determined with a Relaskop using a 20 BAF. This sale contains a total of 237 plots. 115 sample trees were randomly selected on these plots to determine v-bar.

Douglas-fir and western hemlock in the right-of-ways have been cruised using the 3P system to select sample trees. The sample trees have been cruised and the volume computed using the National Cruise Processing Program for estimating volume in 16-foot lengths and the volume expanded to a total right-of-way volume.

A map showing the location and description of these sample trees is available at the Northwest Oregon District, Springfield Interagency Office.

With respect to merchantable Douglas-fir (sample) trees: The average tree is 13.4" DBHOB; the average log contains 45bd. ft.; the total gross merchantable volume is approximately 7,636 MBF; and 97% recovery is expected.

CUTTING AREA: Three areas totaling approximately 388 acres must be partial harvested and approximately 8 acres of right-of-way must be clear cut.

ACCESS: Access to the sale is provided by:

1. A public road;
2. BLM existing roads;
3. BLM roads to be constructed;
4. Roads covered by a Right-of-Way and Road Use Agreement E-340 between Weyerhaeuser Timber Holdings, Inc. and the United States. In the renovation and use of private roads, the Purchaser shall enter into a license agreement with Weyerhaeuser Timber Holdings, Inc. The license agreement shall be delivered to Weyerhaeuser Timber Holdings, Inc. for execution at least 15 days prior to any use of company roads. See the Prospectus for full terms and conditions of use.
5. Roads covered by a MOA BLM-OR930-3192-2 between the Confederated Tribes of Coos, Lower Umpqua and Siuslaw Indians (CTCLUSI) and the United States. In the renovation and use of CTCLUSI roads, the Purchaser

shall enter into a license agreement with CTCLUSI. The license agreement shall be delivered to CTCLUSI for execution at least 15 days prior to any use of company roads. See the Prospectus for full terms and conditions of use.

ROAD MAINTENANCE: The Purchaser shall pay BLM a road maintenance fee of \$10,336.30 and a rockwear fee of \$11,489.88. The Purchaser shall pay Weyerhaeuser a rockwear fee of \$500.99. The Purchaser shall pay CTCLUSI a road maintenance fee of \$1,445.00 and a rockwear fee of \$9.03.

*See Exhibit D map for specification of road maintenance responsibility. Only the map page of Exhibit D is included in the Prospectus. Refer to the contract file for the full Exhibit D.

In addition to the quantities shown below, 750 cubic yards (truck measure) of maintenance rock and surface protection rock is required. Additional rocking may be required for wet weather haul and will be at the Purchaser's expense.

ROAD CONSTRUCTION:

Spurs B, C, D, E, F, G, H, H1, J, K ext., L, M, N, O, P & Q and Road No. 15-7-24.5

Length: 81.59 Stations

Class: SN-14

Special Requirements in Road Construction: Operations limited to periods of dry weather. Special Operating Area Restrictions apply. Spur D shall be constructed prior to March 31, 2027.

ROAD RENOVATION:

Spur K and Road Nos. 15-7-24.1, 15-7-25, 15-7-25.1, 15-7-25.2, 15-7-25.3, 15-7-25.4, 15-7-25.5, 15-7-35.5, 16-7-1.3 & 16-7-11

Length: 451.30 Stations

Class: SN-14 / SN-16

Special Requirements in Road Renovation: Operations may be limited to periods of dry weather. Special Operating Area Restrictions apply. The in-stream work window is between July 1 and September 15 (both days inclusive).

ROAD IMPROVEMENT:

Spur I and Road No. 15-7-25.7

Length: 22.34 Stations

Class: SN-14

Special Requirements in Road Improvement: Operations limited to periods of dry weather. Special Operating Area Restrictions apply. The in-stream work window is between July 1 and September 15 (both days inclusive).

Culverts

<u>Diameter:</u>	<u>Length:</u>	<u>Number:</u>
18"	526'	16

Suggested Rock Source: Commercial, Junction City Vicinity

Estimated Rock Quantities (CY truck measure)

<u>3/4" minus</u>	<u>1-1/2" minus</u>	<u>3" minus</u>	<u>6" minus</u>
466	9,566	1,204	6,307

Total Estimated Exhibit C Road Costs (construction, renovation, and improvement): \$851,544.78

DURATION OF CONTRACT: Duration of the contract will be 36 months for cutting and removal of timber.

SPECIAL PROVISIONS: The contract will contain special provisions regarding road construction, road renovation, road, improvement, road maintenance, logging methods, prevention of erosion, falling of snags, creation of snags, falling of all trees designated for cutting, logging residue reduction, and submission of a written logging plan specifying spur road locations, landing locations, logging methods, and logging schedule.

Under Section 26 of the timber sale contract, ground based logging will be prohibited during periods of high soil moisture. This will normally limit ground based logging to July, August and September.

It is estimated that approximately 1,192 MBF of additional timber, such as corridor and guyline trees, may be removed under the contract, but it is not included in the advertised sale volume, nor is it included in the timber sale appraisal.

OTHER SPECIAL REQUIREMENTS:

- Upon completion of yarding, select and girdle 3,970 trees (1,227 high girdle and 2,743 low girdle) as described in Exhibit W. 549 low girdle snags may be operationally created. Within the Snag Thin Areas and Partial Harvest Areas requiring Snag Created Openings shown on Exhibit W, down orange painted reserve trees may be credited toward the number of low girdle trees required in Exhibit W. Storm damaged trees meeting the specifications for high girdle described in Exhibit W may be credited to the high girdle requirement with approval of the Authorized Officer. The Purchaser shall be responsible for marking, tallying and submitting snag creation totals for consideration.
- Construct handline, as shown on Exhibit F, to facilitate subsequent BLM conducted under-burning in Section 25.
- Coordinate the creation of snags, with the Authorized Officer to avoid conflict with BLM conducted under-burning in Section 25.
- No yarding or hauling shall be conducted on natural surfaced roads during periods of wet weather as determined by the Authorized Officer.
- Yarding shall be done with a carriage equipped skyline capable of yarding 2,600 feet slope distance in the Partial Harvest Areas on slopes greater than 35%.
- Yarding across streams requires full suspension above the stream.
- Limbs and tops shall remain attached to the tree and be yarded to the landing.
- With the exception of hauling, daily operations within the Special Operating Area shall not be permitted from April 1 through August 5 of each year, both days inclusive; and shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive.
- In the Special Holding Areas, obtain approval from the Authorized Officer prior to attaching logging equipment to any tree.
- With the exception of hauling, daily operations after **March 31, 2027**, within 110 yards of the Habitat Area shall not be permitted from April 1 through August 5 of each year, both days inclusive; and shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive.
- Spur D must be constructed prior to **March 31, 2027**.
- Trees 40" or greater diameter are reserved. Trees 40" DBH or greater which are felled shall be retained on site.
- Eighteen (18) trees marked with yellow paint shall not be felled or damaged during logging operations.
- In the construction of Road No. 15-7-24.1, it is estimated that approximately 0.6 MBF (16 foot log Scribner volume) will be removed. The Purchaser shall purchase the right-of-way timber at the contract price in accordance with the specifications of CTCCLUSI, the owner of the right-of-way timber.
- In the Special Yarding Area, as shown on Exhibit A, avoid damaging oak trees, where possible.
- The Purchaser shall have the option to renovate and/or improve Spurs R and S as shown on Exhibit A. If the Purchaser exercises their option, all costs associated with renovation, improvement and/or maintenance, shall be at the Purchaser's expense.
- In the Ground-based Yarding area, in Section 01 near Spur N, as shown on Exhibit A, ground-based operations will be required.
- In the Special Landing Area shown on Exhibit A (sheet 3), landing creation shall be minimized. In addition, the authorization to cut and remove timber in the Special Landing Area, in accordance with Section 44(a)(26), known as the X-mark stipulation, is withdrawn for trees which do not present a safety hazard. This restriction extends 50 feet into the stand as measured from Right-of-Way posted trees. Additional timber requested for removal shall be approved in advance by the Authorized Officer.
- Trees within 100 feet of the Powerline Right-of-Way shall be directionally felled away from the power lines, as directed by the Authorized Officer. Prior to beginning operations adjacent to the Power Line Right-of-Way, the Purchaser shall contact Blachly Lane Power Company.
- There is an underground electrical power cable and TV signal wire running from the power pole, located immediately east of Road No. 16-7-11 in the Power Line Right-of-Way, to the headend at the existing building, approximately 120 feet east of the 16-7-11 road. Prior to any operations in the area, the Purchaser shall contact the Oregon Utility Notification Center (1-800-332-2344) and request a line locate. Resolution of any damage to utilities shall be between the Purchaser and said utility owner.
- Clean equipment prior to arrival on BLM-managed lands.
- Upon completion of hauling, all decommissioning shall be completed during the dry season and as directed by the Authorized Officer. Decommissioning measures may include:

- Decompact and/or block skid trails and natural surfaced roads with decompaction equipment, such as a track mounted excavator with a thumb.
 - Construct drainage dips, waterbars, and/or lead-off ditches.
 - Block at entry points using earthen barricades as directed by the Authorized Officer.
- Section 44(e) contains explicit instruction on requirements for equipment and personnel involved in pile burning.
- Buyout Securities: The Purchaser **will** have the option of making a buyout security deposit of Six Thousand Five Hundred and One and 32/100 dollars (**\$6,501.32**) in lieu of performing the slash disposal requirements of this contract.

NARRATIVE DESCRIPTION OF HOW TO GET TO THE TIMBER SALE AREA:

To access Partial Harvest Area 3: From Eugene drive north seven miles on Highway 99 then turn west onto Highway 36. After about 19 miles, turn north onto 16-7-11. Follow the Timber Sale Area signs to the sale.

To access Partial Harvest Areas 1 and 2: From Eugene drive north seven miles on Highway 99 then turn west onto Highway 36. After twenty miles turn north onto Horton Road (County Rd. 3640). Follow Horton Road approximately 7 miles and turn northeast onto Road No. 15-7-35. Follow Road No.15-7-35 approximately 4 miles and turn east onto Road No. 15-7-26 (Mill Pond Rd). Follow Timber Sale Area signs to the sale area.

Any other persons interested in visiting the timber sale site should first contact Joseph Lynch at (541) 683-6739.

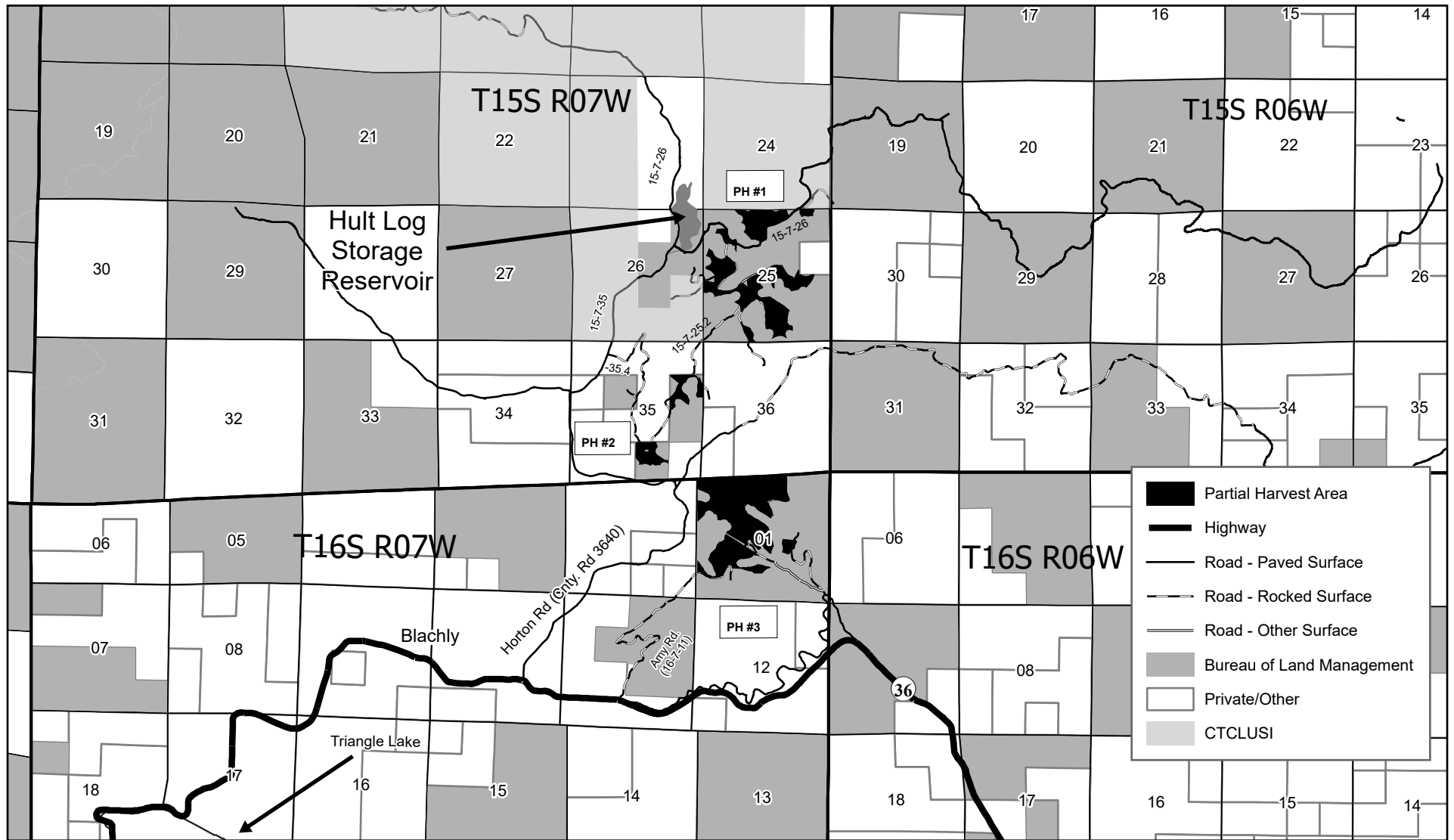


Timber Sale Location Map

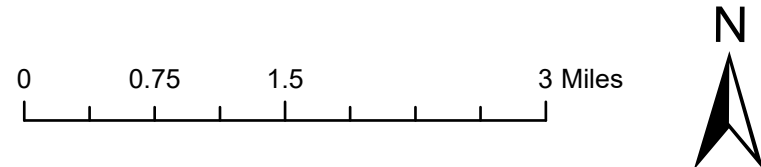
Electric Crossing

T. 15 S., R. 7 W., Sec. 25, 26 & 35, T. 16 S., R. 7 W., Sec. 1, Northwest Oregon District

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Seasonal Restriction Matrix

Restricted Periods are Shaded and X'd; 2-hour daily timing restrictions are X'd only.

	Jan		Feb		Mar		Apr		May		June		July		Aug		Sept		Oct		Nov		Dec	
	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15	1	15
All operations except hauling <u>Special Operating Areas</u> <ul style="list-style-type: none"> April 1 – August 5, both days inclusive: Operations are prohibited. August 6 - September 15, both days inclusive: Operations shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset. <u>110 yards from the Habitat Area after March 31st, 2027</u> <ul style="list-style-type: none"> April 1- August 5, both days inclusive : Operations are prohibited. August 6 - September 15, both days inclusive: Operations shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset. 							X	X	X	X	X	X	X	X	X	X								
Felling, yarding, or loading <u>Partial Harvest Areas</u> <ul style="list-style-type: none"> April 15 – June 15, both days inclusive. Sap flow seasonal restriction may be conditionally waived. 							X	X	X	X														
Ground-based yarding <u>Partial Harvest Areas</u> <ul style="list-style-type: none"> Typically October 1 – June 30; may vary due to weather conditions. 	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X					X	X	X	X
Right-of-Way logging and clearing <u>Right-of-Way Areas</u> <ul style="list-style-type: none"> Typically October 1 – May 31; may vary due to weather conditions. 	X	X	X	X	X	X	X	X	X											X	X	X	X	X
Hauling on natural-surfaced roads <u>Partial Harvest Areas</u> <ul style="list-style-type: none"> Typically October 15 – May 31; may vary due to weather conditions. 	X	X	X	X	X	X	X	X	X											X	X	X	X	X
In stream restrictions <ul style="list-style-type: none"> Typically July 1 – September 15 both days inclusive: Stream crossing culvert replacement site work shall be completed prior to timber haul. 	X	X	X	X	X	X	X	X	X	X							X	X	X	X	X	X	X	X

NOTE: This chart is for informational purposes only. Refer to Section 44 Special Provisions of the timber sale contract for exact date restrictions and stipulations.

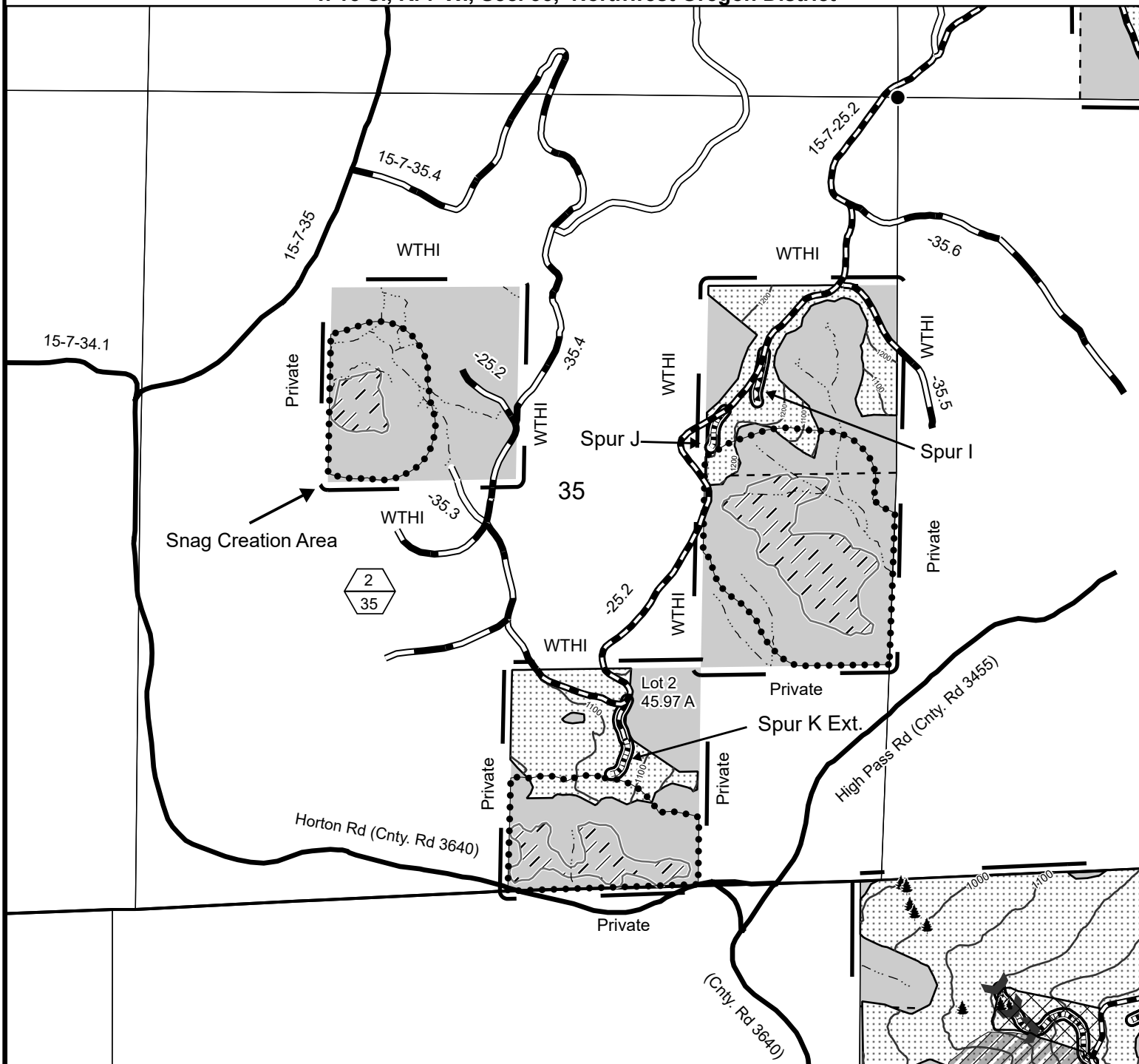


**UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management**

Exhibit A
Sheet 2 of 3

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**Electric Crossing Timber Sale Contract No. ORN03-2025.0371
T. 15 S., R. 7 W., Sec. 35, Northwest Oregon District**

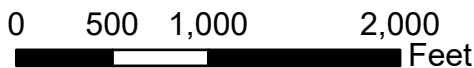


- Boundary - Cutting Area (Blazed, Painted & Posted)
- Contract Area
- Partial Harvest Area
- Reserve Area
- Special Holding Area
- Special Operating Area

- Approximate Location of Special Habitat Tree
- Stream
- Construction
- Improvement
- Renovation
- Right-of-Way Area

- Paved Road
- Rocked Road
- Natural Road
- Partial Harvest Area (Top)/Partial Harvest Area Acres (Bottom)
- Found Corner

Partial Harvest Area 2	38.6
Right-of-Way Area 2	0.5
Reserve Area	126.87
Contract Area	165.97 A



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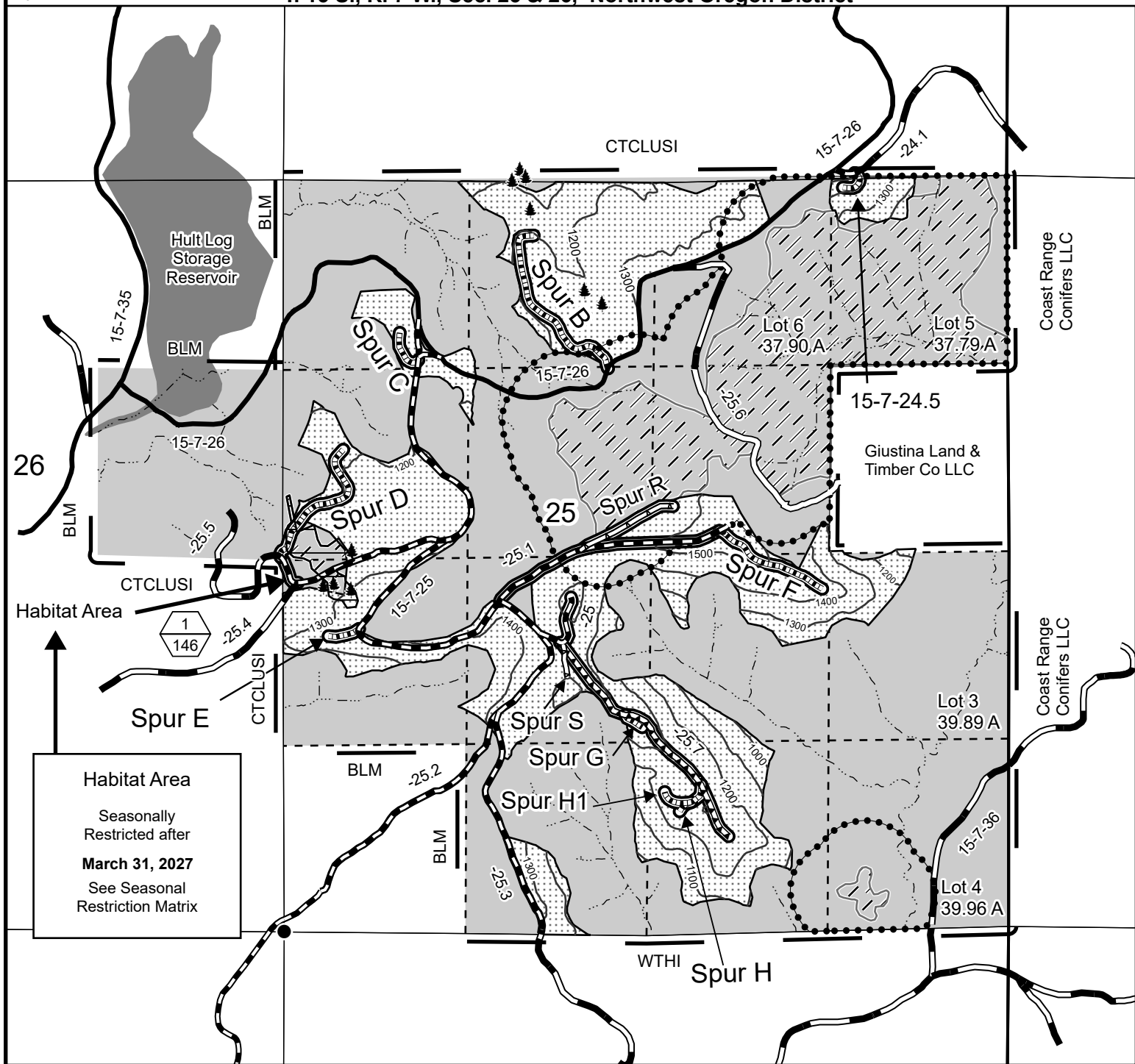


**UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management**

Exhibit A
Sheet 1 of 3

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**Electric Crossing Timber Sale Contract No. ORN03-2025.0371
T. 15 S., R. 7 W., Sec. 25 & 26, Northwest Oregon District**



Habitat Area
Seasonally Restricted after
March 31, 2027
See Seasonal Restriction Matrix

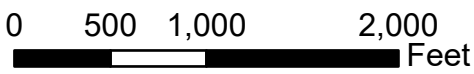
- Boundary - Cutting Area (Blazed, Painted & Posted)
- Contract Area
- Partial Harvest Area
- Reserve Area
- Habitat Area
- Special Holding Area
- Special Operating Area

- Approximate Location of Special Habitat Tree
- Stream
- Construction
- Improvement
- Renovation
- Optional Renovation/Improvement
- Right-of-Way Area

- Paved Road
- Rocked Road
- Natural Road
- Partial Harvest Area (Top)/ Partial Harvest Area Acres (Bottom)
- Found Corner

Partial Harvest Area 1	148.10
Right-of-Way Area 1	4.70
Reserve Area	442.74
Contract Area	595.54 A

Total Partial Harvest Area	387.50
Total Right-of-Way Area	7.10
Total Reserve Area	822.12
Total Contract Area	1,216.72 A



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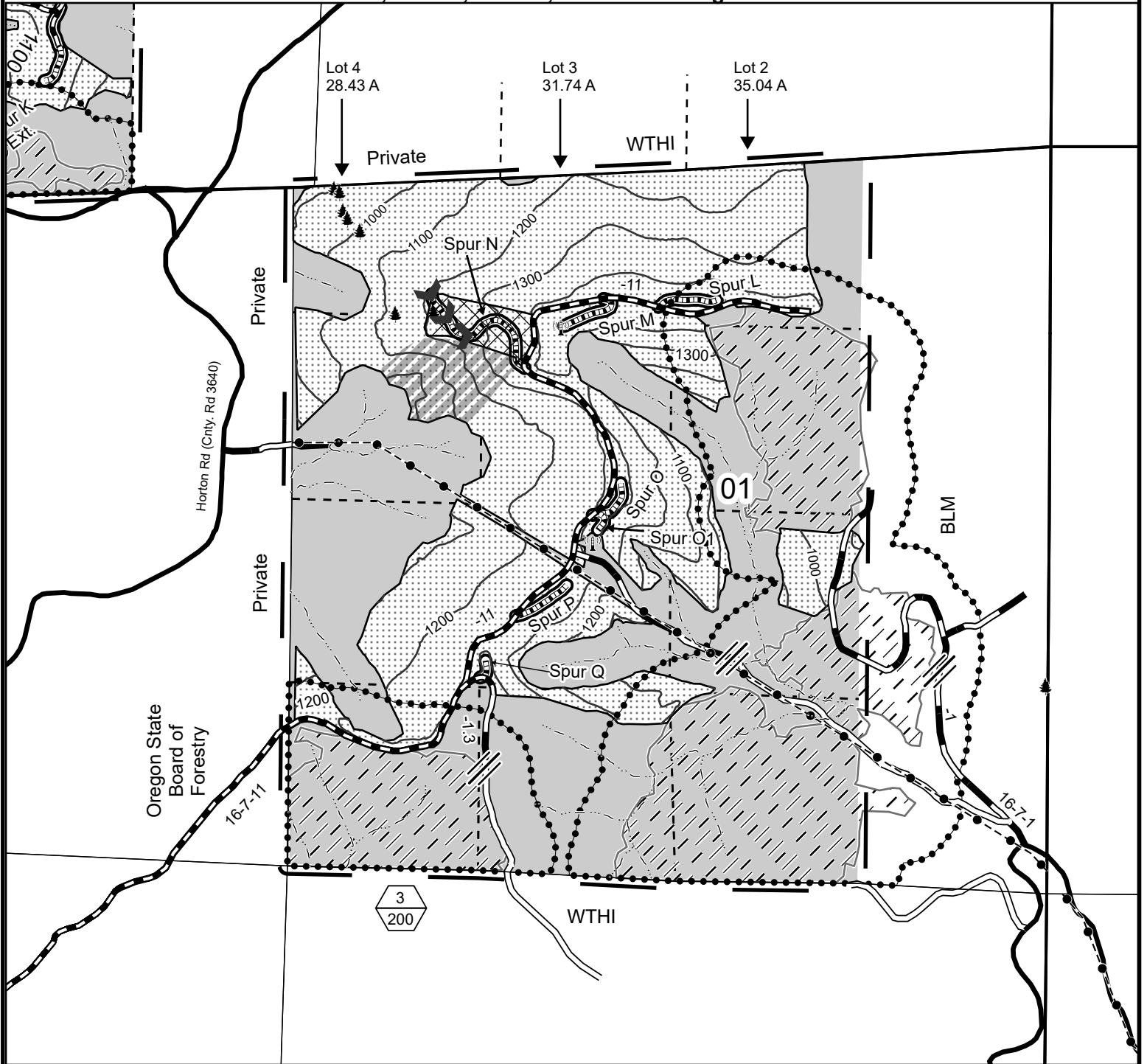


**UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management**

Exhibit A
Sheet 3 of 3

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**Electric Crossing Timber Sale Contract No. ORN03-2025.0371
T. 16 S., R. 7 W., Sec. 01, Northwest Oregon District**



Boundary - Cutting Area (Blazed, Painted & Posted)	Special Landing Area	Natural Road	Partial Harvest Area 3 200.80
Contract Area	Approximate Location of Special Habitat Tree	Impassable	Right-of-Way Area 3 1.90
Partial Harvest Area	Stream	Communication Site Infrastructure	Reserve Area 252.51
Reserve Area	Construction	Powerline Right-of-Way	Contract Area 455.21 A
Special Holding Area	Renovation	Partial Harvest Area (Top)/Partial Harvest Area Acres (Bottom)	
Special Operating Area	Right-of-Way Area		
Ground-based Yarding Area	Paved Road		
Special Yarding Area	Rocked Road		

0 500 1,000 2,000 Feet

Prepared By: jrand
Date: 1/29/2025 09:47:49 AM

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Contract No.
ORN03-TS-2025.0371

EXHIBIT B

LUMP SUM SALE

Electric Crossing

The following estimates and calculations of value of timber sold are made solely as an administrative aid for determining: (1) adjustments made or credits given in accordance with Secs. 6, 9, or 11; (2) when payments are due; and (3) value of timber subject to any special bonding provisions. The value of timber will be determined by multiplying the value per acre as shown below, times the amount of acreage as determined by the Authorized Officer, which has been cut or removed or designated for taking. Except as provided in Sec. 2, Purchaser shall be liable for total purchase price even though quantity of timber actually cut or removed or designated for taking is less than the estimated volume or quantity shown. Cutting areas are shown on **Exhibit A**.

SPECIES	ESTIMATED VOLUME OR QUANTITY <i>(Units Specified)</i>	PRICE PER UNIT	AMOUNT OF ESTIMATED VOLUME OR QUANTITY X UNIT PRICE
Douglas-fir	7,451 MBF		
Western hemlock	500 MBF		
TOTALS	7,951 MBF		

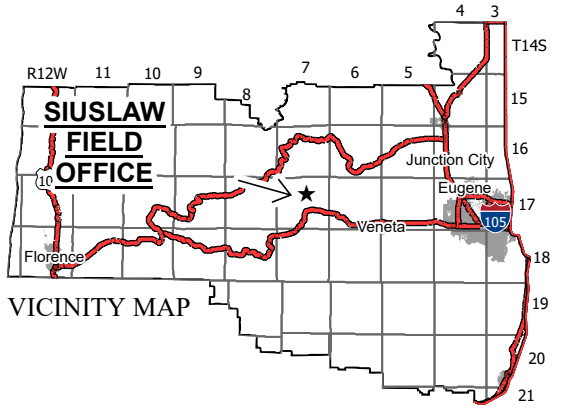
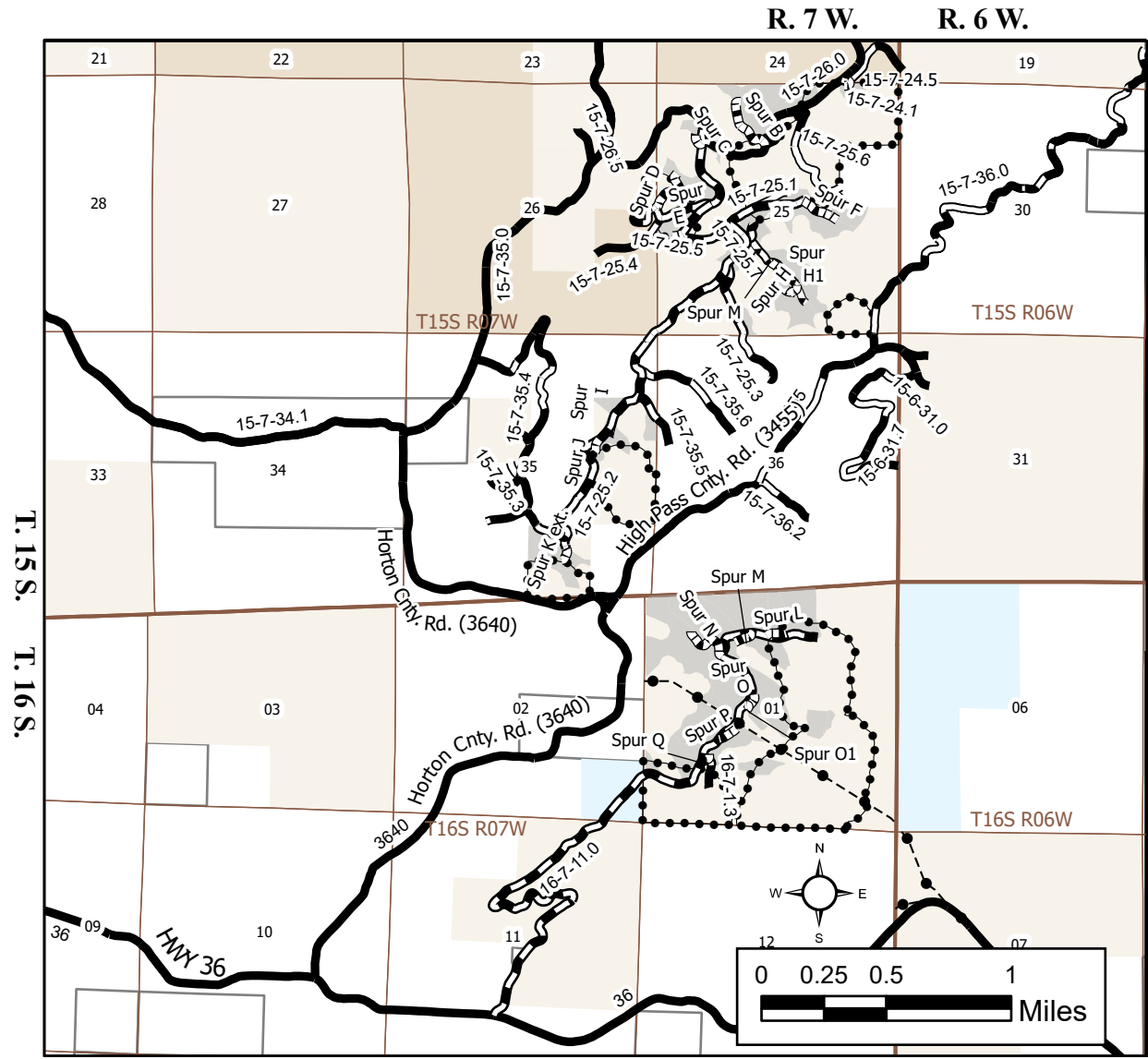
The apportionment of the total purchase price is as follows:

<u>Partial Harvest Area No. 1</u> – 148 Acres	(19.1 MBF/Acre)
Douglas-fir	2,657.0 MBF
Western hemlock	177.0 MBF
	<hr/> 2,834.0 MBF
<u>Partial Harvest Area No. 2</u> – 39.0 Acres	(19.2 MBF/Acre)
Douglas-fir	700.00 MBF
Western hemlock	47.0 MBF
	<hr/> 747.0 MBF
<u>Partial Harvest Area No. 3</u> – 201.0 Acres	(19.2 MBF/Acre)
Douglas-fir	3,609.0 MBF
Western hemlock	241.0 MBF
	<hr/> 3,850.0 MBF
<u>Right-of-Way Area No. 1</u> – 5.0 Acres	(65.0 MBF/Acre)
Douglas-fir	297.0 MBF
Western hemlock	28.0 MBF
	<hr/> 325.0 MBF
<u>Right-of-Way Area No. 2</u> – 1.0 Acres	(41.0 MBF/Acre)
Douglas-fir	41.0 MBF
	<hr/> 41.0 41.0
<u>Right-of-Way Area No. 3</u> – 2.0 Acres	(77.0 MBF/Acre)
Douglas-fir	147.0 MBF
Western hemlock	7.0 MBF
	<hr/> 154.0 MBF



**UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management, Northwest Oregon District**

Exhibit C
Sheet 1 of 30



Index	
Sheet	Contents
1	Cover Sheet
2	Special Provisions
3-21	General Specifications
22	Roadside Brushing Detail
23	Culvert Summary
24	Culvert Installation Details
25	Surfacing Table & Details
26-27	Typical Cross Section Details
28-31	Worklist Plans

Sale Name: Electric Crossing
 Contract No.: ORN03-TS25.0371
 Construction: Spurs B, C, D, E, F, G, H, H1, J, K ext., L, M, N, O, O1, P, Q and Road No. 15-7-24.5
 Renovation: Spur K and Road Nos. 15-7-24.1, -25, -25.1, -25.2, -25.3, -25.4, -25.5, -35.5, 16-7-1.3, -11
 Improvement: Spur I and Road No. 15-7-25.7

T. 15 S., R. 07 W., Secs. 25 & 35
 T. 16 S., R. 07 W., Sec. 1
 Willamette Meridian, Lane County, Oregon

Designed: G. Hedrick	Recommended
Drawn: G. Hedrick	
Checked:	Approved
Date: 2/13/2025	Field Manager
XC_Coversheet_ElectricXing	

Construction	Existing Road	Harvest Unit	Ownership
Renovation	Paved	Special Operating Area	Bureau of Land Management
Improvement	Rocked		CTCLUSI
Powerline	Natural		OR Dept. of Forestry
			Private/Other

ROAD MAINTENANCE SPECIFICATIONS

SECTION	DESCRIPTION
	Special Provisions
3000	General
3100	Operational Maintenance
3200	Seasonal Maintenance
3300	Final Maintenance
3400	Other Maintenance

SPECIAL PROVISIONS

1. In order to prevent the spread of noxious weeds, the Purchaser shall clean road maintenance and decommissioning equipment, prior to entry on BLM lands, as directed by the Authorized Officer.
2. The Purchaser shall place and compact **750 CY (cubic yards, truck measure)** of crushed rock for surface protection/roadside landings as well as for log haul maintenance during periods of wet weather haul. Aggregate shall conform to Sections 1000 and 1200 of Exhibit C. The Purchaser shall protect the road surface in all areas of tracked equipment operation on Road No. 16-7-6 by placing a 6" lift of 3" minus crushed rock as directed by the Authorized Officer. Additional road reinforcement (rocking) may be required for wet weather haul and will be at the Purchaser's expense.
3. Maintenance rock gradation shall be determined by the Authorized Officer upon time of request.
4. Load tickets shall be supplied to the BLM for maintenance rock accounting.
5. Upon completion of harvest operations, any remaining aggregate shall be placed in locations determined by the Authorized Officer.

GENERAL – 3000

- 3001 — The Purchaser shall be required to maintain all roads listed and/or referenced in Section 44(b)(11), as shown on the Exhibit D map of this contract in accordance with Sections 3000, 3100, 3200, 3300, and 3400, of this exhibit.
- 3002 — The Purchaser shall maintain the cross section of existing native or rocked surfaced roads to the existing geometric standards. Any roads required to be constructed, renovated, or improved under 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. 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.

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 **750 CY (cubic yards, truck measure)** of aggregate conforming to the requirements in Sections 1000 and 1200 of Exhibit C of this contract on the roadway at locations and in the amounts designated by the Authorized Officer.

This aggregate shall be used to repair surface failures 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.
- 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 once 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 drain dips and water-bars using equipment specified in Subsection 3104 and other culvert cleaning and flushing equipment.

- 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 in accordance with Section 2100 of Exhibit C.

- 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 1 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 preceding operating seasons.

- 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 terms of their contract within thirty (30) calendar days following the expiration of Purchaser's right to cut and remove timber (Sec. 4) 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.

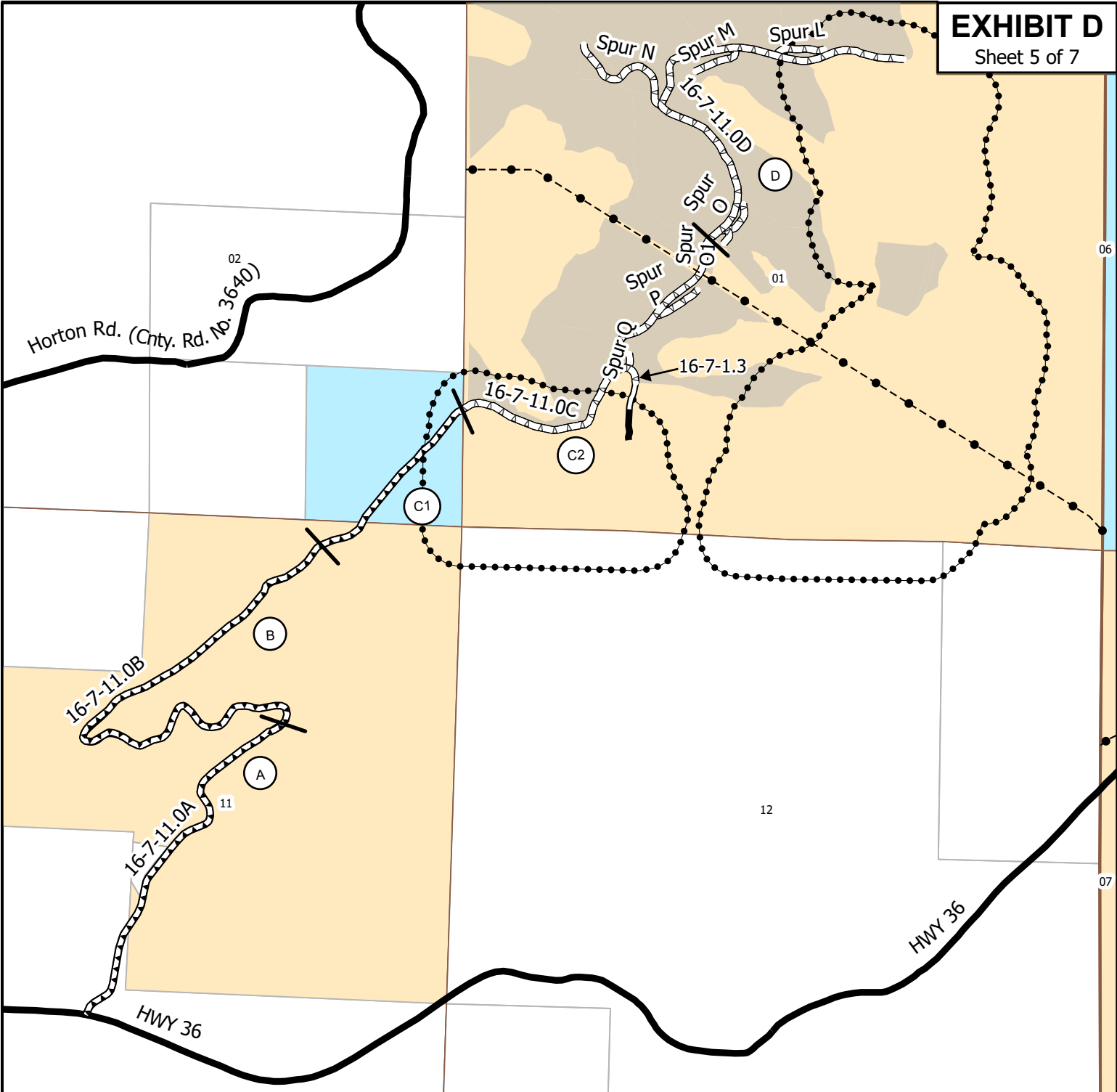
- 3302 — The Purchaser shall perform final road maintenance only when weather or soil moisture conditions are suitable for normal maintenance equipment operations as determined by the Authorized Officer.

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.



SALE NAME: Electric Crossing
CONTRACT NO.: ORN03-TS25.0371

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

- | | |
|--|---|
| <p>Existing Road</p> <ul style="list-style-type: none"> Paved Rocked Natural | <p>Ownership</p> <ul style="list-style-type: none"> Bureau of Land Management State Dept. of Forestry Private/Other |
| <ul style="list-style-type: none"> BLM Maintenance Purchaser Maintenance Special Operating Area Segment/Portion Break Segment Name | <ul style="list-style-type: none"> Harvest Unit |

Road Maintenance Map

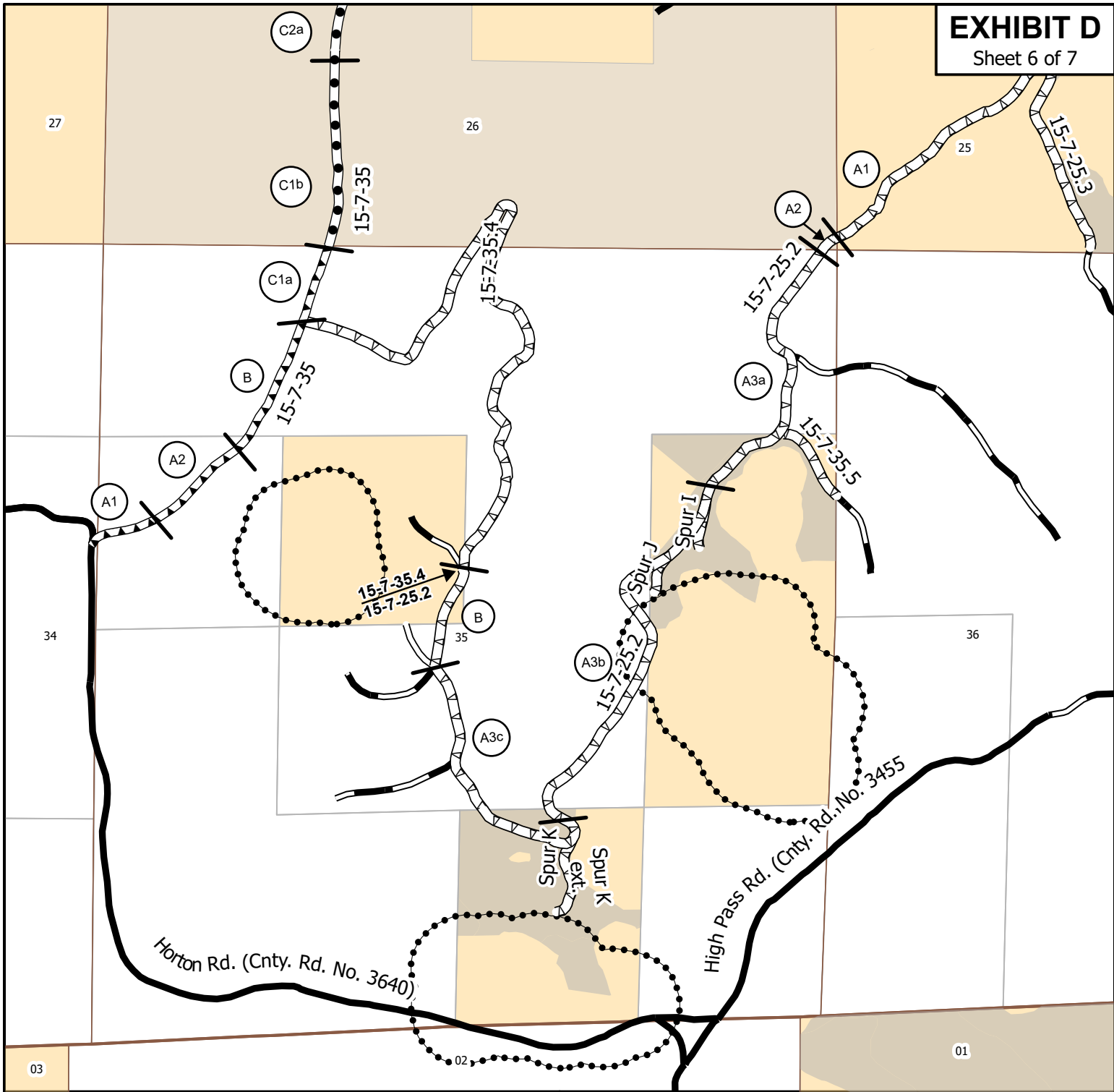
T. 16 S., R. 7 W., Sec. 1
Willamette Meridian
Lane County, Oregon

Designed: G. Hedrick

Drawn: G. Hedrick

Date: 2/13/2025

ExD1



SALE NAME: Electric Crossing
CONTRACT NO.: ORN03-TS25.0371

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

- | | |
|------------------------------|-----------------------------|
| ▲▲▲▲ BLM Maintenance | ■ Harvest Unit |
| △△△△ Purchaser Maintenance | ●●●● Special Operating Area |
| ●●●● Third Party Maintenance | Ownership |
| Existing Road | ■ Bureau of Land Management |
| — Paved | ■ State Dept. of Forestry |
| — Rocked | ■ Bureau of Indian Affairs |
| — Natural | □ Private/Other |

Road Maintenance Map

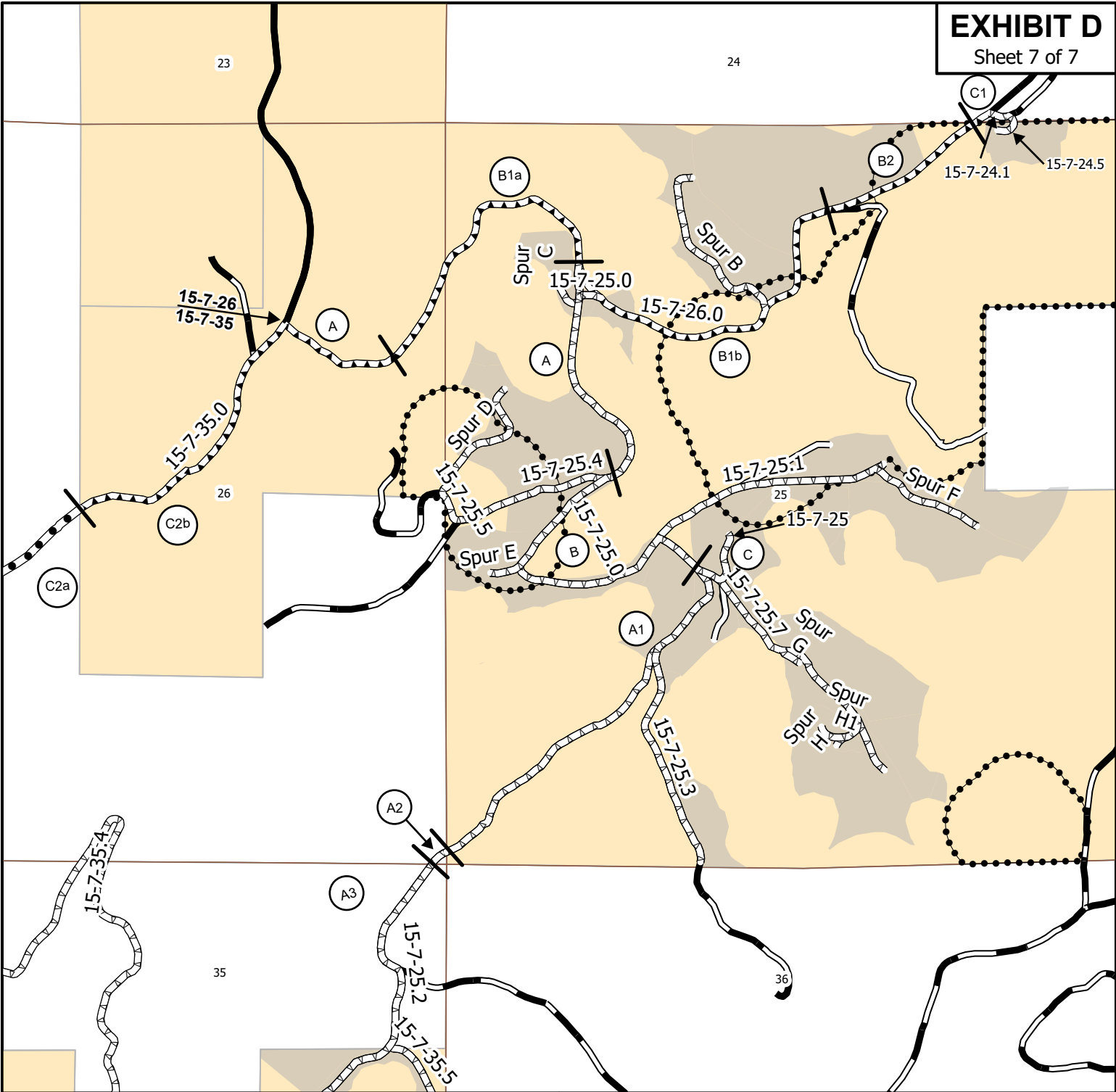
T. 15 S., R. 7 W., Sec. 35
 Willamette Meridian
 Lane County, Oregon

Designed: G. Hedrick

Drawn: G. Hedrick

Date: 2/13/2025

ExD35



SALE NAME: Electric Crossing
CONTRACT NO.: ORN03-TS25.0371

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

Road Maintenance Map

T. 15 S., R. 7 W., Sec. 25
 Willamette Meridian
 Lane County, Oregon

- | | |
|---|---|
| <ul style="list-style-type: none"> ▬▬▬▬ BLM Maintenance ▬▬▬▬ Purchaser Maintenance ▬▬▬▬ Third Party Maintenance | <ul style="list-style-type: none"> ■ Harvest Unit |
| <p>Existing Road</p> <ul style="list-style-type: none"> ▬ Paved ▬ Rocked ▬ Natural ▬ Segment/Portion Break | <p>Ownership</p> <ul style="list-style-type: none"> ■ Bureau of Land Management ■ State Dept. of Forestry ■ Private/Other |
| <p>(B1) Segment Name</p> | |

Designed: G. Hedrick

Drawn: G. Hedrick

Date: 2/13/2025

ExD25

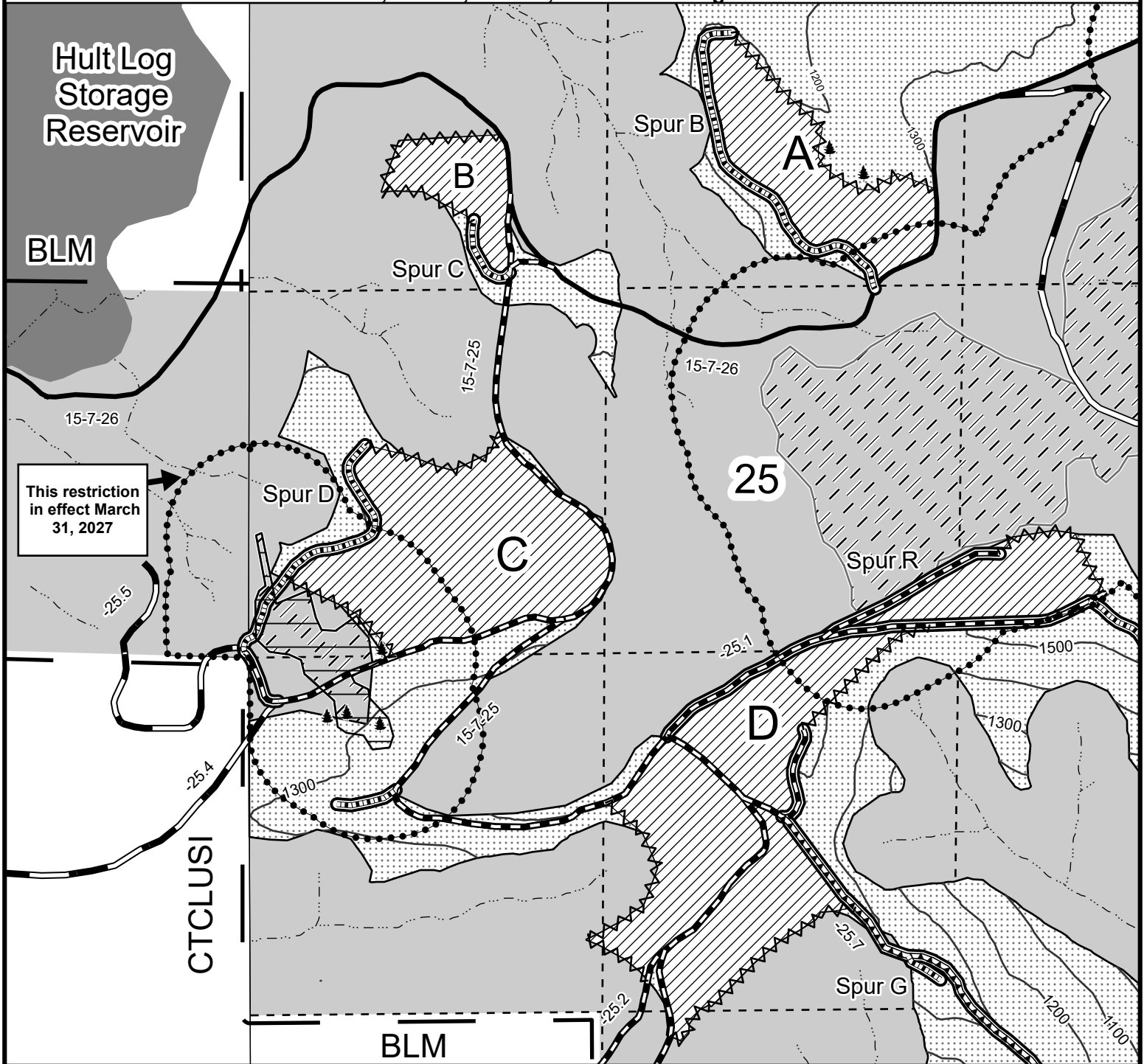


UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

Exhibit F

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources and may be updated without notification.

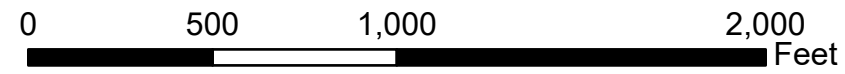
Electric Crossing Timber Sale Contract No. ORN03-2025.0371
T. 15 S., R. 7 W., Sec. 25, Northwest Oregon District



- Boundary - Cutting Area (Blazed, Painted & Posted)
- Contract Area
- Handline Construction
- Future BLM Burn Unit
- Partial Harvest Area
- Reserve Area
- Special Holding Area
- Habitat Area
- Special Operating Area
- Approximate Location of Special Habitat Tree
- Construction
- Improvement
- Renovation
- Right-of-Way Area
- Stream
- Paved Road
- Rocked Road
- Natural Road



Burn Unit A Handline Length	941
Burn Unit B	938
Burn Unit C	1048
Burn Unit D	2859
Project Handline Length	5786 Ft



Prepared By: jrand
Date: 01/30/2025 05:07:49 PM

(a) Snag Creation Considerations: Selection, Location, and Tally

- 1) Within designated snag creation areas shown on this Exhibit, the Purchaser shall select and girdle 3,970 trees within one year of final harvest operations. As specified on Tables 1-3, and shown on the map pages of this Exhibit, 1,227 trees shall be selected for high girdling and 2,743 trees shall be selected for low girdling.

Operationally created snags, storm damage created snags, or down reserve trees may be credited toward snag counts with the approval of the Authorized Officer. To be credited toward high girdle snag counts, the tree can either meet the minimum high girdle specifications, as described in d(2), or be accepted at the discretion of the Authorized Officer. Snag Created Openings are located within the Partial Harvest Areas and Snag Thin Areas are outside of or adjacent to the harvest unit as mapped in this Exhibit.

In no case shall additional standing trees or live green snags be removed or girdled in areas over 1 acre that have less than 40% remaining canopy cover or less than three live trees per acre without the approval of the Authorized Officer.

- 2) The Purchaser shall coordinate snag creation and site preparation with the Authorized Officer to avoid conflict with under-burning conducted by the BLM.
- 3) Snag creation within Special Operating Areas shall not be permitted from April 1 through August 5 of each year, both days inclusive; and shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive. These restrictions shall not be waived.
- 4) Trees that are damaged from the normal conduct of felling or yarding operations such that they are expected to become snags may be credited toward low girdle snag counts. These trees shall be greater than 10" DBH, approved by the Authorized Officer and will meet snag specifications in accordance with a(6) and a(7). These trees/snags are to remain standing if they meet State safety laws, codes, or regulations. These trees shall be marked with an "S" with red paint at DBH on two sides of the bole and shall be tallied as described in (a)9. The painted S shall be greater than 12" tall and visible from 150'.
- 5) Trees selected for girdling shall be located beyond the falling distance of power lines, structures, recreation trails, and open roads, unless otherwise directed by the Authorized Officer.
- 6) Trees selected for girdling shall be live, sound trees and shall not have unique structural characteristics, such as forked or broken tops, crooked boles, large scars, cavities, or nest structures. Hierarchy for species selection is as follows: Douglas-fir, western hemlock.
- 7) Trees selected for girdling shall be greater than 10" DBH, less than 35" DBH, and from the highest diameter class. Trees selected for high girdling shall have the fullest crowns. Trees 40" or greater are reserved in accordance with Section 43(c) and Special Habitat Trees are marked with yellow paint and are reserved in accordance with Section 43(e).
- 8) The Purchaser shall field-locate all snag creation areas by using a GPS-enabled device capable of geo-referencing PDF maps with an accuracy of 50 feet or less.
- 9) The Purchaser shall tally and map all girdled trees, recent naturally created snags, and recent blown-down reserve trees that they wish to be credited by tree number, DBH, species, girdle type, and unit identifier. Credited snags and down wood must be mapped using a GPS enabled mapping system such as Avenza Maps. Tree tally data shall be delivered electronically in a spreadsheet to the Authorized Officer bi-weekly during active girdling operations, or as otherwise directed. At the completion of girdling operations for each unit, the Purchaser shall submit a completed tally to the Authorized Officer.
- 10) Girdling operations shall commence within one (1) year of contract award in areas B, E, L, M, and O. These areas may be girdled prior to harvest area treatments. Half of the required total number of girdled trees shall be completed prior to contract expiration, not including operationally or storm created snags. The remaining total number of girdled trees shall be completed within one year of final harvest operations.

(b) Snag Created Openings

- (1) Consist of 75, ½-acre openings
- (2) Snag Created Openings shall be created at or near the center point of each ½ acre circle. The purchaser shall select a tree for high girdle treatment and designate it as a plot center tree.
- (3) The Purchaser shall mark the plot center tree in each Snag Created Opening with the corresponding identifier (number), in Table 2, as shown on maps of this Exhibit. Identifiers shall be marked on plot center trees with high visibility red paint on two sides at DBH, greater than 12" tall and visible from 150'.
- (4) Type 1 openings - Within an 83-foot radius of the high girdled center tree, the Purchaser shall select and tally an additional 4 trees for high girdle. Low girdle and tally all remaining Douglas-fir and western hemlock in accordance with a(6) and a(7).
- (5) Type 2 openings - Within an 83-foot radius of the high girdled center tree, the Purchaser shall select and tally an additional 5 trees for high girdle. Low girdle and tally all remaining Douglas-fir and western hemlock in accordance with a(6) and a(7).

(c) Snag Thin Areas

- (6) Each Snag Thin Area (A through Z, and A1) has a required number of high and low girdle trees that must be created, as specified in Table 1. Low and high girdled treatments shall be intermixed, where possible, and treatments shall be distributed throughout the Snag Thin Areas.
- (7) If the required number of low and high girdle trees are not available within the specified acreage of the Snag Created Openings, additional low girdles shall be created within Snag Thin Areas F, G, H, I, J, K, and M, or at the direction of the Authorized Officer, until the required number of total trees are girdled.

(d) High Girdle Specifications

- (1) During sap flow, remove the bark and cambium layer from a 12-inch wide or greater band completely encircling the bole of the tree. Outside of sap flow season, high girdling will be accomplished by making three (3) parallel, evenly spaced cuts around the tree. The distance between the top cut and the bottom cut shall not exceed twelve (12) inches. Each cut must connect with itself completely around the tree and penetrate through the cambium layer into the wood at least ½ inch, but not more than 1 inch.
- (2) Trees shall retain at least 15 live limbs greater than 5 feet long below the girdle site or have a minimum top diameter at the girdle site of 8".
- (3) High-girdled trees shall be marked with a band of high visibility red paint near DBH, and one piece of high visibility pink flagging tied around the bole of the tree at a height of 30-40 feet. Flagging must be visible from the ground.
- (4) If a tree is selected for high girdling but not treated due to safety issues or finding an existing wildlife structure, such as a cavity or nest, then the Purchaser shall paint the tree as described above in (d)(3) and note the reason on the data sheet.

(e) Low Girdle Specifications

- (1) During sap flow, remove the bark and cambium layer from a 12-inch wide or greater band completely encircling the bole of the tree. Outside of sap flow season, base girdling will be accomplished by making three (3) parallel, evenly spaced cuts around the tree. The distance between the top cut and the bottom cut shall not exceed twelve (12) inches. Each cut must connect with itself completely around the tree and penetrate through the cambium layer into the wood at least ½ inch, but not more than 1 inch. Trees shall be girdled at or below DBH.
- (2) Mark low girdled trees with a band of high visibility red paint near DBH level.

(f) Trees Reserved from Girdling

- (1) All trees 35" DBH and greater
- (2) All Special Habitat Trees marked with yellow paint

(g) Adjustments

- (1) The purchaser agrees that if the BLM determines a reduction in the number of girdles specified in the Exhibit W is necessary, then it shall be accomplished by unilateral modification of the contract executed by the Contracting Officer. Such adjustment will result in an increase of purchase price and shall be made at the original Exhibit W appraised values.

Table 1. Snag Thin Areas

Snag Thin Area	High Girdle	Low Girdle	Total Snags
A	10	21	31
B	11	24	35
C	21	44	65
D	6	13	19
E	31	64	95
F	58	120	178
G	45	94	139
H	82	171	253
I	71	148	219
J	64	131	195
K	39	81	120
L	32	67	99
M	50	105	155
N	29	59	88
O	17	35	52
P	22	45	67
Q	3	7	10
R	13	28	41
S	1	3	4
T	19	40	59
U	85	176	261
V	58	120	178
W	6	12	18
X	5	10	15
Y	8	17	25
Z	4	9	13
A1	24	49	73
Area Total	814	1,693	2,507

Table 2. Snag Created Openings

Unit Identifier (Number of each Type)	Acreage Max	High Girdle	Low Girdle	Girdle Tree (Total) Per Opening
Type 1 (37)	0.5	5	14	19
Type 2 (38)	0.5	6	14	20

Table 3. Snag Creation Totals

	No. of Areas/Openings	High Girdle Trees Total	Low Girdle Trees Total *	Combined Girdle Trees Total
Snag Thin Areas	27	814	1,693	2,507
Snag Created Openings	75	413	1,050	1,463
Operationally Created Snags	NA	0	549	549
GRAND TOTAL				

*All trees selected for girdling shall be tallied up to the required total of 3,970. If the estimated number of trees for low girdle and high girdle are not available within the designated radius for the Snag Created Openings, the Purchaser may locate the deficit within Snag Thin Areas F, G, H, I, J, K, and M with the approval of the Authorized Officer.

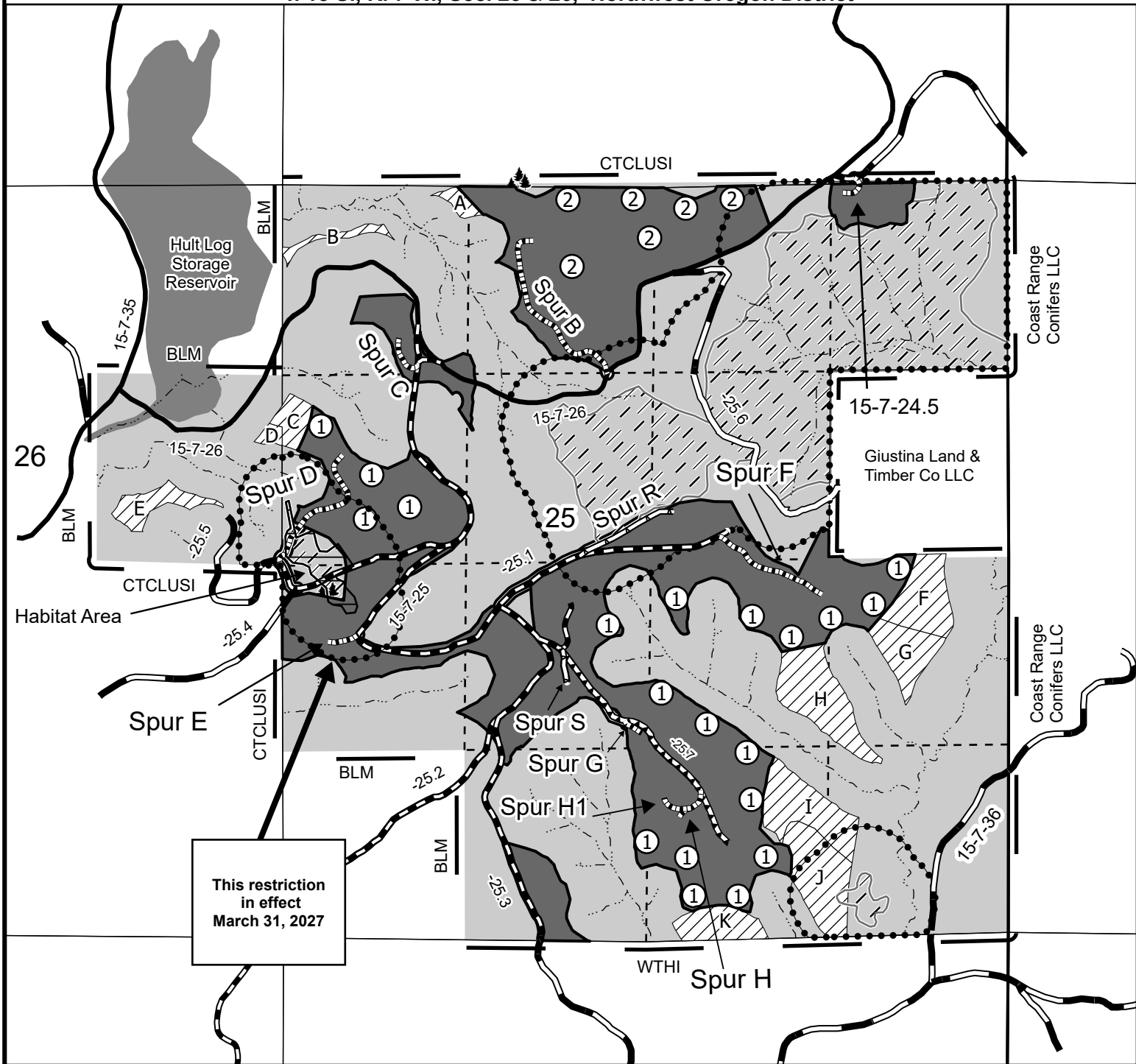


**UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management**

Exhibit W
Sheet 5 of 7

No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources and may be updated without notification.

**Electric Crossing Timber Sale Contract No. ORN03-2025.0371
T. 15 S., R. 7 W., Sec. 25 & 26, Northwest Oregon District**

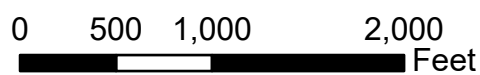


- Snag Created Openings (Types)
- Snag Thin Areas
- Partial Harvest Area
- Contract Area
- Approximate Location of Special Habitat Tree
- Special Operating Area

- Special Holding Area
- Reserve Area
- Habitat Area
- Construction
- Improvement
- Renovation

- Optional Renovation/Improvement
- Paved Road
- Rocked Road
- Natural Road

Partial Harvest Area 1	148.10
Right-of-Way Area 1	4.70
Reserve Area	442.74
Contract Area	595.54 A



Prepared By: jrand
Date: 12/19/2024 12:07:49 PM

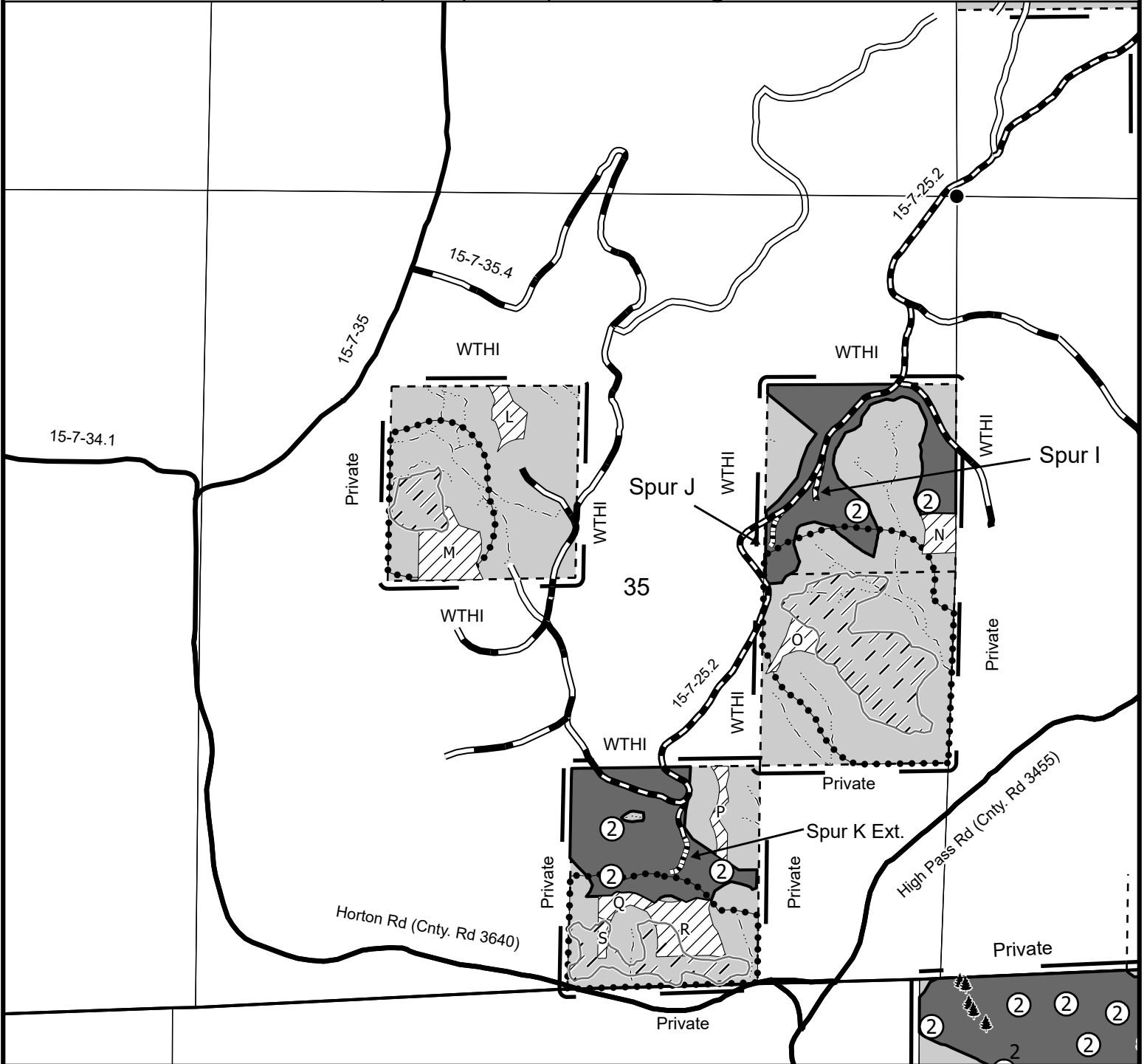


UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management

Exhibit W
Sheet 6 of 7

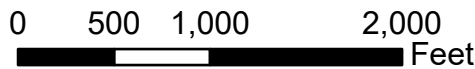
No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources and may be updated without notification.

Electric Crossing Timber Sale Contract No. ORN03-2025.0371
T. 15 S., R. 7 W., Sec. 35, Northwest Oregon District



- | | | |
|-------------------------------|----------------------|--------------|
| Snag Created Openings (Types) | Special Holding Area | Paved Road |
| Snag Thin Areas | Reserve Area | Rocked Road |
| Partial Harvest Area | Construction | Natural Road |
| Contract Area | Improvement | Found Corner |
| Special Operating Area | Renovation | |

Partial Harvest Area 2	38.60
Right-of-Way Area 2	0.50
Reserve Area	126.87
Contract Area	165.97 A



SEC. 43 - Timber Reserved From Removal and/or Cutting

- (a) All timber on the Reserve Area shown on Exhibit A and all blazed, orange painted and posted trees which are on or mark the boundaries of the Reserve Area.
- (b) All trees marked with orange paint above and below stump height in the Partial Harvest Areas shown on Exhibit A.
- (c) All trees 40" or greater in diameter at breast height (DBH) within the Partial Harvest Areas shown on Exhibit A which do not present a safety hazard as determined by the Authorized Officer. Trees 40" DBH or greater which are felled shall be retained on site.
- (d) All snags, hardwoods, or Pacific yew trees in the Partial Harvest Areas shown on Exhibit A which do not present a safety hazard as determined by the Authorized Officer. Snags, hardwoods, or Pacific yew trees felled shall be retained on site.
- (e) Approximately 18 trees marked with yellow paint above and below breast height in the Approximate Location of Special Habitat Tree shown on Exhibit A. These trees shall not be felled or damaged during logging operations.
- (f) All existing down woody material six inches or greater in diameter at the large end and greater than twenty feet in length in the Partial Harvest Areas shown on Exhibit A which do not present a safety or operational hazard.

SEC. 44 - Special Provisions

- (a) Logging
 - (1) Before beginning operations on the contract area for the first time or after a shutdown of 14 or more days, the Purchaser shall notify the Authorized Officer in writing of the date they plan to begin operations. This written notification must be received by the Authorized Officer no less than 14 days prior to the date the Purchaser plans to begin or resume operations. The Purchaser shall also notify the Authorized Officer in writing if they intend to cease operations for any period of 10 or more days.
 - (2) 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 assure protection of the environment and watershed. A pre-work conference between the Purchaser's authorized representative and the Authorized Officer's representative 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.
 - (3) In addition to the Purchaser's representative requirements listed in Section 24 of this contract, the designated purchaser's representative shall be fluent in speaking and understanding English, maintain familiarity with the contract, and be able to clearly communicate the status of any associated operations, concerns, or challenges within the contract area, excluding Exhibit C and Exhibit W provisions.
 - (4) The Purchaser shall provide warning signs and/or flaggers in accordance with Section 29 of this contract to control traffic in the contract area during active operations, including timber falling. Through roads shall not be blocked by such operations for more than 20 minutes, or as approved by the Authorized Officer.
 - (5) In the Partial Harvest Areas shown on Exhibit A, all trees designated for cutting shall be felled to lead and cut into log lengths not to exceed 40 feet before being yarded, unless otherwise directed by the Authorized Officer.
 - (6) In the Partial Harvest Areas shown on Exhibit A, all trees designated for cutting shall be yarded with limbs and tops attached, unless otherwise approved by the Authorized Officer.
 - (7) No felling, yarding, or loading shall be permitted in or through the Reserve Area shown on Exhibit A, except where allowed in Section 44(a)(8), unless otherwise directed by the Authorized Officer.

- (8) In the Reserve Area shown on Exhibit A, logs may be yarded over streams. Yarding shall be done in accordance with Section 44(a)(22). Trees felled in the Reserve Area for these cable corridors shall be felled toward the stream and retained on site unless otherwise directed by the Authorized Officer.
- (9) In the Special Yarding Area, as shown on Exhibit A (sheet 3), oak trees shall not be felled or damaged during logging operations, except when allowed in Section 43(d) or as approved by the Authorized Officer.
- (10) In the Special Landing Area shown on Exhibit A (sheet 3), landing creation shall be minimized. In addition, the authorization to cut and remove timber in the Special Landing Area, in accordance with Section 44(a)(26), known as the X-mark stipulation, is withdrawn for trees which do not present a safety hazard. This restriction extends 50 feet into the stand as measured from Right-of-Way posted trees. Additional timber requested for removal shall be approved in advance by the Authorized Officer.
- (11) In the Ground-based Yarding Area, as shown on Exhibit A (sheet 3), yarding operations shall be completed using ground-based equipment.
- (12) No felling or yarding shall be conducted in the Partial Harvest Areas shown on Exhibit A from April 15 to June 15 of each year, both days inclusive, for sap flow. This restriction may be waived by the Authorized Officer.
- (13) With the exception of hauling, daily operations within the Special Operating Areas shown on Exhibit A shall not be permitted from April 1 through August 5 of each year, both days inclusive; and shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive.
- (14) With the exception of hauling, daily operations occurring after **March 31, 2027**, within 110 yards of the Habitat Area shown on Exhibit A, shall not be permitted from April 1 through August 5 of each year both days inclusive; and shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive.
- (15) No yarding or hauling shall be conducted on natural surfaced roads during periods of wet weather, as determined by the Authorized Officer.
- (16) Prior to attaching any logging equipment to a reserve tree, the Purchaser shall obtain approval from the Authorized Officer and shall take precautions to protect the tree from damage as directed by the Authorized Officer.
- (17) Trees within striking distance of the Power Line Right-of-Way, shown on Exhibit A, shall be directionally felled away from power lines as directed by the Authorized Officer. Prior to beginning operations adjacent to the Power Line Right-of-Way, the Purchaser shall contact Blachly Lane Power Company.
- (18) A communications site is located near the terminus of Spur O1. Care shall be taken to work around existing structures. Trees within striking distance of the facility shall be directionally felled away from the facility.
- (19) There is an underground electrical power cable and TV signal wire running from the power pole, located immediately east of the 16-7-11 road in the Power Line Right-of-Way, to the headend at the existing building, approximately 120 feet east of the 16-7-11 road. Additionally, buried television and phone lines are located near the 16-7-11 road, in the vicinity of the proposed construction of Spurs O, O1, and M. A television repeater antenna is located at the end of the Spur M Right-of-Way. Prior to any operations in the area, the Purchaser shall contact the Oregon Utility Notification Center (1-800-332-2344) and request a line locate. Resolution of any damage to utilities shall be between the Purchaser and said utility owner.
- (20) With the exception of hauling and road work, no operations, personnel or vehicles are permitted in the Power Line Right-of-Way shown on Exhibit A (Sheet 3). This includes the fueling of vehicles or equipment.

- (21) Surfacing on paved roads (Road No. 15-7-26) shall be protected during operations. Rubber tired or pavement friendly grousers are required for operating on paved surfaces. No felling or loading of logs on unprotected paved surfaces. Surface protection is required for the loading and unloading of equipment not suited for paved surfaces. Damages cause by operations shall be repaired in accordance with Exhibit D and shall be at the Purchaser's expense.
- (22) In the Partial Harvest Areas shown on Exhibit A, except where ground-based yarding as allowed in Section 44(a)(24), yarding shall be done with a skyline system capable of yarding 2,600 feet slope distance from the landings and laterally yarding at least 75 feet from the skyline roads. The carriage shall be capable of being held in position on the skyline during lateral yarding. Skyline roads shall be spaced a minimum of 150 feet apart at one end, unless otherwise approved by the Authorized Officer. Space cable yarding corridors across streams no less than 100 feet apart at the stream, with an overall desire to keep an average spacing of 200 feet apart. During yarding, the lead end of the log shall be suspended clear of the ground. Full suspension shall be required when yarding over streams. Intermediate supports and/or lift trees may be needed. Before clearing any skyline road necessary for yarding in the Partial Harvest Areas, the Purchaser shall:
- (aa) Mark the location of the skyline road on the ground with fluorescent pink flagging. Flagging marking the start of each skyline road shall be clearly labeled with the skyline road number and bearing. Such skyline roads shall be limited to the minimum width necessary for yarding of logs with minimum damage to reserve trees but, in any case, the width of each skyline road shall not exceed 12 feet, unless otherwise approved by the Authorized Officer.
 - (bb) Provide a map of requested skyline road locations a minimum of 5 working days in advance of cutting to obtain approval of the locations from the Authorized Officer. The provided map shall clearly display the skyline road number, location, length, and bearing. Proposed skyline roads shall remain free from felled trees until approved.
 - (cc) Locate cable corridors over streams and above stream channel initiation points (headwalls), so that they are within 45 degrees of perpendicular to the stream, where possible.
 - (dd) Identify on the ground all trees in the Special Holding Areas shown on Exhibit A that would be impacted by skyline roads or guylines and obtain approval by the Authorized Officer prior to cutting the adjacent harvest area.
- (23) In the Partial Harvest Areas shown on Exhibit A, felling may be done with specialized ground-based equipment (feller-processor or feller-buncher) on slopes up to 50%, as determined by the Authorized Officer considering current conditions. The feller-processor or feller-buncher shall be approved by the Authorized Officer prior to the start of mechanized felling operations. Only purpose-built carriers with boom-mounted felling heads may be approved. Purpose-built carriers may be of the articulated, rubber-tired design, or the zero-clearance tail swing, leveling track-mounted design.
- (24) In the Partial Harvest Areas shown on Exhibit A, where slopes are less than 35% (or 50% if specialized ground-based equipment is used as stated in Section 44(a)(23)), yarding may be done by equipment operated entirely on designated skid trails during periods of low soil moisture. Trees shall be felled to the lead of the skid trails where possible. Before felling and yarding any timber in the area to be logged by ground-based equipment, the Purchaser shall locate and construct designated skid trails as follows:
- (aa) Mark the location of designated skid trails on the ground with fluorescent pink flagging.
 - (bb) Space designated skid trails at a minimum of 150 feet apart unless otherwise agreed to in writing by the Authorized Officer.
 - (cc) Use existing skid trails where possible.
 - (dd) Provide a map of requested skid trail locations a minimum of 5 working days in advance of cutting to obtain approval of the locations from the Authorized Officer. Proposed skid trails shall remain free from felled trees until approved.
 - (ee) Limit the width of each skid trail to a maximum of 12 feet.
 - (ff) Limit excavation on designated skid trails to a maximum cut of 1 foot and maximum length of 1,000 feet at any one location with prior approval of the Authorized Officer.

- (gg) Obtain written approval of completed construction from the Authorized Officer prior to commencing logging operations.
- (25) Before cutting and removing any trees necessary to facilitate logging in the Partial Harvest Areas shown on Exhibit A, the Purchaser shall identify the location of the skid trails in accordance with Section 44(a)(24), cable yarding roads in accordance with Section 44(a)(22), and tailhold, tieback, guyline, lift, intermediate support, and danger trees on the ground in a manner approved by the Authorized Officer at the pre-work conference and documented in the logging plan. Said Purchaser identification of trees to be cut and removed does not constitute authority to proceed with cutting and removal. In addition, before proceeding the following conditions must be met:
- (aa) All skid trails and/or cable yarding roads upon which timber is identified by the Purchaser to be cut and removed in accordance with this special provision must be necessary for the safe and expeditious removal of timber sold under this contract and shall be limited to the minimum width necessary for yarding of logs with a minimum of damage to reserve trees; however, unless otherwise approved in writing by the Authorized Officer, the width of each skid trail and/or cable yarding road shall be limited to 12 feet.
 - (bb) With the exception of the Special Holding Areas shown on Exhibit A, the Purchaser may immediately cut and remove additional timber to clear skid trails and cable yarding roads; provide tailhold, tieback, guyline, lift and intermediate support trees; and clear danger trees when the trees have been marked with blue paint above and below stump height by the Authorized Officer and thereby approved for cutting and removal by the Authorized Officer. The volume of the timber to be sold will be determined by the Authorized Officer in accordance with Bureau of Land Management prescribed procedures. No timber may be cut or removed under terms of this provision unless sufficient installment payments have been made in accordance with Section 3(b) of the contract or sufficient bonding has been provided in accordance with Section 3(f) of the contract.
 - (cc) The Purchaser agrees that sale of this additional timber shall be accomplished by a unilateral modification of the contract executed by the Contracting Officer and that such timber shall be sold at the unit prices shown in Exhibit B of this contract unless the value of the timber must be reappraised subject to the terms for contract extension set forth in Section 9 of the contract.
 - (dd) This authorization for the Purchaser to cut and remove additional timber prior to the execution of a modification may be withdrawn by the Contracting Officer if the Authorized Officer determines that the Purchaser has cut and removed any tree not previously marked and approved for cutting by the Authorized Officer, which under Section 10 of the contract constitutes a violation of the contract and under Section 13 of the contract may constitute a trespass rendering the Purchaser liable for damages under applicable law.
 - (ee) If authorization is withdrawn, the Contracting Officer shall issue a written notice to the Purchaser that the sale of additional timber under this special provision is no longer approved. In this case, the Purchaser shall inform the Authorized Officer at least 5 working days prior to the need for cutting and removing any additional timber and execute a bilateral modification prior to cutting for such additional approved timber at the unit prices shown in Exhibit B of the contract or in accordance with Section 8 or Section 9 of the contract as determined by the Authorized Officer in accordance with this provision. The Contracting Officer may issue a written order to the Purchaser to suspend, delay, or interrupt any or all contract work for the period of time deemed necessary and appropriate for the Government to safely measure and mark additional timber.

- (26) In accordance with the requirements of Section 8 of the contract it has been determined that it is in the best interest of the Government and within the provisions of 43 CFR 5402.0-6 to sell additional timber located in the Partial Harvest Area, which is obstructing needed cable yarding roads; hazardous to workers; needed for guyline, tailhold, and/or tieback trees; or severely damaged from the normal conduct of felling or yarding operations to meet all applicable State safety laws, codes or regulations. This timber must be cut or removed so that the Purchaser can continue active falling and yarding operations. The Purchaser is, therefore, authorized to cut and remove such additional timber in accordance with the provisions of Section 8 of the contract: provided, however, that:
- (aa) Trees reserved under Section 43 of the contract for wildlife habitat objectives, and trees in the Special Holding Areas shown on Exhibit A are not included in the authorization.
 - (bb) The Purchaser shall identify each tree sold and cut in accordance with the provision by marking the cut surface of the stump immediately after falling with a large "X". The "X" shall be cut with a chainsaw and marked with high visibility paint. The stump shall be marked with plastic flagging so that the stump can be visually located from a distance of not less than 100 feet.
 - (cc) The volume and price for such timber shall be determined by the Authorized Officer in accordance with Bureau of Land Management prescribed procedures and paid for by the Purchaser in accordance with Section 3(b) or 3(f) of the contract as required by Section 8 of the contract.
 - (dd) No timber may be cut or removed under the terms of this provision if all contract payments required by Section 3(b) or 3(f) of the contract have been made.
 - (ee) The permission to fell and yard additional timber contained in this provision may be withdrawn by the Contracting Officer if the Authorized Officer determines that the Purchaser:
 - (1) Failed to properly mark any stump with the "X" cut.
 - (2) Failed to identify the location of any stump.
 - (3) Cut any tree that was reserved for the tree improvement program or wildlife habitat, and including those trees reserved under Section 43 of the contract or those trees in the Special Holding Areas shown on Exhibit A.
 - (4) Cut any tree in or adjacent to cable yarding corridors that was not necessary to facilitate cable yarding.
 - (5) Cut any reserve tree in or adjacent to tractor skid roads that was not necessary to facilitate ground-based yarding.
 - (6) Failed to properly segregate any pulled over tree that was yarded to the landing.
 - (7) Cut any reserve tree that was not severely (as defined during the prework conference and documented in the approved logging plan) damaged from felling and yarding operations.
 - (8) Cut more than the minimum number of trees necessary to properly serve as guyline anchor stumps.
 - (9) Cut or topped more than the minimum number of trees necessary to properly serve as tailhold trees.
 - (10) Cut more than the minimum number of trees necessary to properly serve as tiebacks for topped tailhold trees.
 - (11) Failed to maintain accurate and current (no more than 24 hours old) documentation of cut and removed timber.

If the permission to cut and remove additional timber provision is withdrawn, the Authorized Officer shall deliver to the Purchaser a written notice that additional sale of timber under this special provision is no longer approved.

If the permission to cut and remove additional timber provision is withdrawn, the Purchaser shall inform the Authorized Officer at least 5 business days prior to the need for cutting and yarding any guyline tree, tailhold tree, tie-back tree, danger tree, corridor tree, pulled over tree, and severely damaged tree. All sales of additional timber shall comply with Section 8 of the contract.

The Contracting Officer may order the Purchaser, in writing, to suspend, delay, or interrupt all or any part of the work of this contract for the period of time that the Contracting Officer determines appropriate for the Government to safely measure and mark additional timber.

All cable yarding and/or ground-based equipment skid roads upon which timber may be cut and removed in accordance with this special provision must be needed for the removal of timber sold under this contract and shall be limited to the narrowest width necessary for the yarding of logs with minimum damage to reserved trees. The Purchaser shall be liable for damages in accordance with Section 13 of the contract for any reserved timber cut or removed in violation of the terms of this special provision.

- (27) 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 10 inches, prior to the removal of timber from the contract area. All loads of 11 logs or more will have a minimum of 10 logs clearly and legibly branded on one end regardless of the diameter of the logs. All logs will be branded on loads of 10 logs or less. One end of all branded logs to be processed domestically will be marked with a 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.

(b) Road Construction, Improvement, Renovation, Use and Maintenance

- (1) The Purchaser shall construct Spurs B, C, D, E, F, G, H, H1, J, K ext., L, M, N, O, P & Q and Road No. 15-7-24.5; renovate Spur K and Road Nos. 15-7-24.1, 15-7-25, 15-7-25.1, 15-7-25.2, 15-7-25.3, 15-7-25.4, 15-7-25.5, 15-7-35.5, 16-7-1.3 & 16-7-11; improve Spur I and Road No. 15-7-25.7 in strict accordance with the plans and specifications shown on Exhibit C, which is attached hereto and made a part hereof. Exhibit C contains 31 sheets.
- (2) The Purchaser shall have the option to renovate and/or improve Spurs R and S as shown on Exhibit A. If the Purchaser exercises their option, all costs associated with renovation, improvement and/or maintenance, shall be at the Purchaser's expense.
- (3) Prior to operations, including any unloading of logging equipment, and removal of any timber, except right-of-way timber, the required construction, renovation and/or improvement of the haul route shall be completed and accepted as specified in Exhibit C.
- (4) Culvert replacement/installation on streams shall be done between July 1 and September 15 (both days inclusive) and shall be completed prior to hauling and fall rains. During installation of the stream culverts, dewatering of the culvert bed, silt fences and/or straw bales may be required as directed by the Authorized Officer. All work shall be completed in accordance with the plans and specifications shown in Exhibit C.
- (5) With the exception of hauling, daily operations within the Special Operating Area shown on Exhibit C and D, shall not be permitted from April 1 through August 5 of each year, both days inclusive; and shall not begin until 2 hours after sunrise and shall cease 2 hours prior to sunset from August 6 through September 15 of each year, both days inclusive. These restrictions shall not be waived.
- (6) The Purchaser shall construct Spur D prior to **March 31, 2027**.
- (7) The Purchaser shall surface Spurs B, C, D, E, F, G, H, H1, I, J, K, K ext., L, M, N, O, P & Q and Road Nos. 15-7-24.1, 15-7-24.5, 15-7-25, 15-7-25.1, 15-7-25.2, 15-7-25.3, 15-7-25.4, 15-7-25.5, 15-7-25.7, 15-7-35.5, 16-7-1.3 & 16-7-11 with rock for wet weather haul. Rocking shall be in accordance with Exhibit C. If the Purchaser exercises their option to not rock any of these roads, the purchase price will be increased by the cost of surfacing as appraised at the time of sale.

- (8) The Purchaser shall furnish 750 cubic yards of maintenance rock in accordance with Exhibit D, which is attached hereto and made part hereof. Exhibit D contains 7 sheets. Additional road reinforcement (rocking) and maintenance that may be required for wet weather haul and shall be at the Purchaser's expense.
- (9) BLM Maintenance: The Purchaser is authorized to use the roads listed below and shown on Exhibit D, which are under the jurisdiction of the Bureau of Land Management (BLM) and/or the Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians (CTCLUSI) for the removal of Government timber sold under the terms of this contract and/or the hauling of rock as required in Exhibit C and Exhibit D, provided that the Purchaser pay the required maintenance and rockwear obligations described in Section 44(b)(13) and 44(b)(14). The Purchaser shall pay current Bureau of Land Management maintenance and rockwear fees for the sale of additional timber under modification to the contract.

Road No. and Segment	Length (miles)	Road Owner	Road Surface Type
15-7-26 Segs. A, B1, B2,	1.34	BLM	Paved
15-7-26 Seg. C1 por.	0.02	CTCLUSI	Paved
15-7-35 Segs. A1, A2, B, C2b	0.97	BLM	Paved
16-7-11 Segs. A, B, C2	1.84	BLM	Rocked

- (10) Third Party Maintenance: The Purchaser is authorized to use the roads listed below and shown on Exhibit D, which are under the jurisdiction of the Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians (CTCLUSI) for the removal of Government timber sold under the terms of this contract and/or the hauling of rock as required in Exhibit C and Exhibit D, provided that the Purchaser pay the required maintenance obligations described in Section 44(b)(15).

Road No. and Segment	Length (miles)	Road Owner	Road Surface Type
15-7-35 Segs. C1b & C2a	0.57	CTCLUSI	Paved

- (11) Purchaser Maintenance: The Purchaser is authorized to use the roads listed below and shown on Exhibit D which are under the jurisdiction of the Bureau of Land Management (BLM), Weyerhaeuser Timber Holdings Inc. (WTH), and/or the Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians (CTCLUSI) for the removal of Government timber sold under the terms of this contract and/or the hauling of rock as required in Exhibit C and Exhibit D provided that the Purchaser comply with the conditions set forth in Section 44(b)(12), Section 44(b)(13), Section 44(b)(15) and Section 44(b)(16) and pay the required rockwear obligations described in Section 44(b)(14). The Purchaser shall pay current Bureau of Land Management rockwear fees for the sale of additional timber under modification to the contract.

Road No. and Segment	Length (miles)	Road Owner	Road Surface Type
Spur B	0.26	BLM	Rocked
Spur C	0.06	BLM	Rocked
Spur D	0.20	BLM	Rocked
Spur E	0.04	BLM	Rocked
Spur F	0.16	BLM	Rocked
Spur G	0.03	BLM	Rocked
Spur H	0.05	BLM	Rocked
Spur H1	0.04	BLM	Rocked
Spur I	0.07	BLM	Rocked
Spur J	0.05	BLM	Rocked
Spur K	0.05	BLM	Rocked
Spur K ext.	0.03	BLM	Rocked
Spur L	0.08	BLM	Rocked
Spur M	0.09	BLM	Rocked
Spur N	0.21	BLM	Rocked
Spur O	0.07	BLM	Rocked

Spur O1	0.03	BLM	Rocked
Spur P	0.08	BLM	Rocked
Spur Q	0.03	BLM	Rocked
15-7-24.1	0.03	CTCLUSI	Rocked
15-7-24.5	0.04	BLM	Rocked
15-7-25 Segs. A, B, C	0.93	BLM	Rocked
15-7-25.1	0.33	BLM	Rocked
15-7-25.2 Segs. A1, A3, B	2.08	BLM	Rocked
15-7-25.2 Seg. A2	0.03	CTCLUSI	Rocked
15-7-25.3 Seg. A	0.32	BLM	Rocked
15-7-25.4 Seg. A	0.21	BLM	Rocked
15-7-25.5 Seg. A	0.05	BLM	Rocked
15-7-25.7	0.36	BLM	Rocked
15-7-35.4	1.00	WTH	Rocked
15-7-35.5 Seg. A	0.12	WTH	Rocked
16-7-1.3	0.06	BLM	Rocked
16-7-11 Segs. C2, D	1.32	BLM	Rocked

(12) Except for the road maintenance in accordance with Section 44(b)(9) and Section 44(b)(10), the Purchaser shall perform any required road repair and maintenance work on roads used by them, under the terms of Exhibit D, "Road Maintenance Specifications", of this contract, which is attached hereto and made a part hereof.

(13) The Purchaser shall pay the Government a road maintenance obligation in the amount of Ten Thousand Three Hundred Thirty-six and 30/100 dollars (\$10,336.30) for the transportation of timber included in the contract price over the roads listed in Section 44(b)(9).

Unless the total maintenance amount is paid prior to commencement of operations on the contract area, payments shall be made in installments of not less than One Thousand and 00/100 dollars (\$1,000.00) payable in the same manner as and together with payments required in Section 3 of this contract.

(14) The Purchaser shall pay to the Government a road maintenance obligation for rockwear in the amount of Eleven Thousand Four Hundred Eighty-nine and 88/100 dollars (\$11,489.88) for the transportation of timber included in the contract price over the roads listed in Sections 44(b)(9) and 44(b)(11).

The rockwear fee shown above shall be paid prior to removal of any timber from the contract area; provided however, that if the total of such amount exceeds One Thousand and 00/100 dollars (\$1,000.00) the Purchaser may elect to make the payments in installments in the same manner as and together with payments required in Section 3 of this contract.

(15) In the use and/or renovation of Road Nos. 15-7-24.1, 15-7-25.2 Seg. A2, 15-7-26 Seg. C1 por., and 15-7-35 Segs. C1b & C2a the Purchaser shall comply with the conditions of Memorandum of Agreement (MOA), No. BLM-OR930-3192-2 between the United States and the Confederated Tribes of Coos, Lower Umpqua, and Siuslaw Indians (CTCLUSI). Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed License Agreement. Default by the Purchaser of said MOA or any License Agreement executed pursuant thereto, for failure to pay appropriate road use fees shall be considered a violation of this contract. The amount of unpaid fees shall be considered as the amount of damage suffered by the Government as a result of the violation of this provision. Said agreement is available for inspection at the Bureau of Land Management, Northwest Oregon District's Springfield Interagency Office, 3106 Pierce Parkway, Suite E, Springfield, Oregon. Such conditions include but are not limited to the following actions by the Purchaser:

(aa) Obtain a license agreement from CTCLUSI. The license agreement and insurance certificate shall be delivered to CTCLUSI at least 15 days prior to use of company roads.

- (bb) Pay a lump sum road maintenance fee totaling One Thousand Four Hundred Forty-five and 00/100 dollars (\$1,445.00) prior to log hauling. All road maintenance fees due as a result of modification shall be due at the time of modification at a rate per MBF equal to the appropriate BLM fee current at the time of hauling. CTCLUSI is responsible for all road maintenance activities on Road No. 15-7-35.0 Segs. C1a & C2b.
 - (cc) Pay a lump sum maintenance fee for rockwear totaling Nine and 03/100 dollars (\$9.03) prior to log hauling. All rockwear fees due as a result of modification shall be due at the time of modification at a rate per MBF equal to the appropriate BLM fee current at the time of hauling.
 - (dd) Furnish a performance bond (cash or surety) in the amount of One Million and 00/100 dollars (\$1,000,000.00) in favor of the United States, conditioned upon the Purchaser's faithful performance of the terms and conditions outlined in this Agreement. Before exercising any of the rights granted herein, the Purchaser shall deliver said bond to the CTCLUSI.
 - (ee) Prior to exercising any rights granted herein, the Purchaser shall first obtain insurance in the types and amounts as shown below:
 1. Commercial General Liability covering all operations, including vehicles of the Purchaser. Bodily Injury: One Million and 00/100 dollars (\$1,000,000.00) for injury to any one person; One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence.
 2. Property Damage in the amount of One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence.
 3. Loggers Broad Form B in the amount of One Million and 00/100 dollars (\$1,000,000.00) for any one occurrence.
 - (ff) Purchaser shall maintain Road Nos. 15-7-24.1, 15-7-25.2 Seg. A2 and 15-7-26 Seg. C1 por., in accordance with Section 44(b)(11).
 - (gg) In the construction of Road No. 15-7-24.5, it is estimated that approximately 0.6 MBF (16 foot log Scribner volume) will be removed. The Purchaser shall purchase the right-of-way timber at the contract price in accordance with the specifications of CTCLUSI, the owner of the right-of-way timber.
- (16) In the renovation and/or use of Road Nos. 15-7-35.4 and 15-7-35.5 Seg. A, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. E-340 between the United States of America and Weyerhaeuser Timber Holdings, Inc. (WTH). Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed License Agreement. Default by the Purchaser of said Right-of-Way Agreement or any License Agreement executed pursuant thereto, for failure to pay appropriate road use fees shall be considered a violation of this contract. The amount of unpaid fees shall be considered as the amount of damage suffered by the Government as a result of the violation of this provision. Said agreement is available for inspection at the Bureau of Land Management, Northwest Oregon District's Springfield Interagency Office, 3106 Pierce Parkway, Suite E, Springfield, Oregon. Such conditions include but are not limited to the following actions by the Purchaser:
- (aa) Obtain a license agreement from WTH. The license agreement and insurance certificate shall be delivered to WTH at least 15 days prior to use of company roads.
 - (bb) Furnish a performance bond in the amount of Ten Thousand and 00/100 dollars (\$10,000.00).
 - (cc) 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.
 - (dd) Pay a lump sum maintenance fee for rockwear totaling Five Hundred and 99/100 dollars (\$500.99) prior to log hauling. All rockwear fees due as a result of modification shall be due at the time of modification at a rate per MBF equal to the appropriate BLM fee current at the time of hauling.

- (ee) Purchaser shall maintain Road Nos. 15-7-35.4 and 15-7-35.5 Seg. A in accordance with Section 44(b)(11).
- (17) With the prior written approval of the Authorized Officer, the Purchaser may arrange for cooperative maintenance with other users on roads included in Section 44(b)(11) of this contract; 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. Prior to hauling, the Purchaser shall furnish the Authorized Officer a copy of any cooperative maintenance agreement(s) entered into with other users on these roads.
- (18) The Purchaser also agrees that if they elect to use any private road, other than those provided for in this contract, 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, they shall request and agree to the modification of this contract to provide for such use.

(c) Environmental Protection

- (1) Upon each season’s shutdown, and prior to the onset of wet weather, the Purchaser shall block skid trails and natural surfaced roads as directed by the Authorized Officer and shall place them in an erosion-resistant condition by constructing drainage dips, waterbars, and/or lead-off ditches. The waterbars and drainage dips shall be constructed in accordance with the specifications shown on Exhibit H, which is attached hereto and made a part hereof. Exhibit H contains 2 sheets. Blocking shall be completed as directed by the Authorized Officer.
- (2) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall, upon completion of hauling, complete the following decommissioning measures according to the road schedule below. All decommissioning shall be completed during the dry season and as directed by the Authorized Officer.
 - (aa) Decompact and/or block skid trails and natural surfaced roads and landings to an 18” depth, with decompaction equipment, such as a track-mounted excavator.
 - (bb) Construct drainage dips, waterbars and/or lead-off ditches as directed by the Authorized Officer. Waterbars and drainage dips shall be constructed in accordance with the specifications shown on Exhibit H.
 - (cc) Place logging slash greater than 6 inches in diameter, where available, on surfaces in a discontinuous pattern, as directed by the Authorized Officer.
 - (dd) Purchaser shall block roads with earthen barricades constructed in accordance with specifications shown on Exhibit J, sheet 1, which is attached hereto and made a part hereof.

Road Number	If not rocked				If rocked	
	(aa)	(bb)	(cc)	(dd)	(bb)	(cc)
	Decompact	Drainage	Logging Slash	Block	Drainage	Block
Skid Trails	X	X	X	X	-	-
15-7-24.5		X		X	X	
15-7-25.7		X		X	X	X
Spur B		X		X	X	X
Spur C		X		X	X	
Spur D		X		X	X	X
Spur E		X		X	X	
Spur F		X		X	X	
Spur G	X	X		X	X	
Spur H		X		X	X	
Spur H1		X		X	X	
Spur I		X		X	X	X
Spur J		X		X	X	X
Spur K Ext		X		X	X	
Spur L		X		X	X	
Spur M		X		X	X	

Spur N		X		X	X	X
Spur O		X		X	X	
Spur O1		X		X	X	
Spur P		X		X	X	
Spur Q		X		X	X	
Spur R#		X		X	X	X
Spur S#	X	X		X	X	X

optional renovation/improvement

- (3) In addition to the drainage requirements listed above, and as specified on Exhibit H, waterbars shall be placed within 25 feet upslope of all remaining cross drains on roads that are blocked after operations. Waterbars shall be keyed into existing ditches and ditch dams shall be constructed to capture flow, as approved by the Authorized Officer.
- (4) Cable yarding corridors shall be waterbarred immediately after use, if necessary to prevent erosion, as determined by the Authorized Officer.
- (5) In order to prevent the spread of noxious weeds, the Purchaser shall be required to clean logging, road, decommissioning, and slash disposal equipment prior to entry onto BLM lands as directed by the Authorized Officer.
- (6) Snag Creation

Within the Snag Thin Areas and Approximate Location of Snag Created Openings shown on Exhibit W, the Purchaser shall select and girdle a total of Three Thousand Nine Hundred Seventy (3,970) trees within one year of the completion of yarding. One Thousand Two Hundred Twenty-seven (1,227) trees shall be selected for high girdling and Two Thousand Seven Hundred Forty-three (2,743) trees shall be selected for low girdling. Of those 2,743 trees selected for low girdling, Five Hundred Forty-nine (549) may be created as operationally created snags. See Exhibit W for specifications, locations, and distribution, which is attached hereto and made a part hereof. Exhibit W contains 7 sheets.

Within Snag Created Openings, shown on Exhibit W, girdled trees will be selected from orange painted reserve trees. All girdled trees shall be reserved in accordance with Section 43. The Purchaser agrees that if the BLM determines a reduction in the number of girdled trees specified in the Exhibit W is necessary, then it shall be accomplished by unilateral modification of the contract executed by the Contracting Officer. Such adjustment will result in an increase of purchase price and shall be made at the original Exhibit W appraised values.

(d) Fire Prevention

- (1) 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. Current IFPL can be found at the following website address: <https://gisapps.odf.oregon.gov/firerestrictions/ifpl.html>.

(e) Logging Residue Reduction

- (1) In addition to the requirements of Sections 15 and 26 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 logging residue reduction and/or site preparation measures required by this contract:
- (aa) Prior to commencement of any logging residue reduction and/or site preparation, a prework conference between the Purchaser's representative and the Authorized Officer must be held at a location designated by the Authorized Officer. All logging residue reduction and/or site preparation shall be done in accordance with the plans developed at the prework conference.
- (bb) Machine pile and cover all slash situated within twenty-five (25) feet of roads 15-7-24.5, 15-7-25, 15-7-25.1, 15-7-25.2, 15-7-25.3, 15-7-25.4, 15-7-25.7, 15-7-26, 15-7-35.5, 16-7-1.3, 16-7-11, and Spurs B through S. Slash shall be piled by a machine equipped with a hydraulic thumb or a controllable, grapple head. Piles shall be piled from the top. Finished piles shall be tight and free of dirt.
- (1) Machine piles shall be located as far as possible from reserve trees, snags, culverts, powerlines, other facilities, or unit boundaries to minimize damage. Piles shall not be built on stumps or residual large diameter logs.
 - (2) Machine piles shall not be constructed or burned within 50 feet of the Powerline Right-of-Way.
 - (3) Slash between two (2) inches and nine (9) inches in diameter on the large end, having a minimum length of three (3) feet shall be piled as directed by Authorized Officer. Pile size shall be a maximum of sixteen (16) feet in diameter by twelve (12) feet in height, and minimum pile size shall be eight (8) feet in diameter by six (6) feet in height or as directed by the Authorized Officer. No piece of slash shall extend more than two (2) feet from the main pile. Slash left on the ground shall not exceed six (6) inches in depth. No piece greater than 12 inches diameter may be piled.
 - (4) All piles shall be covered with black four (4) mil polyethylene plastic to cover at least seventy-five (75) percent of the surface of each pile. There shall be an adequate supply of finer fuels located within and under the covered area of the pile to ensure ignition of the larger fuels. Plastic shall be draped over the top of the pile, held in place with woody debris, and tied with combustible cord. The plastic must be secured so that it is held in place during strong wind conditions and maintains coverage for at least one year. The Purchaser is required to furnish the covering materials. Covering shall be completed within thirty (30) days of completion of piling or as directed by the Authorized Officer.
 - (5) Harvest Areas shall be piled during the same season they are logged.
- (cc) Pile and cover landing slash within twenty-five (25) feet of the edge of each landing. All tops, broken pieces, limbs and debris more than two (2) inches 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 piled from the top and kept free of dirt and located at least twenty (20) feet from any reserve tree and/or as directed by the Authorized Officer. No piece of slash shall extend more than two (2) feet from main pile. No piece greater than 12 inches in diameter may be in pile.
- (1) All logs greater than six (6) inches in diameter at the large end and longer than eight (8) feet in length shall be decked or windrowed at the location designated by the Authorized Officer, except logs sold and removed from the contract area.
 - (2) Upon completion of landing piling, the Purchaser shall prepare the landing piles for burning by securely covering each landing pile with black four (4) mil polyethylene plastic. Landing piles shall be at least seventy-five (75) percent covered with the covering extending three-quarters of the way down all sides.

There shall be an adequate supply of finer fuels located within and under the covered area of the pile to ensure ignition of the larger fuels. Plastic shall be draped over top of the pile and held in place with woody debris and tied with combustible cord. The plastic must be secured so that it is held in place during strong wind conditions and maintains coverage for at least one year. 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. 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.

- (dd) All logs or debris more than six (6) inches in diameter at the large end and longer than five (3) feet in length shall be yarded away from the designated handline using designated yarding equipment concurrently with yarding of other logs to provide a twenty-five (25) foot wide corridor free of that size material. If a log or piece of log or debris meeting or exceeding the above specifications is bucked and left in place, all portions of that log or debris shall be yarded as described above.
 - (ee) Handline to mineral soil two (2) feet wide within a ten (10) foot wide clear corridor shall be located, constructed, and maintained as directed by the authorized officer not to exceed 6,500 horizontal feet in length, as shown on Exhibit F. Construction of handline involving chainsaw use is seasonally restricted as stated in Section 44(a)(13). Concentrations of slash containing burnable material less than 6 inches in diameter shall be pulled back 10 feet from mineral soil handline and dispersed internally into unit. Berms of soil shall be placed away from unit. Handline shall be constructed within thirty (30) days of notification by the Authorized Officer.) (Water bars shall be constructed and maintained on the handline to the satisfaction of the Authorized Officer.)
- (2) Notwithstanding the provisions of Section 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 44(e). In accordance with written instruction to be issued by the Authorized Officer at least 10 days in advance of the earliest date of required performance, the Purchaser shall, under supervision of the Authorized Officer or designated representative, assist in preparing units for burning, mop-up, and patrol by furnishing, at the Purchaser's own expense, the services of personnel and equipment on harvest area as shown below:
- (aa) For Igniting, Holding, and Mop-Up of Piles:
 - (1) One (1) work leader (Firefighter Type 1 (FFT1)) to supervise crew and equipment operations, and to serve as Purchaser's representative.
 - (2) Two (2) person crew (Firefighter Type 2 (FFT2)).
 - (3) Sufficient fuel for burning, five (5) drip torches or propane burners, one (1) power saw, and one (1) backpack pump, one (1) tool for each crew member.
 - (4) 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.
 - (5) All ignition, holding, 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 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 cutting unit 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.

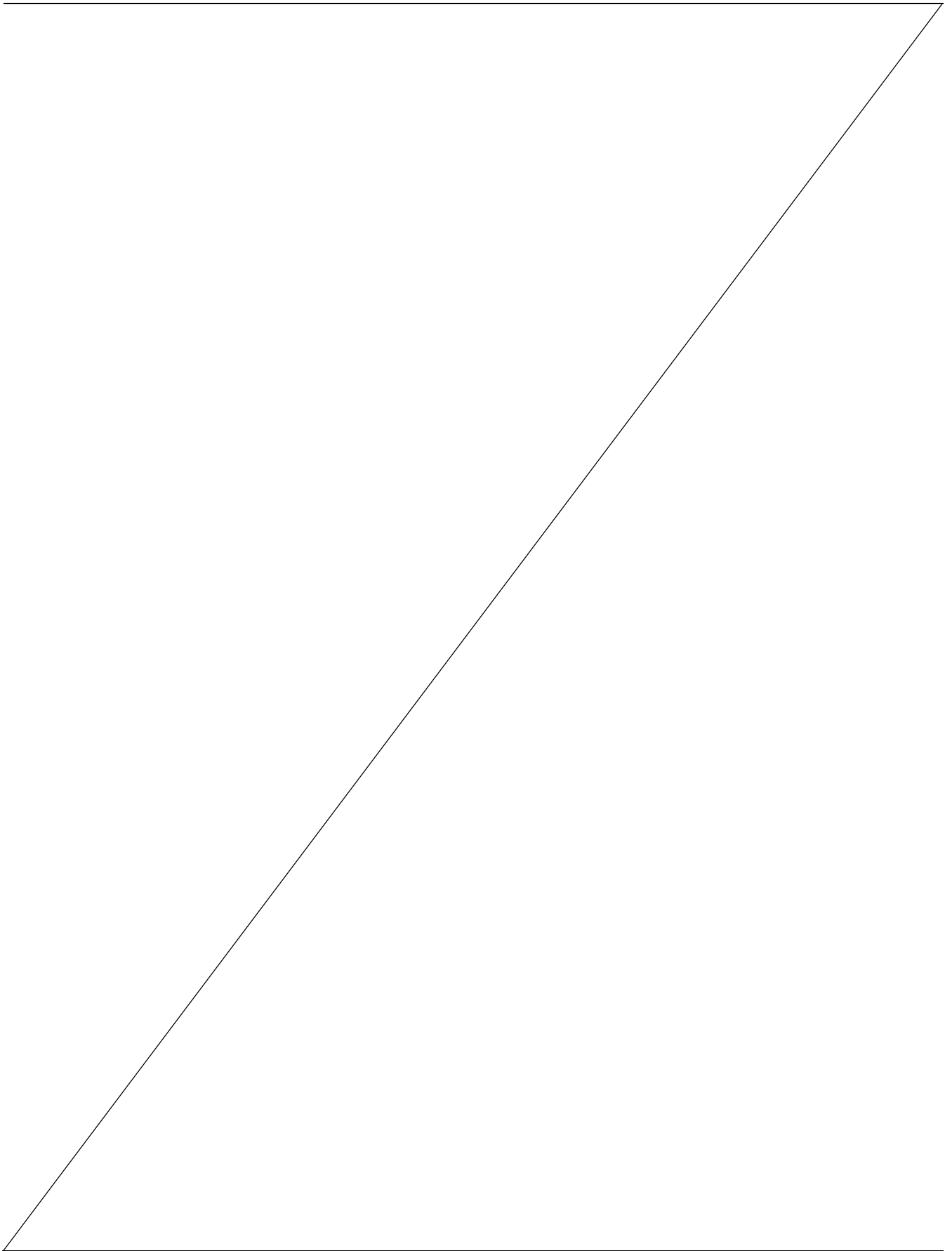
In situations where an escaped fire is controlled and contained by an adequate fire break (i.e., trail, road, stream, rock formation, etc.), the Government may permit the Purchaser to remove personnel for that day; provided that all mop up work on the escaped fire is included with mop up work on the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

(f) Buyout Securities

- (1) The Purchaser shall burn piles and mop-up in accordance with Section 44(e)(3). The Purchaser shall have the option of completing this work, or in lieu thereof, may make a buyout security deposit to the Bureau of Land Management in the amount of Six Thousand Five Hundred and One Dollars and 32/100 (\$6,501.32), and upon making such deposit, the Purchaser shall be relieved of the obligations set out in this subsection. The Purchaser shall notify the Authorized Officer of their intention to make this deposit prior to the date of execution of this contract, and the Purchaser shall pay such amount in full prior to the commencement of operations.





**United States
Department of the Interior
Bureau of Land Management**

Timber Appraisal

Sale Name: Electric Crossing	Sale Date: Thursday, March 27, 2025
BLM District: NW Oregon DO	Unit of Measure: 16' MBF
Contract #: ORN03-TS-2025.0371	Contract Term: 36 months
Sale Type: Advertised	Contract Mechanism: 5450-003 Lump Sum Sale of Timber and other Wood Products

Content

Timber Appraisal Summary
Stumpage Summary
Unit Summary
Stump to Truck
Transportation
Engineering Allowances
Other Allowances

Prepared By: Zimmerlee, Chance Z - 2/20/2025

Approved By: Barclay, Brian W - 2/20/2025

Legal Description of Contract Area

Land Status	County	Township	Range	Section	Subdivision	Meridian
O&C	Lane	15S	7W	25	Lots 3,4,5 and 6, SW1/4NE1/4, NW1/4, N1/2SW1/4, SE1/4SW1/4, W1/2SE1/4	Willamette
PD	Lane	15S	7W	26	SE1/4 NE1/4	Willamette
O&C	Lane	15S	7W	35	Lot 2, SE1/4NE1/4, SE1/4NW1/4, NE1/4SE1/4	Willamette
O&C	Lane	16S	7W	01	Lots 2,3 and 4, SW1/4NE1/4, S1/2NW1/4, SW1/4, W1/2SE1/4	Willamette

Species Totals

Species	Net	Gross Merch	Gross	# of Merch Logs	# of Cull Logs	# of Trees
Douglas Fir	7,451.0	7,636.0	7,655.0	168,522	732	39,696
Western Hemlock	500.0	516.0	532.0	8,587	81	2,291
Totals	7,951.0	8,152.0	8,187.0	177,109	813	41,987

Cutting Area Acres

Regeneration Harvest Acres	Partial Cut Acres	Right of Way Acres	Total Acres	Net Volume per Acre
0.0	388.0	8.0	396.0	20.1

Logging Costs

Stump to Truck	\$2,150,230.66
Transportation	\$468,740.00
Road Construction	\$851,544.78
Maintenance/Rockwear	\$73,445.24
Road Use	\$0.00
Other Allowances	\$266,976.13
Total:	\$3,810,936.81
Total Logging Cost per MBF:	\$479.30

Utilization Centers

<u>Location</u>	<u>Distance</u>	<u>% of Net Volume</u>
Eugene/Springfield	40.0 miles	100%

Profit & Risk

Profit	11%
Risk	0%
Total Profit & Risk	11%

Tract Features

Quadratic Mean DBH	13.5 in
Average GM Log	46 bf
Average Volume per Acre	20.1 mbf
Recovery	97%
<u>Net MBF volume:</u>	
Green	7,951.0 mbf
Salvage	0 mbf
Export	0 mbf
<u>Ground Base Logging:</u>	
Percent of Sale Volume	15%
Average Yarding Slope	15%
Average Yarding Distance	400 ft
<u>Cable Logging:</u>	
Percent of Sale Volume	85%
Average Yarding Slope	40%
Average Yarding Distance	1300 ft
<u>Aerial Logging:</u>	
Percent of Sale Volume	0%
Average Yarding Slope	0%
Average Yarding Distance	0 ft

Cruise

Cruise Completed	December 2024
Cruised By	Chance Zimmerlee and Albert Rule

Cruise Method

Cruise was variable plot with 20 BAF. Right of Ways were cruised using 3 P method

Stumpage Computation

Species	# of Trees	Net Volume	Pond Value	(-) Profit & Risk	(-) Logging Costs	(+) Marginal Log Value	Appraised Price/MBF	Appraised Value (\$)
Douglas Fir	39,696	7,451.0	\$687.85	\$75.66	\$479.30	\$0.00	\$132.90	\$990,237.90
Western Hemlock	2,291	500.0	\$457.82	\$50.36	\$479.30	\$0.00	\$45.80 *	\$22,900.00
Totals	41,987	7,951.0						\$1,013,137.90

* Minimum Stumpage values were used to compute the Appraised Price/MBF (10.00% of Pond Value)

Other Wood Products

Product	Unit of Measure	# of Units	\$/Unit	Appraised Value
Clean Chips	Green Tons	1	\$5.00	\$5.00
Totals				\$5.00

Total Appraised Value: \$1,013,142.90

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				36.0%	56.0%	8.0%	

Species	Peeler	No. 1 Sawmill	Special Mill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	Camp Run
Western Hemlock				51.0%	43.0%	6.0%	

Unit: 1

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	2,657.0	2,723.0	2,730.0	14,520
Western Hemlock	177.0	183.0	189.0	827
Totals:	2,834.0	2,906.0	2,919.0	15,347

Net Volume/Acre: 19.1 MBF

Regeneration Harvest	0.0
Partial Cut	148.0
Right of Way	0.0
Total Acres:	148.0

Unit: 2

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	700.0	718.0	720.0	3,826
Western Hemlock	47.0	48.0	50.0	218
Totals:	747.0	766.0	770.0	4,044

Net Volume/Acre: 19.2 MBF

Regeneration Harvest	0.0
Partial Cut	39.0
Right of Way	0.0
Total Acres:	39.0

Unit: 3

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	3,609.0	3,698.0	3,708.0	19,719
Western Hemlock	241.0	249.0	257.0	1,122
Totals:	3,850.0	3,947.0	3,965.0	20,841

Net Volume/Acre: 19.2 MBF

Regeneration Harvest	0.0
Partial Cut	201.0
Right of Way	0.0
Total Acres:	201.0

Unit: row 1

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	297.0	304.0	304.0	992
Western Hemlock	28.0	29.0	29.0	92
Totals:	325.0	333.0	333.0	1,084

Net Volume/Acre: 65.0 MBF

Regeneration Harvest	0.0
Partial Cut	0.0
Right of Way	5.0
Total Acres:	5.0

Unit: row 2

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	41.0	42.0	42.0	167
Totals:	41.0	42.0	42.0	167

Net Volume/Acre: 41.0 MBF

Regeneration Harvest	0.0
Partial Cut	0.0
Right of Way	1.0
Total Acres:	1.0

Unit: row 3

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	147.0	151.0	151.0	472
Western Hemlock	7.0	7.0	7.0	32
Totals:	154.0	158.0	158.0	504

Net Volume/Acre: 77.0 MBF

Regeneration Harvest	0.0
Partial Cut	0.0
Right of Way	2.0
Total Acres:	2.0

Total Stump To Truck	Net Volume	\$/MBF
\$2,150,230.66	7,951.0	\$270.44

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

Yarding System	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Cable: Medium Yarder	GM MBF	6,657.0	\$270.51	\$1,800,785.07	5 loads/day 5mbf/load total mbf/day 25
Wheel Skidder	GM MBF	962.0	\$248.51	\$239,066.62	5loads/day 5mbf/load total MBF/day 25
Wheel Skidder	GM MBF	533.0	\$207.09	\$110,378.97	6 loads/day 5mbf/load total mbf /day30
Subtotal				\$2,150,230.66	

Additional Costs

Item	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Subtotal				\$0.00	

Additional Moves

Equipment	Unit of Measure	# of Units of Measure	\$/Unit of Measure	Total Cost	Remarks
Subtotal				\$0.00	

Total	Net Volume	\$/MBF
\$468,740.00	7,951.0	\$58.95

Utilization Center	One Way Mileage	Description	Unit of Measure	# of Units	\$/Unit of Measure	Total Cost	% of Sale Volume
Eugene/Springfield	40.0	Log Haul	GM MBF	8,152.0	\$57.50	\$468,740.00	100%

Comments:

\$115.00/hour x 2.50 Hours round trip (60 min delay included) = \$287 per trip/5.0 mbf. per load = \$57.50

Engineering Allowances

Total	Net Volume	\$/MBF
\$924,990.02	7,951.0	\$116.34

Cost Item	Total Cost
Road Construction:	\$851,544.78
Road Maintenance/Rockwear:	\$73,445.24
Road Use Fees:	\$0.00

Total	Net Volume	\$/MBF
\$266,976.13	7,951.0	\$33.58

Environmental Protection

Cost item	Total Cost
Equipment Washing	\$200.00
Subtotal	\$200.00

Logging

Cost item	Total Cost
Low Girdle	\$82,290.00
High girdle	\$122,700.00
Administration Cost for tree girdling	\$20,499.00
Subtotal	\$225,489.00

Miscellaneous

Cost item	Total Cost
Road Decommissioning	\$8,555.40
Subtotal	\$8,555.40

Road Construction, Maintenance, Use, & Decommissioning

Cost item	Total Cost
Skid Trail/Landing Decommissioning	\$753.48
Subtotal	\$753.48

Slash Disposal & Site Prep

Cost item	Total Cost
Fuel Appraisal	\$31,978.25
Subtotal	\$31,978.25

Comments:

Snag creation cost taken from miscellaneous logging cost guide.