PROSPECTUS

LUMP SUM SALE
SBA SET - ASIDE
Sale Date: December 15, 2026

(1) Roseburg Sale No.: 2027.0002 **Sale Name:** East Dice
Douglas County, Oregon: O&C: Oral Auction **Bid Deposit Required:** $57,700.00

All timber designated for cutting on:

N½NE¼, E½SW¼NE¼, SE¼NE¼	Sec. 7,	T. 31 S.,	R. 8 W.,	Willamette Meridian
E½NE¼, E½SE¼, SW¼ SE¼	Sec. 35,	T. 30 S.,	R. 9 W.,	Willamette Meridian
SE¼NE¼, W½SW¼, SE¼SW¼	Sec. 1,	T. 31 S.,	R. 9 W.,	Willamette Meridian

Approx. Number Merch. Trees	Est. Vol. MBF 32' Log	Species	Est. Vol. MBF 16' Log	Appraised Price Per MBF		Est. Volume Times Appraised Price
15,027	2803	Douglas-fir	3,445	**$164.80**	**	$567,736.00
745	124	Grand Fir	153	**$44.60**	*	$6,823.80
63	5	Incense-cedar	7	**$35.80**	*	$250.60
61	5	Western Hemlock	5	**$47.40**	*	$237.00
11	1	Western Redcedar	1	**$219.60**	**	$219.60
15,907	**2,938**		**3,611**			**$575,267.00**

***** Minimum Stumpage Values were used to compute the Appraised Price/MBF (10% of Pond Value)
** Surplus species stumpage has been reduced to compensate for species stumpage below minimum price policy (10% of Pond Value)

Product	Unit of Measure	Estimated Number of Units	Appraised Price Per Green Ton	Estimated Volume Times Appraised Price
Biomass	Green Tons	**261**	**$3.00**	**$783.00**

Total Appraised Value:	**$576,050.00**

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 actual purchase price.

APPRAISED PRICES are determined by analytical appraisal methods unless otherwise noted on individual timber sale notices.

LOG EXPORT AND SUBSTITUTION RESTRICTIONS: 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.

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.

CRUISE INFORMATION: For all Harvest Areas except the Variable-Retention Regeneration Harvest portion of Harvest Area 7: the timber volumes for all merchantable tree species are based on a variable plot cruise, containing a total of 154 plots and 282 randomly selected sample trees. Plots were measured using a 20 basal area factor (BAF). All merchantable trees with a DBH of 34" or greater were 100% cruised.

In the Variable-Retention Regeneration Harvest portion of Harvest Area 7: Douglas-fir, Grand Fir, and Incense-cedar were 3P sampled, containing a total of 36 randomly selected sample trees. While, Western Redcedar and Western Hemlock were 100% cruised. All merchantable trees with a DBH of 34" or greater were 100% cruised. The sample trees have been cruised and their volume computed on form class tables for estimating volume in 16-foot lengths. The volume of the randomly selected sample trees has been expanded to a total sale volume. A map showing the location of plots and sample trees is available at the Roseburg District Office.

With respect to merchantable trees of all species: the average tree is 14.4 inches D.B.H.O.B., the average log contains 58 bd. ft., the total gross volume is approximately 3,888 MBF and 93% recovery is expected.

CUTTING AREA: The sale is comprised of an area of approximately 119 acres distributed throughout 7 harvest areas. An area of approximately 41 acres distributed throughout 4 units will be thinned, an area approximately 78 acres distributed throughout 4 units will be variable-retention regeneration harvested.

TIMBER ACREAGE:

Area 1: 21 acres	Area 3: 2 acres	Area 5: 22 acres	Area 7: 39 acres
Area 2: 9 acres	Area 4: 8 acres	Area 6: 18 acres	R/W: 1 acre

ACCESS: Access to the sale area is provided by Government and privately controlled roads.

DIRECTIONS TO SALE AREA: From Roseburg, proceed south on Interstate 5 approximately 5.5 miles to Exit 119 towards Winston. Then, travel west on Old Highway 99 for approximately 3 miles. At the intersection of Old Highway 99 and Highway 42 (NW Douglas BLVD), turn right, heading West onto Highway 42. Proceed approximately 17.5 miles, turn left (at the Camas Valley Rural Volunteer Fire District), heading South, onto Burma Road (131S). From there, follow the Exhibit D map to the sale area and Harvest Area 7.

From Burma Road, proceed West on Highway 42 approximately 5 miles, turn left, heading South onto Twelve Mile. From there, follow the Exhibit D map to the sale area and Harvest Areas 1 - 6.

ROAD MAINTENANCE: Rockwear and maintenance fees of $22,198.22 will be required to be paid to the BLM; rockwear and maintenance fees of $38,282.39 will be required to be paid to Roseburg Resources Co.

ROAD CONSTRUCTION: Estimates include the following: renovate 366+60 stations of road and construct 4+65 stations of road. Additional information is available in Exhibit C and Exhibit D of the Timber Sale Contract.

DURATION OF CONTRACT will be **36 months** for cutting and removal of timber. The contract will contain SPECIAL PROVISIONS regarding: logging; road construction, renovation, maintenance, and use; environmental protection; administrative check scaling; fire prevention and control; slash disposal and site preparation; buyout securities; log branding and painting; and small business administration (SBA) set aside.

ADDITIONAL INFORMATION: This prospectus includes maps and tables that cannot be made Section 508 compliant. For help with its data or information, please contact the Roseburg District Office at 541-440-4930.

NOTES:

1. Seasonal restrictions apply to this sale regarding logging operations, use of native surfaced roads and road work. Refer to Sections 44(A)(5)(b), 44(A)(6)(b), 44(A)(7)(b), 44(A)(12), 44(A)(13), 44(A)(14), 44(A)(15), 44(B)(2), 44(C)(3)(c), 44(C)(4)(d), and 44(F)(1)(e)(8) for details. A "seasonal restriction matrix" is included with this prospectus to serve as a guide in planning and scheduling operations.

2. For Harvest Areas 1, 2, 3, and 7, and portion of Harvest Area 4, as shown on Exhibit G, no operations, except portions of road renovation and hauling, may be conducted from March 1 to September 15, both days inclusive of each calendar year due to the potential disruption of spotted owls.

   The government shall conduct surveys to determine whether spotted owls are present within one quarter (0.25) mile of the Harvest Areas. If it is determined that spotted owls are not nesting, the Authorized Officer may, in writing, lift the seasonal restriction for that year.

3. License agreements with Lone Rock Timberland Co. and Roseburg Resources Co. are required. The terms and conditions of the license agreement are available for inspection at the Roseburg District Office.

4. During logging operations, the Purchaser shall keep Road 30-9-11.0 (Twelve Mile) and Road 31-8-8.2, clear of trees, rock, dirt and other debris so far as is practicable. The road shall not be blocked by such operations for more than thirty (30) minutes unless otherwise approved by the Authorized Officer.

5. Slash disposal requirements consist of the following: machine piling, covering and burning slash and debris within a fifty (50) foot radius of landings (approximately 65 landings); in unit machine piling, covering and burning slash within portion of Harvest Areas 1 and 5, designated for ground-based harvest (approximately 14 acres); in unit hand piling, covering and burning slash within Harvest Area 6 and portion of Harvest Areas 1, 5, and 7, designated for cable harvest (7 acres). The Purchaser will have the option to assist in burning or to make a buyout security deposit to the Bureau of Land Management in lieu thereof. Refer to Sections 44(F) and 44(H) for details.

6. Upon completion of logging operations, the Purchaser shall, perform subsoiling operations on approximately zero and seven tenths (0.7) miles of landings, main skid trails, and associated compacted areas such as turnouts, truck turnarounds and log decking areas as designated by the Authorized Officer. Refer to Section 44(C)(4) for details.

7. As appraised, approximately 85% of the sale area is available for wet season operations, including Harvest Areas 2, 6, and 7, and portions of Harvest Areas 1, 4, and 5 (101 acres). Wet season operations may be maximized at the Purchaser's expense by:
   - Adding rock to Road 31-9-1.5 adjacent to Harvest Unit 5, as necessary for wet season cable yarding, instead of ground-based yarding (approximately 10 acres).

In order to maximize wet season operations, a logging plan must be submitted and approved by the Authorized Officer.

8. This contract contains provisions for the sale and removal of additional timber necessary to facilitate safe and efficient Purchaser operations. It is estimated that approximately 43 MBF of such additional timber would be removed under the contract but is not included in the advertised sale volume. Refer to Sections 44(A)(10) and 44(A)(11) for details.

9. TIMBER RESERVED FROM CUTTING - All trees in Harvest Areas 1 - 7, as shown on Exhibit A, that are both greater than or equal to (≥) forty (40) inches diameter at breast height (DBH) **and** were established prior to 1850, as determined by the Authorized Officer. Refer to Sections 43(f), 44(A)(10)(b), 44(A)(11)(b), 44(A)(11)(f)(3) for details.

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

Section 43. TIMBER RESERVED FROM CUTTING -The following timber in the Contract Area is hereby reserved from cutting and removal under the terms of this contract and is retained as the property of the Government.

(a) All timber on the Reserve Areas, except trees designated along Road 30-9-11.0, Road 31-9-1.2, and Road 31-8-8.3, by the Government with yellow paint above and below stump height, may be cut but not removed, as shown on Exhibit A.

(b) All timber on the Reserve Areas, except approximately 46 (forty-six) trees marked for cutting heretofore by the Government with blue paint above and below stump height along Road 31-7-36.1 Segment B, as shown on Exhibit A.

(c) All retention trees marked with orange paint above and below stump height within the cutting areas and all orange painted and posted trees which are on or mark the boundaries of the Reserve Areas, as shown on Exhibit A.

(d) All existing downed trees at the time of the timber cruise classified as decay Classes 3, 4, and 5 within the Harvest Areas, as shown on Exhibit A. Reserved existing downed trees may be bucked to facilitate yarding. Decay classes are illustrated on Exhibit E, which is attached hereto and made a part hereof.

(e) All snags in the Harvest Areas, as shown on Exhibit A. Snags which pose a hazard to operations may be felled with the approval of the Authorized Officer.

(f) All trees in Harvest Areas 1 - 7, as shown on Exhibit A, that are both greater than or equal to (≥) forty (40) inches diameter at breast height (DBH) **and** were established prior to 1850, as determined by the Authorized Officer. Refer to Sections 44(A)(10)(b), 44(A)(11)(b), 44(A)(11)(f)(3) for details.

Section 44. The Purchaser shall comply with the special provisions which are attached hereto and made apart hereof, unless otherwise authorized in writing by the Authorized Officer.

Section 44(A) Logging:

(1) Before beginning operations on the Contract Area for the first time or after a shutdown of ten (10) or more days, the Purchaser shall notify the Authorized Officer in writing of the day they plan to begin operations. The Purchaser shall also notify the Authorized Officer in writing if they intend to cease operations for any period of ten (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 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 developed by this provision.

(3) In the Harvest Areas shown on Exhibit A, all trees designated for cutting which are within one hundred (100) feet of the Reserve Areas shall be felled and yarded away from these areas.

(4) No yarding, skidding or log loading is permitted in or through the Reserve Areas or retention aggregates as shown on Exhibit A, unless otherwise approved by the Authorized Officer.

(5) In Thinning Harvest Areas 2, 3 and 4, and portion of Thinning Harvest Area 7, shown on Exhibit A and Exhibit F, all trees designated for cutting shall be manually felled, limbed and cut into log lengths not to exceed forty-two (42) feet before being yarded, unless otherwise approved by the Authorized Officer. Thinning Harvest Area 3, and portion of Thinning Harvest Area 4, may be felled mechanically using a feller-processor or feller-buncher with the approval of the Authorized Officer and in accordance with the following specifications:

   (a) Mechanized felling operations shall generally be limited to slopes of thirty-five (35) percent or less.

   (b) Mechanized felling operations are subject to seasonal operating restrictions as described in Section 44(A)(7)(b) of this contract.

   (c) 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. The purpose-built carrier may be of the articulated, rubber-tired design or the zero tail swing, leveling, track-mounted design.

   (d) In Harvest Areas where mechanical felling is permitted with the approval of the Authorized Officer, all trees designated for cutting may be felled and whole tree yarded except when excessive stand damage occurs as determined by the Authorized Officer. If excessive stand damage occurs, all trees shall be completely limbed and bucked into log lengths not to exceed forty-two (42) feet prior to being yarded.

(6) In Variable-Retention Regeneration Harvest Areas 1, 5, and 6 and portion of Variable-Retention Regeneration Harvest Area 7, shown on Exhibit A and Exhibit F, all trees designated for cutting shall be manually felled, unless otherwise approved by the Authorized Officer. Portions of Variable-Retention Regeneration Harvest Areas 1 and 5, may be felled mechanically using a feller-processor or feller-buncher with the approval of the Authorized Officer and in accordance with the following specifications:

(a) Mechanized felling operations shall generally be limited to slopes of thirty-five (35) percent or less.

(b) Mechanized felling operations are subject to seasonal operating restrictions as described in Section 44(7)(b) of this contract.

(c) 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. The purpose-built carrier may be of the articulated, rubber-tired design or the zero tail swing, leveling, track-mounted design.

(7) In Harvest Area 3, and portions of Harvest Areas 1, 4, and 5, designated for ground-based yarding as shown on Exhibit A (approximately 18 acres):

(a) Ground-based yarding operations shall generally be limited to slopes of thirty-five (35) percent or less, and existing skid trails shall be utilized to the greatest extent possible.

(b) No ground-based yarding shall be permitted between October 15 of one calendar year and July 15 of the following calendar year, both days inclusive, or other periods of unseasonably wet weather and soil moisture conditions, unless otherwise approved by the Authorized Officer.

(c) A rubber-tired or track-mounted skidder may be used in accordance with the following specifications:

(1) The skidder shall be approved by the Authorized Officer prior to ground-based yarding operations.

(2) Yarding shall be done with one end of the log suspended.

(3) The skidder shall be restricted to designated skid trails. Skid trails shall be clearly identified on the ground, twelve (12) feet or less in width and spaced at least one hundred fifty (150) feet apart. Designated skid trails, whether existing or newly proposed, shall be approved by the Authorized Officer prior to the felling of timber.

(d) A track-mounted log loader, or shovel yarding system, may be used in accordance with the following specifications:

(1) The track-mounted log loader shall be approved by the Authorized Officer prior to ground-based yarding operations.

(2) The track-mounted log loader shall be restricted to designated skid trails and shall utilize the swing yarding method to the greatest extent practicable. The designated skid trail network shall minimize both the amount of ground covered by the tractor treads and the number of passes over any single spot on the ground. Designated skid trails, whether existing or newly proposed, shall be approved by the Authorized Officer prior to the felling of timber.

(3) The track-mounted log loader shall be required to place logging slash in front of the machine's tracks prior to traveling designated skid trails in order to reduce soil compaction.

(e) A cut-to-length system may be used in accordance with the following specifications:

(1) The harvester shall be required to cut off limbs and tops in front of the machine's tracks in order to reduce the potential for soil compaction. The harvester must have a lateral reach of twenty (20) feet or more, and the machine's lateral reach must be utilized as much as possible.

(2) The forwarder shall operate only on designated skid trails approved by the Authorized Officer. Forwarder trails shall be located on existing skid trails and/or the slash-covered areas traversed by the harvester. Forwarder trails shall be perpendicular to hill-slope contour lines as much as possible. Forwarder trails shall be located such that there are two harvester trails between forwarder trails, resulting in a spacing of at least one hundred (100) feet between forwarder trails.

(3) Logs that are too large for the harvester/forwarder operation may be yarded with a rubber-tired or track-mounted skidder, or a track-mounted log loader approved by the Authorized Officer, and as directed by the Authorized Officer. The skidder shall operate on designated skid trails approved by the Authorized Officer.

(8) In Thinning Harvest Area 2 and in portion of Thinning Harvest Areas 4 and 7, designated for cable yarding as shown on Exhibit A and Exhibit F (approximately 37 acres):

(a) Yarding shall be done with a cable skyline system utilizing a mechanical slack-pulling carriage capable of maintaining a fixed position on the skyline while lateral yarding and having a lateral capability of seventy-five (75) feet. The carriage must not move during in-haul. The system shall have the capability to yard in multi-span configuration.

(b) Wherever possible, cable yarding corridors shall be perpendicular to hill-slope contour lines, parallel to each other and spaced at least one hundred fifty (150) feet apart to minimize damage to reserve trees.

(c) Cable yarding of logs shall be done under the canopy and with one end suspended. Lift trees and/or intermediate support trees shall be employed where necessary to meet this requirement. All logs shall be yarded away from or parallel to streams as shown on Exhibit A.

(d) Prior to attaching any logging equipment to a reserve tree, the Purchaser shall obtain written approval from the Authorized Officer and shall take precautions to protect the tree from damage as directed in writing by the Authorized Officer.

(9) In Variable-Retention Regeneration Harvest Area 6, and in portions of Variable-Retention Regeneration Harvest Areas 1, 5, and 7 designated for cable yarding as shown on Exhibit A and Exhibit F (approximately 64 acres):

(a) Yarding shall be done with a cable skyline system utilizing a mechanical slack-pulling carriage capable of maintaining a fixed position on the skyline while lateral yarding and having a lateral capability of seventy-five (75) feet. The carriage must not move during in-haul. The system shall have the capability to yard in multi-span configuration.

(b) The leading end of all logs shall be suspended free of the ground during yarding. Lift trees and/or intermediate support trees shall be employed where necessary to meet this requirement.

(c) All logs shall be yarded away from or parallel to streams as shown on Exhibit A.

(d) 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.

(e) Trees designated for cutting shall be yarded with limbs attached to the bole and the top attached to the top log, unless approved by the Authorized Officer.

(10) Before cutting and removing any trees necessary to facilitate logging in the Harvest Areas shown on Exhibit A, the Purchaser shall identify the location of the skid trails, cable yarding corridors, 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 with cutting the following conditions must be met:

(a) All skid trails and/or cable yarding corridors 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 skid trails shall be limited to twelve (12) feet and cable yarding corridors shall be limited to fifteen (15) feet.

(b) In Harvest Areas 1 - 7, the Purchaser shall take all reasonable measures to limit the need for cutting any **Harvest Area** tree that is greater than or equal to (≥) forty (40) inches DBH **and** that was established prior to 1850, as determined by the Authorized Officer. Where cutting such trees is necessary for safety or operational reasons, as determined by the Authorized Officer, the Purchaser may immediately cut, but shall not remove, the trees when the trees have been marked with yellow paint above and below

stump height by the Authorized Officer and thereby approved for cutting but not removal by the Authorized Officer.

(c) The Purchaser may immediately cut and remove additional timber to clear skid trails and cable yarding corridors; and provide tailhold, tieback, guyline, lift and intermediate support trees; and to 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.

(d) 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; or the Authorized Officer determines that trees otherwise reserved in Section 43 of the contract or any tree that exceeds thirty-two (32) inches diameter at breast height shall be appraised and sold by bilateral modification of the contract at current fair market value in accordance with Section 8 of the contract.

(e) 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.

(f) 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 one (1) working day 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.

(g) The Government may reserve trees previously designated for cutting and removal by applying orange paint as replacements for additional trees cut and removed for skid trails and/or cable yarding corridors when the Authorized Officer determines such reservation is necessary to maintain stand densities consistent with objectives set forth in the management prescription(s). This may include the replacement of trees damaged by storm events, or insects or disease. The volume of this timber to be

reserved will be determined by the Authorized Officer in accordance with Bureau of Land Management prescribed procedures and the value shall be based on the unit prices shown in Exhibit B of the contract. The Purchaser agrees that the Total Purchase Price shall be reduced accordingly through a unilateral modification to the contract executed by the Contracting Officer.

(11) In accordance with the requirements of Section 8 it has been determined that the sale of additional timber located in the Contract Area, within the Thinning Harvest Areas as shown on Exhibit A and Exhibit F, which is obstructing needed cable yarding corridors, hazardous to workers, needed for guyline, tail hold or tieback trees, and/or severely damaged from the normal conduct of felling or yarding operations is needed 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 that:

(a) Trees reserved for the tree improvement program and trees reserved for the wildlife habitat objectives under Section 43 of the contract are not included in the authorization.

(b) Trees in Harvest Areas 1 - 7, that are greater than or equal to (≥) forty (40) inches DBH **and** that were established prior to 1850, as determined by the Authorized Officer, are not included in the authorization.

(c) The Purchaser shall identify each tree sold and cut in accordance with the provision by marking the cut surface of the stump and the bottom log immediately after falling with high visibility red paint. The stump shall be marked by flagging the location of the stump with plastic fluorescent pink ribbon hung within five (5) feet of the stump at eye level so that the stump can be visually located from a distance of not less than one hundred (100) feet.

(d) The volume and value 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 through a unilateral modification executed by the Contracting Officer.

(e) No timber may be cut or removed under the terms of this provision until all contract payments required by Section 3(b) or 3(f) of the contract have been made.

(f) The permission to cut and remove 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 as designated in this provision.
(2) Failed to identify the location of any stump.
(3) Cut any Harvest Area tree that was greater than or equal to (≥) forty (40) inches DBH **and** that was established prior to 1850, in Harvest Areas 1 - 7.
(4) Cut any tree that was reserved for tree improvement and/or wildlife habitat.
(5) Cut any tree in or adjacent to cable yarding corridors that was not necessary to facilitate cable yarding.

(6) Cut any reserve tree in or adjacent to skid trails that was not necessary to facilitate ground based yarding.
(7) Failed to properly segregate any pulled-over tree that was yarded to the landing.
(8) Cut any reserve tree that was not severely damaged (as defined during the pre-work conference) from felling and yarding operations.
(9) Cut more than the minimum number of trees necessary to properly serve as guyline anchor stumps.
(10) Cut or topped more than the minimum number of trees necessary to properly serve as tail hold trees.
(11) Cut more than the minimum number of trees necessary to properly serve as tie-backs for topped tail hold trees.
(12) Failed to maintain accurate and current (no more than twenty-four [24] hours old) documentation of additional timber cut and removed.

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 two (2) working 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 corridors and/or ground based equipment skid trails 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.

(12) Except for right-of-way logging, no falling or yarding shall be conducted in Thinning Harvest Areas 2, 3, and 4, and portions of Thinning Harvest Area 7, as shown on Exhibit A and Exhibit F, between April 15 and July 15 (bark slip period), both days inclusive, unless otherwise approved by the Authorized Officer.

(13) Harvest Areas 1, 2, 3, and 7, and portions of Harvest Area 4, as shown on Exhibit G, which is attached hereto and made a part hereof, no operations, except portions of road renovation and hauling, may be conducted from March 1 to September 15, both days inclusive, of each calendar year due to the potential disruption of spotted owls.

The government shall conduct surveys to determine whether spotted owls are present within one quarter (0.25) mile of the Harvest Areas. If it is determined that spotted owls are not nesting, the Authorized Officer may, in writing, lift the seasonal restriction for that year.

(14) No logging activity or log hauling shall be conducted on unsurfaced roads between October 15 of one calendar year and May 15 of the following calendar year (wet season), both days inclusive, unless otherwise approved by the Authorized Officer.

(15) No ground-based yarding shall be permitted between October 15 of one calendar year and July 15 of the following calendar year, both days inclusive, or other periods of unseasonably wet weather and soil moisture conditions, unless otherwise approved by the Authorized Officer.

(16) During logging operations, the Purchaser shall keep Road 30-9-11.0 (Twelve Mile) and Road 31-8-8.2, clear of trees, rock, dirt and other debris so far as is practicable. The road shall not be blocked by such operations for more than thirty (30) minutes unless otherwise approved by the Authorized Officer.

(17) For a distance of fifty (50) feet from the perimeter of each landing designated by the Authorized Officer, all logs more than eight (8) 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. If a log or piece of log meeting or exceeding the above specifications is bucked and left in place, all portions of that log shall be yarded and decked at the above described location.

Section 44(B) Road Construction, Maintenance & Use:

(1) Purchaser shall construct and renovate roads, as shown on Exhibit A and Exhibit C. Any required construction, renovation or pre-haul maintenance shall be completed in strict accordance with the plans and specifications shown on Exhibit C, which is attached hereto and made a part hereof. Any required construction, renovation, or pre-haul maintenance of structures and roads shall be completed and accepted, in accordance with Section 18, prior to the removal of any timber, except right-of-way timber, over that road.

(2) No road construction or renovation shall be conducted between October 15 of one calendar year and May 15 of the following calendar year, both days inclusive, or other periods of unseasonably wet weather and soil moisture conditions, unless otherwise approved by the Authorized Officer.

(3) The Purchaser is authorized to use the roads listed and shown on Exhibit D which are under the jurisdiction of the Bureau of Land Management for the removal of Government timber sold under the terms of this contract provided that the Purchaser pay the required maintenance and rockwear obligations described in Section 44(B)(4). Any road listed on Exhibit D and requiring improvement or renovation in Exhibit C of this contract shall be maintained by the Purchaser until receiving written acceptance of the construction or renovation from the Authorized Officer. The Purchaser shall pay current Bureau of Land Management maintenance and rockwear fees for the sale of additional timber under modification to the contract.

(4) The Purchaser shall pay the Government a rockwear and maintenance obligation in the amount of Twenty-Two Thousand One Hundred Ninety-Eight and 22/100 dollars ($22,198.22) for the transportation of timber included in the contract price over roads listed on the Exhibit D.

The above rockwear and maintenance amount is for use of sixteen (16.0) miles of road or less. Unless the total rockwear and maintenance amount is paid prior to commencement of operations on the Contract Area, payments shall be made in installments of not less than Five Hundred and No/100 dollars ($500.00) payable in the same manner as and together with payments required in Section 3 of this contract.

(5) The Purchaser shall perform any required road repair and maintenance work on roads used by them, under the terms of Exhibit D of this contract.

(6) The Purchaser also agrees that if they elect to use any other private road which is the subject of a right-of-way agreement with the Government for the removal of Government timber sold under the terms of this contract, the Purchaser shall request and agree to the modification of this contract to provide for such use and for allowances for amortization of the Government's share of the capital investment of any such road.

IF OTHER THAN ROSEBURG RESOURCES CO PURCHASES:

(7) In the use, construction or renovation of Road 29-8-29.2 Segment J, Road 30-9-11.0 Segments A and B, Road 30-9-35.0 Segment A (por), Road 31-8-5.0 Segment A (imp), B, and C (imp)(por), Road 31-9-1.0 Segment A, and Road 31-9-1.2 Segment A (imp), B, and C, the Purchaser shall comply with the conditions, including but not limited to those set out below, of the Right-of-Way and Road Use Agreement R-851, dated August 15, 1967, between the United States of America and Roseburg Resources Co, available for inspection at the Bureau of Land Management, Roseburg District Office, 777 N.W. Garden Valley Blvd., Roseburg, Oregon 97471. These conditions include:

(a) Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed license agreement.

(b) Payment of a rockwear and maintenance obligation in the amount of Thirty-Eight Thousand Two Hundred Eighty-Two and 39/100 dollars ($38,282.39).

(c) Payment of a road use obligation in the amount of Ten Thousand Three Hundred Six and 57/100 dollars ($10,306.57).

(d) Payment for right-of-way timber from the yarding wedge off of Road 31-9-1.2 Segment C located in the $SE^1/_4SE^1/_4$ Section 2, T. 31 S., R. 9 W., W.M., to Roseburg Resources Co., prior to cutting – timber volume and value to be determined.

(e) Default by the Purchaser of said Right-of-Way and Road Use Agreement, or any License Agreement executed pursuant thereto, for failure to pay appropriate stumpage fees, road use fees or road maintenance 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.

IF ROSEBURG RESOURCES CO PURCHASES:

(8) The Government is hereby granted the allowance listed here as payment towards the Government's share of the replacement cost of the following road(s) included in Right-of-Way and Road Use Agreement R-851:

Agreement	Road	Volume (MBF)	Road Use Fee	Subtotal
R-851	29-8-29.2 J*	1703	$0.00	$0.00
R-851	30-9-11.0 A	1908	$0.54	$1,030.32
R-851	30-9-11.0 B	1908	$0.76	$1,450.08
R-851	30-9-35.0 A(por)	45	$0.30	$13.50
R-851	31-8-5.0 A(imp)	1703	$0.11	$187.33
R-851	31-8-5.0 B	1703	$0.85	$1,447.55
R-851	31-8-5.0 C(imp)(por)	1703	$0.27	$459.81
R-851	31-9-1.0 A	417	$2.01	$838.17
R-851	31-9-1.2 A(imp)	531	$1.16	$615.96
R-851	31-9-1.2 B	265	$4.09	$1,083.85
R-851	31-9-1.2 C	265	$12.00	$3,180.00
			Total Road Use Fees:	**$10,306.57**

*PAID OFF; See Exhibit D Tables

It is understood that the purchase price stated in Section 2 of this contract is the net price and no deductions will be made from the purchase price because of such allowances.

IF OTHER THAN LONE ROCK TIMBERLAND CO PURCHASES:

(9) In the use, construction or renovation of Road 29-8-29.2 Segment F (base) and H (base), the Purchaser shall comply with the conditions, including but not limited to those set out below, of the Right-of-Way and Road Use Agreement R-768, dated September 17, 1964, between the United States of America and Lone Rock Timberland Co., available for inspection at the Bureau of Land Management, Roseburg District Office, 777 N.W. Garden Valley Blvd., Roseburg, Oregon 97471. These conditions include:

(a) Prior to the use of said roads, the Purchaser shall furnish the Authorized Officer a copy of the executed license agreement.

(b) Default by the Purchaser of said Right-of-Way and Road Use Agreement, or any License Agreement executed pursuant thereto, for failure to pay appropriate stumpage fees, road use fees or road maintenance 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.

IF LONE ROCK TIMBERLAND CO PURCHASES:

(10) The Government is hereby granted the allowance listed here as payment towards the Government's share of the replacement cost of the following road(s) included in Right-of-Way and Road Use Agreement R-768:

Agreement	Road	Volume (MBF)	Road Use Fee	Subtotal
R-768	29-8-29.2 F (base)*	1703	$0.00	$0.00
R-768	29-8-29.2 H (base)*	1703	$0.00	$0.00

Total Road Use Fees: $0.00

*PAID OFF; See Exhibit D Tables

It is understood that the purchase price stated in Section 2 of this contract is the net price and no deductions will be made from the purchase price because of such allowances.

Section 44(C) Environmental Protection:

(1) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall clean road surfaces, cut banks, landings, ditch lines and culverts of all debris created by logging operations.

(2) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall steam clean or pressure wash all logging and road building equipment, except logging trucks, prior to initial move-in, to minimize the likelihood of spreading noxious weeds and non-native plant species to the Contract Area. Equipment washing shall occur at a location approved by the Authorized Officer. Equipment will be visually inspected by the Authorized Officer prior to use. Any logging or road building equipment removed from the Contract Area during the duration of the contract must be steam cleaned or pressure washed before it is returned to the Contract Area. Cleaning shall be defined as removal of all dirt, grease, plant parts and material that may carry noxious weed seeds.

(3) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall winterize all native surfaced roads used under Section 44(B)(1) or any portion thereof, in accordance with the plans and specifications shown on Exhibit D, and in accordance with the following stipulations:

(a) The Purchaser intends to use the native surfaced roads or portions thereof for more than a single operating season; or, circumstances require that the roads or portions thereof overwinter before decommissioning.

(b) Winterizing shall consist of water-barring, blocking and mulching to the satisfaction of the Authorized Officer.

(c) Winterizing shall take place prior to the end of the operating season as described in Section 44(A)(14) of this contract, or as directed by the Authorized Officer.

(4) In addition to the requirements set forth in Section 26 of this contract, the Purchaser shall, upon completion of logging operations, perform subsoiling operations on approximately zero and seven tenths (0.7) miles of landings, main skid trails, and associated compacted areas such as turnouts, truck turnarounds and log decking areas as designated by the Authorized Officer and in accordance with the following stipulations:

(a) All subsoiling equipment shall be inspected and approved by the Authorized Officer before subsoiling begins.

(b) The compacted surfaces shall be subsoiled (broken up, loosened, and de-compacted) using excavator attachments, log loader tongs or other approved equipment.

(c) Slash and other organic debris and some topsoil will be spread over the subsoiled surface to cover at least (50) percent of the subsoiled area, where levels of this material are available. Waterbars shall be constructed concurrently with subsoiling operations on grades steeper than ten (10) percent, as directed by the Authorized Officer.

(d) Subsoiling shall occur during the same dry season as ground-based harvesting as described in Section 44(A)(7)(b), unless otherwise approved by the Authorized Officer.

(e) Subsoiling shall be completed to a minimum depth of eighteen (18) inches below the ground surface, unless otherwise approved by the Authorized Officer.

(f) Treated areas shall span the total width of compaction, as identified by the Authorized Officer. At least eighty (80) percent of the compacted soil profile shall be shattered. No more than fifty (50) percent of the treated soil shall have clods greater than two (2) inches in diameter, unless otherwise approved by the Authorized Officer.

(g) Subsoiling shall not occur within a five foot radius of the boles of residual trees where major roots can be cut, mangled or pulled, unless otherwise directed by the Authorized Officer.

(h) Equipment shall not be allowed to operate on slopes in excess of thirty-five (35) percent or to cross streams or drainages unless approved by the Authorized Officer.

Section 44(D) Miscellaneous:

(1) The Government, at its option, may administratively check scale any portion of the timber removed from the Contract Area, and if necessary, conduct check scaling of independent scalers contracted to BLM for administrative check scaling purposes. The Purchaser hereby agrees to make such contract timber available for such scaling at a location or locations to be approved in writing by the Authorized Officer. At the approved location or locations, the Purchaser shall provide an area for logs to be safely rolled out for scaling, to unload logs from trucks, place logs in a manner so that both ends and three faces of each log are visible for scaling, and to reload or remove logs after scaling has been completed. In the event that BLM elects to administratively check scale, and if such check scaling causes a delay in log transportation time, an adjustment will be made to the purchase price as follows: if the entire sale is check scaled, the purchase price of this contract shall be reduced by Two Thousand Seven Hundred Eight and 25/100 dollars ($2,708.25); in the event only a portion of the contract timber is scaled, the purchase price shall be reduced by that portion of Two Thousand Seven Hundred Eight and 25/100 dollars ($2,708.25); which is equal to the percentage of timber sold which was actually scaled by the Government. For purposes of computing this price reduction, the percentage of timber sold which has been scaled shall be determined by

the Government. Any reduction in purchase price under the terms of this provision shall be full compensation to the Purchaser for any expense or loss incurred as a result of such scaling. Scaling shall be conducted in accordance with the Eastside (Scribner Decimal C) Rules by BLM scalers, and/or independent scalers contracted to BLM. A copy of the scale report will be made available to Purchaser upon request.

Section 44(E) Fire Prevention and Control:

(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 closed fire season or periods of fire danger, prepare a fire prevention and control plan to the satisfaction of the Authorized Officer.

Section 44(F) Slash Disposal and Site Preparation:

(1) Fire Hazard Reduction. In addition to the requirements of Section 15 of this contract, and notwithstanding the Purchaser's satisfactory compliance with state laws and regulations regarding offsetting or abating the additional fire hazard created by this operation and the State's willingness to release the Purchaser from liability for such hazard, the Purchaser shall remain responsible to the Government for performance of the following hazard reduction measures required by this contract:

(a) Slash shall be disposed of in accordance with the written instructions of the Authorized Officer.

(b) Slash, as defined for this section, shall mean all material (brush, limbs, tops, unmerchantable stems and chunks) severed or knocked over as a result of the Purchaser's operations under the terms of this contract.

(c) Covering of slash piles shall be done concurrently with piling operations. The covers shall be firmly fixed to each pile.

(d) Finished piles shall be tight and free of earth.

(e) Machine pile and cover all slash within fifty (50) feet of all landings (approximately 65 landings), and within portion of Harvest Areas 1 and 5 designated for ground-based harvest, as shown on Exhibit A and Exhibit F (approximately 14 acres), and other locations as directed by Authorized Officer in accordance with the following specifications:

(1) Landings shall be piled and covered within thirty (30) days of the completion of yarding from each landing.

(2) Machine piles shall be capped with a ten (10) foot by ten (10) foot cover of four (4) mil black plastic to maintain a dry ignition point

(3) Machine piles shall be located away from unit boundaries, retention trees, snags, downed logs and stumps.

(4) Maximum off-road machine pile size shall be twenty (20) feet in diameter by (10) feet in height.

(5) Off-road machine piling operations shall generally be limited to slopes of fifty (50) percent or less; when operating on slopes between thirty-five (35) and fifty (50) percent, equipment shall be required to travel straight up and down the slope, thereby minimizing soil displacement associated with side-hill travel.

(6) In order to limit soil disturbance, the piling method shall minimize both the total amount of ground covered by the tractor treads and the number of passes over any single spot on the ground.

(7) Equipment used for off-road machine piling shall be approved by the Authorized Officer prior to the start of operations; only small or medium-sized excavators (track-hoes) may be approved.

(8) Off-road machine piling operations are subject to seasonal operating restrictions as described in Section 44(A)(7)(b) of this contract.

(9) Off-road machine piling shall be completed the first dry season (July 15 – October 15) following the completion of logging operations in each harvest area. Pile covering shall be completed within 30 days of construction or before October 15, whichever comes first.

(f) Hand pile and cover all slash in Harvest Area 6 and portions of Harvest Areas 1, 5, and 7, designated for cable harvest, as shown on Exhibit A and Exhibit F (approximately 7 acres), which is attached hereto and make a part hereof, or as directed by the Authorized Officer, in accordance with the following specifications:

(1) All logging slash and slashed brush more than two (2) feet long and between one (1) and six (6) inches in diameter at the large end shall be hand piled and covered. Larger material which has a portion meeting this specification must be bucked at the six (6) inch diameter, and that portion piled.

(2) Piles shall be located as directed by the Authorized Officer. No pile shall be located on down logs or within ten (10) feet of any other pile, orange painted reserve trees, or the unit boundary, unless approved by the Authorized Officer.

(3) Maximum pile size shall be eight (8) feet in diameter by six (6) feet in height. Minimum pile size shall be four (4) feet in diameter by four (4) feet in height.

(4) Covering shall be done concurrently with piling. A minimum of fifty (50) percent of the pile is to be covered using four (4) mil. black plastic or equivalent, and anchored or weighted down to the satisfaction of the Authorized Officer.

(5) Operations required by this provision shall begin within thirty (30) days after completion of logging of each Harvest Area and shall be concluded within sixty (60) days after completion of logging of each Harvest Area.

(g) The Purchaser shall perform logging residue reduction and site preparation work by machine piling on approximately 14 acres of harvest area located in portion of Harvest Areas 1 and 5; and hand piling on approximately 7 acres of harvest area located in Harvest Area 6 and portion of Harvest Areas, 1, 5, and 7, as shown on Exhibit A and Exhibit F.

(1) The required work shall consist of any treatment or combination of treatments listed in the table below, as determined by the Authorized Officer and specified in writing by the Contracting Officer. The number of acres of each treatment shall be determined by the Authorized Officer.

Treatment	Cost/Acre
Machine Pile + Cover	$550.00
Machine Pile Burn	$95.00
Hand Pile + Cover	$650.00
Hand Pile Burn	$95.00

(2) The required work shall consist of any treatment or combination of treatments listed in the table below, as determined by the Authorized Officer and specified in writing by the Contracting Officer. The number of acres of each treatment shall be determined by the Authorized Officer.

The following treatments were assumed for appraisal purposes on this contract:

Appraised Treatment	Acres	Cost/Acre	Total Cost/Treatment
Machine Pile + Cover	14	$550.00	$7,700.00
Machine Pile Burn	14	$95.00	$1,330.00
Hand Pile + Cover	7	$650.00	$4,550.00
Hand Pile Burn	7	$95.00	$665.00
		Total Road Use Fees:	**$14,245.00**

(3) The total Purchase Price set forth in Section 2 shall be adjusted in a unilateral modification executed by the Contracting Officer by the amount that the total cost of the site preparation treatments designated pursuant to Section 44(g)(2) differs from $14,245.00 as calculated by using the estimated acres determined by the Authorized Officer and the per acre costs listed in Section 44(g)(2).

(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 the Purchaser's operations on Government lands, except for burning and mop-up assistance as required herein. In accordance with written instructions to be issued by the Authorized Officer at least ten (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 each unit as shown below:

For igniting and burning landing piles in all Harvest Areas, the Purchaser shall provide one (1) eight (8) person hand crew including a designated crew foreman. The crew shall be equipped with fuel, ten (10) drip torches or propane burners, four (4) fire shovels, four (4) pulaskis, one (1) power saw and enough radios to facilitate inter-crew communications. All crew members must have a current qualification card for FFT2 or higher. All qualifications are defined according to National Wildfire Coordinating Group (NWCG) Wildland Fire Qualifications System guide, PMS 310-1. Qualifications and equipment levels are the minimum and may exceed those stated above.

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. All personnel shall arrive at the project area with the following personal safety equipment: lug-soled leather boots with minimum eight (8) inch uppers that provide ankle support; an approved hardhat; leather gloves; long pants and a long sleeve shirt made of approved aramid fabric (Nomex or equivalent); and an approved fire shelter.
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. In addition, all listed personnel directly involved in burning operations shall be certified Fire Fighters qualified according to National Wildfire Coordinating Group (NWCG) Wildland Fire Qualification System guide, PMS 310-1 and provide documentation. The work leaders must be fluent in English and be able to effectively speak to all crew members under their direction. Personnel who do not meet these requirements or who do not have proper clothing and personal protective equipment (PPE) will not be allowed to participate.

Except as provided hereafter for fire escapement, the Purchaser shall continue the required assistance in mop-up on each Harvest Area as shown on Exhibit A for seventy-two (72) hours as directed by the Authorized Officer within a thirty (30) day period beginning 8:00 a.m. the day following completion of ignition in that unit or until released from such services by the Authorized Officer, whichever occurs first.

In the event of a fire escapement, the Purchaser's personnel and equipment shall, under supervision of the Authorized Officer, take action to suppress, including control and mop-up, the escaped fire until released from such service by the Government. If it becomes necessary to suppress a fire which escapes from the prescribed fire area for a period beyond midnight of ignition day, then the Government shall, at its option:

(a) Reimburse Purchaser for such additional use of personnel and equipment at wage rates shown in the current Administratively Determined Pay Rates for Western Area and at equipment rates shown in current Oregon-Washington Interagency Fire Fighting Equipment Rental Rates schedule, until the Purchaser is released from such service by the Government, or

(b) 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 (e.g., trail, road, stream, rock formation), the Government may permit the Purchaser to remove personnel for that day; provided that, all mop-up work on the escaped fire area 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 by the Purchaser 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 costs 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 site preparation work and/or use of additional personnel and equipment to accomplish planned burning, the Purchaser shall also be responsible for such additional costs.

Section 44(G) Buyout Securities:

(1) The Purchaser shall assist in burning as described in Section 44(F)(1). The Purchaser shall have the option of completing this work, or in lieu thereof, may make a contribution to the Bureau of Land Management in the amount of Six Thousand Six Hundred Thirty-Three and 31/100 dollars ($6,633.31) and upon making such contribution, the Purchaser shall be relieved of the obligations set out in this subsection. The amount of the contribution shown above shall be paid prior to cutting. The Purchaser shall notify the Authorized Officer of his intention to make this contribution upon execution of this contract.

Section 44(H) Log Branding and Painting:

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

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

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

Section 44(I) Small Business Administration (SBA) Set Aside:

(1) The Purchaser agrees not to sell and/or exchange more than 30 percent of the timber or log volume from this preferential sale to concerns that do not meet the Small Business Administration small business size standard (13 CFR 121).
The Purchaser understands that in addition to other penalties which may be imposed for violating the foregoing, the Purchaser may be declared ineligible to participate in future Federal timber sales that are set-aside for preferential bidding by small business qualified concerns for two semi-annual triggered periods succeeding the violation.

The Purchaser shall provide a current, interim Log Scale and Disposition of Timber Removed Report (Form 5460-15) upon request by the Authorized Officer at any time during the contract period for cutting and removal specified in Section 4 of this contract as amended.

Note: This matrix is provided to serve prospective purchasers as a guide only; refer to the timber sale contract Special Provisions for a complete statement of the seasonal operating restrictions.

	Seasonal Restriction	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
Harvest Area	**Activity**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**
Unit 1 *(regen)*	Right-of-way logging and clearing, road construction, subsoiling[1,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Renovation[1]	■	■	■	■	■	■	■	■	■											■	■	■	■	■
	Hand falling and bucking[4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
	Mechanized falling and bucking[2,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Ground-based yarding[2,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Cable yarding on rocked roads[4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
	Loading or hauling on rocked roads																								
	Off-road machine piling[2,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
Unit 2 *(thin)*	Right-of-way logging and clearing, road construction[1,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Renovation[1]	■	■	■	■	■	■	■	■	■											■	■	■	■	■
	Hand falling and bucking[3,4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
	Mechanized falling and bucking[2,3,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Cable yarding on rocked roads[3,4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
	Loading or hauling on rocked roads																								
Unit 3 *(thin)*	Right-of-way logging and clearing, road construction[1,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Renovation[1]	■	■	■	■	■	■	■	■	■											■	■	■	■	■
	Hand falling and bucking[3,4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
	Mechanized falling and bucking[2,3,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Ground-based yarding[2,3,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Loading or hauling on rocked roads																								

[1] Wet season restriction applying to use of unsurfaced (or limited strength) roads and all road construction/renovation from October 15 – May 15 may be shortened or extended depending on weather conditions.

[2] Wet season restriction applying to ground-based yarding from October 15 – July 15 may be shortened or extended depending on soil moisture and weather conditions.

[3] Bark slip restriction from April 15 – July 15 may be conditionally waived.

[4] For Harvest Areas 1, 2, 3, and 7, and portion of Harvest Area 4, as shown on Exhibit F, no operations, except portions of road renovation and hauling, may be conducted from March 1 to September 15, both days inclusive of each calendar year due to the potential disruption of spotted owls.

The government shall conduct surveys to determine whether spotted owls are present within one quarter (0.25) mile of the Harvest Areas. If it is determined that spotted owls are not nesting, the Authorized Officer may, in writing, lift the seasonal restriction for that year.

Note: This matrix is provided to serve prospective purchasers as a guide only; refer to the timber sale contract Special Provisions for a complete statement of the seasonal operating restrictions.

	Seasonal Restriction	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
Harvest Area	**Activity**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**
Unit 4 *(thin)*	Right-of-way logging and clearing, road construction[1,4]																								
	Renovation[1]																								
	Hand falling and bucking[3,4]																								
	Mechanized falling and bucking[2,3,4]																								
	Ground-based yarding[2,3,4]																								
	Cable yarding on rocked roads[3,4]																								
	Loading or hauling on rocked roads																								
Unit 5 *(regen)*	Right-of-way logging and clearing, road construction, renovation,																								
	Hand falling and bucking																								
	Mechanized falling and bucking[2]																								
	Ground-based yarding[2]																								
	Cable yarding on rocked roads																								
	Loading or hauling on rocked roads																								
	Loading or hauling on dirt roads[1]																								
	Off-road machine piling[2]																								
Unit 6 *(regen)*	Right-of-way logging and clearing, road construction, renovation[1]																								
	Hand falling and bucking																								
	Mechanized falling and bucking[2]																								
	Cable yarding on rocked roads																								
	Loading or hauling on rocked roads																								

[1] Wet season restriction applying to use of unsurfaced (or limited strength) roads and all road construction/renovation from October 15 – May 15 may be shortened or extended depending on weather conditions.

[2] Wet season restriction applying to ground-based yarding from October 15 – July 15 may be shortened or extended depending on soil moisture and weather conditions.

[3] Bark slip restriction from April 15 – July 15 may be conditionally waived.

[4] For Harvest Areas 1, 2, 3, and 7, and portion of Harvest Area 4, as shown on Exhibit F, no operations, except portions of road renovation and hauling, may be conducted from March 1 to September 15, both days inclusive of each calendar year due to the potential disruption of spotted owls.

The government shall conduct surveys to determine whether spotted owls are present within one quarter (0.25) mile of the Harvest Areas. If it is determined that spotted owls are not nesting, the Authorized Officer may, in writing, lift the seasonal restriction for that year.

Note: This matrix is provided to serve prospective purchasers as a guide only; refer to the timber sale contract Special Provisions for a complete statement of the seasonal operating restrictions.

	Seasonal Restriction	Jan		Feb		Mar		Apr		May		Jun		Jul		Aug		Sep		Oct		Nov		Dec	
Harvest Area	**Activity**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**	**1**	**15**
Unit 7 *(thin-regen)*	Right-of-way logging and clearing, road construction[1,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
	Renovation[1]	■	■	■	■	■	■	■	■	■											■	■	■	■	■
Regen -	Hand falling and bucking[4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
Thin -	Hand falling and bucking[3,4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
Regen -	Mechanized falling and bucking[2,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
Thin -	Mechanized falling and bucking[2,3,4]	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■			■	■	■	■	■
Regen -	Cable yarding on rocked roads[4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
Thin -	Cable yarding on rocked roads[3,4]					■	■	■	■	■	■	■	■	■	■	■	■	■							
	Loading or hauling on rocked roads																								

[1] Wet season restriction applying to use of unsurfaced (or limited strength) roads and all road construction/renovation from October 15 – May 15 may be shortened or extended depending on weather conditions.
[2] Wet season restriction applying to ground-based yarding from October 15 – July 15 may be shortened or extended depending on soil moisture and weather conditions.
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[4] For Harvest Areas 1, 2, 3, and 7, and portion of Harvest Area 4, as shown on Exhibit F, no operations, except portions of road renovation and hauling, may be conducted from March 1 to September 15, both days inclusive of each calendar year due to the potential disruption of spotted owls.
The government shall conduct surveys to determine whether spotted owls are present within one quarter (0.25) mile of the Harvest Areas. If it is determined that spotted owls are not nesting, the Authorized Officer may, in writing, lift the seasonal restriction for that year.

Form 5440-009
(April 2025)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Name of Bidder

Tract Number (1) 2027.0002

Sale Name East Dice

Sale Notice *(dated)* 11/17/2026

BLM Office Roseburg District

DEPOSIT AND BID FOR: (Check One):

☒ **Timber and/or Other Wood Products**
(Examples of Other Wood Products: biomass, firewood, posts, poles, etc…)

☐ **Vegetative Resources**
(Examples of Vegetative Resources: boughs, pinyon nuts, cones, plants, etc…)

☐ Sealed Bid for Sealed Bid Sale

Deadline for accepting sealed bids ☐ a.m. ☐ p.m.

On *(date)* Place

☒ Written Bid for Oral Auction Sale

Sale commences 10:00 ☒ a.m. ☐ p.m.

On 12/15/2026 Place 777 NW Garden Valley Blvd.

In response to the above dated Sale Notice, the required deposit and bid are hereby submitted for the purchase of designated Timber and/or Other Wood Products or Vegetative Resources on the tract specified above.

Required bid deposit is $ 57,700.00 and is enclosed in the form of:

☐ cash ☐ money order ☐ cashier's check ☐ certified check ☐ bank draft

☐ bid bond of corporate surety on approved list of the United States Treasury ☐ guaranteed remittance approved by the authorized officer.

IT IS AGREED That the bid deposit shall be retained by the United States as liquidated damages if the bid is accepted and the undersigned fails to execute and return the contract, together with any required performance bond and any required payment within 30 days after the contract is received by the successful bidder. If not otherwise specified in the advertisement, bids for less than the advertised price will not be considered. If the bid is rejected the deposit will be returned.

BID SCHEDULE – **TIMBER AND/OR OTHER WOOD PRODUCTS OR VEGETATIVE RESOURCES**
NOTE: Bidders should carefully check computations in completing the Bid Schedule

BID SUBMITTED					ORAL BID MADE	
PRODUCT & SPECIES	UNIT of MEASURE	ESTIMATED VOLUME OR QUANTITY	UNIT PRICE	PRODUCT VALUE (Quantity X Price)	UNIT PRICE	PRODUCT VALUE (Quantity X Price)
Douglas-Fir	MBF	3,445	$	$	$	= $
Grand Fir	MBF	153	$ 44.60	$ 6,823.80	$	= $
Incense-cedar	MBF	7	$ 35.80	$ 250.60	$	= $
Western Hemlock	MBF	5	$ 47.40	$ 237.00	$	= $
Western Redcedar	MBF	1	$ 219.60	$ 219.60	$	= $
Biomass	G Tons	261	$ 3.00	$ 783.00	$	= $
			TOTAL PURCHASE PRICE	$		$

(Continued on Page 2)

If sale contract is executed, undersigned is liable for total purchase price including all modifications executed under the terms of the contract. Timber and/or Other Wood Products or Vegetative Resources designated for removal may be less or more than total estimated volume or quantity shown above.

Bid submitted on *(date)*

By signing this form, the signatory is certifying the following:

☐ *(a) The signatory is a citizen of the United States, a partnership composed wholly of such citizens, an unincorporated association composed wholly of such citizens, or a corporation authorized to transact business in the state in which the timber is located.*

☐ *(b) The signatory is the age of majority in the state of the sale.*

☐ *(c) The signatory is an authorized representative if not signing as an individual and certifies that he or she is authorized to act as or on behalf of the bidder.*

☐ *(d) The signatory and any affiliates have not exported unprocessed private timber from west of the 100th meridian in the lower 48 states in the 24-months prior to the sale date shown on this form.*

☐ *(e) The signatory's bid was arrived at by bidder or offeror independently and was tendered without collusion with any other bidder or offeror.*

☐ *(f) The signatory and any affiliates are not currently suspended or debarred from contracting with the Federal government unless issued an exception by the Department's Director of the Office of Acquisition and Property Management (exception must be attached to bid form).*

Mark each box above to acknowledge each of the certifying statements and complete sections 1-3 as appropriate and sections 4 and 5:

1. Signature, if firm is individually owned	4. Name of firm *(type or print)*
2. Signatures, if firm is a partnership or L.L.C. i. _____ ii. _____	5. Business address, include zip code *(type or print)*
3. Corporation - organized under the state laws of: Signature of Authorized Corporate Officer: _____ Title: _____	*(To be completed following oral bidding)* I HEREBY confirm the above oral bid By *(signature):* Date

Submit bid to qualify for either an oral auction or sealed bid sale, together with the required bid deposit.
Make remittance payable to: "Department of the Interior – BLM"

Oral Auction – Submit to Sale Supervisor prior to closing of qualifying period for tract.
Sealed Bid – Send to Contracting Officer, who issued the sale notice, in a sealed envelope marked on the outside with:
(1) "Bid for Timber and/or Other Wood Products" or "Bid for Vegetative Resources" depending on the products being sold.
(2) Time bids are to be opened.
(3) Legal description.
(4) Sale name and number.

NOTICES

The Privacy Act and the regulations in 43 CFR 2.223(d) require that you be furnished with the following information:

AUTHORITY: 38 FR 6280 and 43 CFR 5442.1

PRINCIPAL PURPOSE: To qualify an oral auction bidder, and then if successful, to bind bidder to certain contract conditions.

ROUTINE USES: To determine that an individual is qualified to participate in oral auction bidding, and, as surety that bidder will fulfill contract requirements.

EFFECT OF NOT PROVIDING INFORMATION: Filing this deposit and bid information is necessary only when an individual wishes to participate in a sealed or auction bid sale for Timber and/or Other Wood Products or Vegetative Resources.

(Continued on Page 3)

INSTRUCTIONS TO BIDDERS

1. AUTHORITY – Timber and/or Other Wood Products or Vegetative Resources, located on the revested Oregon and California Railroad Grant Lands and on the reconveyed Coos Bay Wagon Road Grant Lands is administered and sold pursuant to authority of the Act of August 28, 1937 (50 Stat. 874; 43 U.S.C. 2601); Timber and/or Other Wood Products or Vegetative Resources located on other public lands of the United States under jurisdiction of the Bureau of Land Management are administered and sold pursuant to authority of the Act of July 31, 1947 (61 Stat. 681), as amended, by the Act of July 23, 1955 (69 Stat. 367; 30 U.S.C. 601 et. seq.). Regulations of the Secretary of the Interior governing sale of Timber and/or Other Wood Products or Vegetative Resources, are codified in 43 CFR Group 5400.

2. QUALIFICATIONS OF BIDDERS – A bidder for sale of Timber and/or Other Wood Products or Vegetative Resources must be either (a) a citizen of the United States, (b) a partnership composed wholly of such citizens, (c) an unincorporated association composed wholly of such citizens, or (d) a corporation authorized to transact business in the state in which the Timber and/or Other Wood Products or Vegetative Resources are located.

3. INSPECTION OF TIMBER AND/OR OTHER WOOD PRODUCTS OR VEGETATIVE RESOURCES – Bidder is invited, urged, and cautioned to inspect the Timber and/or Other Wood Products or Vegetative Resources prior to submitting a bid. By executing the Timber and/or Other Wood Products or Vegetative Resources sale contract, bidder warrants that the contract is accepted on the basis of his/her examination and inspection of the Timber and/or Other Wood Products or Vegetative Resources and his/her opinion of its value.

4. DISCLAIMER OF WARRANTY – Government expressly disclaims any warranty of the fitness of the designated Timber and/or Other Wood Products or Vegetative Resources for any purpose of the bidder; all Timber and/or Other Wood Products or Vegetative Resources are to be sold "As Is" without any warranty of merchantability by Government. Any warranty as to the quantity or quality of Timber and/or Other Wood Products or Vegetative Resources to be sold is expressly disclaimed by Government.

5. BIDS – Each Sealed or written bid for Timber and/or Other Wood Products or Vegetative Resources must be submitted to the Contracting Officer who issued *Timber and/or Other Wood Products or Vegetative Resources Sale Notice.*

(a) *Sealed Bid Sales* – Bids will be received until time specified in the Advertisement. Enclose the bid with required bid deposit in a sealed envelope marked on the outside *Bid for Timber and/or Other Wood Products or Vegetative Resources*, time bid is to be opened, timber sale name and number, and legal description of land on which Timber and/or Other Wood Products or Vegetative Resources are located. In event of a tie, the high bidder shall be determined by lot from among those who submitted the tie bids.

(b) *Oral Auction Sales* – Submission of the required bid deposit and a written bid is required to qualify for oral bidding. Oral bidding shall begin from the highest written bid. No oral bid will be considered which is not higher than the preceding bid. In the event there is a tie in high written bids, and no oral bidding occurs, the bidder who was the first to submit his/her bid deposit and written bid shall be declared the high bidder. If the officer conducting the sale cannot determine who made the first submission of high tie written bids, the high bidder shall be determined by lot. High bidder must confirm his/her bid, in writing, immediately upon being declared high bidder.

(c) Except as otherwise provided in 43 CFR 5442.2, bids will not be considered in resale of Timber and/or Other Wood Products or Vegetative Resources remaining from an uncompleted contract from any person or affiliate of such person who failed to complete the original contract because of (1) cancellation for the purchaser's breach or (2) through failure to complete payment by expiration date.

(d) When it is in the interest of the Government to do so, it may reject any and all bids and may waive minor deficiencies in bids or in sale advertisement.

6. BID FORMS – All sealed, written bids, and confirmation of oral bids shall be submitted on forms provided by Government.

(a) *Timber and/or Other Wood Products or Vegetative Resources Sales* – For each product and species, bids shall specify (1) Bureau of Land Management estimated unit volume or quantity, (2) bidder's price per unit and total value, and (3) bidder's total purchase price. Estimated volume and price per unit are to be used for administrative and appraisal purposes only. Upon award of contract, the high bidder agrees to pay the Government for the Timber and/or Other Wood Products or Vegetative Resources designated for removal in accordance with the terms of the contract. Timber and/or Other Wood Products or Vegetative Resources designated for removal may be less or more than the total estimated volume or quantity shown above.

7. BID DEPOSIT – All bidders must make a deposit of not less than the amount specified in the *Timber and/or Other Wood Products or Vegetative Resources Notice*. Deposit may be in the form of cash, money orders, bank drafts, cashiers or certified checks made payable to the Department of the Interior – BLM, bid bonds of a corporate surety shown on the approved list of the United States Treasury Department (*Applies To Timber Only*), or any approved guaranteed remittance approved by the Contracting Officer. Upon conclusion of bidding, the bid deposit of all bidders, except high bidder, will be returned. The cash deposit of the successful bidder shall be applied toward the required sale deposit and/or the purchase price. If the BLM fails to award the timber sale within 90 days of the determination of the high bidder, a portion of the bid deposit may be refunded to the high bidder upon written request to the authorized officer, such that the BLM retains a deposit of at least 5% of the appraised value. The remainder of the full bid deposit must be resubmitted to the BLM once the high bidder is notified in writing that the delay of award has been remedied and the authorized officer is prepared to issue the contract. If the high bidder is unable to provide the full amount of the bid deposit within 30 days of the written notification, the sale may be re-auctioned and the high bidder will be barred from participating in any subsequent auctions for the same tracts.

8. AWARD OF CONTRACT – Government may require high bidder to furnish such information as is necessary to determine the ability of bidder to perform the obligation of contract. Contract will be awarded to high bidder, unless he/she is not qualified or responsible or unless all bids are rejected. If high bidder is not qualified or responsible or fails to sign and return the contract together with required performance bond and any required payment, contract may be offered and awarded to the highest bidders qualified, responsible, and willing to accept the contract. If contract award is delayed more than 90 days, half of the bid deposit may be refunded to the high bidder until the sale award process resumes.

9. TIMBER AND/OR OTHER WOOD PRODUCTS OR VEGETATIVE RESOURCES SALE CONTRACTS – To be executed by purchaser, has been prepared by Government, and may be examined in the District or Field Manager's office.

(Continued on Page 4)

10. PERFORMANCE BOND – (Primarily Used For Timber Sales)

(a) A performance bond in an amount of not less than 20 percent of total purchase price is required, but the amount of the bond shall not be in excess of $500,000, except when the purchaser opts to increase the minimum bond to permit cutting prior to payment as provided in 43 CFR 5451.2, or in the event the purchaser is a holder of an unresolved default the bond may be increased as provided in 43 CFR 5450.1(b). Performance bond may be (1) bond of a corporate surety shown on approval list issued by the United States Treasury Department and executed on an approved standard form, (2) personal surety bond executed on an approved standard form if Government determines principals and bondsman are capable of carrying out the terms of the contract, (3) cash bonds, (4) negotiable securities of the United States, or (5) any guaranteed remittance approved by the Contracting Officer.

(b) If purchaser elects to cut Timber and/or Other Wood Products or Vegetative Resources without skidding or yarding it to a loading point or removing it prior to the payment of the second or subsequent installments, Government shall require an increase in amount of performance bond initially required by an amount equal to the value of Timber and/or Other Wood Products or Vegetative Resources to be cut. Such increase must be on a bond rider form supplied by Government and be approved, in writing, by Government prior to cutting Timber and/or Other Wood Products or Vegetative Resources covered by the bond increase. This increased amount of bond shall be used to assure payment for Timber and/or Other Wood Products or Vegetative Resources cut in advance of payment.

11. PAYMENT BOND – (Primarily Used For Timber Sales)

If purchaser elects to (a) cut and remove Timber and/or Other Wood Products or Vegetative Resources, or (b) remove Timber and/or Other Wood Products or Vegetative Resources already cut which has been secured by an increased performance bond as provided in paragraph 10(b) above, before payment of the second or subsequent installments, Government shall require a payment bond on a form supplied by Government. Purchaser shall obtain written approval from Government of payment bond prior to cutting and/or removal of Timber and/or Other Wood Products or Vegetative Resources covered by the bond. Payment bond shall be used to assure payment for Timber and/or Other Wood Products or Vegetative Resources cut and/or removed in advance of payment.

12. PAYMENT OF PURCHASE PRICE – For sales of $500 or more, Government may allow payment by installments. Except as discussed in paragraphs 10 and 11 above, no part of any Timber and/or Other Wood Products or Vegetative Resources sold may be severed, cut, or removed unless advance payment has been made as provided in contract.

13. LIQUIDATED DAMAGES – Within thirty (30) days from receipt of *Timber and/or Other Wood Products or Vegetative Resources* Sale Contract, the successful bidder shall sign contract and return it to Government, together with required bond and any required payment. If successful bidder fails to comply within the stipulated time, his/her bid deposit shall be retained by Government as liquidated damages.

14. NINETY-DAY SALES – If no bid is received within time specified in the advertisement of sale and if Government determines that there has been no significant rise in the market value of Timber and/or Other Wood Products or Vegetative Resources, it may, in its discretion, keep the sale open, not to exceed ninety (90) days.

15. UNAUTHORIZED USE OF GOVERNMENT PROPERTY – A sale may be refused to high bidder who has been notified that he/she has failed to make satisfactory arrangements for payment of damages resulting from unauthorized use of, or injury to, property of the United States.

16. [RESERVED]

17. LOG EXPORT – All timber offered for sale except as noted in the *Timber Sale Notice* is restricted from export from the United States in the form of unprocessed timber and any exporters of unprocessed private timber west of the 100th meridian in the contiguous 48 states within 24-months of the sale date are not eligible to purchaser Federal Timber west of the 100th meridian in the contiguous 48 states. For the purpose of this contract, unprocessed timber is defined as:

(1) any logs except those of utility grade or below, such as saw logs, peeler logs, and pulp logs; (2) cants or squares to be subsequently remanufactured exceeding eight and three quarters (8-3/4) inches in thickness; (3) split or round bolts or other roundwood not processed to standards and specifications suitable for end product use; or (4) western red cedar lumber which does not meet lumber of American Lumber Standards Grades of Number 3 dimensions or better, or Pacific Lumber Inspection Bureau R-List Grades of Number 3 common or better.

Timber manufactured into the following will be considered processed: (1) Lumber or construction timbers, except western red cedar, meeting current American Lumber Standards Grades or Pacific Lumber Inspection Bureau Export R or N list grades, sawn on four sides, not intended for remanufacture; (2) Lumber, construction timbers, or cants for remanufacture, except western red cedar, meeting current American Lumber Standards Grades or Pacific Lumber Inspection Bureau Export R or N list clear grades, sawn on four sides, not to exceed twelve inches in thickness; (3) Lumber, construction timbers, or cants for remanufacture, except western red cedar, that do not meet the grades referred to in subclause 2 and are sawn on four sides, with wane less than ¼ of any face, not exceeding 8¾ inches in thickness; (4) Chips, pulp, or pulp products; (5) Veneer or plywood; (6) Poles, posts, or piling cut or treated with preservatives for use as such; (7) Shakes or shingles; (8) Aspen or other pulpwood bolts, not exceeding 100 inches in length, exported for processing into pulp; (9) Pulp logs, cull logs, and incidental volumes of grade 3 and 4 saw logs processed at domestic pulp mills, domestic chip plants, or other domestic operations for the primary purpose of conversion of the logs into chips, or to the extent that a small quantity of such logs are processed, into other products at domestic processing facilities.

18. DETAILED INFORMATION – Detailed information concerning contract provisions, bid, performance bond forms, tract location maps, and access conditions may be obtained from the Contracting Officer. All persons interested in bidding on the products listed are encouraged to familiarize themselves with all such detailed information.

Township 31 South, Range 8 West, Section 7, Willamette Meridian
Township 30 South, Range 9 West, Section 35, Willamette Meridian
Township 31 South, Range 9 West, Section 1, Willamette Meridian

Harvest Area	Thinning Acres	Variable - Retention Regeneration Acres	Total Harvest Acres	Harvest Method
1	0	21	21	Cable/Ground
2	9	0	9	Cable
3	2	0	2	Ground
4	8	0	8	Cable/Ground
5	0	22	22	Cable/Ground
6	0	18	18	Cable
7	22	17	39	Cable
Totals	**41**	**78**	**119**	

VARIABLE – RETENTION REGENERATION HARVEST AREA	78 Acres
THINNING HARVEST AREA	41 Acres
RIGHT-OF-WAY (CLEARING)	1 Acres
TOTAL HARVEST AREA	120 Acres
RESERVE AREA	380 Acres
TOTAL CONTRACT AREA	500 Acres

1. Harvest Area boundaries are posted with tags that read "Boundary of Timber Reserve" and boundary trees are blazed and painted orange. Trees marked with orange blazes to delineate the boundaries of the Harvest Areas and trees marked with orange paint within the Harvest Areas are reserved by the government.

2. Trees designated for cutting in the Reserve Area are marked with blue paint.

3. Trees designated with yellow paint in the Reserve Area may be cut, but not removed.

4. Property lines are posted with orange and white tags that read "Timber Cutting Boundary".

5. Clearing limits on road rights-of-ways within the Harvest Areas are posted with fluorescent paper flasher tags.

6. Ground-based yarding is limited to dry season operations and slopes 35% or less within the ground-based area shown on Exhibit A, approximately 18 acres.

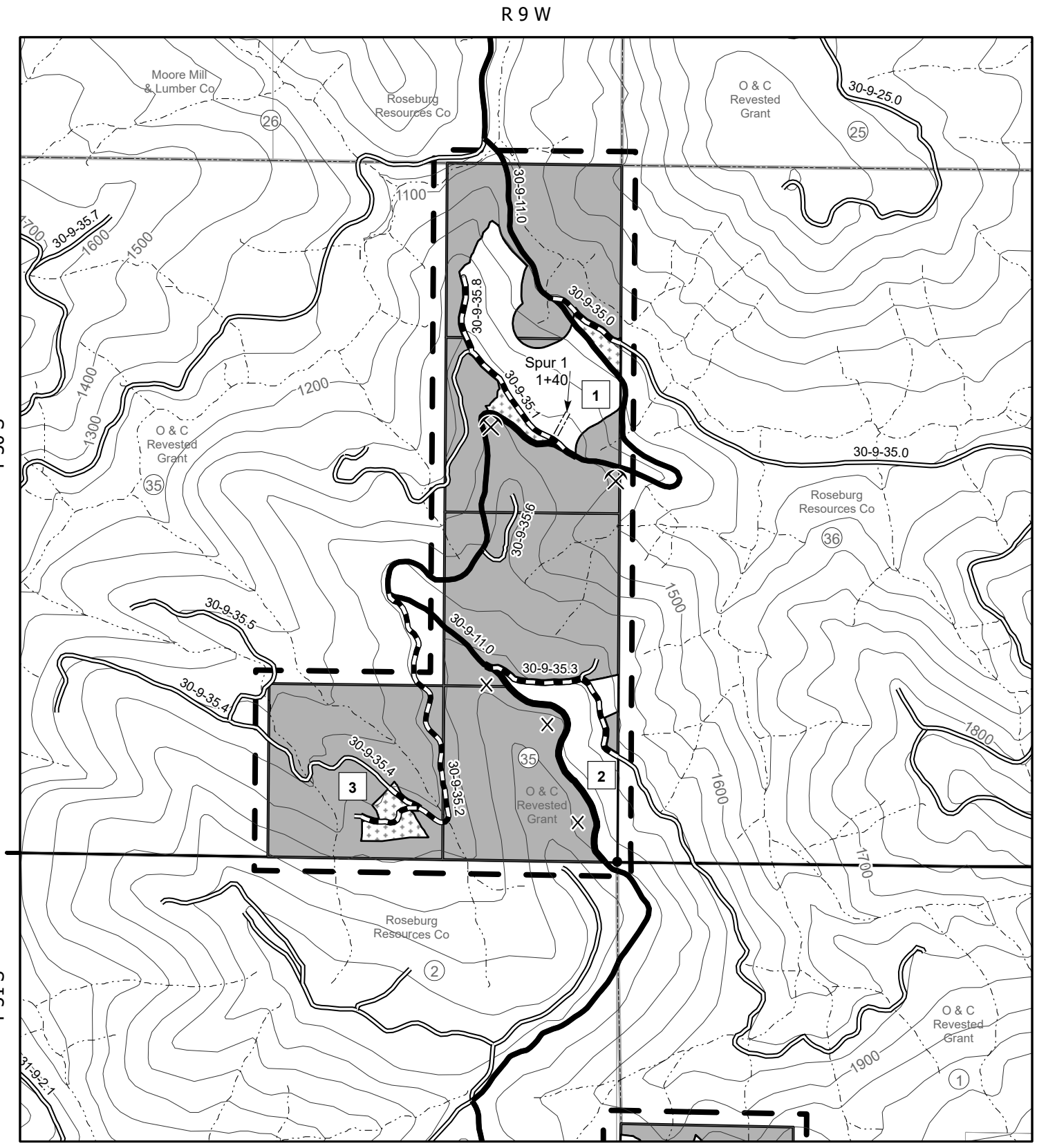
Bureau of Land Management

EXHIBIT A

Sheet 2 of 4

East Dice

Contract # ORR05-TS-2027.0002



- Survey Corner
- Rock Quarry
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Construction
- Road Renovation
- Haul Route
- Harvest Area - Cable Yarding
- Harvest Area - Ground Based
- Reserve Area
- Contract Area
- Roseburg District Boundary

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 9/29/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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.

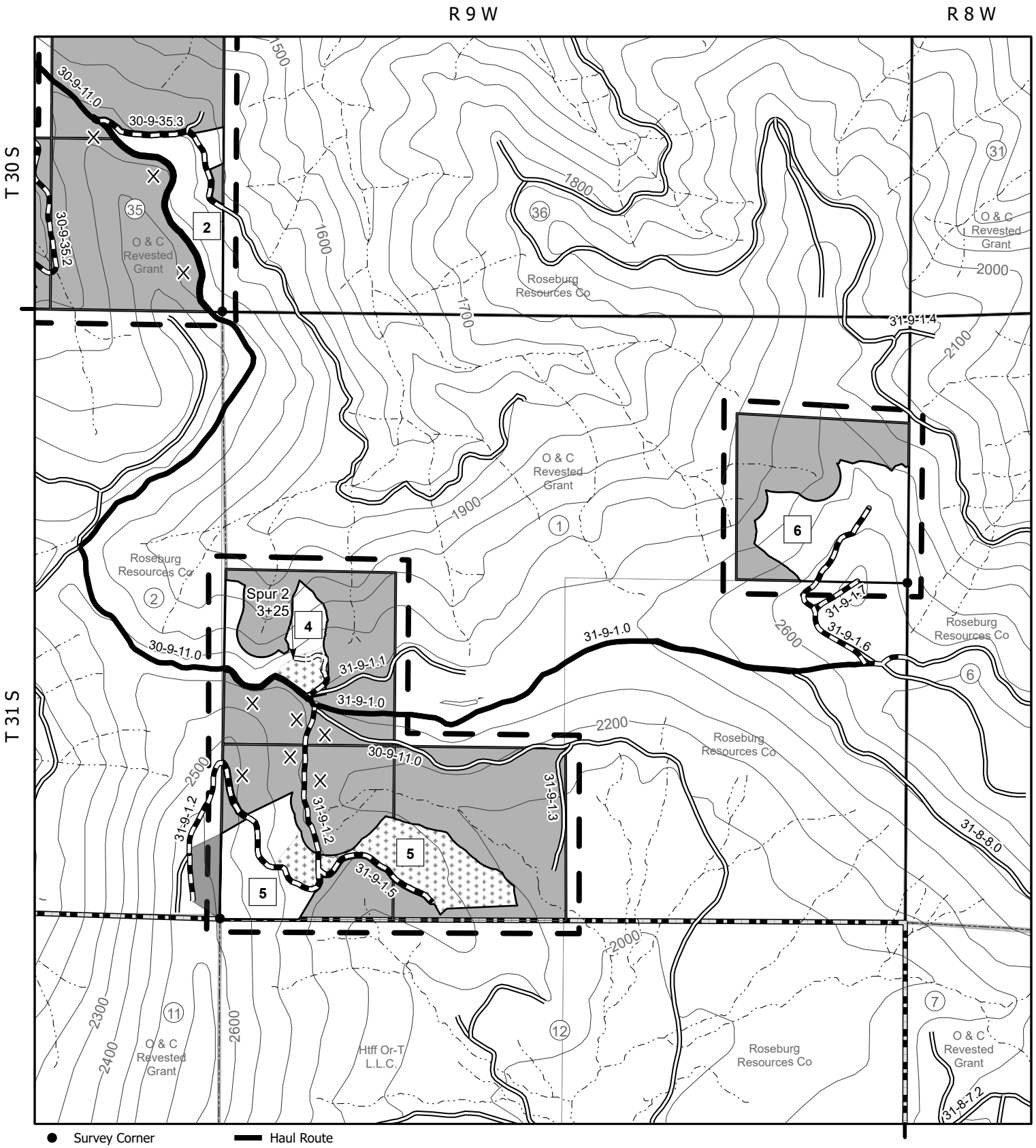
Bureau of Land Management

EXHIBIT A

Sheet 3 of 4

East Dice

Contract # ORR05-TS-2027.0002



- Survey Corner
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Construction
- Road Renovation
- Haul Route
- Harvest Area - Cable Yarding
- Harvest Area - Ground Based
- Reserve Area
- Contract Area
- Roseburg District Boundary

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 9/29/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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Bureau of Land Management

EXHIBIT A

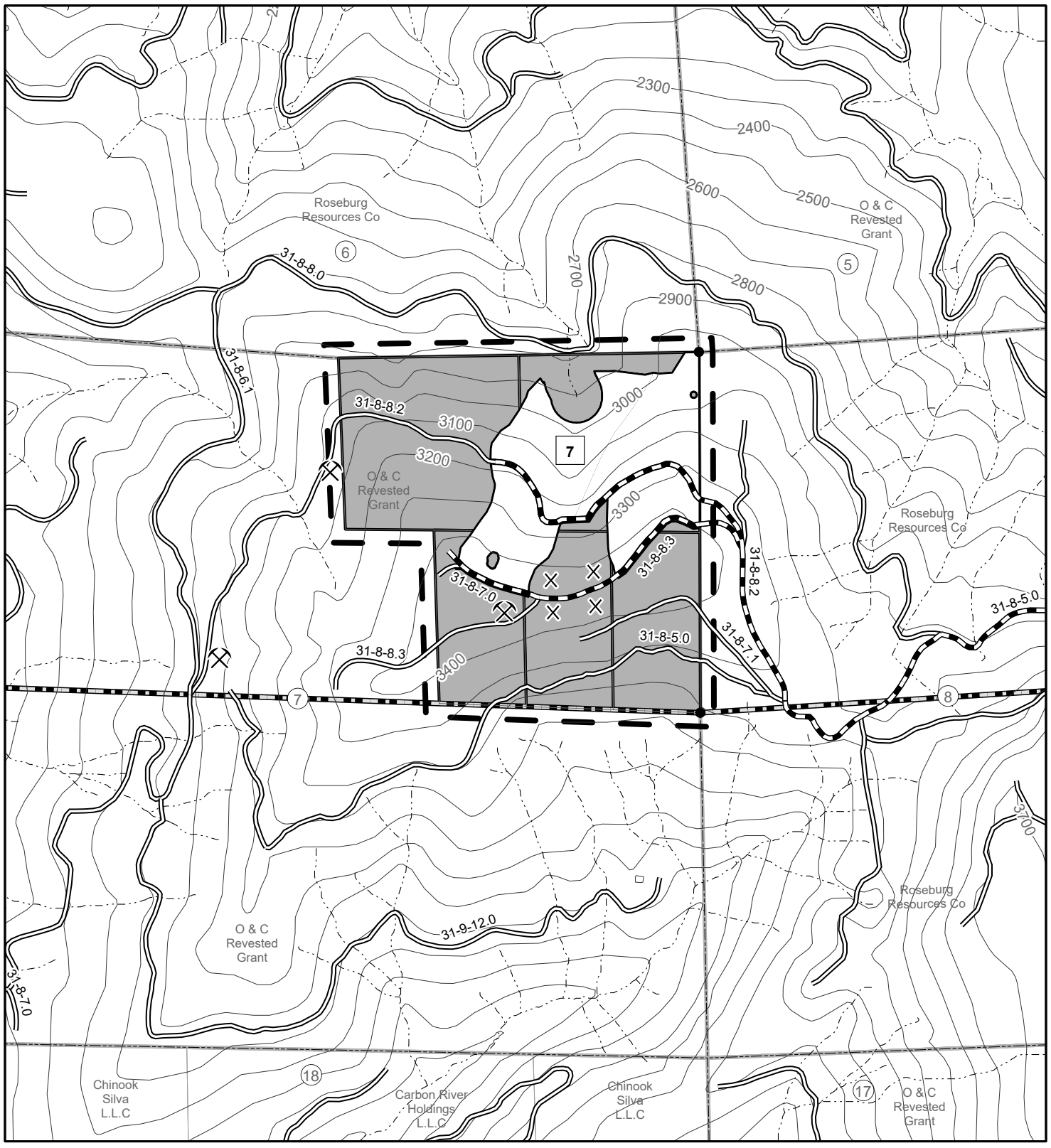
Sheet 4 of 4

East Dice

Contract # ORR05-TS-2027.0002

R 8 W

T 31 S



- Survey Corner
- Rock Quarry
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Renovation
- Harvest Area - Cable Yarding
- Reserve Area
- Contract Area
- Roseburg District Boundary

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 9/29/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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Form 5450-003a

(February 1986)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EXHIBIT B / PRE-SALE

5450-003

Contract No.

ORR05-TS-2027.0002

East Dice

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 *(Units Specified)*		PRICE PER UNIT	ESTIMATED VOLUME OR QUANTITY X UNIT PRICE
Douglas Fir	3,445.0	MBF	$164.80	$567,736.00
Grandfir	153.0	MBF	$44.60	$6,823.80
Incense-cedar	7.0	MBF	$35.80	$250.60
Western Hemlock	5.0	MBF	$47.40	$237.00
Western Redcedar	1.0	MBF	$219.60	$219.60
Mixed Species	261.0	GTON	$3.00	$783.00
TOTALS	3,611.0 MBF, 261.0 GTON			$576,050.00

The apportionment of the total purchase price is as follows:

Unit 1

Douglas Fir	454.0 MBF	X	$164.80	=	$74,819.20	
Mixed Species	35.0 GTON	X	$3.00	=	$105.00	
Grandfir	31.0 MBF	X	$44.60	=	$1,382.60	
Total	485.0 Mbf, 35.0 Gton				$76,306.80	÷ 21.0 acres = $3,633.66/Acre

Unit 2

Douglas Fir	195.0 MBF	X	$164.80	=	$32,136.00	
Mixed Species	15.0 GTON	X	$3.00	=	$45.00	
Grandfir	13.0 MBF	X	$44.60	=	$579.80	
Total	208.0 Mbf, 15.0 Gton				$32,760.80	÷ 9.0 acres = $3,640.09/Acre

Unit 3

Douglas Fir	43.0 MBF	X	$164.80	=	$7,086.40	
Mixed Species	3.0 GTON	X	$3.00	=	$9.00	
Grandfir	3.0 MBF	X	$44.60	=	$133.80	
Total	46.0 Mbf, 3.0 Gton				$7,229.20	÷ 2.0 acres = $3,614.60/Acre

Unit 4

Douglas Fir	173.0 MBF	X	$164.80	=	$28,510.40	
Mixed Species	13.0 GTON	X	$3.00	=	$39.00	
Grandfir	12.0 MBF	X	$44.60	=	$535.20	
Total	185.0 Mbf, 13.0 Gton				$29,084.60	÷ 8.0 acres = $3,635.58/Acre

Unit 5

Douglas Fir	498.0 MBF	X	$164.80	=	$82,070.40	

Form 5450-003a

(February 1986)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EXHIBIT B / PRE-SALE

5450-003

Contract No.

ORR05-TS-2027.0002

East Dice

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.**

Unit 5						
Mixed Species	39.0 GTON	X	$3.00	=	$117.00	
Grandfir	33.0 MBF	X	$44.60	=	$1,471.80	
Total	531.0 Mbf, 39.0 Gton				$83,659.20	÷ 22.0 acres = $3,802.69/Acre
Unit 6						
Douglas Fir	390.0 MBF	X	$164.80	=	$64,272.00	
Mixed Species	30.0 GTON	X	$3.00	=	$90.00	
Grandfir	27.0 MBF	X	$44.60	=	$1,204.20	
Total	417.0 Mbf, 30.0 Gton				$65,566.20	÷ 18.0 acres = $3,642.57/Acre
Unit 7						
Western Redcedar	1.0 MBF	X	$219.60	=	$219.60	
Douglas Fir	1,656.0 MBF	X	$164.80	=	$272,908.80	
Western Hemlock	5.0 MBF	X	$47.40	=	$237.00	
Mixed Species	124.0 GTON	X	$3.00	=	$372.00	
Grandfir	34.0 MBF	X	$44.60	=	$1,516.40	
Incense-cedar	7.0 MBF	X	$35.80	=	$250.60	
Total	1703.0 Mbf, 124.0 Gton				$275,504.40	÷ 39.0 acres = $7,064.22/Acre
Unit Spur1						
Douglas Fir	18.0 MBF	X	$164.80	=	$2,966.40	
Mixed Species	1.0 GTON	X	$3.00	=	$3.00	
Total	18.0 Mbf, 1.0 Gton				$2,969.40	÷ 0.5 acres = $5,938.80/Acre
Unit Spur2						
Douglas Fir	18.0 MBF	X	$164.80	=	$2,966.40	
Mixed Species	1.0 GTON	X	$3.00	=	$3.00	
Total	18.0 Mbf, 1.0 Gton				$2,969.40	÷ 0.5 acres = $5,938.80/Acre

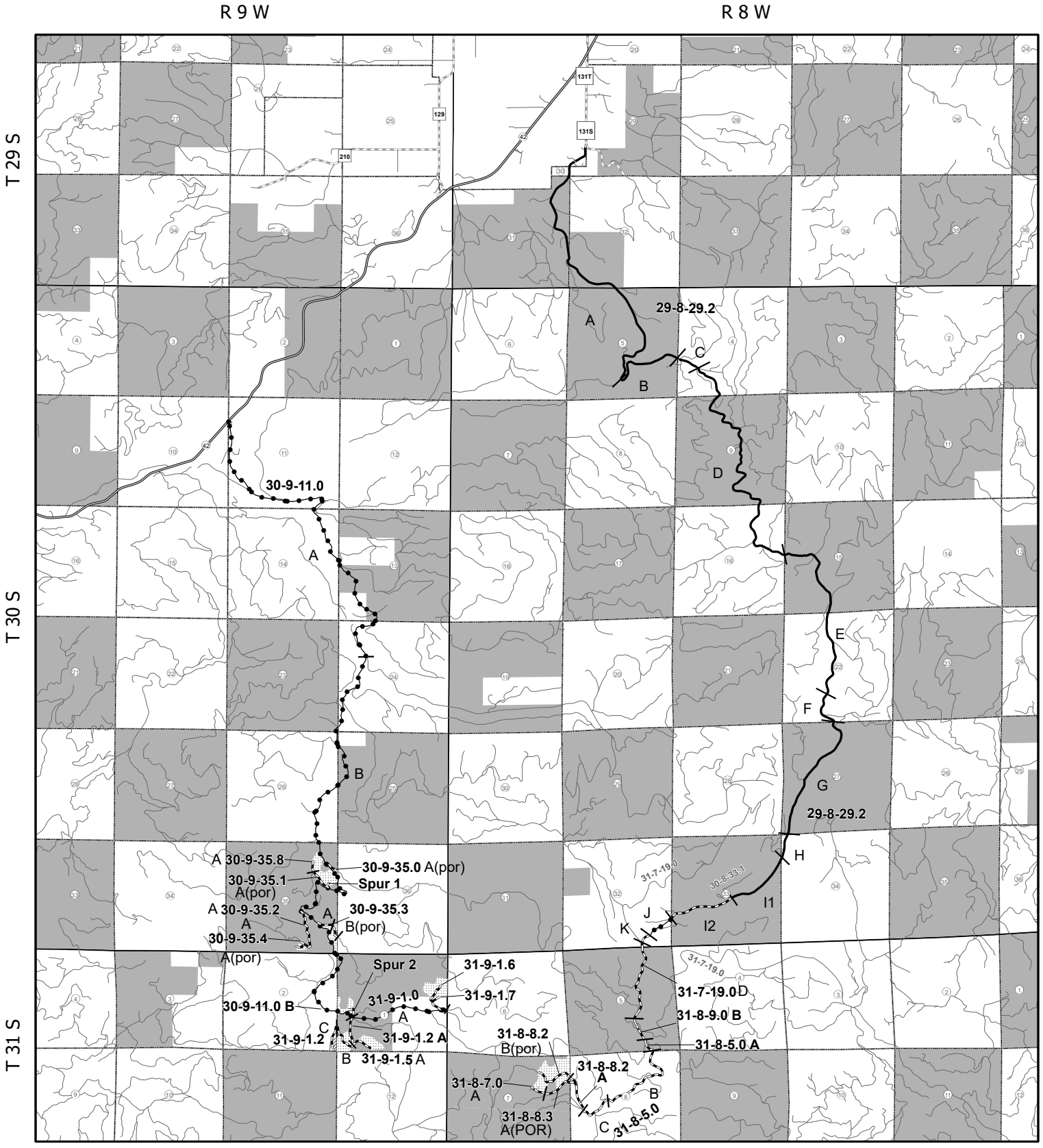
Bureau of Land Management

EXHIBIT D

Sheet 1 of 1

East Dice

Contract # ORR05-TS-2027.0002



Legend

- BLM Maintenance
- Purchaser Maintenance
- RRC Maintenance
- Yarding Wedge
- Harvest Area

Scale: 1:75,000

0 0.5 1 Miles

N

Date: 10/16/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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United States Department of the Interior
Bureau of Land Management Roseburg District
EXHIBIT D

Sale Name: East Dice

Contract No. ORR05-TS-2027.0002

Road Number	Road Seg.	Segment Length	Segment Owner	Road Use Fees	Surface Type	Timber Haul Fees	Maintained By
29-8-29.2	A	2.80	BLM		BST	$0.82	BLM
29-8-29.2	B	0.80	BLM		BST	$0.82	BLM
29-8-29.2	C	0.20	BLM		BST	$0.82	BLM
29-8-29.2	D	2.90	BLM		BST	$0.82	BLM
29-8-29.2	E	1.70	BLM		BST	$0.82	BLM
29-8-29.2	F(BASE)	0.20	LRT	PAID OFF	ROCK		BLM
29-8-29.2	F(IMP)	0.20	BLM		BST	$0.82	BLM
29-8-29.2	G	1.40	BLM		BST	$1.82	BLM
29-8-29.2	H(BASE)	0.20	LRT	PAID OFF	ROCK		BLM
29-8-29.2	H(IMP)	0.20	BLM		BST	$0.82	BLM
29-8-29.2	I1	0.51	BLM		BST	$0.82	BLM
29-8-29.2	I2	0.69	BLM		Rock	$0.95	Purchaser
29-8-29.2	J	0.30	RRC	Paid Off	Rock	$1.91	RRC
29-8-29.2	K	0.10	BLM		Rock	$0.95	Purchaser
30-9-11.0	A	3.22	RRC	$0.54	ROCK	$1.91	RRC
30-9-11.0	B	6.30	RRC	$0.76	ROCK	$1.91	RRC
30-9-35.0	A(POR)	0.12	RRC	$0.30	ROCK	$0.95	Purchaser
30-9-35.1	A(POR)	0.18	BLM		ROCK	$0.95	Purchaser
30-9-35.2	A	0.53	BLM		ROCK	$0.95	Purchaser
30-9-35.3	A	0.12	BLM		ROCK	$0.95	Purchaser
30-9-35.3	B(POR)	0.13	BLM		ROCK	$0.95	Purchaser
30-9-35.4	A(POR)	0.05	BLM		ROCK	$0.95	Purchaser
30-9-35.8	A	0.11	BLM		ROCK	$0.95	Purchaser
31-7-19.0	D	0.80	BLM		ROCK	$0.95	Purchaser
31-8-5.0	A(BASE)	0.10	BLM		ROCK		Purchaser
31-8-5.0	A(IMP)	0.10	RRC	$0.11	ROCK	$0.95	Purchaser
31-8-5.0	B	0.70	RRC	$0.85	ROCK	$0.95	Purchaser
31-8-5.0	C(BASE) (POR)	0.21	BLM		ROCK		Purchaser
31-8-5.0	C(IMP) (POR)	0.21	RRC	$0.27	ROCK	$0.95	Purchaser
31-8-7.0	A	0.15	BLM		ROCK	$0.95	Purchaser
31-8-8.2	A	0.70	BLM		ROCK	$0.95	Purchaser
31-8-8.2	B(POR)	0.39	BLM		ROCK	$0.95	Purchaser
31-8-8.3	A(POR)	0.36	BLM		ROCK	$0.95	Purchaser
31-8-9.0	B	0.16	BLM		ROCK	$0.95	Purchaser
31-9-1.0	A	0.90	RRC	$2.01	ROCK	$1.91	RRC
31-9-1.2	A(BASE)	0.25	BLM		ROCK		Purchaser
31-9-1.2	A(IMP)	0.25	RRC	$1.16	ROCK	$0.95	Purchaser
31-9-1.2	B	0.30	RRC	$4.09	ROCK	$0.95	Purchaser
31-9-1.2	C	0.22	RRC	$12.00	ROCK	$0.95	Purchaser
31-9-1.5	A	0.16	BLM		NATIVE		Purchaser
31-9-1.6	A	0.16	BLM		ROCK	$0.95	Purchaser
31-9-1.6	B	0.11	BLM		ROCK	$0.95	Purchaser
31-9-1.7	A	0.08	BLM		ROCK	$0.95	Purchaser
SPUR 1	A	0.03	BLM		ROCK	$0.95	Purchaser
SPUR 2	A	0.12	BLM		ROCK	$0.95	Purchaser

ROAD MAINTENANCE SPECIFICATIONS

General road maintenance specifications are designated by numeric symbols according to the type of work performed as follows:

SECTION	DESCRIPTION
3000	General
3100	Operational Maintenance
3200	Seasonal Maintenance
3300	Final Maintenance
3400	Other Maintenance
3500	Decommissioning

ROAD MAINTENANCE SPECIFICATIONS

GENERAL - 3000

3001 The Purchaser shall be required to maintain all roads listed and/or referenced in section 42(D) Special Provisions of this contract in accordance with Sections 3000, 3100, 3200, 3300, 3400, and 3500 of this exhibit.

3002 The Purchaser shall maintain the cross section of existing dirt or graveled roads to the existing geometric standards. Any roads required to be constructed, improved, or renovated under 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.

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, street sweeper, 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.

ROAD MAINTENANCE SPECIFICATIONS

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 water 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 by scattering below the road.

3108 The Purchaser shall avoid fouling gravel or bituminous surfaces through covering with earth and debris from side ditches, slides, or other sources. The Purchaser shall also avoid blading surfacing material off the running surface of the roadway.

3108a The Purchaser shall perform logging operations on gravel or bituminous roadways only where the locations have been marked on the ground and/or approved by the Authorized Officer. Upon completion of log haul, the road surface shall be swept clean of debris. Repair of the roads is not considered maintenance and shall be conducted at the Purchaser's expense.

3108b Any damage to bituminous roadways, as a result of logging operations, is not considered maintenance and shall be repaired at the Purchaser's expense.

3109 The maximum allowable rut depth on aggregate surfaced roads is 2". Roads with ruts exceeding this requirement shall be bladed and brought back into conformance with the typical sections shown in the drawings. Rut depth shall be measured by centering a minimum 3-foot-long straightedge across the wheel rut maintaining contact with the aggregate at both ends of the strait edge. The rut depth shall be the distance measured between the bottom of the straight edge and the lowest point of the wheel rut.

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 the Purchaser, 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 proceeding 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 the terms of their contract within thirty 30 calendar days following the completion of hauling or the expiration of the Purchaser's right to cut and remove timber 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.

DECOMMISSIONING – 3500

3501 Decommissioning shall consist of removing culverts, installing water bars, placement of slash, and blocking road from access by vehicles. This work is required for road acceptance under Section 18 of this contract.

3503 Decommissioning shall be performed on existing roads in accordance with these specifications, and as shown on the Exhibit D Trench Barrier and Waterbar Details at the following locations:

ROAD MAINTENANCE SPECIFICATIONS

Road No	From Sta. / M.P.	To Sta. / M.P.	Method of Decommissioning
None	None	None	None

3506 Stockpiled slash shall be used to protect exposed areas created by the Purchaser's decommissioning operations described in these sections. Slash shall be uniformly spread and placed without bunching. The operation shall produce a dense, uniform mat. Where slash is not available exposed soil areas shall be stabilized in accordance with Section 1800.

3508 Protect areas treated with slash placement from damage by Purchaser traffic or construction equipment. Damaged areas shall be repaired by the Purchaser.

3509 Access shall be blocked with barricades as shown on the typical detail sheet at locations listed in Section 3503.

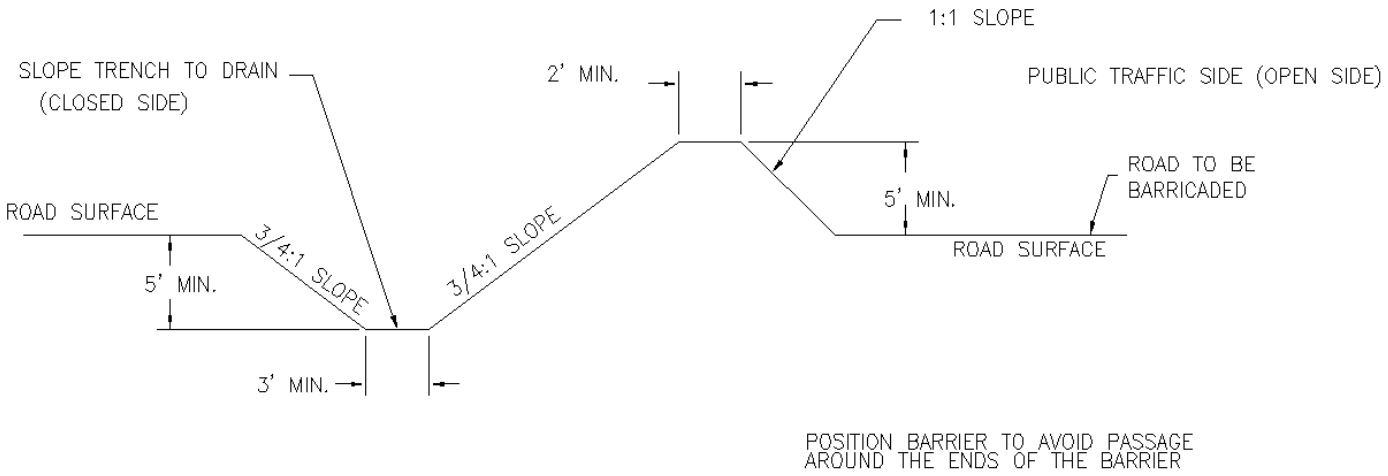
3511 Water barring shall be done on designated roadways, turnouts, disturbed areas, and landings.

3513 Water bars shall be installed across full width of roadway at the spacing shown on the Exhibit D Waterbar Detail sheet.

3514 Protection of exposed surfaces shall be accomplished by placement of slash described in Subsection 3506 or placement of soil stabilization material in accordance with Section 1800 on designated roadways landings, cut banks, fill slopes, and other areas disturbed by the purchaser's decommissioning operations in accordance with these specifications and as shown in the plans.

ROAD MAINTENANCE SPECIFICATIONS

EXHIBIT D
TRENCH BARRIER DETAIL

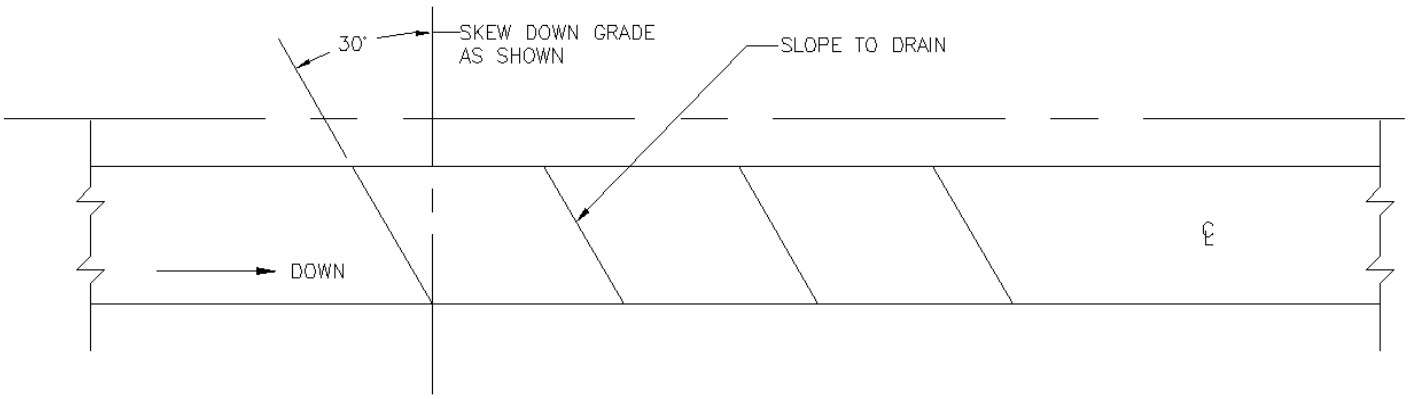


POSITION BARRIER TO AVOID PASSAGE
AROUND THE ENDS OF THE BARRIER

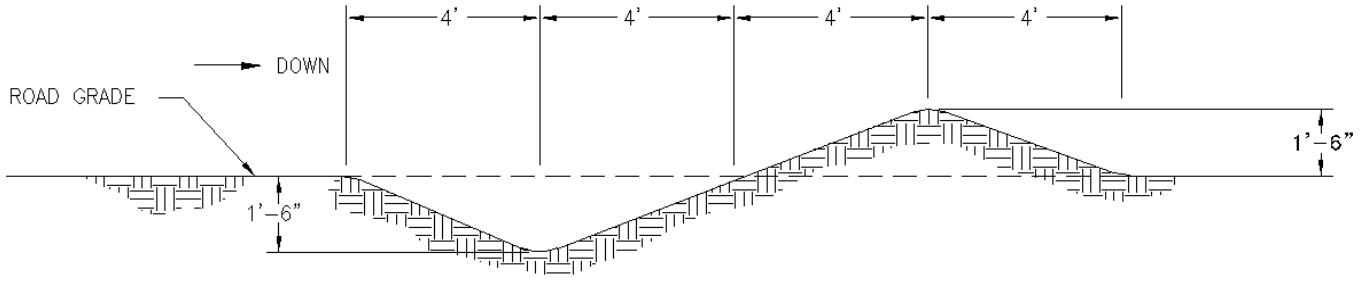
TRENCH BARRIER
SCALE: NONE

ROAD MAINTENANCE SPECIFICATIONS

EXHIBIT D
WATERBAR DETAIL



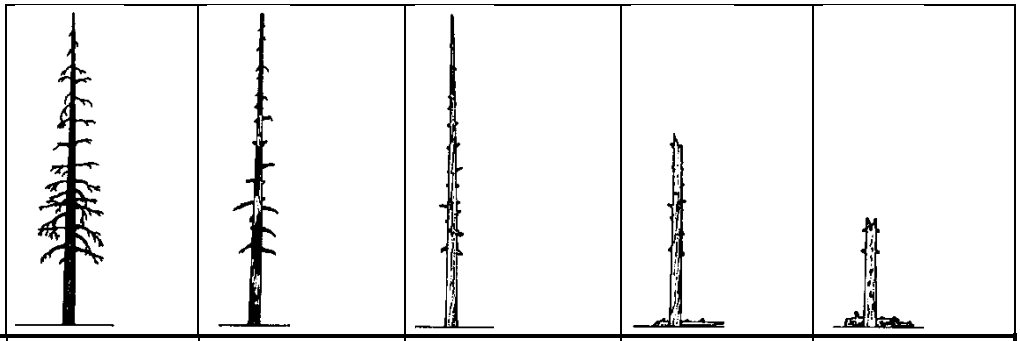
ROAD PLAN
SCALE: NONE



WATERBAR SPACING IN FEET	
ROAD GRADIENT IN %	SPACING
3 TO 5	300
6 TO 10	200
11 TO 15	150
16 TO 20	75
21 TO 35	50

ROAD PROFILE
SCALE: NONE

Dead Tree (Snag) Decay Classification



Class	1	2	3	4	5
Bark	Tight intact	50% loose or missing	75% Missing	75% Missing	75% Missing
Heartwood decay	Minor	None to advanced	Incipient to advanced	Incipient to advanced	Advanced to crumbly
Sapwood decay	None to incipient	Non to incipient	None to 25%	25% +	50% + advanced
Limbs	Mostly present	Small limbs missing	Few remain	Few remain	Absent
Top breakage	May be present	May be present	Approx. 1/3	Approx. 1/3-1/2	Approx. ½ +
Bole form	Intact	Intact	Mostly intact	Losing form, soft	Form mostly lost

Coarse Woody Debris (Downed Log) Decay Classification



Class	1	2	3	4	5
Bark	Intact	Intact	Trace	Absent	Absent
Twigs	Present	Absent	Absent	Absent	Absent
Texture	Intact	Intact to soft	Hard, large pieces	Soft, blocky pieces	Soft, powdery
Shape	Round	Round	Round	Round to oval	Oval
Color of wood	Original	Original	Original to faded	Light brown to faded brown	Faded to light yellow or gray
Bole portion on ground	None, elevated on supports	Parts touch, still elevated	Bole on ground	Partially below ground	Mostly below ground

Bureau of Land Management

EXHIBIT F
Harvest Prescription

Sheet 1 of 3

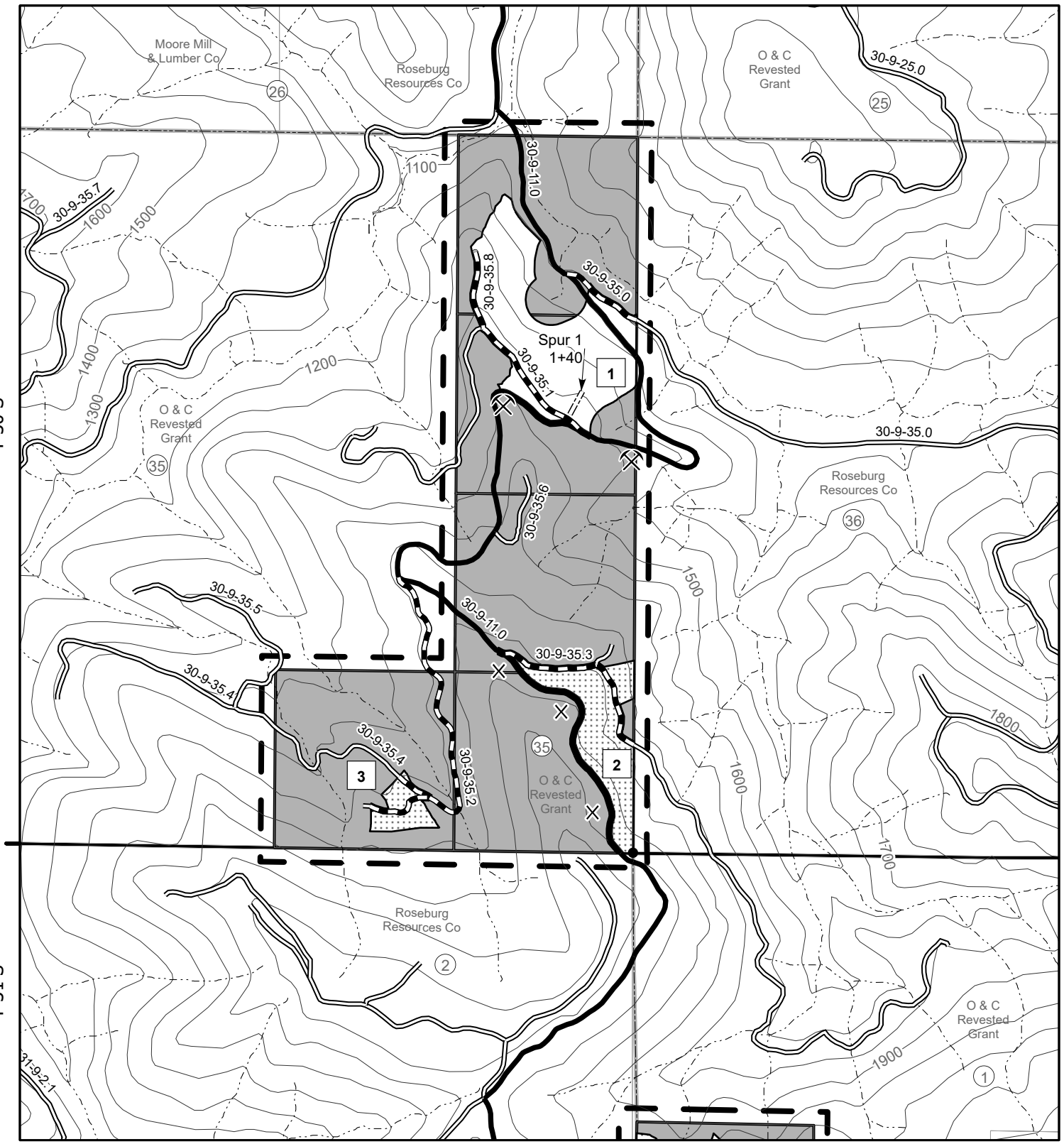
East Dice

Contract # ORR05-TS-2027.0002

R 9 W

T 30 S

T 31 S



- Survey Corner
- Rock Quarry
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Construction
- Road Renovation
- Haul Route
- Regeneration
- Variable Density Thin
- Reserve Area
- Contract Area
- Roseburg District Boundary

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 9/29/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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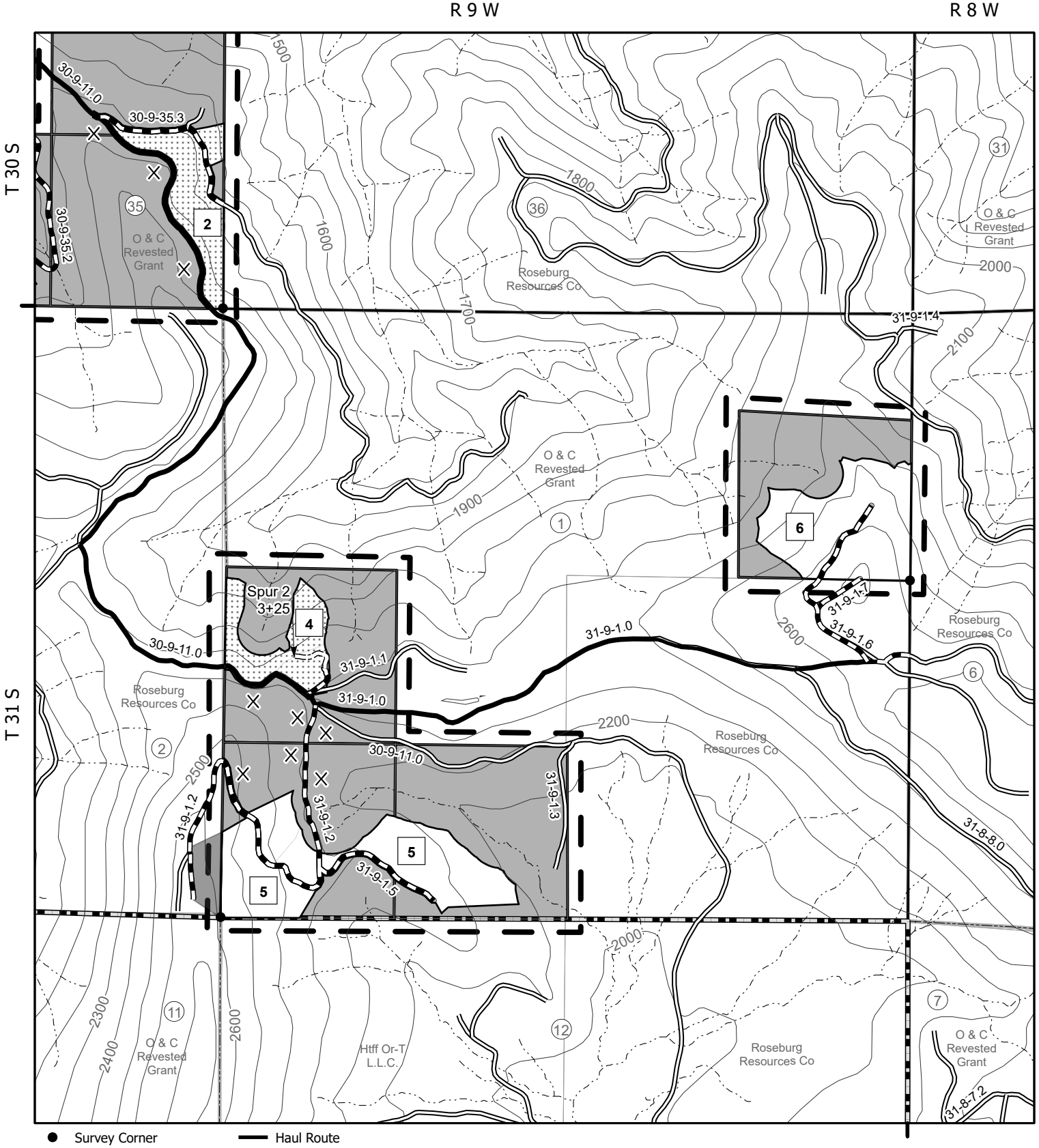
Bureau of Land Management

EXHIBIT F
Harvest Prescription

Sheet 2 of 3

East Dice

Contract # ORR05-TS-2027.0002



- Survey Corner
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Construction
- Road Renovation
- Haul Route
- Regeneration
- Variable Density Thin
- Reserve Area
- Contract Area
- Roseburg District Boundary

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 10/22/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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Bureau of Land Management

EXHIBIT F
Harvest Prescription

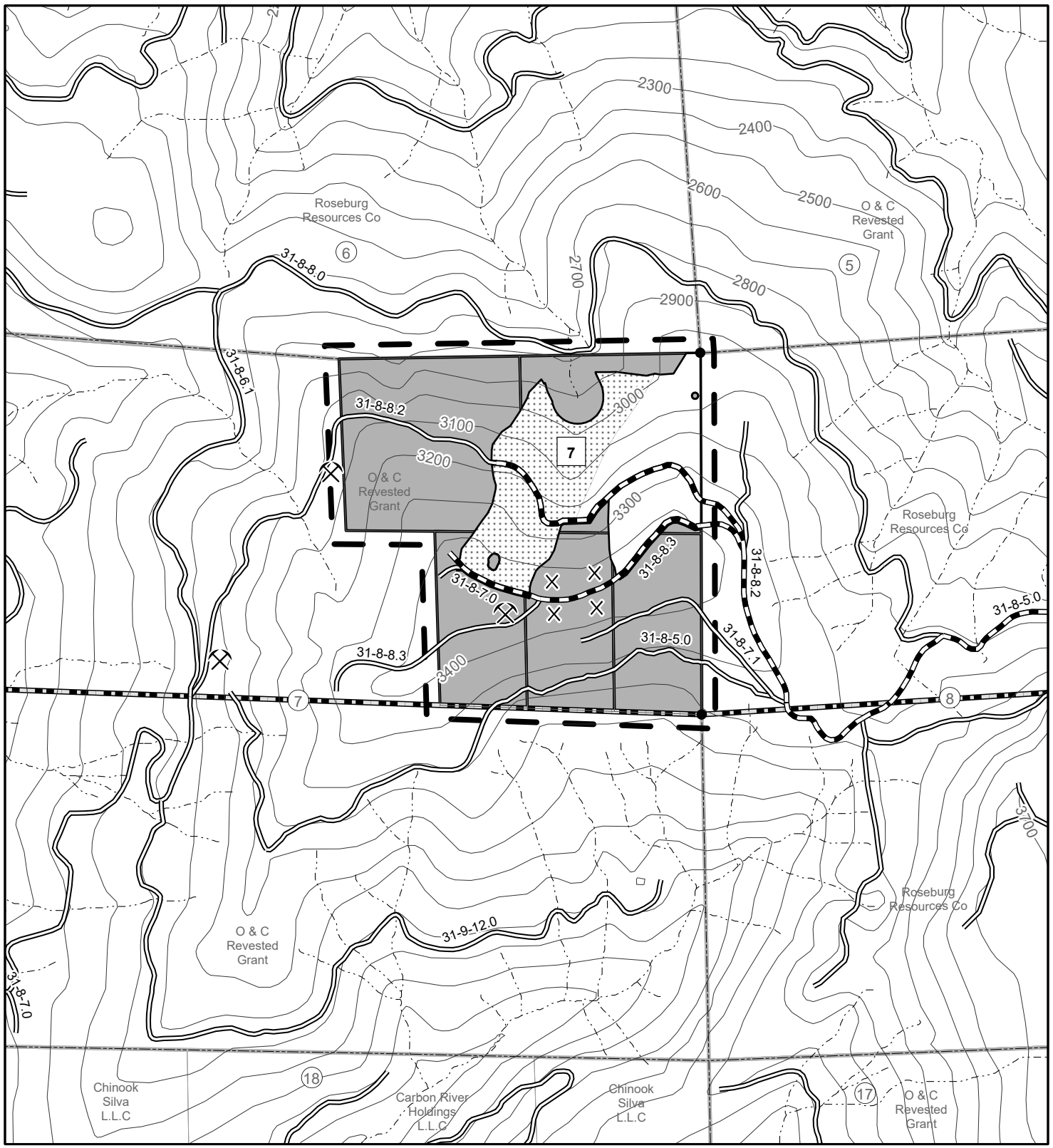
Sheet 3 of 3

East Dice

Contract # ORR05-TS-2027.0002

R 8 W

T 31 S



- Survey Corner
- Rock Quarry
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Renovation
- Regeneration
- Variable Density Thin
- Reserve Area
- Contract Area
- Roseburg District Boundary

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 10/22/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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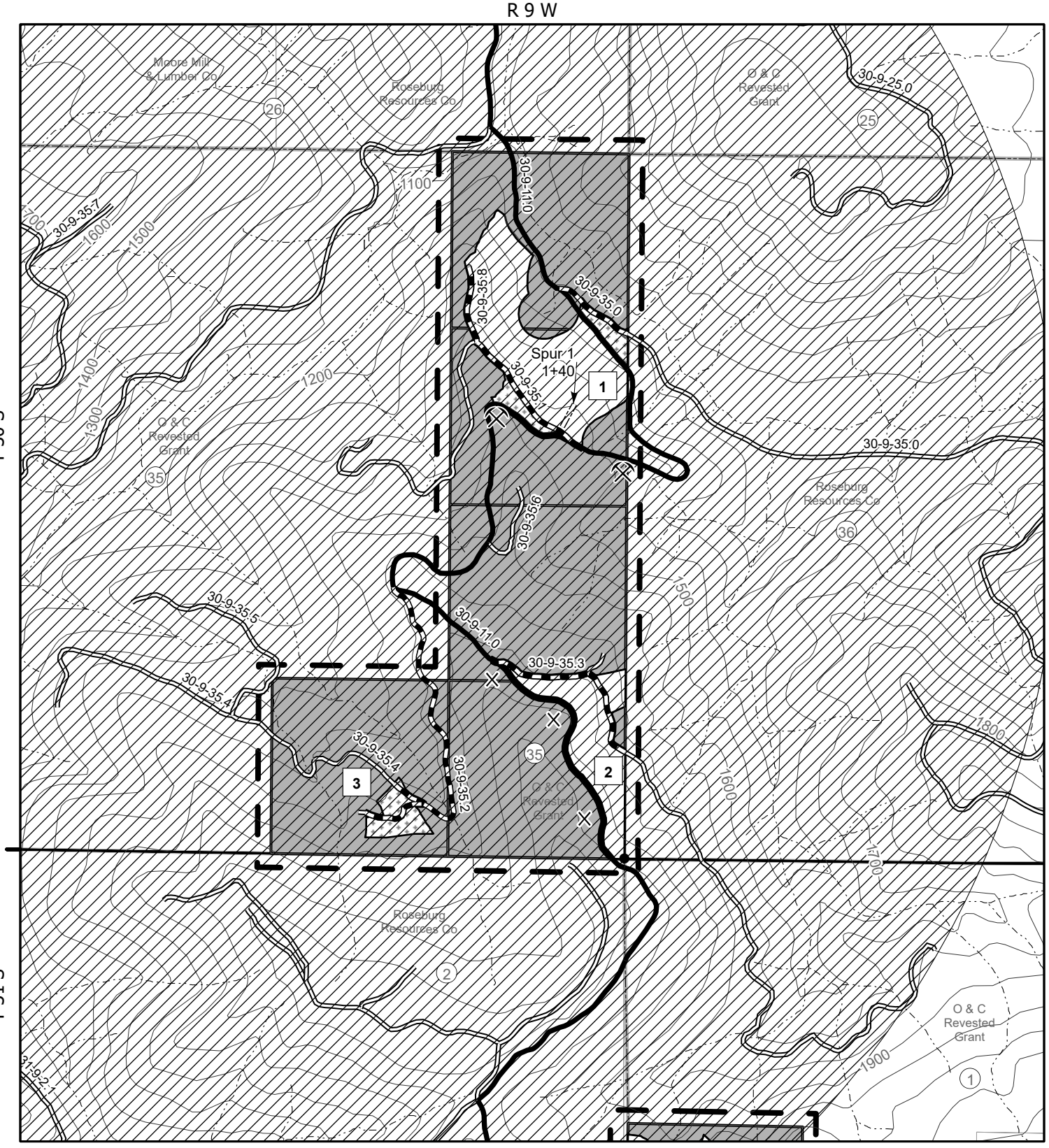
Bureau of Land Management

EXHIBIT G
Northern Spotted Owl Seasonal Restrictions

Sheet 1 of 3

East Dice

Contract # ORR05-TS-2027.0002



- Survey Corner
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Construction
- Road Renovation
- Haul Route
- Harvest Area - Cable Yarding
- Harvest Area - Ground Based
- Reserve Area
- Contract Area
- Roseburg District Boundary
- NSO Restriction Area March 1 - September 15

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 10/22/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

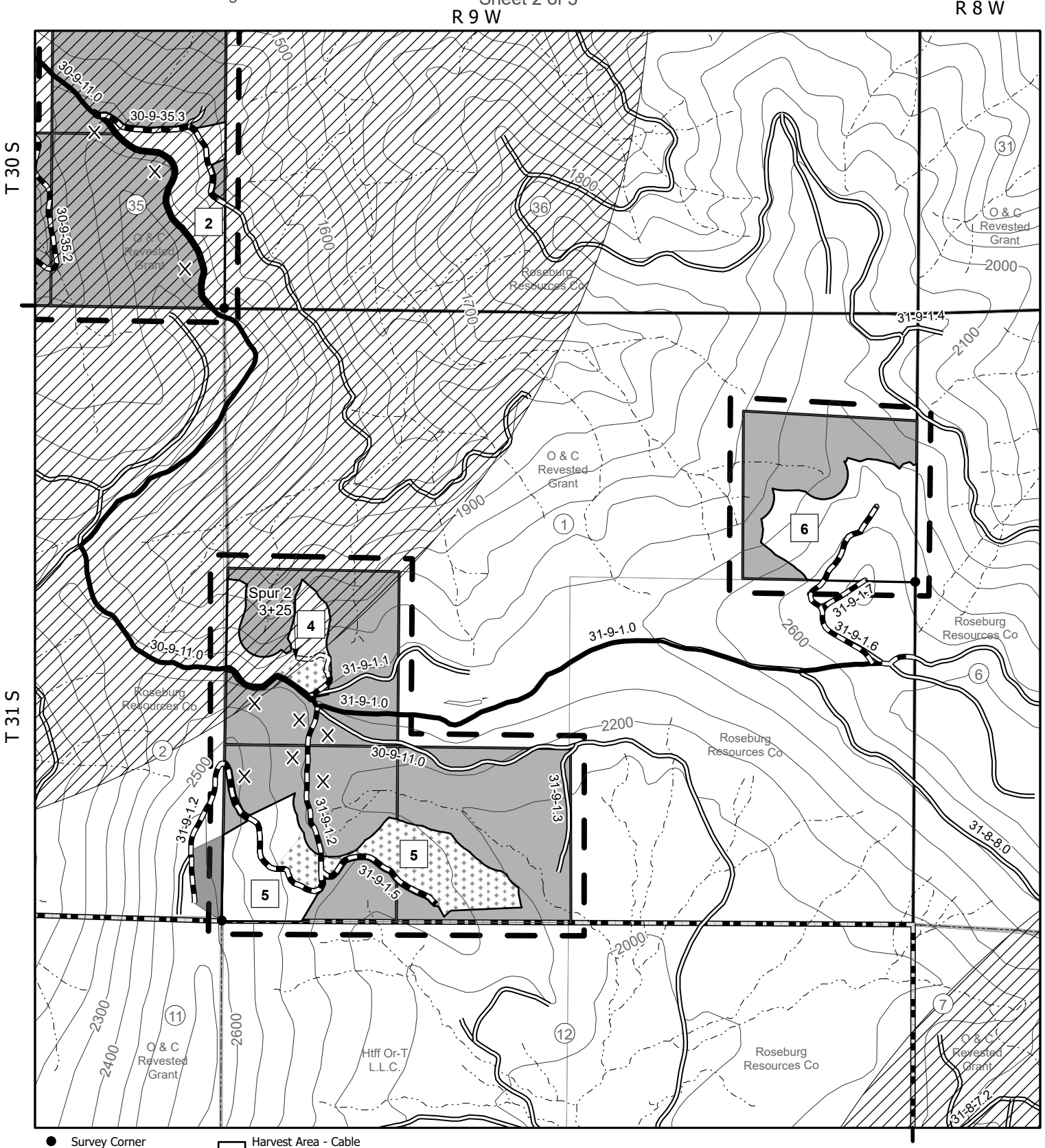
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EXHIBIT G
Northern Spotted Owl Seasonal Restrictions

East Dice
Contract # ORR05-TS-2027.0002

Bureau of Land Management

Sheet 2 of 3



- Survey Corner
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Construction
- Road Renovation
- Haul Route
- Harvest Area - Cable Yarding
- Harvest Area - Ground Based
- Reserve Area
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- Roseburg District Boundary
- NSO Restriction Area March 1 - September 15

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 9/30/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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Bureau of Land Management

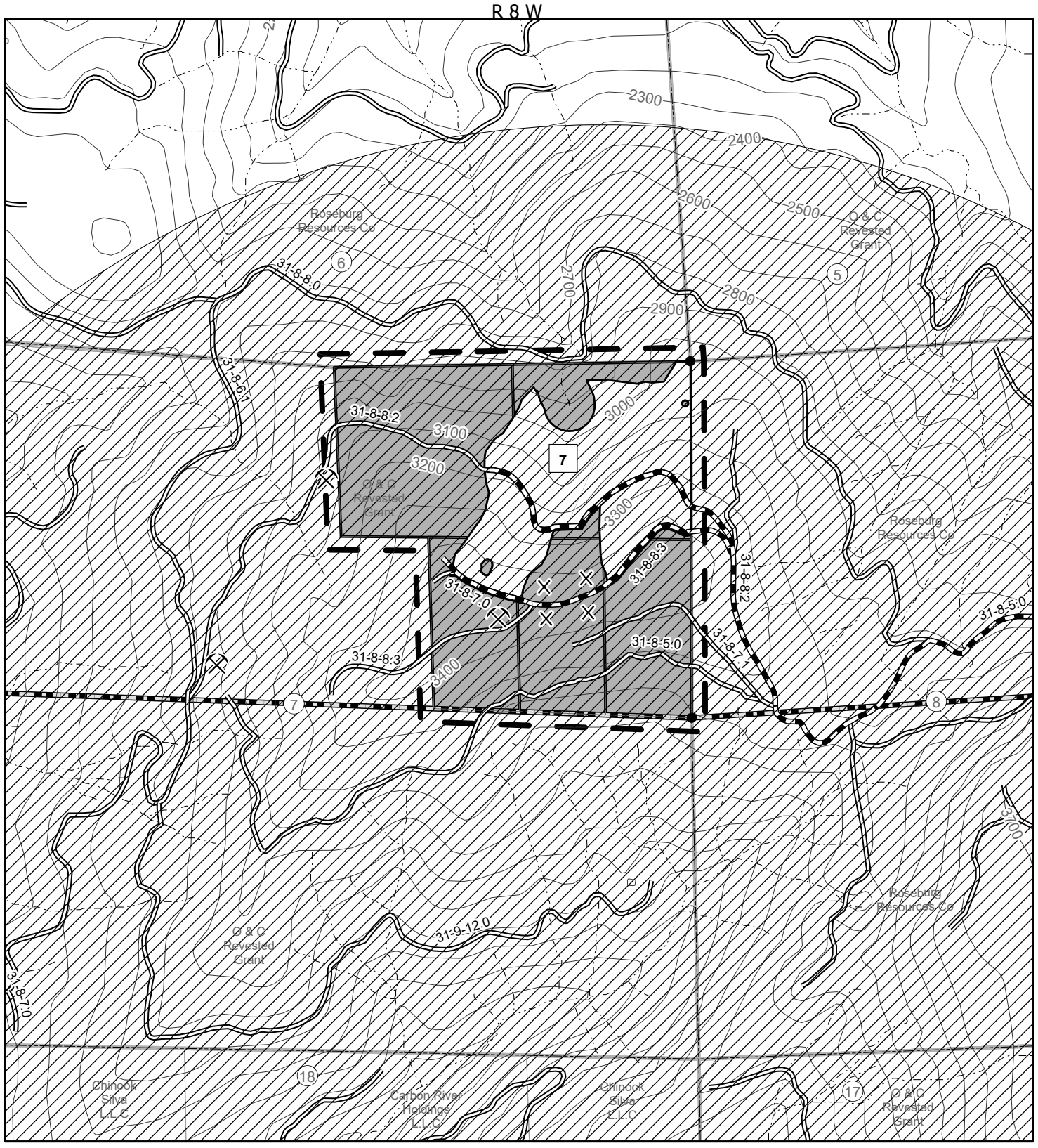
EXHIBIT G

Northern Spotted Owl Seasonal Restrictions

Sheet 3 of 3

East Dice

Contract # ORR05-TS-2027.0002



- Survey Corner
- Trees Marked for Cutting in the Reserve Area
- Stream
- Existing Road
- Road Renovation
- Harvest Area - Cable Yarding
- Reserve Area
- Contract Area
- Roseburg District Boundary
- NSO Restriction Area March 1 - September 15

Scale: 1:12,000

1 inch = 1,000 feet

0 500 1,000 1,500 Feet

N

Date: 9/30/2026

Roseburg District
Bureau of Land Management
777 NW Garden Valley Blvd.
Roseburg, Oregon 97471

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United States
Department of the Interior
Bureau of Land Management

Timber Appraisal

Sale Name:	East Dice T.S.	**Sale Date:**	Tuesday, December 15, 2026
BLM District:	Roseburg DO	**Unit of Measure:**	16' MBF
Contract #:	ORR05-TS-2027.0002	**Contract Term:**	36 months
Sale Type:	Advertised	**Contract Mechanism:**	5450-003
			Lump Sum Sale of Timber and other Wood Products

SBA Set-Aside

Content

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

Prepared By: Radford, Sean M - 11/4/2026
Approved By: Coppersmith, Jason H - 11/4/2026

Legal Description of Contract Area

Land Status	County	Township	Range	Section	Subdivision	Meridian
O&C	Douglas	30 S	9 W	35	E1/2NE1/4, E1/2SE1/4, SW1/4SE1/4	Willamette
O&C	Douglas	31 S	9 W	1	SE1/4NE1/4, W1/2SW1/4, SE1/4SW1/4	Willamette
O&C	Douglas	31 S	8 W	7	N1/2NE1/4, E1/2SW1/4NE1/4, SE1/4NE1/4	Willamette

Species Totals

Species	Net	Gross Merch	Gross	# of Merch Logs	# of Cull Logs	# of Trees
Douglas Fir	3,445.0	3,661.0	3,701.0	63,099	1,036	15,027
Grandfir	153.0	166.0	170.0	3,154	117	745
Incense-cedar	7.0	9.0	9.0	128	0	63
Western Hemlock	5.0	7.0	7.0	196	0	61
Western Redcedar	1.0	1.0	1.0	33	0	11
Totals	**3,611.0**	**3,844.0**	**3,888.0**	**66,610**	**1,153**	**15,907**

Cutting Area Acres

Regeneration Harvest Acres	Partial Cut Acres	Right of Way Acres	Total Acres	Net Volume per Acre
78.0	41.0	1.0	120.0	30.1

Logging Costs

Stump to Truck	$706,531.77
Transportation	$383,130.00
Road Construction	$171,372.10
Maintenance/Rockwear	$67,346.67
Road Use	$10,306.57
Other Allowances	$28,685.00
Total:	**$1,367,372.11**
Total Logging Cost per MBF:	**$378.67**

Utilization Centers

Location	Distance	% of Net Volume
Winchester, OR	43.4 miles	52%
Winchester, OR	46.5 miles	48%

Profit & Risk

Profit	11%
Risk	4%
Total Profit & Risk	**15%**

Tract Features

Quadratic Mean DBH	14.4 in
Average GM Log	58 bf
Average Volume per Acre	30.1 mbf
Recovery	93%
Net MBF volume:	
Green	3,611.0 mbf
Salvage	0 mbf
Export	0 mbf
Ground Base Logging:	
Percent of Sale Volume	13%
Average Yarding Slope	15%
Average Yarding Distance	350 ft
Cable Logging:	
Percent of Sale Volume	87%
Average Yarding Slope	45%
Average Yarding Distance	750 ft
Aerial Logging:	
Percent of Sale Volume	0%
Average Yarding Slope	0%
Average Yarding Distance	0 ft

Cruise

Cruise Completed	August 2026
Cruised By	CK, MK, JC, SR

Cruise Method

A 20 BAF variable plot cruise was conducted in all harvest areas except Unit 7 regen, covering all merchantable species with 154 plots and 282 measured trees. In Unit 7's 17-acre regen area, 3P sampling was used for DF, GF, and IC containing a total of 36 randomly selected sample trees, while WRC and WH were 100% cruised. With respect to the 3P cruise, all merchantable trees with a DBH of 34" or greater were 100% cruise. The average merchantable tree is 14.4 inches D.B.H.O.B., containing 58 bd. ft. per log, and the total gross volume is approximately 3,888 MBF with an estimated 93% recovery. Sample tree volumes were expanded to estimate the sale volume. Plot and sample tree maps are available at the Roseburg District Office.

Stumpage Computation

Species	# of Trees	Net Volume	Pond Value	(-) Profit & Risk	(-) Logging Costs	(+) Marginal Log Value	Stumpage Adjustment	Appraised Price/MBF		Appraised Value ($)
Douglas Fir	15,027	3,445.0	$641.04	$96.16	$378.67	$0.84	($2.24)	$164.80		$567,736.00
Grandfir	745	153.0	$445.49	$66.82	$378.67	$0.00	$0.00	$44.60	*	$6,823.80
Incense-cedar	63	7.0	$357.15	$53.57	$378.67	$0.00	$0.00	$35.80	*	$250.60
Western Hemlock	61	5.0	$473.13	$70.97	$378.67	$0.00	$0.00	$47.40	*	$237.00
Western Redcedar	11	1.0	$707.75	$106.16	$378.67	$0.00	($3.31)	$219.60		$219.60
Totals	**15,907**	**3,611.0**								**$575,267.00**

* 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
Biomass	Green Tons	261	$3.00	$783.00
Totals				**$783.00**

Total Appraised Value: $576,050.00

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			2.0%	45.0%	48.0%	5.0%	

Species	Peeler	No. 1 Sawmill	Special Mill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	Camp Run
Grandfir				48.0%	47.0%	5.0%	

Species	No. 1 Sawmill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	No. 5 Sawmill	No. 6 Sawmill	Camp Run
Incense-cedar							100.0%

Species	Peeler	No. 1 Sawmill	Special Mill	No. 2 Sawmill	No. 3 Sawmill	No. 4 Sawmill	Camp Run
Western Hemlock							100.0%

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

Marginal Log Volume By Grade

Species	Utility Cull	Peeler Cull
Douglas Fir	0	22

Unit: 1

Net Volume/Acre: 23.1 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	454.0	474.0	477.0	2,720
Grandfir	31.0	34.0	35.0	150
Totals:	**485.0**	**508.0**	**512.0**	**2,870**

Regeneration Harvest	21.0
Partial Cut	0.0
Right of Way	0.0
Total Acres:	**21.0**

Unit: 2

Net Volume/Acre: 23.1 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	195.0	203.0	204.0	1,166
Grandfir	13.0	14.0	15.0	64
Totals:	**208.0**	**217.0**	**219.0**	**1,230**

Regeneration Harvest	0.0
Partial Cut	9.0
Right of Way	0.0
Total Acres:	**9.0**

Unit: 3

Net Volume/Acre: 23.0 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	43.0	45.0	45.0	259
Grandfir	3.0	3.0	3.0	14
Totals:	**46.0**	**48.0**	**48.0**	**273**

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

Unit: 4

Net Volume/Acre: 23.1 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	173.0	181.0	182.0	1,036
Grandfir	12.0	13.0	13.0	57
Totals:	**185.0**	**194.0**	**195.0**	**1,093**

Regeneration Harvest	0.0
Partial Cut	8.0
Right of Way	0.0
Total Acres:	**8.0**

Unit: 5

Net Volume/Acre: 24.1 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	498.0	521.0	524.0	2,914
Grandfir	33.0	35.0	36.0	158
Totals:	**531.0**	**556.0**	**560.0**	**3,072**

Regeneration Harvest	22.0
Partial Cut	0.0
Right of Way	0.0
Total Acres:	**22.0**

Unit: 6

Net Volume/Acre: 23.2 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	390.0	407.0	409.0	2,332
Grandfir	27.0	29.0	30.0	128
Totals:	**417.0**	**436.0**	**439.0**	**2,460**

Regeneration Harvest	18.0
Partial Cut	0.0
Right of Way	0.0
Total Acres:	**18.0**

Unit: 7

Net Volume/Acre: 43.7 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	1,656.0	1,791.0	1,820.0	4,490
Grandfir	34.0	38.0	38.0	174
Incense-cedar	7.0	9.0	9.0	63
Western Hemlock	5.0	7.0	7.0	61
Western Redcedar	1.0	1.0	1.0	11
Totals:	**1,703.0**	**1,846.0**	**1,875.0**	**4,799**

Regeneration Harvest	17.0
Partial Cut	22.0
Right of Way	0.0
Total Acres:	**39.0**

Unit: SPUR 1

Net Volume/Acre: 36.0 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	18.0	20.0	20.0	48
Totals:	**18.0**	**20.0**	**20.0**	**48**

Regeneration Harvest	0.0
Partial Cut	0.0
Right of Way	0.5
Total Acres:	**0.5**

Unit: SPUR 2

Net Volume/Acre: 36.0 MBF

Species	Net	Gross Merch	Gross	# of Trees
Douglas Fir	18.0	19.0	20.0	62
Totals:	**18.0**	**19.0**	**20.0**	**62**

Regeneration Harvest	0.0
Partial Cut	0.0
Right of Way	0.5
Total Acres:	**0.5**

Comments:
All IC, WH, WRC moved to Unit 7 for balancing

Total Stump To Truck	Net Volume	$/MBF
$706,531.77	3,611.0	$195.66

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

Yarding System	Unit of Measure	# of Units of Measure	$/Unit of Measure	Total Cost	Remarks
Track Skidder	GM MBF	39.0	$249.28	$9,721.92	Spur 1 and 2 (new construction)
Cable: Medium Yarder	GM MBF	2,053.0	$218.29	$448,149.37	All Cable except regen in Unit 7
Wheel Skidder	GM MBF	305.0	$178.42	$54,418.10	12 ac. of Unit 5
Shovel	GM MBF	146.0	$153.24	$22,373.04	Portions of Unit 1, Unit 3, and portions of Unit 4
Cable: Medium Yarder	GM MBF	1,301.0	$127.34	$165,669.34	Regen Unit 7
Subtotal				**$700,331.77**	

Additional Costs

Item	Unit of Measure	# of Units of Measure	$/Unit of Measure	Total Cost	Remarks
Intermediate Support	Each	2.0	$200.00	$400.00	
Lift Tree	Each	31.0	$100.00	$3,100.00	
Subtotal				**$3,500.00**	

Additional Moves

Equipment	Unit of Measure	# of Units of Measure	$/Unit of Measure	Total Cost	Remarks
Loader/Shovel	Hour	4.0	$150.00	$600.00	
Cable: Medium Yarder	Hour	4.0	$150.00	$600.00	
Processer	Hour	4.0	$150.00	$600.00	
Track Skidder	Hour	2.0	$150.00	$300.00	Ground Base Side
Loader/Shovel	Hour	2.0	$150.00	$300.00	Ground Base Side
Processer	Hour	2.0	$150.00	$300.00	Ground Base Side
Subtotal				**$2,700.00**	

Comments:
East Dice T.S. Logging Cost and Production Rate Estimates
Total Sale GM = 3,844 MBF, Fuel at $6.75/gal
3,844 GM/120 ac. = 32.0 MBF GM/ac. total sale average
Unit 5 – 12 ac. Ground base x 25.4 MBF GM/ac. = 305 MBF GM
Portions of Unit 1, Unit 3 and portions of Unit 4 – 6 ac. of shovel logging x 24.3 MBF GM = 146 MBF GM
New Construction (Spurs 1 & 2) - Tracked Skidder = 39 MBF GM
Unit 7 regen portion – Cable = 1,301 MBF GM
All remaining cable logging:
3844 GM (total) – 305 GM (ground base) – 146 GM (shovel) – 39 GM (new construction) – 1301 GM (cable regen Unit 7) = 2,053 MBF GM
Cable Logging
All Cable Except Regen in Unit 7
Cable, Med Tower, Mech. Delimbing – 84 ac. = 2,053 MBF (16' GM)
7 loads/day = $218.29/MBF x 2,053 MBF (16' GM) = $448,149.37
Cable Regen Unit 7
Cable, Med Tower, Mech. Delimbing – 17 ac. = 1,301 MBF (16' GM)
12 loads/day = $127.34/MBF x 1,301 MBF (16' GM) = $165,669.34
Ground Base
Portion of Unit 5
Wheeled Skidder with Processer – 12 ac. = 305 MBF (16' GM)
8 loads/day = $178.42/MBF x 305 MBF (16' GM) = $54,418.10
Portions of Unit 1, Unit 3 and portions of Unit 4
Shovel – 6 ac. = 146 MBF (16' GM)
7 loads/day = $153.24/MBF x 146 MBF (16' GM) = $22,373.04
Spurs 1 & 2 (new construction)
Tracked Skidder - 1 ac. = 39 MBF (16' GM)
4 loads/day = $249.28/MBF x 39 MBF (16' GM) = $9,721.92
Additional Moves
Cable inter-unit move-ins: $1,800.00
Yarder: 2 moves, 2hrs/move = 4 hours x $150/hour = $600.00
Loader: 2 moves, 2hrs/move = 4 hours x $150/hour = $600.00
Processer: 2 moves, 2hrs/move = 4 hours x $150/hour = $600.00
Ground-based inter-unit move-ins: $900.00
Track Skidder: 1 move, 2hrs/move = 2 hours x$150/hour = $300.00
Loader/Shovel: 1 move, 2hrs/move = 2 hours x $150/hour = $300.00
Processer: 1 move, 2hrs/move = 2 hours x $150/hour = $300.00
NO additional moves for Wheeled Skidders

Total	Net Volume	$/MBF
$383,130.00	3,611.0	$106.10

Utilization Center	One Way Mileage	Description	Unit of Measure	# of Units	$/Unit of Measure	Total Cost	% of Sale Volume
Winchester, OR	43.4	Twelve Mile Haul	Hour	1,407.0	$135.00	$189,945.00	52%
Winchester, OR	46.5	Buck Springs Haul	Hour	1,431.0	$135.00	$193,185.00	48%

Comments:
Twelve Mile Haul Route: All volume except Unit 7
Load(s) = 2,008 GM MBF/ 5 MBF/Ld = 402 Ld(s) (Rounded)
RTM = (152 Min/Ld + 60 Min Delay) / 60 Min/Hr = 3.5 Hrs/Ld
3.5 Hrs/Ld X 402 Loads = 1,407 Total Hrs.
1,407 Hrs X $135/Hr = $189,945.00 Transportation Cost

Buck Springs Haul Route: Unit 7 volume ONLY
Load(s) = 1,836 GM MBF/ 5 MBF/Ld = 367 Ld(s) (Rounded)
RTM = (173 Min/Ld + 60 Min Delay) / 60 Min/Hr = 3.9 Hrs/Ld
3.9 Hrs/Ld X 367 Loads = 1,431 Total Hrs.
1,431 Hrs X $135/Hr = $193,185.00.00 Transportation Cost

Engineering Allowances

Total	Net Volume	$/MBF
$249,025.34	3,611.0	$68.96

Cost Item	Total Cost
Road Construction:	$171,372.10
Road Maintenance/Rockwear:	$67,346.67
Road Use Fees:	$10,306.57

Comments:
See Engineering Appraisal

Total	Net Volume	$/MBF
$28,685.00	3,611.0	$7.94

Environmental Protection

Cost item	Total Cost
Equipment Cleaning	$1,485.00
Sub-Soiling Move In	$220.00
Sub-Soiling	$1,035.00
Subtotal	**$2,740.00**

Slash Disposal & Site Prep

Cost item	Total Cost
Landing Pile Burning	$3,575.00
Machine Pile Burning	$1,330.00
Hand Pile Burning	$665.00
Landing Piling and Covering	$8,125.00
Machine Piling and Covering	$7,700.00
Hand Piling and Covering	$4,550.00
Subtotal	**$25,945.00**

Comments:
1.Fire Protection Included in Logging Costs
2.Slash Disposal
Landing piling/covering: 65 Landings x $125/landing = $8,125.00
To burn landing piles (Buy Out $ not included): 65 x $55 = $3,575.00
Machine piling/covering: 14 acres x $550.00/ac = $7,700.00
To burn machine piles (Buy Out $ not included): 14 acres x $95.00/ac = $1,330.00
Hand piling/covering: 7 acres x $650.00/ac = $4,550.00
To burn hand piles (Buy Out $ not included): 7 acres x $95.00/ac = $665.00
Miscellaneous:
3. Equipment Cleaning
Two Rubber Tire Skidder x 3 hours = 6 hours
One Yarder x 3 hours = 3 hours
Two Shovels x 3 hours = 6 hours
1 shovel for ground base, and 1 shovel for Cable Yarding
One Track Skidder x 3 hours = 3 hours
Two Processers x 3 hours = 6 hours
1 processer for ground base, and 1 processer for Cable Yarding
One Excavator for sub-soiling x 3 hours = 3 hours
27 Total Hours x $55/ hour = $ 1,485.00
4.Skid Trail Sub-soiling
.67 miles of skid trails / .75 miles sub-soiled/day = 1 day x 9 hours/day = 9 hrs. x $115.00/hour = $1,035.00
1 move to sale x 2 hours/move x $ 110/hour = $220.00
Total sub-soil cost = $1,035.00 + $220.00= $1,255.00
Total for Other Allowances: $28,685.00
Slash Disposal Buyout Option
$5,570.00 x 19.09% = $1,063.31
19.09% represents admin fee
$5,570.00 + $1,063.31 = $6,633.31
Total Buyout Cost = $6,633.31

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Version: 8.0.0.34

Summary of All Roads and Projects Updated: 11/4/2022

T.S. Contract Name: East Dice Tract No: 2027.0002 Sale Date: 12/15/26
Prepared by: J.Harder Ph: Print Date: 11/4/2026 6:53:54 AM

200 Clearing and Grubbing: 3.07 acres $11,502.92

300 Excavation: 715 cy $2,865.34
Haul < 500 ft: 155 sta-yds
Haul > 500 ft: 0 yd-mi

400 Drainage: $6,142.80
Culvert: 0.00 lf DownSpout: 0.00 lf
PolyPipe: 120.00 lf

500 Renovation: $19,140.08
Blading 10.19 mi

700-1200 Surfacing: $104,903.60
Commercial Quarry Name: B&B 1,720.00 LCY

1300 Geotextiles: $0.00

1400 Slope Protection: $0.00

1800 Soil Stabilization: 0.00 acres $0.00

1900 Cattleguards: $0.00

2100 RoadSide Brushing: $2,120.15
Mechanical Brushing: 3.71 acres

2300 Engineering: 0.00 sta. $0.00

2400 Minor Concrete: $0.00

2500 Gabions: $0.00

8000 Miscellaneous: $0.00

Mobilization: Const. $13,789.36 Surf. $10,907.84..... $24,697.20

Quarry Development: $0.00

Total: 3,611 mbf @ $47.458/mbf = $171,372.10

Notes:
Quantities shown are estimates only and not pay items.
Surfacing Quantities are loose cubic yards.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Contract Name: East Dice
Sale Date: 12/15/26
Tract No: 2027.0002

ROAD CONSTRUCTION SUMMARY

Road Number	Type 1/	Miles	Clear Grubb	Excav -ation	Drain -age	Reno- vation	Surf- acing	Geo- textile	Slope Protect	Soil Stabil	Cattle Guard	Rdside Brush	Engin- eering	Minor Concrete	Gab- ions	Miscel- laneous	Mobil- ization	Quarry Develop	Sub- Total
29-8-29.2 Rock	R	1.09				$2,047											$192		$2,240
30-9-11.0	R	0.02				$5,071	$12,266										$2,898		$20,236
30-9-35.0	R	0.12				$225											$21		$247
30-9-35.1	R	0.18				$338						$105					$42		$485
30-9-35.2	R	0.53				$996						$307					$122		$1,425
30-9-35.3	R	0.25				$470						$144					$58		$671
30-9-35.4	R	0.05				$94						$29					$12		$134
30-9-35.8	R	0.11				$207						$62					$25		$294
31-7-19.0	R	0.80				$1,503											$141		$1,644
31-8-5.0	R	1.10				$2,066											$194		$2,260
31-8-7.0	R	0.04				$75						$24					$9		$108
31-8-8.2	R	1.09				$2,047											$192		$2,240
31-8-8.3	R	0.63	$1,892			$1,183						$583					$344		$4,002
31-8-9.0	R	0.16				$301											$28		$329
31-9-1.2	R	0.77	$4,323			$1,446						$446					$584		$6,800
31-9-1.5	R	0.16				$301						$91					$37		$428
31-9-1.6	R	0.27	$2,328		$4,095	$507	$49,064					$253					$10,361		$66,609
31-9-1.7	R	0.08	$741		$2,048	$150	$15,946					$77					$3,431		$22,393
Spur 1	C	0.03	$789	$1,356			$5,549										$1,358		$9,052
Spur 2 Const	C	0.06	$1,430	$1,509			$12,266										$2,698		$17,902
Spur 2 Reno	R	0.06				$113	$9,813										$1,948		$11,873

TIMBER SALE ROAD SPECIFICATIONS

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TIMBER SALE ROAD SPECIFICATIONS

GENERAL – 100

101 - Prework Conference(s):

A prework conference will be held prior to the start of new construction, improvement, renovation, quarry development, surfacing, and mulching operations. The Purchaser shall request the conference at least 48 hours prior to the time it is to be held. The conference will be attended by the Purchaser and/or his representatives, subcontractors and/or his or their representatives and the Authorized Officer and/or his representatives.

The purpose of the prework conference will be to review the required work, exhibits and specifications, and to establish a work schedule and a list of the Purchaser's representatives, and subcontractors.

102 - Definitions:

AASHTO - American Association of State Highway and Transportation Officials. Current editions of tests and specifications.

Abrasion Resistance - The ability of a fabric surface to resist wear by friction.

ACI - American Concrete Institute

Apparent Opening Size (AOS) - Number of the U.S. Bureau of Standard sieve (or its opening size in millimeters or inches) having openings closest in size to the diameter of uniform particles which will allow 5 percent by weight to pass through the geotextile material when shaken in a prescribed manner. This is also referred to as Equivalent Opening Size (EOS).

ASTM - American Society for Testing and Materials.

Base Course - Surfacing structure consisting of crushed gravel or stone, crushed sandstone, pitrun rock, bank, or river-run gravels, etc., to provide support and, in the event no surface course is placed, the running surface for traffic load.

BLM - Bureau of Land Management

Borrow - Excavated material required for embankments and other portions of the work.

Burst Strength - The resistance of a geotextile material to rupture from pressure applied at right angles to the plane of the geotextile material under specified conditions, usually expressed as the amount of pressure causing failure. Rupture or burst results from tensile failure of the geotextile material.

TIMBER SALE ROAD SPECIFICATIONS

Culvert - A pipe, pipe-arch, arch, or box structure constructed of metal, concrete, plastic, or wood which provides an opening under the roadway primarily for the conveyance of liquids, pedestrians or livestock.

Curve Widening - Widening required on inside of curves to accommodate long log and equipment hauling trucks.

Embankment - A structure of soil, aggregate, or rock material placed on a prepared ground surface and constructed to subgrade.

End Haul - Excavated material moved, other than by dozer, to an embankment or waste area to prevent sidecasting material outside of the road prism.

Excess Excavation - Material from the roadway in excess of that needed for construction of the designed roadway (waste).

Grab Tensile Strength - A modified tensile strength of a geotextile material. The strength of a specific width of geotextile material together with the additional strength contributed by adjacent areas. Typically, grab strength is determined on a 12-inch-wide strip of geotextile material, with the tensile load applied at the midpoint of the geotextile material width through 1-inch-wide jaw faces.

Grading - Leveling to grade, shaping, and smoothing of a road subgrade; the shaping of roadside ditches as to grade and contour. In some instances, includes smoothing of the cut bank.

Nonwoven Geotextile Material - A textile structure produced by bonding or interlocking of fibers, or both, accomplished by mechanical or chemical means.

Overhaul - Distance excavated material is transported in excess of the distance included in the cost for excavation.

Penetration Resistance - The geotextile material property determined by the force required to penetrate a geotextile material with a sharp pointed object. Initial penetration is by separating the fibers. Further penetration is essentially a tearing process.

Percent Open Area - The net area of a geotextile material that is not occupied by geotextile material filaments, normally determinable only for woven and nonwoven geotextile material having distinct, visible, and measurable openings that continue directly through the geotextile material.

Permeability - The geotextile material property which permits water to be transmitted in the longitudinal or transverse planes of the geotextile material.

TIMBER SALE ROAD SPECIFICATIONS

Pioneer Road - Temporary construction access built along the route of the project.

Piping - The process by which soil particles are washed in or through pore spaces in drains and filters or poorly compacted fill/backfill material.

Plans - The approved drawings, or exact reproductions thereof which show the locations, character, dimensions, and details of the work to be done.

Pore Size - The size of an opening between geotextile material filaments; apparent opening size (AOS) is used to quantify this geotextile material property.

Puncture Resistance - The geotextile material property determined by the force required to penetrate a geotextile material with a blunt object. Failure results in a tearing of the geotextile material.

Purchaser - The individual, partnership, joint venture, or corporation contracting with the Government under the terms of a Timber Sale Contract and acting independently or through their, or its agents, employees, or contractors.

Reasonably Close Conformity - Compliance with reasonable and customary manufacturing and construction tolerances where working tolerances are not specified.

Reinforcement - Strengthening of concrete with iron bars or mesh: geotextile with geotextile material inclusion: subgrade with aggregate: etc.

Roadbed - The graded portion of the road within top and side slopes, prepared as a foundation for the pavement structure and shoulders.

Road Centerline - The longitudinal center of a roadbed.

Road Improvement - Work done to an existing road which improves it over its original design standard.

Road Renovation - Work done to an existing road which restores it to its original design.

Roadway - The portion of a road within limits of construction. Usually from the toe of the fill slope to a point where the cut slope intersects natural ground line. Synonym - road prism.

Scale - In quarrying, consists of the removal of loose or overhanging rock adhering to the solid face after a shot or a round of shots has been fired.

Scarification - The process of loosening or breaking up of the surface layer of soil or road, usually to a specified depth.

Separation - Function of geotextile material as a partition between adjacent materials to prevent mixing of those materials.

Shoulder - The portion of the roadbed contiguous with the traveled way designed for accommodation of stopped vehicles, safety, and lateral support of base and surface courses.

Slash – All material (brush, limbs, tops, unmerchantable stems, and chunks) severed or knocked over as a result of clearing or brushing operations.

Slash Mulch – A mulch consisting of clearing, grubbing, or logging debris, commonly used for road decommissioning. If slash mulch is not available, other mulches may be substituted as described in sections 1800 and 3500 of this contract.

Spalls - Flakes or chips of stone.

Specifications - A general term applied to all directions, provisions, and requirements pertaining to performance of the work.

Specific Gravity - The ratio of the density of a material to the density of water obtained by weighing known volumes of both items in air. A specific gravity less than one implies that the material will float.

Structures - Bridges, culverts, catch basins, retaining walls, underdrains, flumes, splash pads, downspouts, and other project features which may be involved in the work and not otherwise classified in these specifications.

Subbase - Reinforcement of the subgrade with large particles of pitrun rock or crushed stone. Usually confined to roads having wet subgrades or subgrades with weak support characteristics.

Surface Course - Top layer of a road structure consisting of finely crushed gravels or asphalt designed to provide a smooth-running surface for traffic load.

Subgrade - The top surface of a roadbed upon which the traveled way and shoulders are constructed.

Tensile Strength - The strength shown by a geotextile material subjected to tension as distinct from torsion, compression, or shear.

Tensile Stress - Strain Modulus - A measure of the resistance to elongation under stress. The ratio of the change in tensile stress to the corresponding change in strain.

Tensile Test - A test which subjects geotextile material to tensile forces and measures resultant stresses and strains.

Timber - Standing trees, downed trees, or logs which can be measured in board feet.

Traveled Way - The portion of the roadbed used for the movement of vehicles, exclusive of shoulders.

Typical Cross Sections - Cross-sectional plane of a typical roadway; showing natural ground line and designed roadway in relation to cut and fill, through cut, and through fill.

Turnout - Extra widening of the roadbed at appropriate intervals on single-lane roads for passing purposes.

Ultraviolet (UV) Radiation Stability - The ability of geotextile material to resist deterioration from exposure to sunlight.

Unaged Cloth - Cloth in condition received from the manufacturer or distributor.

Woven Geotextile Material - A textile structure comprising two or more sets of filaments of yarns interlaced in such a way that the elements pass each other at essentially right angles with one set of elements parallel to the geotextile material axis.

102a - Tests Used in These Specifications:

AASHTO T 11
Quantity of rock finer than No. 200 sieve.

AASHTO T 27
Sieve analysis of fine and coarse aggregate using sieves with square openings; gradation.

AASHTO T 89
Liquid limit of material passing the No. 40 sieve. Water content at which the soil passes from a plastic to a liquid state.

AASHTO T 90
Plastic limits and plasticity index of soil.
a. Plastic limit - lowest water content at which the soil remains plastic.
b. Plasticity index - range of water content, within which the material is in a plastic state. Numerical difference between the liquid and plastic limits of the soil.

AASHTO T 96
Resistance to abrasion of small size coarse aggregate by use of the Los Angeles machine.

AASHTO T 99
Relationship between soil moisture and density of soil.
Method A - 4" mold, soil passing a No. 4 sieve
25 blows/layer & 3 layers.
Method C - 4" mold, soil passing a 3/4 inch sieve
25 blows/layer & 3 layers.
Method D - 6" mold, soil passing a 3/4 inch sieve. 56 blows/layer & 3 layers.

AASHTO T 119
Slump of hydraulic cement concrete.

AASHTO T 152
Air content of freshly mixed concrete.

AASHTO T 166
Specific Gravity of compacted Bituminous Mixtures.

AASHTO T 176
Shows relative portions of fine dust or claylike materials in soil or graded aggregate.

AASHTO T 180
(OSHD 106-71) moisture density relationship of soil same as AASHTO T 99 proctor but uses a 10-lb rammer & 18-in drop height.

AASHTO T 191
Sand Cone. Density of soil in place: For subgrade use 6-inch or 12-inch cone. For rock surfacing for 1-1/2-inch minus to 3-inch minus use 12-inch cone.

AASHTO T 205
Rubber balloon. Density of soil in place. Use for compacted or firmly bonded soil.

AASHTO T 209
Maximum Specific Gravity of Bituminous Paving Mixtures.

AASHTO T 210
Durability of aggregates based on resistance to produce fines.

AASHTO T 224
Correction for coarse particles in the soil.

AASHTO T 238
Density of Soil and Soil-Aggregate in place by nuclear methods.

AASHTO T 248
Reducing field samples of aggregate to testing size by mechanical splitter, quartering, or miniature stockpile sampling.

ASTM D 4564
Determination of relative density of cohesionless soils.

DMSO (dimethyl sulfide)
Determines volume of expanding clays in aggregates. Usually associated with marine basalts.

103 - Compaction equipment shall meet the following requirements:

103a - Padded Drum (Tamping) Rollers. The unit shall consist of a drum with pads, be either self-propelled or towed by a tractor, and capable of operating at a speed of 6 mph. The drum shall be no less than 48 inches in diameter over the pads and not less than 60 inches in width. The pads shall have a minimum height of 3 inches, and a face area of not less than 14 square inches. The weight at drum shall be no less than 8000 lb.

103b - Sheepfoot (Tamping) rollers. A tamping roller unit shall consist of two watertight metal drums mounted in frames in such manner as to be fully oscillating, together with a tractor having sufficient weight and power under actual working conditions to pull the roller drums at a minimum speed of 2.5 miles per hour. The drums shall be no less than 60 inches in diameter and no less than 54 inches in length, measured at the drum's surface, and shall be studded with tamping feet projecting not less than 7 inches from the face of the drums.

The distance between circumferential rows of tamper feet shall be such that the diagonal distance from any foot to the nearest foot in each adjacent row shall be not more than 12 inches. The cross-sectional area of the face of each tamper foot, measured perpendicular to the axis of the stud, shall be not less than 5-1/2 square inches nor more than 8 square inches.

The weight of the tamping-roller unit shall be such as to exert a minimum pressure of 250 pounds per square inch on the ground area in contact with the tamping feet, and the roller shall be so designed that the weight may be increased to exert a pressure up to 500 pounds per square inch on the ground area in contact with the tamping feet. The ground pressure shall be determined by dividing the total weight of the roller unit, not including the weight of the tractor, by the total cross-sectional area of the tamping feet in one row of tamping feet parallel to the axis of the roller.

TIMBER SALE ROAD SPECIFICATIONS

103c - Smooth-wheel power rollers. Smooth-wheel power rollers shall either be of the 3-wheel type, weighing not less than 10 tons, or of the tandem type, 2-wheel, or 3-wheel, weighing not less than 8 tons. Smooth-wheel roller shall provide compression of 325 pounds per linear inch of width of rear wheels or drum.

103d - Pneumatic-tired rollers. Pneumatic-tired rollers shall be of the double-axle type equipped with pneumatic tires each of equal size and type. The spacing between the sidewalls of adjacent tires shall not exceed 5 inches and the rear tires shall be staggered in relation to the front tires. The rolling width of the unit shall be not less than 60 inches, exclusive of the power unit. The roller shall be so constructed that the contact pressure is uniformly distributed on all the tires, and the tires shall be inflated to maintain the air pressure in the several tires within a total tolerance of 5 pounds per square inch. The roller shall be so constructed that the total weight shall be between 1,000 and 2,000 pounds per tire. The actual operating weight of the rollers shall be as ordered by the Authorized Officer.

Each pneumatic-tired roller shall be drawn by equipment having sufficient power and weight under normal working condition to pull the roller at a minimum speed of 5 miles per hour, or it may be self-propelled to obtain a minimum speed of 5 miles per hour.

103e - Grid roller. A grid roller shall consist of two or more cylindrical drums independently mounted on a common shaft in a rigid frame. Each drum shall have a minimum outside diameter of 5 feet and a minimum width of 2 feet 6 inches. The overall width of the roller exclusive of frame shall be not less than 5 feet 6 inches of which not more than 6 inches shall be used for center spacing between two roller drums. The face of the drums shall have the appearance of woven open mesh made by interlacing bars of not less than 1-1/4 inches nor more than 1-3/4 inches diameter space spaced on 4-1/2 inches to 5-1/2 inches center. Net opening between the bars shall be not less than 3 inches nor more than 4 inches. The roller shall be so constructed that counterweights can be used to adjust the gross weight of the roller to not less than 27,000 pounds. The grid roller shall be drawn by a power unit capable of propelling the fully loaded roller through 6 inches of loose embankment material at a speed of at least 4 miles per hour.

103f - Vibratory roller. The drum diameter shall be not less than 48 inches, the drum width not less than 58 inches, and have a turning radius of 15 feet or less. Vibration frequency shall be regulated in steps to 1400, 1500, and 1600 vibrations per minute (VPM), corresponding to engine speeds of 1575, 1690, and 1800 RPM. The centrifugal force developed shall be 7 tons at 1600 RPM. It shall be activated by a power unit of not less than 25 horsepower. The vibratory roller shall be self-propelled or drawn by a vehicle of sufficient horsepower to

enable the unit to travel through a loose layer of material at a speed ranging from 0.9 mile to 1.8 miles per hour, as directed by the Authorized Officer.

The towing vehicle and roller or self-propelled unit meeting the above requirements shall be considered a vibratory roller unit.

103g - Vibratory compactor. Vibratory compactors shall consist of multiple or gang-type compacting units or pads with a minimum variable width of 2 feet. It shall be self-contained and capable of compacting material as required.

103h - Drum drive self-propelled vibratory grid roller. The unit shall consist of one cylindrical drum with a drum diameter of not less than 56 inches, nor more than 66 inches and the drum width shall be 84 inches. Vibratory frequency shall be regulated in seeps from 1200 to 1800 vibrations per minute (VPM), and the centrifugal force developed shall be at least 40,000 pounds at 1800 RPM. The vibratory grid roller shall be self-propelled and have a power unit of not less than 112 horsepower. The "grid" design shall be a herringbone or z-bar pattern around the circumference of the drum. The grid bars shall be 1 inch in height and spaced not more than 8-1/2 inches apart.

103i - Other. Compaction equipment approved by the Authorized Officer.

CLEARING AND GRUBBING - 200

201 - This work shall consist of clearing, grubbing, removing, and disposing of vegetation, debris, surface objects, and protruding obstructions within the clearing limits in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans.

201a - This work shall consist of clearing, grubbing, removing, and disposing of vegetation, debris, surface objects, and protruding obstructions from borrow pits, quarries, channel changes, stockpile sites, etc., in accordance with these specifications.

202 - Where clearing limits have not been staked, established by these specifications, or shown on the plans, the limits shall extend 10 feet back of the top of the cut slope and 5 feet out from the toe of the fill slope.

202a - Where clearing limits for structures have not been staked or shown on the plans, the limits shall extend 10 feet out from the outside edge of the structure.

202b - Where clearing limits for borrow pits, or quarries, stockpile sites, channel changes, and ditches have not been staked or shown on the plans, the limits

shall extend 10 feet back of the top of the cut slope and 5 feet outside of the outside slope lines.

203 - Clearing shall consist of the removal and disposal of trees, logs, rotten material, brush, and other vegetative materials and surface objects in accordance with these specifications and within the limits established for clearing as specified under Subsections 202, 202a, 202b, and as shown on the plans.

203a - Brush under 2 feet in height need not be cut within the limits established for clearing.

203c - Disposal of logs from private timber cleared within the limits established as staked on the ground shall consist of decking at a location designated by the Authorized Officer.

204 - Grubbing shall consist of the removal and disposal of stumps, roots, and other wood material embedded in the ground and protruding obstacles remaining as a result of the clearing operation in accordance with Subsections 204a, 204b, 204c, and 204d.

204a - Stumps, including those overhanging cut banks, shall be removed within the required excavation limits.

204b - Stumps and other protruding objects shall be completely removed within the limits of required embankments having heights of less than 4 feet. When authorized, stumps and other nonperishable objects may be left provided they do not extend more than 6 inches above the existing ground line.

204c - On excavated areas, roots and embedded wood shall be removed to a depth not less than 6 inches below the subgrade.

204d - On areas to be occupied by embankments having heights greater than 4 feet, no stump or portion thereof shall remain within 3 feet of embankment subgrades or slope surfaces after grubbing is completed.

205 - Clearing and grubbing debris shall not be placed or permitted to remain in or under road embankment sections.

210 - Disposal of clearing and grubbing debris shall be by piling or scattering over government owned lands outside of established clearing limits in a manner acceptable to the Authorized Officer. The areas for such scattering or piling shall have the prior approval of the Authorized Officer. Piled slash may be re-used as mulch during road decommissioning.

TIMBER SALE ROAD SPECIFICATIONS

210a - Disposal of clearing and grubbing on non-government property by scattering this material outside of clearing limits will be permitted provided the Purchaser obtains a written permit from the property owner on whose property the disposal is to be made. The Purchaser shall furnish the Authorized Officer a certified copy of the permit and a written release from the property owner absolving the Government from responsibilities in connection with the disposal of debris on said property.

212 - No grading will be permitted prior to completion and approval by the Authorized Officer of the required clearing and grubbing work, except that stump grubbing may proceed with the excavation of the road prism.

213 - No clearing or grubbing debris shall be left lodged against standing trees.

EXCAVATION AND EMBANKMENT - 300

301 - This work shall consist of excavating, overhaul, placement of embankments, backfilling, borrowing, leveling, ditching, grading, insloping, outsloping, crowning and scarification of the subgrade, compaction, disposal of excess and unsuitable materials, and other earth-moving work in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans.

302 - Excavation shall also consist of the excavation of road and landing cut sections, borrow sites, backfilling, leveling, ditching, grading, compaction, and other earth moving work necessary for the construction of the roadway in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans and as marked on the ground with stakes or metal tags.

303 - Suitable material removed from the excavation shall be used in the formation of embankment subgrade, shoulders, slopes, bedding, backfill for structures, and for other purposes as shown on the plans.

305 - Embankment construction shall consist of the placement of excavated and borrowed materials, backfilling, leveling, grading, compaction, and other earth-moving work necessary for the construction of the roadway and landings in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans.

TIMBER SALE ROAD SPECIFICATIONS

305a - Material used in the construction of embankment sections shall be free of stumps, cull logs, brush, muck, sod, roots, frozen material, and other deleterious materials and shall be placed and compacted as specified.

305b - Embankment materials shall be placed in successive parallel layers on areas cleared of stumps, cull logs, brush, sod, and other vegetative and deleterious materials, except as provided under Subsection 204. Roadway embankments of earth material shall be placed in horizontal layers not exceeding 12 inches in depth.

305c - Embankments formed of material containing less than 25 percent rock not larger than 8 inches in the greatest dimension shall be placed in 12-inch layers. Material containing more than 25 percent rock not larger than 12 inches in the greatest dimension shall be placed in successive layers not exceeding 2 feet in thickness. Individual rocks and boulders greater than 12 inches in diameter may be used to construct 2 foot embankment layers, provided they are carefully distributed, with interstices filled with fine material to form a dense and compact mass.

305d - Where embankments are constructed predominantly of blasted rock material, depth of layers shall not exceed 4 feet. Rock fragments having dimensions greater than 4 feet will be permitted provided that they have no dimensions greater than 6 feet and that clearance between adjacent fragments is adequate for the placing and compacting of material in horizontal layers as specified, and that no part of the larger fragments comes within 4 feet of subgrade.

306 - Layers of embankment, selected borrow, final subgrade, and selected roadway excavation material as specified under Subsections 305a, and 305b shall be moistened or dried to a uniform optimum moisture content suitable for maximum density and compacted to full width with compacting equipment conforming to requirements of Subsections 103f and 103i.

306a - Optimum moisture content shall be determined by hand clump test i.e., where a soil sample forms a firm ball by hand that does not crumble, free moisture is not visible on the surface, and material does not squeeze between fingers.

306b - Minimum compaction for each layer of embankment, selected borrow, and selected roadway excavation material placed at optimum moisture shall be a minimum of 8 complete passes or until visual displacement ceases.

TIMBER SALE ROAD SPECIFICATIONS

308 - In the case of rock fills, placement of material in layers is not required and such material may be placed by end-dumping or other methods approved by the Authorized Officer provided that the rock be reasonably prevented from escaping beyond the embankment toe.

312 - When material, except solid rock, encountered in cuts at subgrade, is suitable for use in forming the finished roadbed, the top 6-inch layer of the subgrade shall be thoroughly scarified for the full width of the roadbed. Roots, sod, and other deleterious material or stones that will not pass a 6-inch square opening shall be removed. The scarified material shall be processed to the optimum moisture content suitable for maximum density and compacted in accordance with Subsection 306.

313 - In cut areas where solid rock is encountered at, or near subgrade, the rock shall be excavated to a minimum depth of 6 inches below subgrade elevation and the excavated area backfilled with suitable material. The backfill material shall be processed to the optimum moisture content suitable for maximum density and compacted to full width in accordance with the requirements of Subsection 306.

320 - Ditches shall conform to the slope, grade, dimensions, and shape of the required cross section shown on the plans. Roots, stumps, rocks, and other projections shall be removed to form smooth, even slopes.

321 - Excess excavated, unsuitable, or slide materials shall not be disposed of on areas where the material will encroach on a stream course or other body of water. Such materials shall be disposed of in accordance with Subsection and 321c. Materials not disposed of in this manner shall be retrieved and disposed of at the Purchaser's expense and at the direction of the Authorized Officer.

321b - Excess construction material as specified under Subsection 321 shall be loaded, hauled, and disposed of at a designated disposal site or used as embankment for designated roadbeds as shown on the plans.

321c - End-dumping will be permitted for the placement of excess materials under Subsection 321 in designated disposal areas or within areas approved by the Authorized Officer. Watering, rolling, and placement in layers are not required. Materials placed shall be sloped, shaped, and otherwise brought to a visible condition acceptable to the Authorized Officer.

324 - Excavated material shall not be allowed to cover boles of standing trees to a depth in excess of 2 feet on the uphill side.

327 - The finished grading shall be approved by the Authorized Officer in segments. The Purchaser shall give the Authorized Officer 3 days' notice prior to start of surfacing operations.

PIPE CULVERTS - 400

401 - This work shall consist of furnishing and installing pipe culverts and other erosion control devices in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans. Individual lengths and locations are approximate; final lengths and locations will be determined by the Authorized Officer upon completion of the roadbed and upon installation of the appurtenance structures. Additional pipe and erosion control devices may be required at the option of the Authorized Officer, in which case a reduction in the total purchase price shall be made to offset the cost of furnishing and installing such items. Costs will be based upon the unit prices set forth in the current BLM Timber Appraisal Production Cost Schedule.

403 - Grade culverts shall have a gradient of 2 percent to 4 percent greater than the adjacent road grade. Grade culverts shall be skewed down grade 30 degrees as measured from the perpendicular to the centerline unless otherwise specified on the plans.

405b - Corrugated-aluminum-alloy pipe culverts and pipe-arch culverts shall conform to the requirements of AASHTO M 196.

405e - Corrugated-polyethylene pipe for culverts 12-inch through 36-inch diameter shall meet the requirements of AASHTO M 294.

406 - Coupling bands shall conform to the requirements of AASHTO M 36 and AASHTO M 218 or AASHTO M 274 with the exception of band widths and the "Hugger"-type band which shall conform to the details, dimensions, and typical diagram shown on the plans.

406a - "Hugger"-type coupling bands shall only be used with annular corrugated pipe and pipe-arch culverts, or helically corrugated pipe and pipe-arch culverts having annular reformed ends. Annular reformed ends shall consist of two annular corrugations.

407 - Special sections, such as elbows, branch connections, and flared-end sections, shall be of the same gauge as the pipe to which they are joined, and shall conform to the requirements of AASHTO M 36 and AASHTO M 218 or AASHTO M 274.

408 - Pipe culverts and pipe-arch culverts shall be placed on the bed starting at the downstream end with the inside circumferential laps pointing downstream and with the longitudinal laps at the side or quarter points. Coupling bands of the type required under these specifications shall be installed so as to provide the circumferential and longitudinal strength necessary to preserve the pipe alignment, prevent separation of the pipe sections, and minimize infiltration of fill material.

410 - Pipe shall be unloaded and handled with reasonable care. If the Authorized Officer determines any structure is damaged to the extent that it is unsuitable for use in the road construction, it shall be replaced at the Purchaser's expense.

411 - Trenches necessary for the installation of pipe culverts shall conform to the lines, grades, dimensions, and typical diagram shown on the Culvert Installation Detail Sheet.

412 - Where ledge rock or boulders are encountered, they shall be excavated a minimum of 10 inches below the invert grade for a width of at least 2 feet on each side of the pipe and shall be backfilled with compacted select fill material.

412a - Where soft or spongy soils are encountered, they shall be excavated a minimum of 2 feet below the invert grade for a width of at least one pipe diameter on each side of the pipe and shall be backfilled with compacted select fill material.

413 - Pipe culverts shall be bedded on select fill material, having a depth of not less than 6 inches as shown on plans. Foundation material shall be of uniform density throughout the length of the structure and shall be shaped to fit the pipe.

416 - Select fill material for pipe culverts shall be fine readily compactable soil, or crushed rock material in accordance with Section 1204 gradation C, as shown on the plans.

417 - For pipe culverts:
Side-fill material conforming to the requirements of Subsection 416 shall be

placed and compacted under the haunches of the pipe, and shall be brought up evenly and simultaneously on both sides of the pipe to 1 foot above the pipe, in layers not exceeding 6 inches in depth and 1 pipe diameter/span, or a minimum of 2 feet in width each side of, and adjacent to, the full length of the pipe barrel. Each layer shall be moistened or dried to a uniform moisture content suitable for maximum compaction and immediately compacted by approved hand or pneumatic tampers as specified in Subsection 306.

418 - Side fills beyond the compaction limits specified under Subsection 417 shall be compacted as specified under Section 300.

419 - The pipe culvert after being bedded and backfilled as required by these specifications shall be protected by a 1-foot cover of fill before heavy equipment is permitted to cross the drainage structures. Removal of the protection fill shall be as directed by the Authorized Officer.

423 - Construction of catch basins conforming to lines, grades, dimensions, and typical diagrams shown on the plans, shall be required for culverts.

424 - Construction of splash pads conforming to lines, grades, dimensions, and typical diagram shown on the plans, shall be required for grade culverts.

427 - Record culvert sizes, lengths and location actually installed on a copy of the culvert list. This culvert list shall be furnished to the Authorized Officer.

428 - Remove and dispose of old culverts in a legal manner, and for any fees required. The Purchaser shall remove the old culverts from the work site prior to road acceptance.

429 - Keep the excavation site dewatered so that the installation of culverts is completed under dry conditions. Dispose of excess water in a manner that will avoid damage to adjacent property. Diversion streams shall not be returned to the natural channel until all in-stream work has been completed.

RENOVATION AND IMPROVEMENT OF EXISTING ROADS - 500

501 - This work shall consist of reconditioning and preparing the roadbed and shoulders, installing culverts and splash pads, minor excavation and/or embankment, cleaning and shaping drainage ditches, brushing vegetation from cut and embankment slopes, daylighting, cleaning and repairing drainage

structures of existing roads in accordance with these specifications, as shown on the plans, and as marked on the ground with stakes or metal tags.

501a - This work shall include the removal and disposal of slides in accordance with these specifications.

502 - The existing road surface shall be bladed and shaped to the lines, grades, dimensions, and typical cross sections shown on the plans and as marked on the ground with stakes or metal tags.

502a - Rocks larger than 4 inches in maximum dimension shall be removed from the scarified layers of the roadbed. Material so removed will not be permitted to remain on road shoulders or in ditches.

502b - Drainage ditches shall be bladed and shaped in accordance with the lines, grades, dimensions, and typical cross sections shown on the plans.

504 - Existing road surface shall be uniformly moistened or dried to the optimum moisture content suitable for maximum density and compacted to full width with equipment conforming to requirements of Subsection103f and 103i.

504a - Minimum compaction required shall be a minimum of 8 passes over each full-width layer, or until visual displacement ceases.

506 - The inlet end of existing drainage structures shall be cleared of vegetative debris and boulders that are of sufficient size to obstruct normal stream flow. Pipe inverts shall be cleared of sediment and other debris lodged in the barrel of the pipe. The outflow area of pipe structures shall be cleared of rock and vegetative obstructions which will impede the structure's designed outflow configuration. Catch basins shall conform to the lines, grade, dimensions, and typical diagram shown on the plans.

509 - The finished grading shall be approved by the Authorized Officer 1 day prior to surfacing operations. The Purchaser shall give the Authorized Officer 3 days' notice prior to final inspection of the grading operations.

510 - Unless otherwise shown on the plans, daylighting shall include removing shrubs and trees within 33 feet from the centerline of existing roads, as shown on the plans and marked on the ground, in accordance with Section 200 (Clearing and Grubbing).

Note: The distance from the road centerline to the clearing limits posted on the ground may vary. Daylighting operations are only required within 33 feet of road centerline or up to the posted clearing limits, whichever is closest to the centerline of the road.

510b - Unless otherwise shown on the plans, stumps located within 5 feet of the edge of road shall be cut to a maximum height of 4 inches above the ground surface or above obstructions such as rocks.

510c - Unless otherwise shown on the plans, trees reserved from cutting are marked with orange paint, and shall be limbed to a minimum height of 14 feet above the running surface of the roadway.

510d - All slash generated during daylighting operations shall be piled and covered with plastic sheeting in accordance with Section 42(F)(1) of the contract.

WATERING - 600

601 - This work shall consist of furnishing and applying water required for the compaction of embankments, roadbeds, backfills, base courses, surface courses, finishing and reconditioning of existing roadbeds, laying dust, or for other uses in accordance with these specifications.

602 - Water, when needed for compaction or laying dust, shall be applied at the locations, in the amounts, and during the hours as directed by the Authorized Officer. Amounts of water to be provided will be the minimum needed to properly execute the compaction requirements in conformance with these specifications, and for laying dust during work periods.

603 - Water trucks used in this work shall be equipped with a distributing device of ample capacity and of such design as to ensure uniform application of water on the roadbed.

605 - The Purchaser shall secure the necessary water permits and pay all required water fees for use of water sources selected by the Purchaser and approved by the Authorized Officer.

TIMBER SALE ROAD SPECIFICATIONS

AGGREGATE BASE COURSE - 1000
CRUSHED ROCK MATERIAL

1001 - This work shall consist of furnishing, hauling, and placing one or more lifts of crushed rock material on roadbeds and landings approved for placing crushed rock material, in accordance with these specifications and conforming to the dimensions and typical cross sections shown on the plans. Material not conforming to these specifications will be rejected and shall be removed from the road at the purchaser's expense.

1002a - Crushed rock materials may be obtained from commercial sources selected by the Purchaser at his option and expense providing that the rock materials selected comply with the specifications in this section.

1002b - In accordance with Subsections 1005, 1006, and 1006a, the following test reports for crushed rock material shall be submitted to, and approved by, the Authorized Officer, prior to delivery and placement of aggregate: AASHTO T96, AASHTO T210, and DMSO. Tests must have been conducted within the last 365 days and be for the same quarry shot that the crushed rock is coming from. New tests must be performed if there is a new shot, or other change in the material being supplied to the crusher.

1002c - In accordance with Subsection 1004, the following test reports for crushed rock material shall be submitted to and approved by the Authorized Officer, prior to delivery and placement of aggregate: AASHTO T11 and AASHTO T27.

1003 - Crushed rock material produced from gravel shall have 2 manufactured fractured faces on 65 percent, by weight, of the material retained on the No. 4 sieve.

1004 - Crushed rock materials shall consist of hard durable rock fragments conforming to the following gradation requirements (as determined by AASHTO T11 & T27):

TABLE 1004

AGGREGATE BASE COURSE
CRUSHED ROCK MATERIAL
Percentage by Weight Passing Square Mesh Sieves
(AASHTO T 11 & T 27)

GRADATION

Sieve Designation	A	B	C	D	F	G	H	I
6 -inch	-	-	-	-	-	-	-	100
3-inch	100	-	100	-	100	-	-	45-65
2-inch	90-95	100	-	-	65-95	100	100	-
1 1/2-inch	-	90-95	-	-	-	-	-	-
1-inch	45-75	50-90	-	100	-	50-85	60-90	-
3/4-inch	-	-	-	-	28-70	-	-	-
1/2-inch	-	-	-	0-20	-	27-60	44-70	-
3/8-inch	-	-	-	-	-	-	-	-
No. 4	15-45	15-50	-	0-5	10-35	15-40	28-50	0-10
No. 8	-	-	-	-	-	-	20-41	-
No. 10	-	-	-	-	-	-	-	-
No. 30	-	-	-	-	5-22	8-26	9-26	-
No. 40	5-25	5-25	-	-	-	-	-	-
No. 200	2-15	2-15	-	-	3-10	3-12	3-12	-

1004j - Gabion rock shall be sound, durable and from a source approved by the Authorized Officer. Rock shall not be less than 4 inches minimum dimension, nor greater than 8 inches maximum dimension. The rock shall be reasonably well graded between the limiting sizes.

1005 - Crushed rock material retained on the No. 4 sieve shall have a percentage of loss of not more than 35 at 500 revolutions, as determined by AASHTO T 96.

1006 - Crushed rock material shall show durability value of not less than 35, as determined by AASHTO T 210.

TIMBER SALE ROAD SPECIFICATIONS

1006a - The crushed rock material shall show a loss of not more than 20 percent by weight, when submerged in DMSO, dimethyl sulfoxide, for five days, according to Federal Highway Administration Region 10 Accelerated Weathering Test Procedure.

1008a - Each layer of crushed rock material shall be thoroughly mixed on the roadbed by alternately blading, to full depth, until a uniform mixture has been obtained. The mixture shall then be spread to full width. When completed, the spreading shall produce a surface which is smooth, presents uniform shoulder lines, and conforms to the specified cross section.

1009 - The roadbed, as shaped and compacted under Sections 300 and 500 of these specifications, shall be approved by the Authorized Officer prior to placement of crushed rock materials. Notification for final inspection prior to rocking shall be 72 hours prior to that inspection.

1010 - Crushed rock materials shall be placed and processed on the approved roadbed in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans and compacted in layers not to exceed 3 inches in depth. When more than one layer is required, each shall be shaped, processed, compacted, and approved in writing by the Authorized officer before the succeeding layer is placed. Irregularities or depressions that develop during compaction of the top layer shall be corrected by loosening the material at these places and adding or removing crushed rock material until the surface is smooth and uniform.

1010a - Crushed rock material used to repair or reinforce a soft, muddy, frozen, yielding, or rutted roadbed shall not be construed as surfacing under this specification unless approved as such by the Authorized Officer prior to placement.

1012 - Each layer of crushed rock material shall be placed, processed, shaped, moistened or dried to a uniform moisture content suitable for maximum compaction, and compacted to full width by compaction equipment conforming to the requirements of Subsection 103f and 103i. Minimum compaction shall be a minimum of 8 passes over each full-width layer, or until visual displacement ceases.

TIMBER SALE ROAD SPECIFICATIONS

AGGREGATE SURFACE COURSE - 1200
CRUSHED ROCK MATERIAL

1201 - This work shall consist of furnishing, hauling, and placing one or more layers of crushed rock material on roadbeds and base courses approved for placing crushed rock material in accordance with these specifications and conforming to the dimensions and typical cross sections shown on the plans. Material not conforming to these specifications will be rejected and shall be removed from the road at the purchaser's expense.

1202a - Crushed rock materials used in this work may be obtained from commercial sources selected by the Purchaser at his option and expense, providing the rock materials furnished comply with these specifications.

1202b - In accordance with Subsections 1205, 1206, and 1206a, the following test reports for crushed rock material shall be submitted to and approved by the Authorized Officer, prior to delivery and placement of aggregate: AASHTO T96, AASHTO T210, and DMSO. Tests must have been conducted within the last 365 days and be for the same quarry shot that the crushed rock is coming from. New tests must be performed if there is a new shot, or other change in the material being supplied to the crusher.

1202c - In accordance with Subsection 1204, the following test reports for crushed rock material shall be submitted to and approved by the Authorized Officer, prior to delivery and placement of aggregate: AASHTO T11 and AASHTO T27.

1203 - When crushed rock material is produced from gravel, not less than 65 percent by weight of the particles retained on the No. 4 sieve will have 2 manufactured fractured faces.

1204 - Crushed rock material shall consist of hard durable rock fragments conforming to the following gradation requirements (as determined by AASHTO T11 & T27):

TABLE 1204

AGGREGATE SURFACE COURSE
CRUSHED ROCK MATERIAL
Percentage by weight passing square mesh sieves
AASHTO T 11 & T 27

GRADATION

Sieve Designation	C	C-1	D	D-1	E	E-1
1-1/2-inch	100	100	-	-	-	-
1-inch	-	-	100	100	-	-
3/4-inch	50-90	60-90	-	70-98	100	100
1/2-inch	-	-	-	-	-	70-98
No. 4	25-50	30-55	30-60	36-60	40-75	44-70
No. 8	-	22-43	-	25-47	-	30-54
No. 30	-	11-27	-	12-31	-	15-34
No. 40	5-25	-	5-30	-	5-35	-
No. 200	2-15	3-15	3-15	3-15	2-15	3-15

1205 - Crushed rock material retained on the No. 4 sieve shall have a percentage of loss of not more than 35 at 500 revolutions, as determined by AASHTO T 96.

1206 - Crushed rock material shall show a durability value of not less than 35 as determined by AASHTO T210.

1206a - The crushed rock material shall show a loss of not more than 20 percent by weight, when submerged in DMSO, dimethyl sulfoxide, for five days, according to Federal Highway Administration Region 10 Accelerated Weathering Test Procedure.

1208a - Each layer of crushed rock material shall be thoroughly mixed on the roadbed by alternately blading, to full depth, until a uniform mixture has been obtained. The mixture shall then be spread to full width. When completed, the spreading shall produce a surface which is smooth, presents uniform shoulder lines, and conforms to the specified cross section.

1209 - Shaping and compacting of roadbed base course shall be completed and approved by the Authorized Officer, prior to placing crushed rock material, in accordance with the requirements of Subsections 300 and 500. Notification for final inspection prior to rocking shall be 72 hours prior to the inspection.

1210 - Crushed rock material conforming to the requirements of these specifications shall be placed on the approved roadbed and base course in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the plans. Compacted layers shall not exceed 3 inches in depth. When more than one layer is required, each shall be shaped, processed, compacted, and approved by the Authorized Officer before the succeeding layer is placed. Irregularities or depressions that develop during compaction of the top layer shall be corrected by loosening the material at these places and then adding or removing crushed rock material until the surface is smooth and uniform.

1210a - Crushed rock material used to repair or reinforce soft, muddy, frozen, yielding, or rutted roadbed shall not be construed as surfacing required by this specification unless approved by the Authorized Officer.

1212 - Each layer of crushed rock material placed, processed, and shaped as specified shall be moistened or dried to a uniform moisture content suitable for maximum compaction and compacted to full width by compacting equipment conforming to the requirements of Subsections 103f 103i. Minimum compaction shall be 8 passes over each full-width layer, or until visual displacement ceases.

EROSION CONTROL - 1700

1701 - This work shall consist of measures to control soil erosion or water pollution during the construction operation through the use of berms, dikes, dams, sediment basins, fiber mats, netting, gravel, mulches, grasses, slope drains, geofabric rolls, and other erosion control devices or methods in accordance with these specifications and conforming to the lines, grades, dimensions and typical cross sections shown on the plans.

1703 - This work shall consist of furnishing and installing silt fences, straw bales, geofabric rolls, or similar erosion control devices in accordance with these specifications and in reasonably close conformity with the lines and grades as directed by the Authorized Officer.

1703a - Additional erosion control work consisting of furnishing and installing silt fences, straw bales, geofabric rolls, or similar erosion control devices, may be required at the option of the Authorized Officer. Providing that the additional erosion control is not due to Purchaser negligence as specified in Sec. 12 of the contract, a reduction in the total purchased price shall be made to offset the cost of furnishing and installing such additional erosion control devices. Costs shall be based upon the unit price set forth in the current BLM Timber Appraisal Production Cost Schedule.

1704 - The erosion control provisions specified under this Subsection shall be coordinated with the Soil Stabilization requirements of Section 1800.

1708a - Road segments not completed during dry weather periods shall be winterized, by providing a well-drained roadway using water bars, maintaining drainage, and performing additional measures necessary to minimize erosion and other damage to the roadway, as directed by the Authorized Officer. Portions of roads not having surface rock in place will be blocked or barricaded to prevent vehicular traffic.

SOIL STABILIZATION – 1800

1801 - This work shall consist of seeding and mulching on designated cut, fill, borrow, disposal, and special areas in accordance with these specifications and as shown on the plans. This work is required for road acceptance under Section 18 of this contract.

1802a - Soil stabilization work consisting of seeding and mulching shall be performed on new road construction, road renovation, improvements, landings, and disturbed areas in accordance with these specifications and as shown on the plans.

1803 - Soil stabilization work as specified under Subsection 1802a shall be performed during the following seasonal periods:

From: September 1st	To: October 15th

If soil stabilization of disturbed areas is not completed by the specified fall date, the Purchaser shall treat disturbed areas in accordance with Section 1700. The Authorized Officer may modify the above seasonal dates to conform to existing weather conditions and changes in the construction schedule.

TIMBER SALE ROAD SPECIFICATIONS

1803a - The Purchaser shall begin soil stabilization work within 10 days of the starting work date when notified by the Authorized Officer.

1804 - The BLM shall provide native grass/forb seed for this project.

1806a - Additional soil stabilization work consisting of seeding, and mulching, may be required at the option of the Authorized Officer. Providing the additional stabilization is not due to Purchaser negligence as specified in Sec. 12 of the contract, a reduction in the total purchased price shall be made to offset the cost of furnishing and applying such additional stabilization material. Cost shall be based upon the unit price set forth in the current BLM Timber Appraisal Production Cost Schedule.

1808 - Mulch materials conforming to the requirements of Subsection 1808a shall be furnished by the Purchaser in the amounts specified under Subsection 1811 and applied in accordance with Subsection 1812.

1808a - Straw mulch shall be certified weed free from commercial grain fields and native grass fields. Straw mulch shall be from oats, wheat, rye, or other approved grain crops and shall be free from, mold, or other objectionable material. Straw mulch shall be in an air-dry condition and suitable for placement.

1809 - Mulch material shall be delivered to the work area in a dry state. Material found to be wet will not be accepted. Material to be used in the mulching operation may be stockpiled along the road designated for treatment provided that it is maintained in a dry state and has the approval of the Authorized Officer.

1810 - Bulk mulching material required under these specifications shall be delivered to the work area bound either by twine, string, or hemp rope. Wire binding will not be permitted.

1811 - The Purchaser shall furnish and apply to approximately 0.5 acres designated for treatment as shown on the plans and as specified under Subsections 1802a and 1806a, a mixture of grass seed and mulch material at the following rate of application:

Grass Seed	25 lbs./acre
Mulch	2000 lbs./acre

The above proportion and application rate are subject to adjustment by the Authorized Officer during the application operation.

1812 - The Purchaser shall furnish and apply to the area designated for treatment as shown on the plans and as specified under Subsections 1802a and 1806a, a mixture of grass seed and mulch material, at the application rate to be determined by the Authorized Officer based on visual observation of trial applications.

Mulches shall be spread/placed in treatment areas to a depth of 2 inches to allow seed germination or as directed by the Authorized Officer. Treatment area will be covered evenly and completely. Mulch can be broadcast onto the soil surface by hand or with hand/mechanical operated spreaders.

1814 - The Purchaser may reduce the application rate on partially covered slopes and refrain from application on areas already well stocked with grass or on rock surfaces as determined by the Authorized Officer.

1815 - The seed and mulch materials shall be placed by the dry method in accordance with the requirements set forth in Subsection 1815b.

1815b - Dry Method - Blowers, mechanical seeders, seed drills, landscape seeders, cultipaker seeders, fertilizer spreaders, or other approved mechanical seeding equipment may be used when seed and fertilizer are to be applied in dry form.

1819 - The Purchaser shall notify the Authorized Officer at least 3 days in advance of date he intends to commence the specified soil stabilization work.

1820 - When sprayed, the mix must overlap on the ground uniformly so that there will be no voids in the treated areas.

1821 - Mulch that collects at the end of culverts or accumulates to excessive depths on the slopes shall be evenly spread by hand methods, as directed by the Authorized Officer.

1822 - No materials shall be applied when wind velocities would prevent a uniform application of the mix or when winds would drift the mix outside of the designated treatment area.

1824 - Twine, rope, sacks, and other debris resulting from the soil-stabilization operation shall be picked up and disposed of to the satisfaction of the Authorized Officer.

ROADSIDE BRUSHING - 2100

2101 - This work shall consist of the removal of vegetation from the road prism - variable distance, and inside curves in accordance with these specifications and conforming to the lines, grades, dimensions, and typical cross sections shown on the Roadside Brushing Detail Sheet of this exhibit, at designated locations as shown in the plans.

2102 - Roadside brushing maybe performed mechanically with self-powered, self-propelled equipment and/or manually with hand tools, including chain saws.

2103 - Vegetation cut manually and/or mechanically less than 6 inches in diameter when measured 6 inches above the ground shall be cut to a maximum height of 2 inches above the ground surface or above obstructions such as rocks or stumps on cut and fill slopes and all limbs below the 2 inch area will be severed from the trunk.

2103a - Vegetation shall be cut and removed from the roadbed between the outside shoulders and the ditch centerline and such vegetation shall be cut to a maximum height of 2 inches above the ground and running surface. Limbs below the 2 inch area will be severed from the trunk. Sharp pointed ends will not be permitted. Cuts shall be parallel to the ground line or running surface.

2104 - Trees in excess of 6 inches in diameter when measured 6 inches above the ground line shall be limbed, so that no limbs extend into the treated area or over the roadbed to a height of 14 feet above the running surface of the roadway on cut and fill slopes, within the road prism-variable distance. Limbs shall be cut to within 1 inch of the trunk to produce a smooth vertical face. Removal of trees larger than 6 inches in diameter for sight distance or safety may be directed by the Authorized Officer.

2105 - Vegetation that is outside of the road prism-variable distance that protrudes into the road prism and within 14 feet in elevation above the running surface shall be cut, to within 1 inch of the trunk to produce a smooth vertical face.

TIMBER SALE ROAD SPECIFICATIONS

2106 - Vegetative growth capable of growing 1 foot in height or higher shall be cut, within the road prism-variable distance or as directed by the Authorized Officer.

2107 - Inside curves shall be brushed out for a sight distance of 200 feet chord distance or a distance of 15 feet from edge of subgrade, whichever is achieved first. Overhanging limbs and vegetation in excess of 1 foot in height, shall be cut within these areas.

2108 - Self-propelled equipment shall not be permitted on cut and fill slopes or in ditches.

2109 - Debris resulting from this operation shall be scattered downslope from the roadway. Debris shall not be allowed to accumulate in concentrations. Debris in excess of 1 foot in length and 2 inches in diameter shall not be allowed to remain on cut slopes, ditches, roadways or water courses, or as directed by the Authorized Officer.

2115 - Mechanical brush cutters shall not be operated when there are people and occupied vehicles within 400 feet of the immediate operating area.

2116 - Traffic warning signs shall be required at each end of the work area. Signs shall meet the requirements of the Manual on Uniform Traffic Devices.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ROSEBURG DISTRICT
TIMBER SALE EXHIBIT C

CONTRACT NAME: EAST DICE
CONTRACT NO: ORR05-TS-2027.0002

ROAD NUMBER	STA/MP TO STA/MP	CONST.	RENOV.	DECOM.	EXISITING SURFACE TYPE	PROPOSED BASE COURSE		PROPOSED SURFACE COURSE		ROAD DIMENSIONS			TYP. ROAD	SHEET
						DEPTH	TYPE	DEPTH	TYPE	A	B	C	SECTION	NO.
29-8-29.2 ROCK	0+00 – 57+55		X		ROCK						16'	14'	4	5
30-9-11.0	N/A – N/A		N/A		ROCK			NOTE 2	1204C		16'	14'	4	5
30-9-35.0	0+00 – 6+35		X		ROCK						16'	14'	4	5
30-9-35.1	0+00 – 9+50		X		ROCK						16'	14'	4	5
30-9-35.2	0+00 – 28+00		X		ROCK						16'	14'	4	5
30-9-35.3	0+00 – 13+20		X		ROCK						16'	14'	4	5
30-9-35.4	0+00 – 2+65		X		ROCK						16'	14'	4	5
30-9-35.8	0+00 – 5+80		X		ROCK						16'	14'	4	5
31-7-19.0	0+00 – 42+25		X		ROCK						16'	14'	4	5
31-8-5.0	0+00 – 58+10		X		ROCK						16'	14'	4	5
31-8-7.0	0+00 – 7+65		X		ROCK						16'	14'	4	6
31-8-8.2	0+00 – 37+70		X		ROCK						16'	14'	4	6
31-8-8.3	0+00 – 18+80		X		ROCK						16'	14'	4	6
31-8-9.0	0+00 – 8+45		X		ROCK						16'	14'	4	6
31-9-1.2	0+00 – 40+65		X		ROCK						16'	14'	4	6
31-9-1.5	0+00 – 8+45		X		NATIVE						16'	14'	4	6
31-9-1.6	0+00 – 14+25		X		NATIVE			9"	1204C		16'	14'	4	6
31-9-1.7	0+00 – 4+25		X		NATIVE			9"	1004A		16'	14'	4	7
SPUR 1	0+00 – 1+40	X			NATIVE	9"	1004A			16'	14'		4	8
SPUR 2 CONST	0+00 – 3+25	X			NATIVE	9"	1204C			16'	14'		4	9
SPUR 2 RENO	0+00 – 3+00		X		NATIVE			9"	1204C		16'	14'	4	7

INDEX OF SHEETS

SHEET	DESCRIPTION
1	ROAD SUMMARY
2	SUMMARY OF QUANTITIES
3	TYPICAL SECTIONS
4	VICINITY MAP
5	RENOVATION NOTES
6	RENOVATION NOTES
7	RENOVATION NOTES
8	CONSTRUCTION NOTES
9	CONSTRUCTION NOTES
10	CULVERT SUMMARY
11	CULVERT INSTALLATION
12	BRUSHING DETAILS

NOTES:

1. SEE EXHIBIT D
2. PLACE ROCK COURSES ONLY AT LOCATIONS SPECIFIED IN RENOVATION NOTES. SEE RENOVATION NOTES FOR DIMENSIONS OR QUANTITIES.

ALWAYS THINK SAFETY

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OREGON STATE OFFICE ROSEBURG DISTRICT

EAST DICE
ROAD SUMMARY

DESIGNED: J. HARDER | DATE: 6/10/2026
CONTRACT NO. ORR05-TS-2027.0002 | SHEET 1 OF 12

CONTRACT NAME: EAST DICE
CONTRACT NO: ORR05–TS–2027.0002

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ROSEBURG DISTRICT
TIMBER SALE EXHIBIT C

ROAD NUMBER	LENGTH	CLEARING AND GRUBBING	ROADSIDE BRUSHING	CLEANING CULVERTS	SURFACING			BLADING	PULLING DITCHES	COMPACTION	CULVERT INSTALLATION (18") [2]	EXCAVATION	EMBANKMENT	HEAVY EQUIPMENT ROAD REPAIR
					1004A 3" MINUS	1004H 3" OPEN	1204C 1½" MINUS							
	STA/MI	ACRES	ACRES	STA/MI	L.C.Y.	L.C.Y.	L.C.Y.	STA/MI	STA/MI	STA/MI	LINEAR FEET	C.Y. (IN–PLACE)	C.Y. (IN–PLACE)	HOURS
29–8–29.2 ROCK	57+55			57+55				57+55	57+55	57+55				
30–9–11.0	N/A						**200							
30–9–35.0	6+35			6+35				6+35	6+35	6+35				
30–9–35.1	9+50		0.22	9+50				9+50	9+50	9+50				
30–9–35.2	28+00		0.64	28+00				28+00	28+00	28+00				
30–9–35.3	13+20		0.30	13+20				13+20	13+20	13+20				
30–9–35.4	2+65		0.06	2+65				2+65	2+65	2+65				
30–9–35.8	5+80		0.13	5+80				5+80	5+80	5+80				
31–7–19.0	42+25			42+25				42+25	42+25	42+25				
31–8–5.0	58+10		1.33	58+10				58+10	58+10	58+10				
31–8–7.0	7+65		0.18	7+65				7+65	7+65	7+65				
31–8–8.2	37+70		0.86	37+70				37+70	37+70	37+70				
31–8–8.3	18+80	0.76	0.76	18+80				18+80	18+80	18+80				
31–8–9.0	8+45			8+45				8+45	8+45	8+45				
31–9–1.2	40+65	0.93	0.93	40+65				40+65	40+65	40+65				
31–9–1.5	8+45		0.19	8+45				8+45	8+45	8+45				
31–9–1.6	14+25	0.65	0.33				800	14+25	14+25	14+25	80			
31–9–1.7	4+25	0.20	0.10				260	4+25	4+25	4+25	40			
SPUR 1	1+40	0.16			100			1+40	1+40	1+40		327	323	
SPUR 2 CONST	3+25	0.37					200	3+25	3+25	3+25		388	381	
SPUR 2 RENO	3+00			3+00			160	3+00	3+00	3+00				

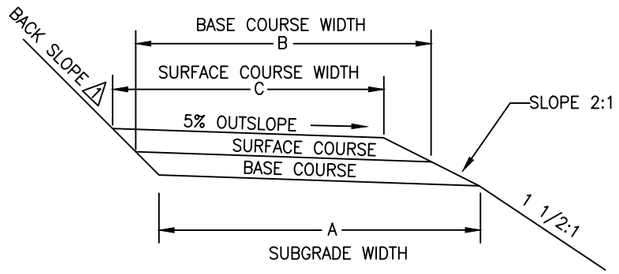
NOTES
1. ALL QUANTITIES ARE ESTIMATES AND NOT PAY ITEMS
2. SEE CULVERT SUMMARY FOR DETAILS
** THIS SPOT ROCK MAY BE USED FOR PRE–HAUL RENOVATION OR POST HAUL MAINTENANCE ON ANY PART OF THE HAUL ROUTE, AS APPROVED BY THE AUTHORIZED OFFICER. UPON COMPLETION OF OPERATIONS, THE UNUSED PORTION OF THIS AGGREGATE SHALL BE STOCKPILED AT LOCATIONS DESIGNATED IN RENOVATION NOTES.

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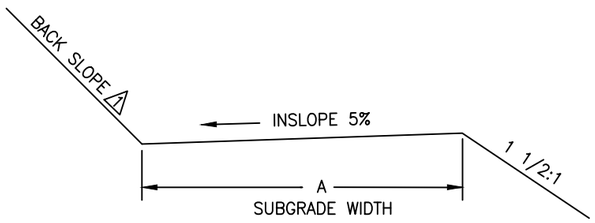
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OREGON STATE OFFICE ROSEBURG DISTRICT

EAST DICE
SUMMARY OF QUANTITIES

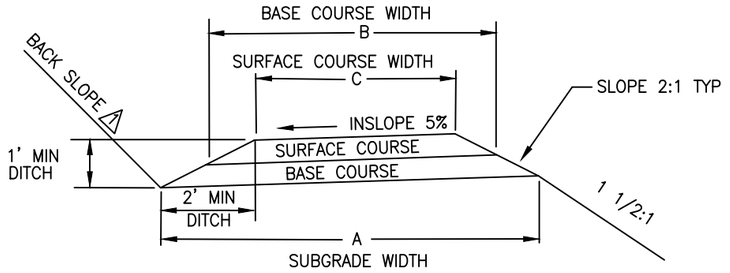
DESIGNED: J. HARDER | DATE: 6/10/2026
CONTRACT NO. ORR05–TS–2027.0002 | SHEET 2 OF 12



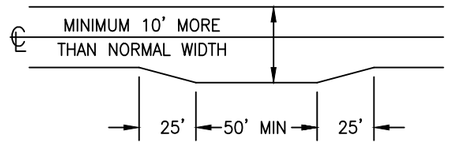
SECTION OUT SLOPE ROAD ①



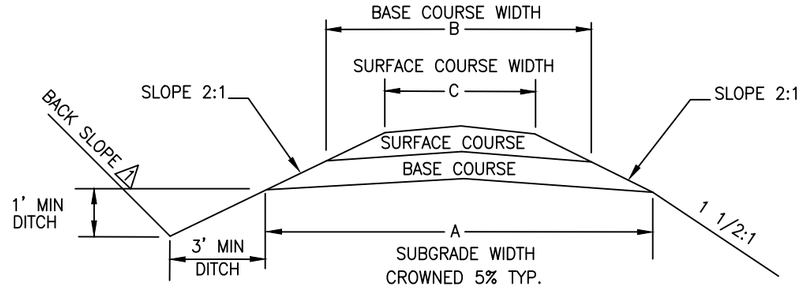
SECTION INSLOPE ROAD ②



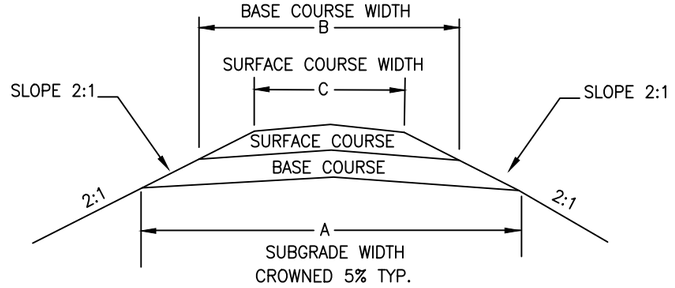
SECTION INSLOPE ROAD ③



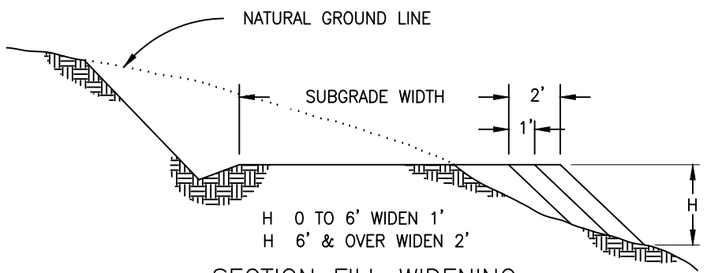
TYPICAL TURNOUT DIMENSIONS



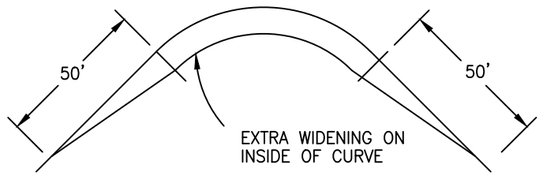
SECTION ROAD ④



SECTION ROAD ⑤



SECTION FILL WIDENING



DEGREE OF CURVE	8–21	22–35	36–51	52–64	65–79	80–90
EXTRA WIDTH IN FEET	1	2	3	4	5	6

CURVE WIDENING TABLE FOR NON–DESIGN ROADS OR AS SHOWN ON PLANS. MAX 75° CURVE OR AS SHOWN ON PLANS.

NOTES:

1. Backslope to match existing backslope unless otherwise specified.
2. Backslope for Non–Design Roads:
   Slopes under 50%, ¾:1
   Slopes over 50%, ½:1
   Solid Rock ¼:1
3. Out slope road segments with grades less than 6%, crown or inslope road segments with grades exceeding 6%.
4. Inslope road sections permitted only for temporary roads. Native surface restricted to summer haul.

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OREGON STATE OFFICE ROSEBURG DISTRICT

EAST DICE
TYPICAL SECTIONS

DESIGNED: J. HARDER | DATE: 6/10/2026

CONTRACT NO. ORR05–TS–2027.0002 | SHEET 3 OF 12

R 9 W

R 8 W

T 30 S

T 31 S

30-9-35.8

30-9-35.0

30-9-35.1

Spur 1

30-9-35.2

30-9-35.3

30-9-35.4

Spur 2

31-9-1.6

31-9-1.0

31-9-1.7

30-9-11.0 B

31-9-1.2

31-9-1.2 A

31-9-1.5

31-8-8.2

31-8-7.0

31-8-8.2 A

31-8-8.3

31-7-19.0

30-8-33.1

31-7-19.0

31-8-9.0 B

31-8-5.0 A

31-8-5.0

Legend

- Road Maintenance
- Road Construction
- Road Renovation
- Harvest Area
- BLM

United States Department of the Interior
Bureau of Land Management
Roseburg District
777 NW Garden Valley Blvd
Roseburg, Oregon 97471

Transverse Mercator
Zone 10 North NAD 1983

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.

0 0.5 1 2
Miles

N

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BUREAU OF LAND MANAGEMENT
ROSEBURG DISTRICT OFFICE

EAST DICE
Contract # ORR05-TS-2027.0002

VICINITY MAP

SHEET: 4 OF 12

ROAD RENOVATION

Notes:

1. All roads shall be renovated in accordance with attached specifications and the work items listed below. Renovation may include roadside brushing, installing culverts and splash pads, blading, shaping, cleaning ditches, removing slide material, and cleaning existing drainage structures. Features to construct are so noted. Existing features are noted at approximate station in the notes below. The Purchaser shall dispose of all culvert pipe removed as a part of the work described in this contract at a legal site off of BLM land.
2. All renovation and construction shall be done and approved prior to any hauling activity.
3. Existing turnouts, on roads to be renovated, shall be surfaced to the same standard as the adjacent roadway.
4. Back slopes shall be cut to match existing unless otherwise specified.
5. All work shall be performed according to OSHA safety requirements.

MILE POST	DESCRIPTION
	29-8-29.2 ROCK
0+00	BEGIN RENOVATION AT END OF BST AT JUNCTION WITH ROAD NO. 30-8-33.1 BEGIN BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
57+55	END RENOVATION AT JUNCTION WITH ROAD NO. 31-7-19.0
	30-9-11.0
N/A	STOCKPILE ANY REMAINING SPOT ROCK AT JUNCTION WITH SPUR 2 (200CY SPEC NO. 1204C)
	30-9-35.0
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-11.0 BEGIN BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
6+35	END RENOVATION AT EAST PROPERTY BOUNDARY SECTION 35
	30-9-35.1
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-11.0 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
9+50	END RENOVATION AT JUNCTION WITH ROAD NO. 30-9-35.8 END BRUSHING
	30-9-35.2
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-11.0 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
28+00	END RENOVATION AT HARVEST UNIT BOUNDARY END BRUSHING

MILE POST	DESCRIPTION
	30-9-35.3
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-11.0 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
13+20	END RENOVATION AT EAST PROPERTY BOUNDARY SECTION 35 END BRUSHING
	30-9-35.4
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-35.2 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
2+65	END RENOVATION AT HARVEST UNIT BOUNDARY END BRUSHING
	30-9-35.8
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-35.1 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
5+80	END RENOVATION AT HARVEST UNIT BOUNDARY END BRUSHING
	31-7-19.0
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 29-8-29.2 BEGIN BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
42+25	END RENOVATION AT JUNCTION WITH ROAD NO. 31-8-9.0
	31-8-5.0
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-8-9.0 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES, AND CLEANING CULVERTS
58+10	END RENOVATION AT JUNCTION WITH ROAD NO. 31-8-8.2 END BRUSHING

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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OREGON STATE OFFICE ROSEBURG DISTRICT

EAST DICE
RENOVATION NOTES

DESIGNED: J. HARDER	DATE: 6/10/2026
CONTRACT NO. ORR05-TS-2027.0002	SHEET 5 OF 12

ROAD RENOVATION

Notes:

1. All roads shall be renovated in accordance with attached specifications and the work items listed below. Renovation may include roadside brushing, installing culverts and splash pads, blading, shaping, cleaning ditches, removing slide material, and cleaning existing drainage structures. Features to construct are so noted. Existing features are noted at approximate station in the notes below. The Purchaser shall dispose of all culvert pipe removed as a part of the work described in this contract at a legal site off of BLM land.
2. All renovation and construction shall be done and approved prior to any hauling activity.
3. Existing turnouts, on roads to be renovated, shall be surfaced to the same standard as the adjacent roadway.
4. Back slopes shall be cut to match existing unless otherwise specified.
5. All work shall be performed according to OSHA safety requirements.

MILE POST	DESCRIPTION
	31-8-7.0
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-8-8.3 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS
7+65	END RENOVATION AT HARVEST UNIT BOUNDARY END BRUSHING
	31-8-8.2
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-8-5.0 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS
37+70	END RENOVATION AT HARVEST UNIT BOUNDARY END BRUSHING
	31-8-8.3
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-8-8.2 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS BEGIN CLEARING AND GRUBBING
18+80	END RENOVATION AT HARVEST UNIT BOUNDARY END BRUSHING END CLEARING AND GRUBBING
	31-8-9.0
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-7-19.0 BEGIN BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS
8+45	END RENOVATION AT JUNCTION WITH ROAD NO. 31-8-5.0

MILE POST	DESCRIPTION
	31-9-1.2
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-11.0 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS BEGIN CLEARING AND GRUBBING
40+65	END RENOVATION AT HARVEST UNIT WEDGE BOUNDARY END BRUSHING END CLEARING AND GRUBBING
	31-9-1.5
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-9-1.2 BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS
8+45	END RENOVATION AT HARVEST UNIT BOUNDARY END BRUSHING
	31-9-1.6
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-9-1.0 BEGIN BRUSHING, BLADING, COMPACTING AND PULLING DITCHES BEGIN CLEARING AND GRUBBING INSTALL 18" X 40' CULVERT BEGIN SURFACING (800 CY 1204C)
6+50	INSTALL 18" X 40' CULVERT
14+25	RENOVATE EXISTING LANDING END RENOVATION AT EXISTING LANDING END BRUSHING END CLEARING AND GRUBBING END SURFACING

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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OREGON STATE OFFICE ROSEBURG DISTRICT

EAST DICE
RENOVATION NOTES

DESIGNED: J. HARDER	DATE: 6/10/2026
CONTRACT NO. ORR05-TS-2027.0002	SHEET 6 OF 12

ROAD RENOVATION

Notes:

1. All roads shall be renovated in accordance with attached specifications and the work items listed below. Renovation may include roadside brushing, installing culverts and splash pads, blading, shaping, cleaning ditches, removing slide material, and cleaning existing drainage structures. Features to construct are so noted. Existing features are noted at approximate station in the notes below. The Purchaser shall dispose of all culvert pipe removed as a part of the work described in this contract at a legal site off of BLM land.
2. All renovation and construction shall be done and approved prior to any hauling activity.
3. Existing turnouts, on roads to be renovated, shall be surfaced to the same standard as the adjacent roadway.
4. Back slopes shall be cut to match existing unless otherwise specified.
5. All work shall be performed according to OSHA safety requirements.

MILE POST	DESCRIPTION
	31-9-1.7
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 31-9-1.6
	BEGIN BRUSHING, BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS
	BEGIN CLEARING AND GRUBBING
	INSTALL 18" X 40' CULVERT
	BEGIN SURFACING (200 CY 1004A)
4+25	END RENOVATION AT HARVEST UNIT BOUNDARY
	CONSTRUCT 50' X 50' LANDING
	END BRUSHING
	END CLEARING AND GRUBBING
	END SURFACING
	SPUR 2 RENO
0+00	BEGIN RENOVATION AT JUNCTION WITH ROAD NO. 30-9-11.0
	BEGIN BLADING, COMPACTING, PULLING DITCHES AND CLEANING CULVERTS
	BEGIN SURFACING (160 CY 1004A)
3+00	END RENOVATION AT JUNCTION WITH SPUR 2 NEW CONTRUCTION
	END SURFACING

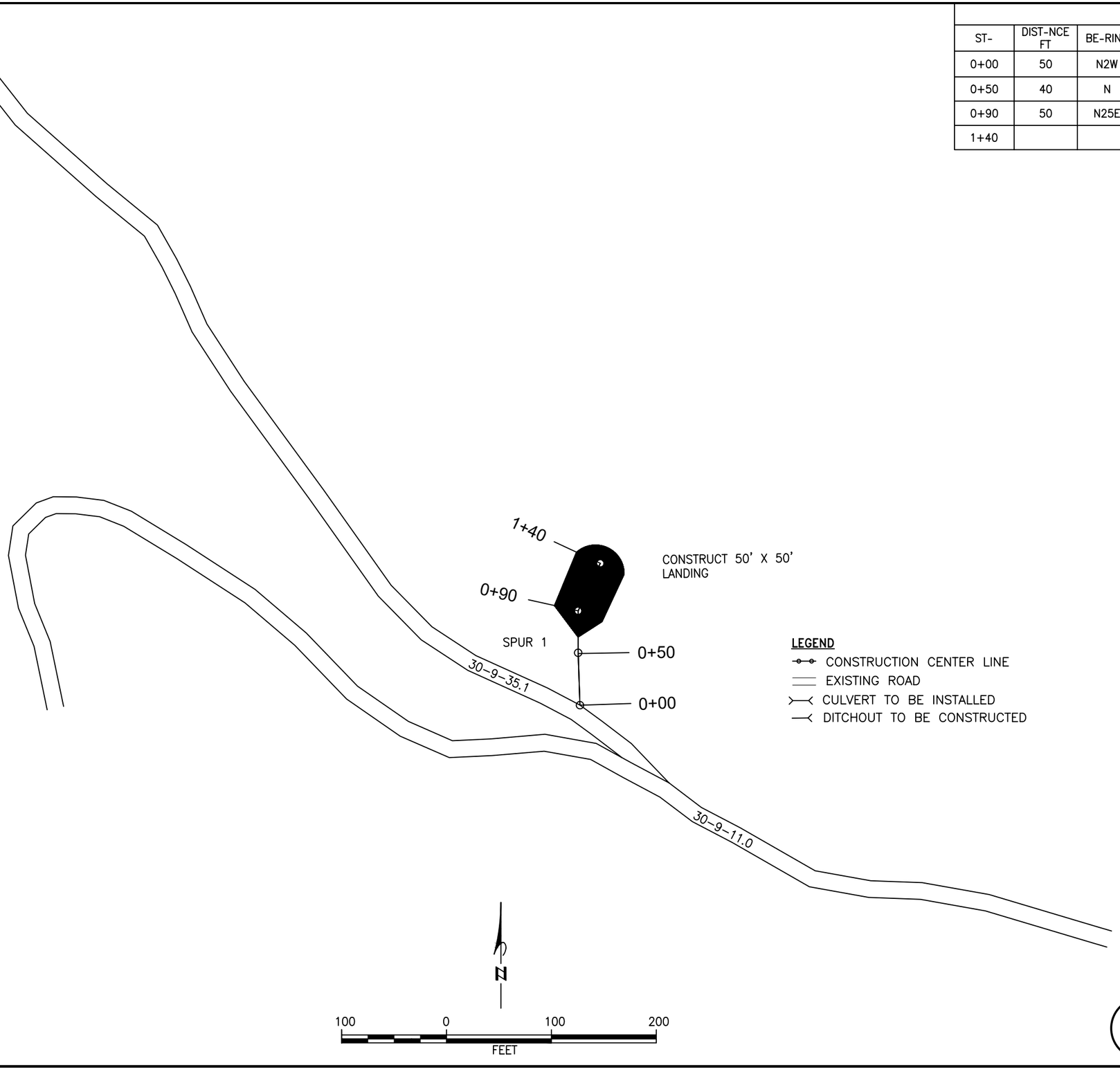
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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OREGON STATE OFFICE ROSEBURG DISTRICT

EAST DICE
RENOVATION NOTES

DESIGNED: J. HARDER	DATE: 6/10/2026
CONTRACT NO. ORR05-TS-2027.0002	SHEET 7 OF 12

SPUR 1 CONSTRUCTION				
ST-	DIST-NCE FT	BE-RING	% GR-DE	NOTES
0+00	50	N2W	-8	JUNCTION WITH RO-D NO. 30-9-35.1
0+50	40	N	-8	
0+90	50	N25E	-5	CONSTRUCT 50' X 50' L-NDING
1+40				



LEGEND

- CONSTRUCTION CENTER LINE
- EXISTING ROAD
- CULVERT TO BE INSTALLED
- DITCHOUT TO BE CONSTRUCTED

NOTES:

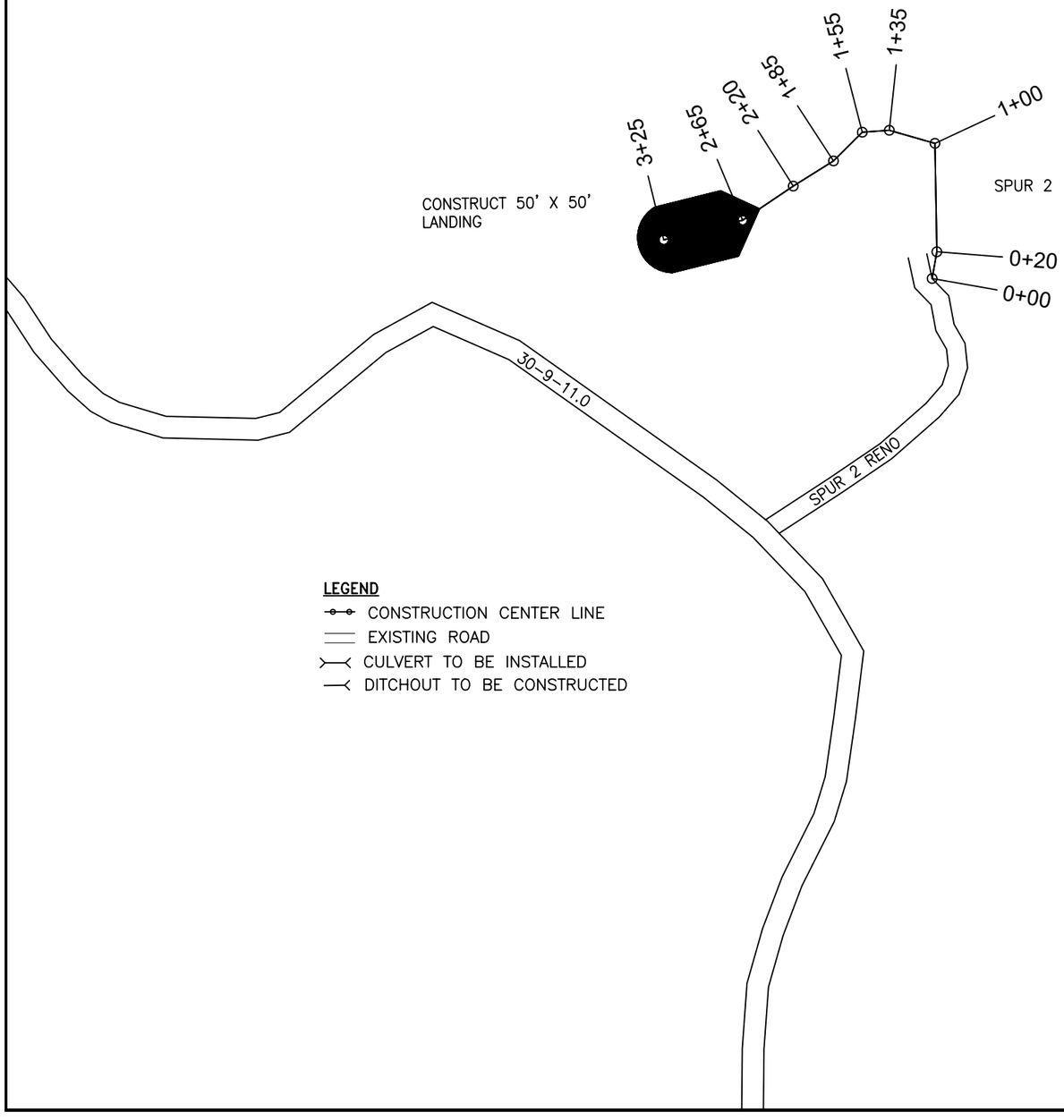
1. RIGHT OF W-Y WIDTH WILL BE 30' EITHER SIDE OF CENTERLINE, -ND IS M-RKED WITH FL-SHER T-GS.
2. CONSTRUCTION WILL H- E - 16' SUBGR-DE, CROWNED, 2' DITCH, -ND SURF-CED WITH 9" OF CRUSHED -GGREG-TE.
3. COURSES -RE TRUE BE-RINGS.

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BURE-U OF L-ND M-N-GEMENT
OREGON ST-TE OFFICE ROSEBURG DISTRICT

EAST DICE CONSTRUCTION PLANS

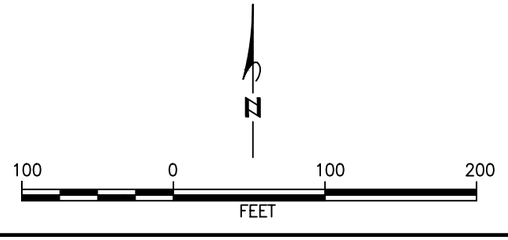
DESIGNED: J. H-RDER	D-TE: 6/10/2026
CONTR-CT NO. ORR05-TS-2027.0002	SHEET 8 OF 12



LEGEND

- CONSTRUCTION CENTER LINE
- EXISTING ROAD
- CULVERT TO BE INSTALLED
- DITCHOUT TO BE CONSTRUCTED

SPUR 3 CONSTRUCTION				
STA	DIST-NCE FT	BE-RING	% GRADE	NOTES
0+00	20	N10E	−10	JUNCTION WITH SPUR 2 RENOVATION
0+20	80	N1W	−11	
1+00	35	N74W	−7	
1+35	20	S86W	−6	
1+55	30	S45W	−4	
1+85	35	S58W	−3	
2+20	45	S56W	−3	
2+65	60	S76W	−4	
3+25				CONSTRUCT 50' X 50' L-NDING



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NOTES:

1. RIGHT OF W-Y WIDTH WILL BE 30' EITHER SIDE OF CENTERLINE, -ND IS M-RKED WITH FL-SHER T-GS.
2. CONSTRUCTION WILL H- E - 16' SUBGR-DE, CROWNED, 2' DITCH, -ND SURF-CED WITH 9" OF CRUSHED -GGREG-TE.
3. COURSES -RE TRUE BE-RINGS.

UNITED ST-TES DEP-RTMENT OF THE INTERIOR
BURE-U OF L-ND M-N-GEMENT
OREGON ST-TE OFFICE ROSEBURG DISTRICT

EAST DICE CONSTRUCTION PLANS

DESIGNED: J. H-RDER	D-TE: 6/10/2026
CONTR-CT NO. ORR05-TS-2027.0002	SHEET 9 OF 12

CULVERT LIST

CULVERT LOCATIONS									DOWNSPOUT (NOTE 4)					REMARKS (NOTE 6)
DESIGNED (NOTE 2)						AS BUILT								
ROAD NO. STATION OR M.P.	MATERIAL (NOTE 7)	SIZE (IN)	LENGTH (FT)	SKEW ANGLE	INSTALL TYPE (NOTE 3)	ROAD NO. STATION OR M.P.	SIZE	LENGTH	MATERIAL	TYPE	SIZE (IN)	LENGTH (FT)	ELBOW TYPE (NOTE 5)	
31-9-1.6														
STA 0+00	*	18"	40	90°	TYPE 2									INSTALL IN EXISTING DITCH FOR ROAD NO. 31-9-1.0
STA 6+50	*	18"	40	30°	TYPE 2									CROSS DRAIN
30-9-1.7														
STA 0+00	*	18"	40	90°	TYPE 2									INSTALL IN DITCH FOR ROAD NO. 31-9-1.6

* MATERIAL TYPE: HI-DENSITY POLYETHYLENE OR ALUMINIZED

NOTES:

1. DESIGNED CULVERT LENGTHS AND LOCATIONS ARE APPROXIMATE.
2. ALL CULVERTS HAVE 2 2/3" X 1/2" CORRUGATIONS UNLESS OTHERWISE SPECIFIED.
3. SEE CULVERT INSTALLATION SHEET.
4. DOWN SPOUT TYPES:
   a. FULL
   b. HALF
   c. FLUME
5. ELBOW TYPES:
   a. CONVENTIONAL OR FABRICATED
   b. TURNER TYPE
   c. SLIP JOINT
6. INCLUDE SPECIAL SECTIONS, STRUCTURES, HEADWALLS, FOOTINGS, AND OTHER DATA.
7. MATERIAL TYPES
   HDPE = HIGH-DENSITY POLYETHYLENE
   CMP = CORRUGATED METAL PIPE (STEEL OR ALUMINUM)

ROUND PIPE CULVERT		
MATERIAL	SIZE	LENGTH
*	18"	120'

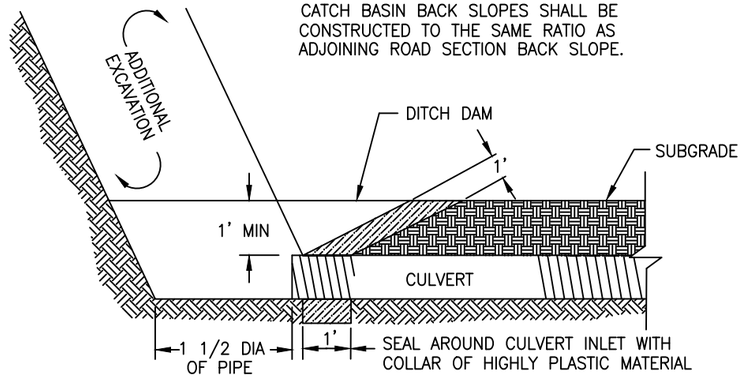
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UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OREGON STATE OFFICE ROSEBURG DISTRICT

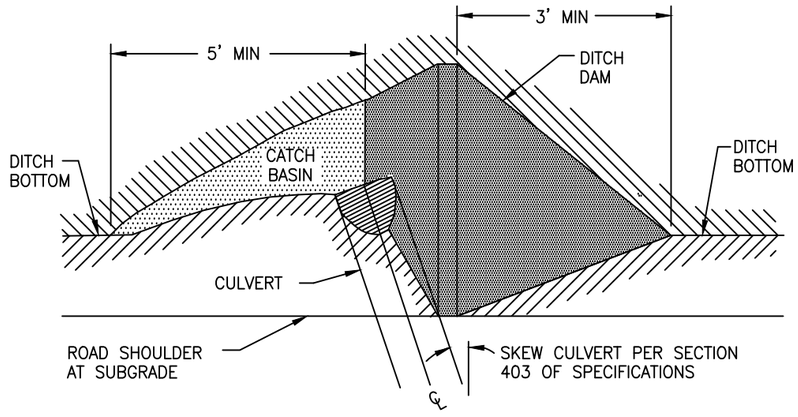
EAST DICE CULVERT SUMMARY

DESIGNED: J. HARDER | DATE: 6/10/2026

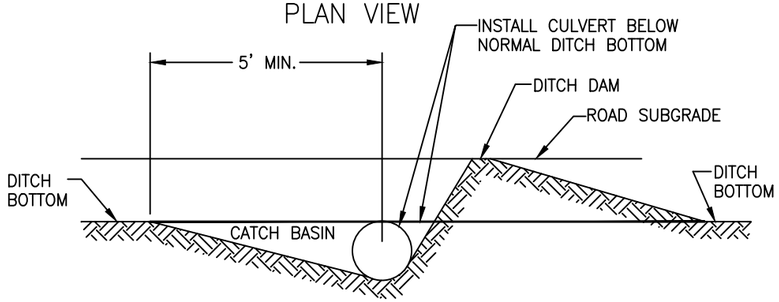
CONTRACT NO. ORR05-TS-2027.0002 | SHEET 10 OF 12



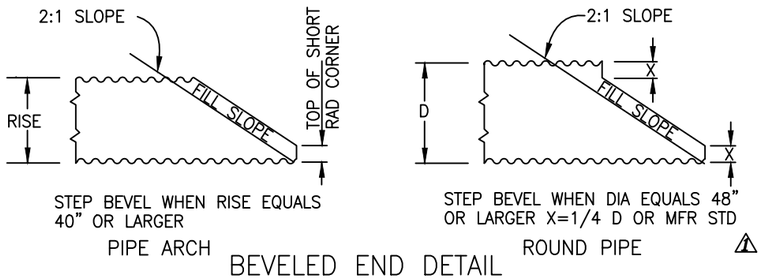
CROSS SECTION AT CATCH BASIN
CULVERT INSTLATION TYPE 2, 3, AND 4



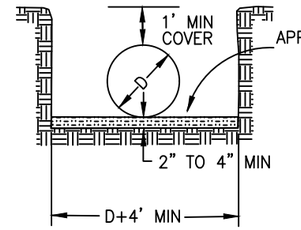
PLAN VIEW



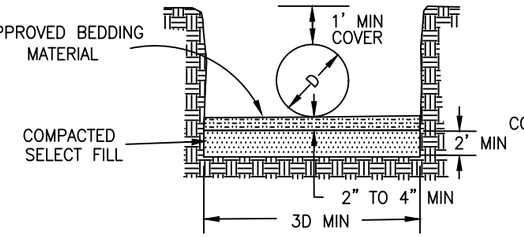
CATCH BASIN ELEVATION



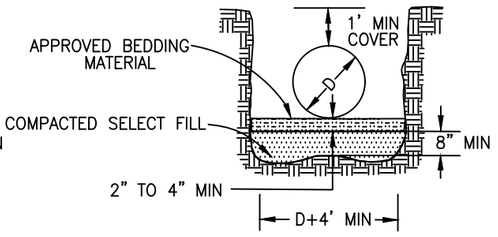
BEVELED END DETAIL



BEDDING OF CULVERTS ON STABLE NATURAL GROUND FOUNDATION



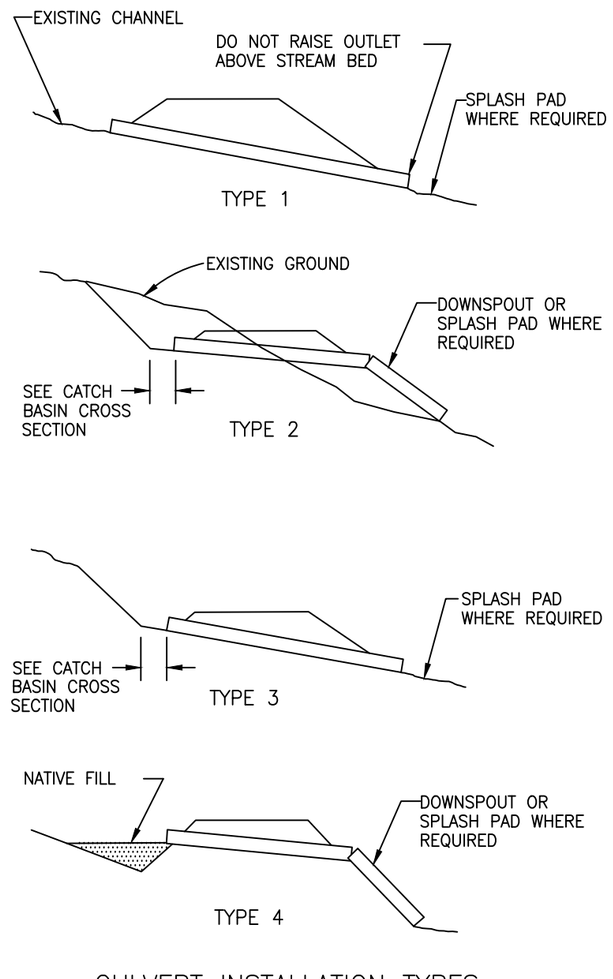
BEDDING OF CULVERTS ON SOFT SPONGY, UNSTABLE SOIL FOUNDATION OR COMPACTED EMBANKMENT



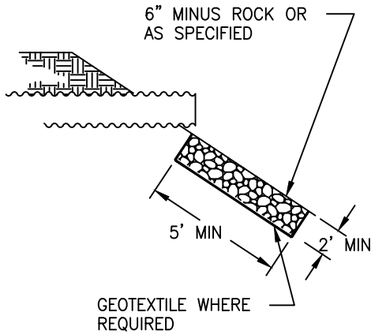
BEDDING OF CULVERTS IN SOLID ROCK OR BOULDER FOUNDATION

NOTES:
1. BEDDING MATERIAL SHALL BE PLACED LOOSE AND SHAPED TO FIT THE BOTTOM OF THE CULVERT
2. BACKFILL IN ACCORDANCE WITH SECTION 417 OF SPECIFICATIONS
3. MAINTAIN 8" MIN DEPTH BETWEEN HIGH POINT OF ROCK AND/OR BOULDERS AND THE BOTTOM OF THE CULVERT BEDDING

BEDDING OF CULVERTS

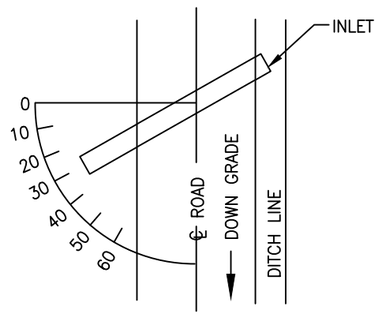


CULVERT INSTALLATION TYPES



SPLASH PAD SHALL BE 1' WIDER THAN PIPE DIA ON EACH SIDE

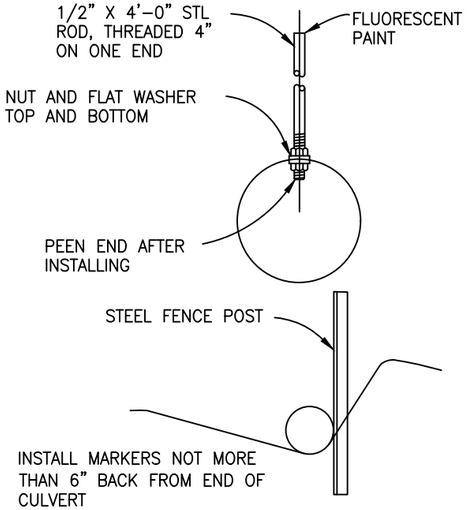
SPLASH PAD



THE GRADE OF CROSS DRAINS SHALL BE AT LEAST 2% GREATER THAN THE GRADE OF THE DITCH

SKEW DIAGRAM

ALWAYS THINK SAFETY



CULVERT MARKER INSTALLATION

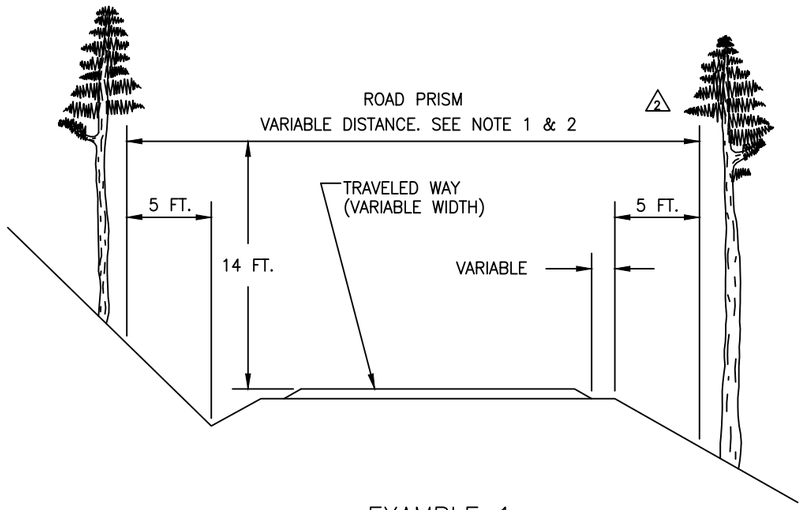
UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OREGON STATE OFFICE ROSEBURG DISTRICT

EAST DICE CULVERT INSTALLATIONS

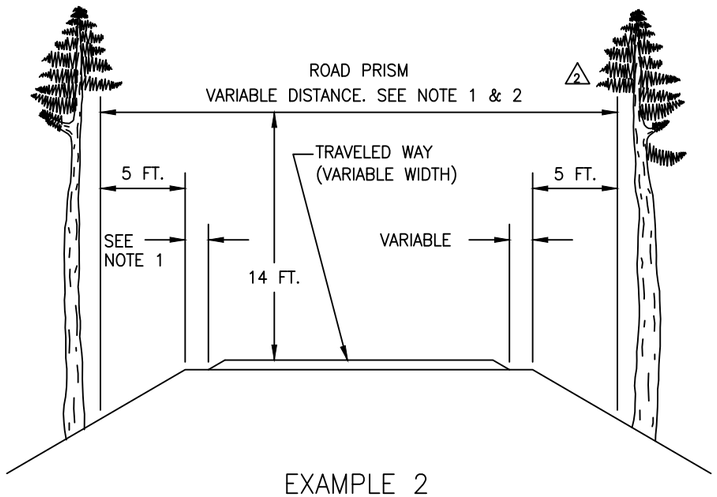
DESIGNED: J. HARDER	DATE: 6/10/2026
CONTRACT NO. ORR05-TS-2027.0002	SHEET 11 OF 12

NOTE:

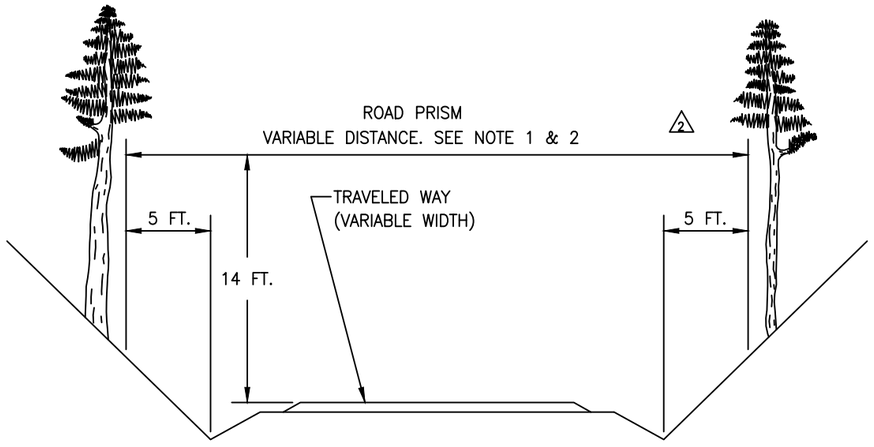
1. ALL AREAS WITHIN THE VARIABLE DISTANCE SHALL BE CLEARED OF VEGETATION.
2. ALL AREAS WITHIN THE VARIABLE DISTANCE SHALL BE FREE OF ALL OVERHANGING LIMBS AND BRANCHES WITHIN 14 FEET ELEVATION ABOVE RUNNING SURFACE. (2)



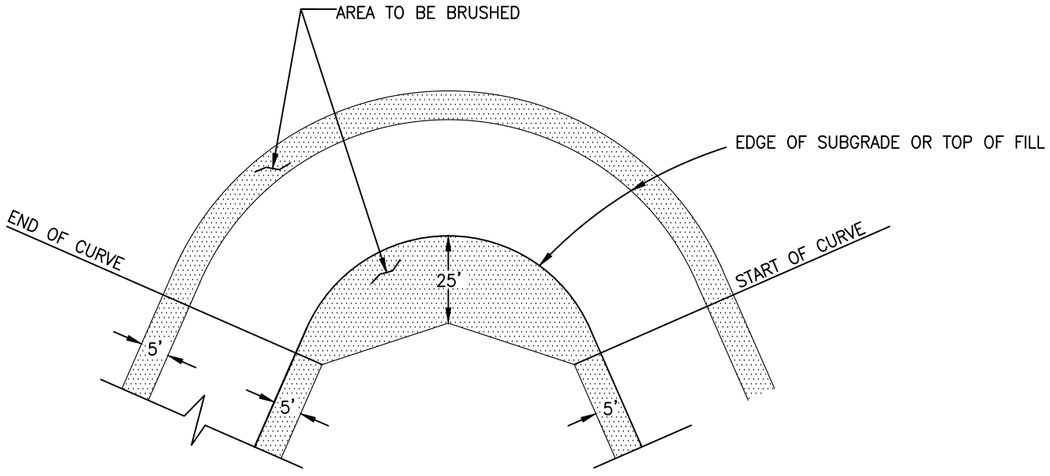
EXAMPLE 1



EXAMPLE 2



EXAMPLE 3



CURVE

ALWAYS THINK SAFETY

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT OREGON STATE OFFICE ROSEBURG DISTRICT	
EAST DICE BRUSHING DETAIL	
DESIGNED: J. HARDER	DATE: 6/10/2026
CONTRACT NO. ORR05-TS-2027.0002	SHEET 12 OF 12