

PROSPECTUS

SCALE SALE

LOCKED GATE

Sale Date: November 17, 2015

Roseburg Sale No.: ORR05-TS-2016.0008
Douglas County, Oregon: O&C, PD: Oral Auction

Sale Name: Smokey Stouts Suppression Deck Removal
Bid Deposit Required: \$12,100.00

All timber designated for cutting on:

Lots 3, 4, 5 and 6, NE $\frac{1}{4}$ SW $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$	Sec. 31,	T. 30 S.,	R. 2 W.,	Willamette Meridian
NE $\frac{1}{4}$ SW $\frac{1}{4}$	Sec. 34	T. 30 S.,	R. 3 W.,	Willamette Meridian
Lots 1, 2, 4, 6, 7, 8, 9, 10 and 11, NE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	Sec. 1,	T. 31 S.,	R. 3 W.,	Willamette Meridian
Lots 4, 5 and 11, NE $\frac{1}{4}$ SW $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$	Sec. 3,	T. 31 S.,	R. 3 W.,	Willamette Meridian
W $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$	Sec. 10,	T. 31 S.,	R. 3 W.,	Willamette Meridian
SW $\frac{1}{4}$ NW $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$	Sec. 11	T. 31 S.,	R. 3 W.,	Willamette Meridian
NW $\frac{1}{4}$ NE $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$	Sec. 12	T. 31 S.,	R. 3 W.,	Willamette Meridian
N $\frac{1}{2}$ NW $\frac{1}{4}$	Sec. 13	T. 31 S.,	R. 3 W.,	Willamette Meridian
NE $\frac{1}{4}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, S $\frac{1}{2}$ SE $\frac{1}{4}$	Sec. 15	T. 31 S.,	R. 3 W.,	Willamette Meridian
SE $\frac{1}{4}$ SE $\frac{1}{4}$	Sec. 17	T. 31 S.,	R. 3 W.,	Willamette Meridian
SE $\frac{1}{4}$ NW $\frac{1}{4}$	Sec. 20	T. 31 S.,	R. 3 W.,	Willamette Meridian
NW $\frac{1}{4}$ NE $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$	Sec. 23	T. 31 S.,	R. 3 W.,	Willamette Meridian
SW $\frac{1}{4}$ NW $\frac{1}{4}$	Sec. 25	T. 31 S.,	R. 3 W.,	Willamette Meridian
NE $\frac{1}{4}$ NE $\frac{1}{4}$	Sec. 26	T. 31 S.,	R. 3 W.,	Willamette Meridian

Est. Vol. MBF 32' Log	Species	Est. Vol. MBF 16' Log	Appraised Price Per MBF	Est. Volume Times Appraised Price
404	Douglas-fir	488	\$219.40	\$107,067.20
52	Incense-cedar	64	\$147.80	\$9,459.20
17	Ponderosa Pine	20	\$75.40	\$1,508.00
15	Grand Fir	18	\$102.60	\$1,846.80
7	Western Hemlock	9	\$73.20	\$658.80
1	Sugar Pine	1	\$88.40	\$88.40
496		600		\$120,628.40

THE VOLUMES LISTED herein are based on ocular estimates and comparable sales, 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. Total quantity of timber actually cut or removed or designated for taking will be determined by scale.

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.

CUTTING AREA: This sale consists of an area of approximately 12 acres. Timber to be removed consists of log decks and individual logs and felled trees marked for cutting with yellow paint along identified roads in the Harvest Areas. See Exhibit A for details.

ACCESS: Access to the sale area is provided by Government, County, and privately controlled roads. Road use fees are approximated based on volumes determined in Exhibit B of this contract and on mileage of roads used. Final fees will be determined after all merchantable timber has been cut and scaled, as determined by the Authorized Officer.

- A road use fee of \$1,788.14 will be required to be paid to Roseburg Resources Company.

LOCKED GATE: There are locked gates to access portions of the contract area. See BLM receptionist for key.

DIRECTIONS TO SALE AREA: From Canyonville take the County Road 1, Tiller Trail Highway, east to Milo, turn right on Road No. 30-3-34.0, Stouts Creek, refer to Exhibits A and D for further details.

From Azalea take County Road 36, Upper Cow Creek Road, east approximately 13 miles, turn left on Road No. 31-3-32.1, refer to Exhibits A and D for further details.

From Azalea take County Road 36, Upper Cow Creek Road, east approximately 15 miles, turn left on USFS Road Number 3220, French Creek Road, refer to Exhibits A and D for further details.

ROAD MAINTENANCE: Rockwear and maintenance fees due are approximated based upon volumes determined in Exhibit B of this contract and mileage of roads used. Final fees will be determined after all merchantable timber has been cut and scaled, as determined by the Authorized Officer.

- Rockwear and maintenance fees of \$1,778.45 will be required to be paid to the Roseburg BLM.
- Maintenance fees of \$218.95 will be required to be paid to the Medford BLM.
- Rockwear and maintenance fees of \$1,831.76 will be required to be paid to Roseburg Resources Company.
- Rockwear fees of \$60.26 will be required to be paid to US Forest Service.
- Rockwear and maintenance fees of \$132.32 will be required to be paid to Plum Creek Timber Company.

DURATION OF CONTRACT will be 3 months for cutting and removal of timber. The contract will contain SPECIAL PROVISIONS regarding: logging, environmental protection, road use, road maintenance, fire protection, slash disposal and log exporting. Log scaling is required under the terms of this contract. See Exhibit B for details.

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. A revised Special Provision has been added to the contract which enables the Contracting Officer to suspend the contract to facilitate protection of certain plant or animal species, and /or to modify or terminate the contract when necessary to: (1) Comply with the Endangered Species Act, or; (2) Comply with a court order, or; (3) Protect species which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP.

This contract provision limits the liability of the Government to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area.
2. This is a scale for payment sale; please refer to the Exhibit B of the contract for specific requirements such as log branding on all logs, and hauling restrictions.
3. Trees designated for sale have been felled and are in decks or alongside roads.
4. The Purchaser will be required to label with a permanent ink marker each load ticket with the corresponding Road No. and Section that the logs originated from, as shown on Exhibit A and as directed by the Authorized Officer.
5. License Agreements with Plum Creek Timberlands, L.P., Roseburg Resource Co. and USFS are required.
6. Sediment control measures are required as shown on Exhibit C. The sediment control measures shall be completed in strict accordance with the with the plans and specifications shown on Exhibit C and completed and accepted, in accordance with Section 18, prior to the removal of any timber from the contract area.
7. Timber haul on Road No. 31-3-19.1B may be restricted during periods of heavy precipitation, as directed by the Authorized Officer.

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 41. 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 in the Reserve Areas, except log decks and individual logs and felled trees marked for removal with yellow paint along identified roads in the Harvest Areas as shown in Exhibit A. Standing trees which pose a hazard to operations may be felled with the approval of the Authorized Officer.
- (b) Approximately eight (8) orange-painted logs in the log deck located in the rock stockpile site at the junction of Roads No.30-3-34.0 and 31-3-3.1, shown on Exhibit A.
- (c) All existing coarse woody debris (logs and snags) classified as decay Classes 3, 4, and 5, (having bark substantially sloughed off and in advanced stages of decay), within 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.

Section 42. The Purchaser shall comply with the special provisions which are attached hereto and made a part hereof, unless otherwise authorized in writing by the Authorized Officer.

Section 42(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 date 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) 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.
- (4) During logging operations, the Purchaser shall keep roads where they pass through the Contract Area clear of trees, rock, dirt and other debris so far as is practicable. The roads shall not be blocked by such operations for more than thirty (30) minutes unless otherwise approved by the Authorized Officer.
- (5) The Purchaser will be required to label with a permanent ink marker each load ticket with the corresponding Road Number and Section that the logs originated from, as shown on Exhibit A, as directed by the Authorized Officer.
- (6) The Purchaser shall brand clearly and legibly one end of all logs prior to the removal of timber from the Contract Area. One end of all branded logs to be processed domestically will be marked with a spot of highway yellow paint, unless otherwise directed in writing by the Authorized Officer.
- (7) The Purchaser shall not haul logs from the contract area on weekends; Thanksgiving, Christmas, and New Year's holidays; or outside the hours of 4:00 a.m. to 8:00 p.m. daily, unless otherwise approved in writing by the Authorized Officer.
- (8) Use of a rubber-tired loader is recommended on all rocky roads in the Contract Area. If a tracked loader is used to load logs, Purchaser shall be responsible for maintenance of the loading site.

Section 42(B) 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 and crew transport, prior to initial move-in, to minimize the likelihood of spreading or introducing noxious weeds 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) The Purchaser shall immediately discontinue specified construction or timber harvesting operations upon written notice from the Contracting Officer that:
- (a) threatened or endangered plants or animals protected under the Endangered Species Act of 1973, as amended, may be affected by the operation, and a determination is made that consultation or reinitiation of consultation is required concerning the species prior to continuing operation, or;
 - (b) when, in order to comply with the Endangered Species Act, the Contracting Officer determines it may be necessary to modify or terminate the contract, or;
 - (c) federal proposed, federal candidate, Bureau sensitive or State listed species protected under BLM Manual 6840 - Special Status Species Management - have been identified, and a determination is made that continued operations would affect the species or its habitat, or;
 - (d) other active raptor nests have been discovered, and a determination is made that continued operations under this contract would adversely affect the present use of the discovered nesting area by the raptor, or;
 - (e) when, in order to comply with a court order which enjoins operations on the sale or otherwise requires the Bureau of Land Management to suspend operations, or;
 - (f) when, in order to comply with a court order, the Contracting Officer determines it may be necessary to modify or terminate the contract, or
 - (g) species have been discovered which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the Record of Decision (ROD) and Resource Management Plan (RMP), and the Contracting Officer determines that continued operations would affect the species or its habitat, or;
 - (h) when, in order to protect species which were identified for protection through survey and manage and/or protection buffer standards and guidelines established in the ROD and RMP, the Contracting Officer determines it may be necessary to modify or terminate the contract.

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

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

In the event of a suspension period or a combination of suspension periods that exceed a total of thirty (30) days, the First Installment held on deposit may be temporarily reduced upon the written request of the Purchaser. For the period of suspension extending beyond thirty (30) days, the First Installment on deposit may be reduced to five (5) percent of the First Installment amount listed in Section 3(b) of the contract. Any First Installment amount temporarily reduced may be refunded or transferred to another BLM contract at the request of the Purchaser. However, if the Purchaser has outstanding debt owing the United States, the Contracting Officer must first apply the amount of First Installment that could be refunded to the debt owed in accordance with the Debt Collection Improvement Act, as amended (31 USC 3710, *et seq.*). Upon Purchaser's receipt of a bill for collection and written notice from the Contracting Officer lifting the suspension, the Purchaser shall restore the First Installment to the full amount shown in Section 3(b) of the contract within fifteen (15) days after the bill for collection is issued, subject to Section 3(j) of the contract. The Purchaser shall not resume contract operations until the First Installment amount is fully restored.

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

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

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

In the event cutting and removal rights are terminated under this subsection, the Purchaser agrees that the liability of the United States shall be limited to the actual costs incurred by the Purchaser which have not been amortized by timber removed from the contract area. This calculation of

liability shall utilize actual Purchaser costs and Government estimates of timber volumes. At the Authorized Officer's request, the Purchaser agrees to provide documentation of the actual costs incurred in the performance of the contract. In addition, the Purchaser shall be released from the obligation to pay the contract price for any timber which is not authorized to be removed from the Contract Area.

The Purchaser specifically and expressly waives any right to claim damages, other than those described in the preceding paragraph, based on an alleged breach of any duty to the Purchaser, whether express or implied, in regard to the manner in which the Government defended the litigation which resulted in the court order affecting the operation of the contract. This waiver also extends to any claims based on effects on the operation of the contract that arise from litigation against another agency. Furthermore, the Purchaser specifically acknowledges and agrees that a court ruling that the Government violated the Administrative Procedures Act cannot be interpreted, in itself, to mean that the Government had not acted reasonably in regard to its duties to the Purchaser under this contract.

Section 42(C) Road Maintenance – Use:

- (1) 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 42(C)(2). The Purchaser shall pay current Bureau of Land Management maintenance and rockwear fees for the sale of additional timber under modification to the contract.
- (2) The Purchaser shall pay the Government a road maintenance and rockwear obligation estimated at One Thousand Seven Hundred Seventy-eight and 45/100 dollars (\$1,778.45) to the Roseburg District BLM, to be determined by log scale upon completion of haul, and Two Hundred Eighteen and 95/100 dollars (\$218.95) to Medford District BLM, to be determined by log scale upon completion of haul, for the transportation of timber included in the contract price over roads listed and shown on Exhibit D, which are under the jurisdiction of the Bureau of Land Management. This approximated maintenance fee due is based upon volumes determined pursuant to Exhibit B of this contract and mileage of roads used determined by the Authorized Officer. Unless the total maintenance amount is paid prior to commencement of operations on the Contract Area, payments shall be made in installments of not less than Five Hundred and 00/100 dollars (\$500.00) payable in the same manner as and together with payments required in Section 3 of this contract. If it is determined by the Authorized Officer, after all merchantable timber has been cut and scaled, that the total maintenance payments made under this contract exceed the total maintenance payments due, such excess shall be returned to the Purchaser after such determination is made.
- (3) Sediment control measures are required as shown on Exhibit C, which is attached hereto and made a part hereof. The sediment control measures shall be completed in strict accordance with the with the plans and specifications shown on Exhibit C and completed and accepted, in accordance with Section 18, prior to the removal of any timber from the Contract Area.
- (4) 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, which is attached hereto and made a part hereof.

- (5) 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.
- (6) In the use of Forest Service Road No. 3220, as shown on Exhibit D, the purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. R-724, dated May 20, 1980, between the Bureau of Land Management and the United States Forest Service. This document is available for inspection at the Bureau of Land Management, Roseburg District Office, 777 NW 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 obligation estimated at Sixty and 26/100 dollars (\$60.26), to be determined by log scale upon completion of haul.

IF OTHER THAN ROSEBURG RESOURCES COMPANY PURCHASES:

- (7) In the use of Roads No.30-3-34.0 Segments 2015 Bridge, A, B, C, N(imp) and O, No. 31-3-10.2 Segment A, No. 31-3-10.3 Segment B(Base), No. 31-3-15.3 Segment B, No. 31-3-2.1 Segment A, No. 31-3-20.2 Segment A, No. 31-3-20.3 Segment A, No. 31-3-29.0 Segments A1(Imp), A2(Imp), B, C(Imp), No. 31-3-31.1 Segment B (Imp), No. 31-3-3.1 Segments A(Base), B(Base), C1(Base) and No.31-3-4.0 Segment A(Base, Por), as shown on Exhibit D, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. R-851, dated July 13, 1967, between the United States of America and Roseburg Resources Company. This document is available for inspection at the Bureau of Land Management, Roseburg District Office, 777 NW 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 road use obligation estimated at One Thousand Seven Hundred Eighty-eight and 14/100 dollars (\$1,788.14).
- (c) Payment of a rockwear and maintenance obligation estimated at One Thousand Eight Hundred Thirty-one and 76/100 dollars (\$1,831.76).
- (d) 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 road use fees shall be considered a violation of this contract. The amount of unpaid fees shall be considered as the amount of damage suffered by the Government as a result of the violation of this provision.

IF ROSEBURG RESOURCES COMPANY PURCHASES:

- (7) In accordance with 43 CFR 2812.6-2(a)(5), the following allowances have been made for amortization on capital investment of the roads covered by Road Agreements No. R-851 with the Purchaser; One Thousand Seven Hundred Eighty-eight and 14/100 dollars (\$1,788.14) for Roads No. 30-3-34.0 Segment 2015 Bridge, No. 31-3-10.2 Segment A, No. 31-3-10.3 Segment B (Imp), No. 31-3-15.3 Segment B, No. 31-3-2.1 Segment A, No. 31-3-20.2 Segment A, No. 31-3-3.1 Segments B(Base) and C1(Base), and No.31-3-4.0 Segment A(Base, Por). It is understood that the purchase price stated in Sec. 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 PLUM CREEK TIMBERLANDS, L.P. PURCHASES:

- (8) In the use of Road No. 31-3-32.1 Segment A, as shown on Exhibit D, the Purchaser shall comply with the conditions of Right-of-Way and Road Use Agreement No. M-605, dated March 1, 1961, between the United States of America and Plum Creek Timberlands L.P. This document is available for inspection at the Bureau of Land Management, Roseburg District Office, 777 NW 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 maintenance and rockwear obligation estimated at One Hundred Thirty-two 32/100 (\$132.32) to be determined by log scale upon completion of haul.
- (c) Provide a performance bond in the amount of One Thousand and 00/100 dollars (\$1,000.00).
- (d) 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 road use fees shall be considered a violation of this contract. The amount of unpaid fees shall be considered as the amount of damage suffered by the Government as a result of the violation of this provision.

Section 42(D) 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 42(E) Slash Disposal:

- (1) 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) Prior to commencement of any operation under Section F (Slash Disposal) of this contract, a slash disposal prework conference between the Purchaser's representative and the Authorized Officer must be held at a location designated by the Authorized Officer. All slash disposal shall be done in accordance with the plans developed at the prework conference.
- (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 Purchaser's operations under the terms of this contract.
- (c) Machine pile all slash created by operations. Piling is to be completed within thirty (30) days of the completion of operations. Piles are to be tight and free of dirt.
- (d) Cover each pile with a minimum ten (10) foot by ten (10) foot sheet of four (4) mil. black plastic, unless otherwise directed by the Authorized Officer, to meet ignition and combustion needs. The cover shall be firmly fixed or weighed down to hold in place. Covering shall be done concurrently with piling.
- (e) No pile shall be located within (10) feet of any snag, large downed log, or reserve tree, unless approved by the Authorized Officer.

Section 42(F) Log Exports:

- (1) All timber sold to the Purchaser under the terms of this contract, except exempted species, is restricted from export from the United States in the form of unprocessed timber, and is prohibited from being used as a substitute for exported private timber. For the purpose of this contract, unprocessed timber is defined as: (1) any logs except those of utility grade or below, such as sawlogs, peeler logs and pulp logs; (2) cants or squares to be subsequently remanufactured exceeding eight and three-quarters (8¾) inches in thickness; (3) split or round bolts or other roundwood not processed to standards and specifications suitable for end-product uses; or (4) western red cedar lumber which does not meet lumber of American Lumber Standards Grades of Number 3 dimension or better, or Pacific Lumber Inspection Bureau R-List Grades of Number 3 Common or better. Thus, timber manufactured into the following will be considered processed: (1) lumber and construction timber, regardless of size, manufactured to standards and specifications suitable for end-product uses; (2) chips, pulp, and pulp products; (3) green or dry veneer and plywood; (4) poles and piling cut or treated for use as such; (5) cants, squares, and lumber cut for remanufacturing of eight and three-quarters (8¾) inches in thickness or less; (6) shakes and shingles.

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

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

- (a) Date of last export sale.
- (b) Volume of timber contained in last export sale.
- (c) Volume of timber exported in the past twelve (12) months from the date of last export sale.
- (d) Volume of Federal timber purchased in the past twelve (12) months from the date of last export sale.

- (e) Volume of timber exported in succeeding twelve (12) months from date of last export sale.
- (f) Volume of Federal timber purchased in succeeding twelve (12) months from date of last export sale.

In the event the Purchaser elects to sell any or all of the timber sold under this contract in the form of unprocessed timber, the Purchaser shall require each party buying, exchanging, or receiving such timber to execute a Form 5460-16 (Certificate as to No substitution and the Domestic Processing of Timber). The original of such certification shall be filed with the Authorized Officer. Additionally, when the other party is an affiliate of the Purchaser, the Purchaser will be required to update information under item (2) of Form 5450-17 (Export Determination) and file the form with the Authorized Officer.

In the event an affiliate of the Purchaser has exported private timber within twelve (12) months prior to purchasing or otherwise acquiring Federal timber sold under this contract, the Purchaser shall, upon request, obtain from the affiliate information in a form specified by the Authorized Officer and furnish the information to the Authorized Officer.

Prior to the termination of this contract, the Purchaser shall submit to the Authorized Officer Form 5460-15 (Log Scale and Disposition of Timber Removed Report) which shall be executed by the Purchaser. In addition, the Purchaser is required under the terms of this contract to retain for a three-year period from the date of termination of the contract the records of all sales or transfer of logs involving timber from the sale for inspection and use of the Bureau of Land Management.

Unless otherwise authorized in writing by the Authorized Officer, the Purchaser shall brand clearly and legibly one end of all logs prior to the removal of timber from the contract area. One end of all branded logs to be processed domestically will be marked with a 3 square inch spot of highway yellow paint. The Purchaser will stop trucks for accountability monitoring at mutually agreed upon locations when notified by the Authorized Officer.

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

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0113
Expires: July 31, 1992

☒ **TIMBER***
DEPOSIT AND BID FOR ☐ **VEGETATIVE RESOURCE**
(Other Than Timber)

SCALE SALE

Tract Number
(1) 2016.0008
Sale Name
Smokey Stouts Suppression Deck Removal
Sale Notice (dated)
October 27, 2015 (Sale date 11/17/15)
BLM District
Roseburg

☐ Sealed Bid for Sealed Bid Sale ☒ Written Bid for Oral Auction Sale

In response to the above dated Sale Notice, the required deposit and bid are hereby submitted for the purchase of designated timber/vegetative resource on the tract specified above.

Required bid deposited is \$ **12,100.00** and is enclosed in for form of ☐ cash ☐ money order ☐ bank draft
☐ cashier's check ☐ certified check ☐ 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. It is understood that no bid for less than the appraised price on a unit basis per species will be considered. If the bid is rejected the deposit will be returned.

BID SCHEDULE – SCALE SALE

NOTE: Bidders should carefully check computations in completing the Bid Schedule

		BID SUBMITTED		(Est. Volume MBF 16' Log)		ORAL BID MADE	
PRODUCT SPECIES	UNIT	ESTIMATED VOLUME OR QUANTITY		UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE
Douglas-fir	MBF	488	x		=	x	
Incense-cedar	MBF	64	x		=	x	
Ponderosa Pine	MBF	20	x		=	x	
Grand Fir	MBF	18	x		=	x	
Western Hemlock	MBF	9	x		=	x	
	MBF	1	x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
Totals	MBF	600	x		=	x	
TOTAL PURCHASE PRICE							

(Continued on reverse)

If sale contract is executed, undersigned is liable for total purchase price even though the quantity cut, removed, or designated for taking is more or less than the total estimated volume or quantity shown above. Undersigned certifies bid was arrived at by bidder or offeror independently, and was tendered without collusion with any other bidder or offeror. In submitting or confirming this bid, undersigned agrees to the foregoing provisions, applicable regulations, and certifies that he is authorized to act as, or on behalf of, the bidder.

Bid submitted on *(date)*

(Check appropriate box, sign in ink, and complete the following)

<input type="checkbox"/> Signature, if firm is individually owned	Name of firm <i>(type or print)</i>
<input type="checkbox"/> Signatures, if firm is a partnership	Business address, include zip code <i>(type or print)</i>
<input type="checkbox"/> Corporation organized under the state laws of	<i>(To be completed following oral bidding)</i>
Signature of Authorized Corporate Signing Officer	I HEREBY confirm the above oral bid By <i>(signature)</i>
Title	Date
Submit bid, in <i>duplicate</i> , to qualify for either an oral auction or sealed bid sale together with the required bid deposit made payable to the Department of the Interior—BLM.	Sealed Bid — Send to District Manager, who issued the sale notice, in a sealed envelope marked on the outside: (1) "Bid for Timber" (2) Vegetative Resource Other Than Timber (3) Time bids are to be opened (4) Legal description
Oral Auction — Submit to Sales Supervisor prior to closing of qualifying period for tract.	

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et. seq.) requires us to inform you that:

This information is being collected to obtain data relevant to the operation of this timber sale contract.

This information will be used to administer our timber sale program.

Response to this request is required to obtain a benefit.

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 38 FR 6280 and 43 CFR 5442.1

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

ROUTINE USE: 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 timer or vegetative resources.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 1 hr. 15 min. per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W. Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0113), Washington, D.C. 20503.

INSTRUCTIONS TO BIDDERS

1. **AUTHORITY** — Timber 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. 1181a); timber located on other lands and other vegetative resources on all 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 are codified in 43 CFR Group 5400.

2. **QUALIFICATIONS OF BIDDERS** — A bidder for sale of timber/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/vegetative resource is located.

3. **INSPECTION OF TIMBER/VEGETATIVE RESOURCES** — Bidder is invited, urged, and cautioned to inspect the timber/vegetative resource prior to submitting a bid. By executing the timber/vegetative resource sale contract, bidder warrants that the contract is accepted on the basis of his examination and inspection of the timber/vegetative resource and his opinion of its value.

4. **DISCLAIMER OF WARRANTY** — Government expressly disclaims any warranty of the fitness of the designated timber/vegetative resource for any purpose of the bidder; all timber/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/vegetative resource to be sold is expressly disclaimed by Government.

5. **BIDS** — Sealed or written bids for not less than the advertised appraised price, per timber/vegetative resource must be submitted in duplicate to the District Manager who issued *Timber/Vegetative Resource Sale Notice*.

(a) **Sealed Bid Sales** — Bids will be received until time for opening which is set out in the Notice. Enclose both copies of bid with required bid deposit in a sealed envelope marked on the outside *Bid for Timber/Vegetative Resource*, time bid is to be opened, tract number, and legal description of land on which timber/vegetative resource is located. In event of a tie, the high bidder shall be determined by lot from among those who submitted the tie bids.

(b) **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 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 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/vegetative resource 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) **Lump Sum Sales** — Bids shall specify (1) Bureau of Land Management estimated volume, (2) price per unit, and (3) total purchase price. Estimated volume and price per unit are to be used for administrative and appraisal purposes only. Upon award of contract, high bidder shall be liable for total purchase price, including any adjustment which may be made as a result of reappraisal if an extension of time is granted, even though quantity of timber/vegetative resource actually cut, removed, or designated for taking is more or less than the estimated volume or quantity listed.

(b) **Timber Scale Sales** — Bids must state price per thousand board feet that will be paid for each species. High bidder will be determined by multiplying bid price per thousand board feet per species by Bureau of Land Management estimate of volume of each species. Purchaser shall be liable for purchase price of all merchantable timber sold under contract even though all such timber is not actually cut and removed prior to expiration of time for cutting and removal as specified in contract.*

*Applies to Timber Only

7. **BID DEPOSIT** — All bidders must make a deposit of not less than the amount specified in the *Timber/Vegetative Resource 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*, or any approved guaranteed remittance approved by the Authorized Officer. Upon conclusion of bidding, the bid deposit of all bidders, except high bidder, will be returned. The cash deposit of the successful bidder may be applied toward the required sale deposit and/or the purchase price. Cash not applied to the sale deposit or the purchase price, or a corporate surety bid bond, will be returned at the time the contract is signed by the Government.

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 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.

9. **TIMBER/VEGETATIVE RESOURCE SALE CONTRACT** — To be executed by purchaser, has been prepared by Government, and may be examined in the District Manager's office.

10. PERFORMANCE BOND —

(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 Authorized Officer.

(b) If purchaser elects to cut timber 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 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 covered by the bond increase. This increased amount of bond shall be used to assure payment for timber cut in advance of payment.*

11. **PAYMENT BOND** — If purchaser elects to (a) cut and remove timber, or (b) remove timber 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 covered by the bond. Payment bond shall be used to assure payment for timber 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/vegetative resource 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/Vegetative Resource 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 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/vegetative resource, 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 has failed to make satisfactory arrangements for payment of damages resulting from unauthorized use of, or injury to, property of the United States.

16. **EQUAL OPPORTUNITY CLAUSE** — This contract is subject to the provisions of Executive Order No. 11246 of September 24, 1965, as amended, which sets forth the nondiscrimination clauses. Copies of this order may be obtained from the District Manager. 43 CFR 60-1.7(b) requires that the Equal Opportunity *Compliance Report Certification* will be completed by prospective contractors. Certification may be obtained from District Manager.

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 cannot be used as a substitute for exported private timber. For the purpose of this contract, unprocessed timber is defined as: (1) any logs except those of utility grade or below, such as sawlogs, peeler logs, and pulp logs; (2) cants or squares to be subsequently remanufactured exceeding eight and three quarters (8-3/4) inches in thickness; (3) split or round bolts or other roundwood not processed to standards 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 dimension or better, or Pacific Lumber Inspection Bureau R-List Grades of Num-

ber 3 common or better. Timber manufactured into the following will be considered processed: (1) lumber and construction timbers, regardless of size, manufactured to standards and specifications suitable for end product uses; (2) chips, pulp and pulp products; (3) green or dry veneer and plywood; (4) poles and piling cut or treated for use as such; (5) cants, squares, and lumber cut for remanufacture of eight and three quarters (8-3/4) inches in thickness or less; or (6) shakes and shingles. In event purchaser wishes to sell any or all of timber restricted from export in the form of unprocessed timber, the buyer, exchanges, or recipient shall be required to comply with contractual provisions relating to "unprocessed timber." Special reporting, branding and painting of logs may be included in contract provisions.*

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0113
Expires: July 31, 1992

☒ **TIMBER***
DEPOSIT AND BID FOR ☐ **VEGETATIVE RESOURCE**
(Other Than Timber)

SCALE SALE

Tract Number
(1) 2016.0008
Sale Name
Smokey Stouts Suppression Deck Removal
Sale Notice (dated)
October 27, 2015 (Sale date 11/17/15)
BLM District
Roseburg

☐ Sealed Bid for Sealed Bid Sale

☒ Written Bid for Oral Auction Sale

In response to the above dated Sale Notice, the required deposit and bid are hereby submitted for the purchase of designated timber/vegetative resource on the tract specified above.

Required bid deposited is \$ **12,100.00** and is enclosed in for form of ☐ cash ☐ money order ☐ bank draft

☐ cashier's check ☐ certified check ☐ 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. It is understood that no bid for less than the appraised price on a unit basis per species will be considered. If the bid is rejected the deposit will be returned.

BID SCHEDULE – SCALE SALE

NOTE: Bidders should carefully check computations in completing the Bid Schedule

		BID SUBMITTED		(Est. Volume MBF 16' Log)		ORAL BID MADE	
PRODUCT SPECIES	UNIT	ESTIMATED VOLUME OR QUANTITY		UNIT PRICE	TOTAL VALUE	UNIT PRICE	TOTAL VALUE
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	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
	MBF		x		=	x	
Totals	MBF	600	x		=	x	
TOTAL PURCHASE PRICE							

(Continued on reverse)

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Bid submitted on *(date)*

(Check appropriate box, sign in ink, and complete the following)

<input type="checkbox"/> Signature, if firm is individually owned	Name of firm <i>(type or print)</i>
<input type="checkbox"/> Signatures, if firm is a partnership	Business address, include zip code <i>(type or print)</i>
<input type="checkbox"/> Corporation organized under the state laws of	<i>(To be completed following oral bidding)</i>
Signature of Authorized Corporate Signing Officer	I HEREBY confirm the above oral bid By <i>(signature)</i>
Title	Date
Submit bid, in <i>duplicate</i> , to qualify for either an oral auction or sealed bid sale together with the required bid deposit made payable to the Department of the Interior—BLM.	Sealed Bid — Send to District Manager, who issued the sale notice, in a sealed envelope marked on the outside: (1) "Bid for Timber" (2) Vegetative Resource Other Than Timber (3) Time bids are to be opened (4) Legal description
Oral Auction — Submit to Sales Supervisor prior to closing of qualifying period for tract.	

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INSTRUCTIONS TO BIDDERS

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2. **QUALIFICATIONS OF BIDDERS** — A bidder for sale of timber/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/vegetative resource is located.

3. **INSPECTION OF TIMBER/VEGETATIVE RESOURCES** — Bidder is invited, urged, and cautioned to inspect the timber/vegetative resource prior to submitting a bid. By executing the timber/vegetative resource sale contract, bidder warrants that the contract is accepted on the basis of his examination and inspection of the timber/vegetative resource and his opinion of its value.

4. **DISCLAIMER OF WARRANTY** — Government expressly disclaims any warranty of the fitness of the designated timber/vegetative resource for any purpose of the bidder; all timber/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/vegetative resource to be sold is expressly disclaimed by Government.

5. **BIDS** — Sealed or written bids for not less than the advertised appraised price, per timber/vegetative resource must be submitted in duplicate to the District Manager who issued *Timber/Vegetative Resource Sale Notice*.

(a) **Sealed Bid Sales** — Bids will be received until time for opening which is set out in the Notice. Enclose both copies of bid with required bid deposit in a sealed envelope marked on the outside *Bid for Timber/Vegetative Resource*, time bid is to be opened, tract number, and legal description of land on which timber/vegetative resource is located. In event of a tie, the high bidder shall be determined by lot from among those who submitted the tie bids.

(b) **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 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 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/vegetative resource 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) **Lump Sum Sales** — Bids shall specify (1) Bureau of Land Management estimated volume, (2) price per unit, and (3) total purchase price. Estimated volume and price per unit are to be used for administrative and appraisal purposes only. Upon award of contract, high bidder shall be liable for total purchase price, including any adjustment which may be made as a result of reappraisal if an extension of time is granted, even though quantity of timber/vegetative resource actually cut, removed, or designated for taking is more or less than the estimated volume or quantity listed.

(b) **Timber Scale Sales** — Bids must state price per thousand board feet that will be paid for each species. High bidder will be determined by multiplying bid price per thousand board feet per species by Bureau of Land Management estimate of volume of each species. Purchaser shall be liable for purchase price of all merchantable timber sold under contract even though all such timber is not actually cut and removed prior to expiration of time for cutting and removal as specified in contract.*

*Applies to Timber Only

7. **BID DEPOSIT** — All bidders must make a deposit of not less than the amount specified in the *Timber/Vegetative Resource 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*, or any approved guaranteed remittance approved by the Authorized Officer. Upon conclusion of bidding, the bid deposit of all bidders, except high bidder, will be returned. The cash deposit of the successful bidder may be applied toward the required sale deposit and/or the purchase price. Cash not applied to the sale deposit or the purchase price, or a corporate surety bid bond, will be returned at the time the contract is signed by the Government.

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 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.

9. **TIMBER/VEGETATIVE RESOURCE SALE CONTRACT** — To be executed by purchaser, has been prepared by Government, and may be examined in the District Manager's office.

10. PERFORMANCE BOND —

(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 Authorized Officer.

(b) If purchaser elects to cut timber 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 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 covered by the bond increase. This increased amount of bond shall be used to assure payment for timber cut in advance of payment.*

11. **PAYMENT BOND** — If purchaser elects to (a) cut and remove timber, or (b) remove timber 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 covered by the bond. Payment bond shall be used to assure payment for timber 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/vegetative resource 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/Vegetative Resource 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 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/vegetative resource, 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 has failed to make satisfactory arrangements for payment of damages resulting from unauthorized use of, or injury to, property of the United States.

16. **EQUAL OPPORTUNITY CLAUSE** — This contract is subject to the provisions of Executive Order No. 11246 of September 24, 1965, as amended, which sets forth the nondiscrimination clauses. Copies of this order may be obtained from the District Manager. 43 CFR 60-1.7(b) requires that the Equal Opportunity *Compliance Report Certification* will be completed by prospective contractors. Certification may be obtained from District Manager.

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 cannot be used as a substitute for exported private timber. For the purpose of this contract, unprocessed timber is defined as: (1) any logs except those of utility grade or below, such as sawlogs, peeler logs, and pulp logs; (2) cants or squares to be subsequently remanufactured exceeding eight and three quarters (8-3/4) inches in thickness; (3) split or round bolts or other roundwood not processed to standards 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 dimension or better, or Pacific Lumber Inspection Bureau R-List Grades of Num-

ber 3 common or better. Timber manufactured into the following will be considered processed: (1) lumber and construction timbers, regardless of size, manufactured to standards and specifications suitable for end product uses; (2) chips, pulp and pulp products; (3) green or dry veneer and plywood; (4) poles and piling cut or treated for use as such; (5) cants, squares, and lumber cut for remanufacture of eight and three quarters (8-3/4) inches in thickness or less; or (6) shakes and shingles. In event purchaser wishes to sell any or all of timber restricted from export in the form of unprocessed timber, the buyer, exchanges, or recipient shall be required to comply with contractual provisions relating to "unprocessed timber." Special reporting, branding and painting of logs may be included in contract provisions.*

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



EXHIBIT A

Sheet 1 of 12

Smokey Stouts
Suppression Deck Removal
Contract # ORR05-TS-2016.0008

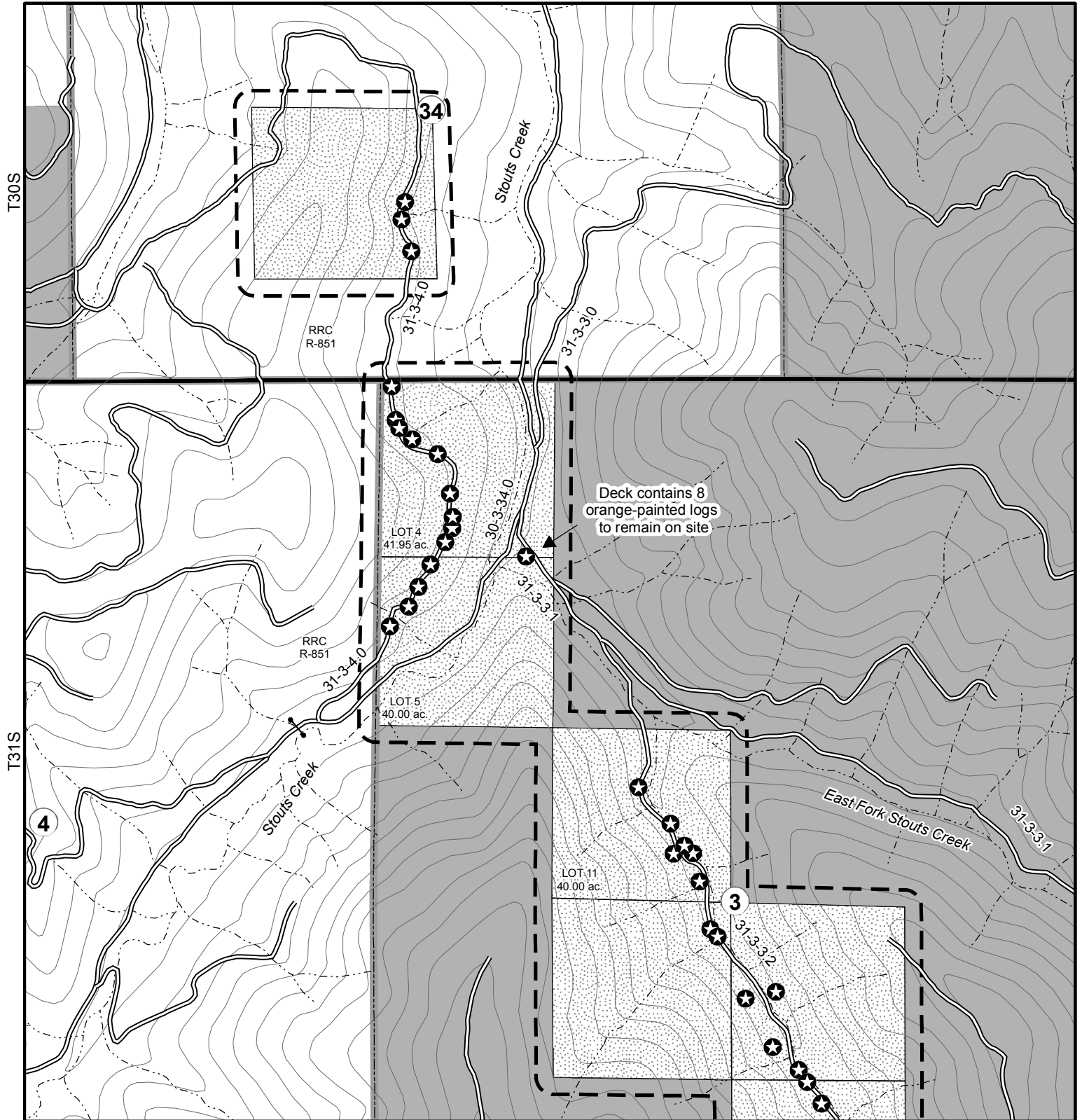
Township 30 South, Range 2 West, Willamette Meridian
Township 30 South, Range 3 West, Willamette Meridian
Township 31 South, Range 3 West, Willamette Meridian

TOTAL HARVEST AREA -----	12	Ac.
RESERVE AREA -----	1,925.32	Ac.
TOTAL CONTRACT AREA -----	1,937.32	Ac.

NOTE:

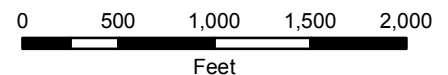
1. TREES DESIGNATED FOR REMOVAL HAVE ALREADY BEEN FELLED AND LAY ALONG THE ROADSIDE, OR ARE CUT-TO-LENGTH AND DECKED.
2. LOG DECKS DESIGNATED FOR REMOVAL ARE IDENTIFIED AS BLM WITH YELLOW PAINT ON BUTT ENDS.
3. LOCATIONS OF DECKS ARE ALONG ROADS AND REQUIRE NO YARDING.
4. ONE LOG DECK, LOCATED AT THE JUNCTION OF ROADS NO. 30-3-34.0 AND 31-3-3.1, HAS INDIVIDUAL ORANGE PAINTED LOGS (FISH) THAT ARE TO REMAIN ON SITE.





Legend

- ★ Log Deck
- Existing Roads
- - - Stream
- 100 ft. Contour
- ▨ Reserve Area
- ▭ Contract Area
- ▭ Section
- ▨ BLM Managed Land
- ▭ Other Ownership
- ▭ Roseburg District Boundary
- Gate

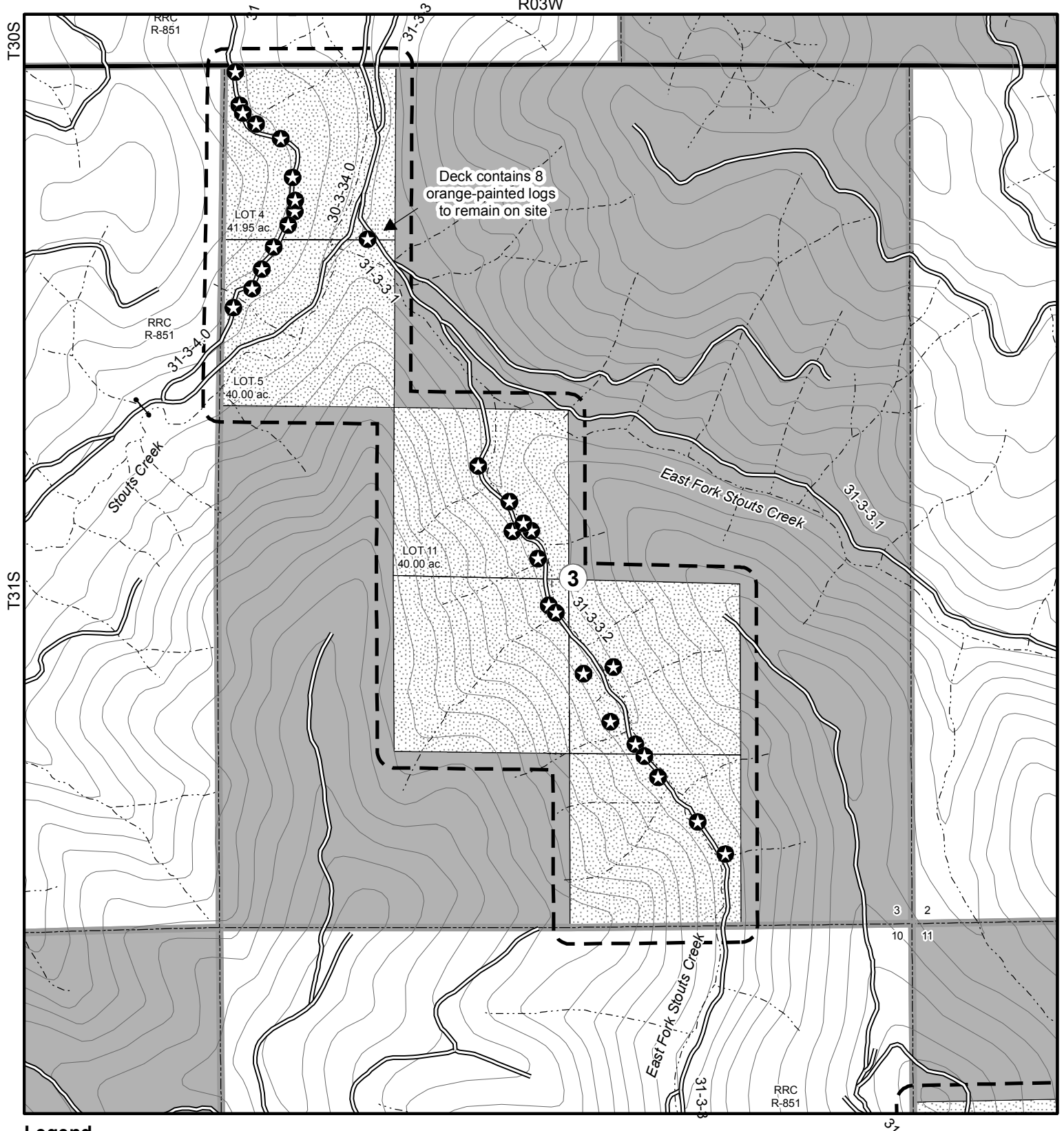


Date: 10/20/2015

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.

**Legend**

- ★ Log Deck
- Existing Roads
- - - Stream
- 100 ft. Contour
- ▨ Reserve Area
- ▭ Contract Area
- ▭ Section
- ▨ BLM Managed Land
- ▭ Other Ownership
- ▭ Roseburg District Boundary
- Gate

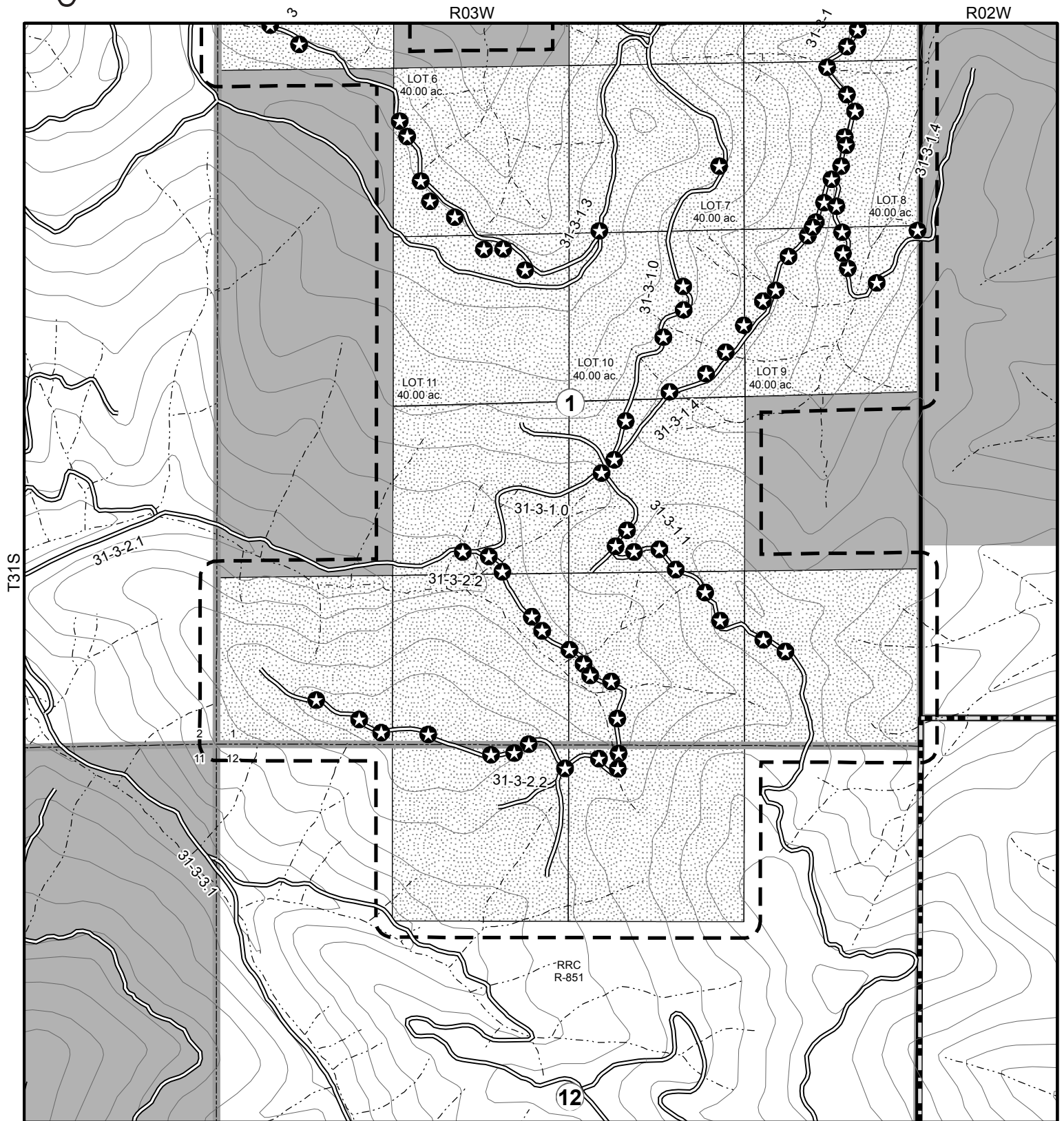
0 500 1,000 1,500 2,000
Feet

Date: 10/20/2015

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

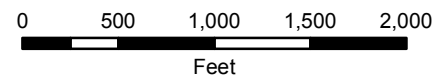


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Legend

- ★ Log Deck
- Existing Roads
- Stream
- 100 ft. Contour
- Reserve Area
- Contract Area
- Section
- BLM Managed Land
- Other Ownership
- Roseburg District Boundary



Date: 10/20/2015

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



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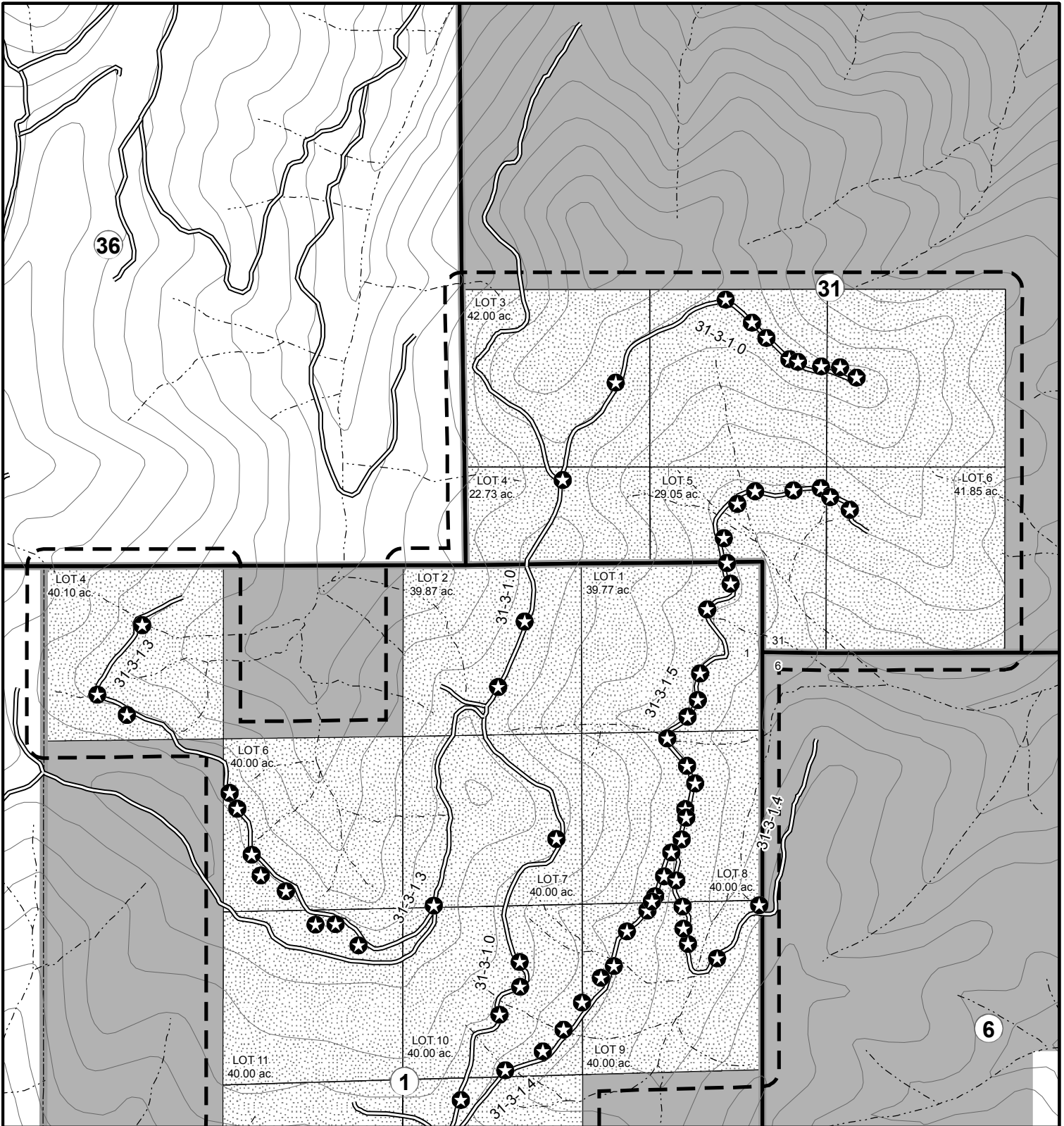


R03W

R02W

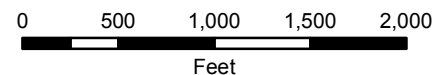
T30S

T31S



Legend

- ★ Log Deck
- Existing Roads
- - - Stream
- 100 ft. Contour
- ▨ Reserve Area
- ▭ Contract Area
- ▭ Section
- ▨ BLM Managed Land
- ▭ Other Ownership
- ▭ Roseburg District Boundary

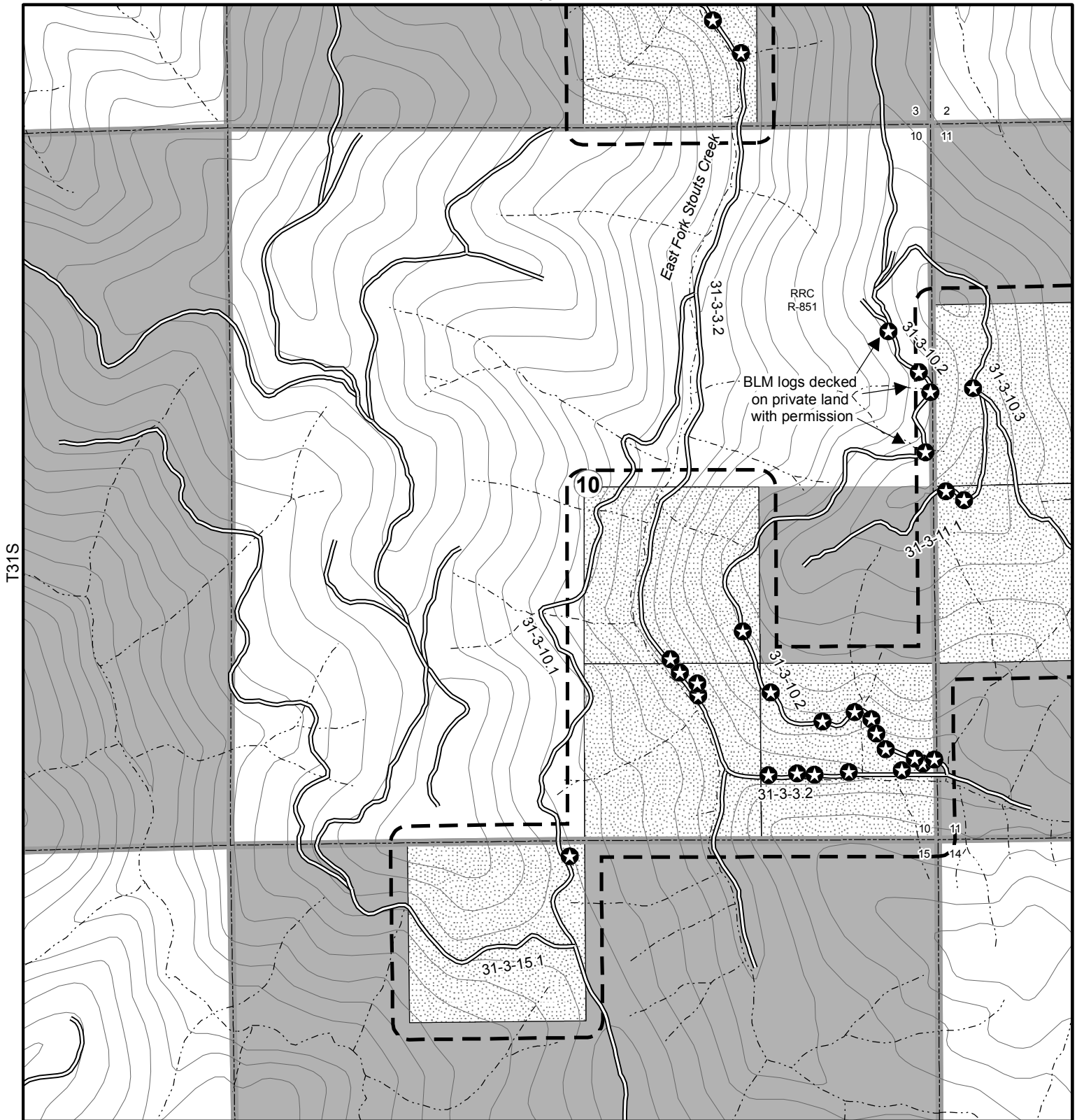


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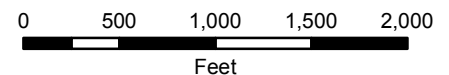


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Legend

- ★ Log Deck
- Existing Roads
- Stream
- 100 ft. Contour
- Reserve Area
- Contract Area
- Section
- BLM Managed Land
- Other Ownership
- Roseburg District Boundary

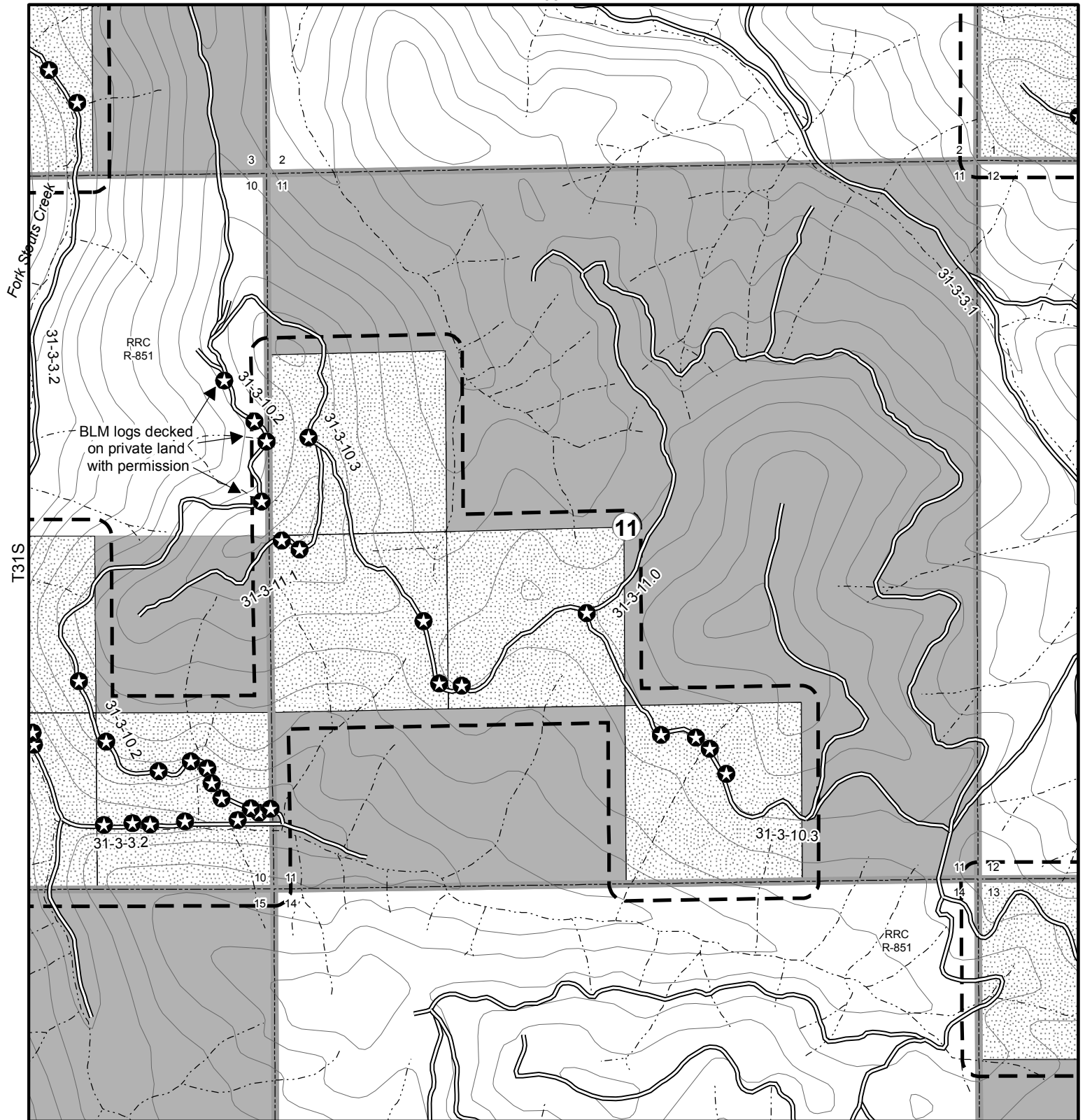


Date: 10/20/2015

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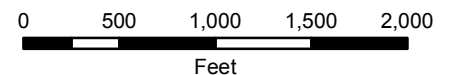


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Legend

- ★ Log Deck
- Existing Roads
- - - Stream
- 100 ft. Contour
- ▨ Reserve Area
- ▭ Contract Area
- ▭ Section
- ▨ BLM Managed Land
- ▭ Other Ownership
- ▭ Roseburg District Boundary

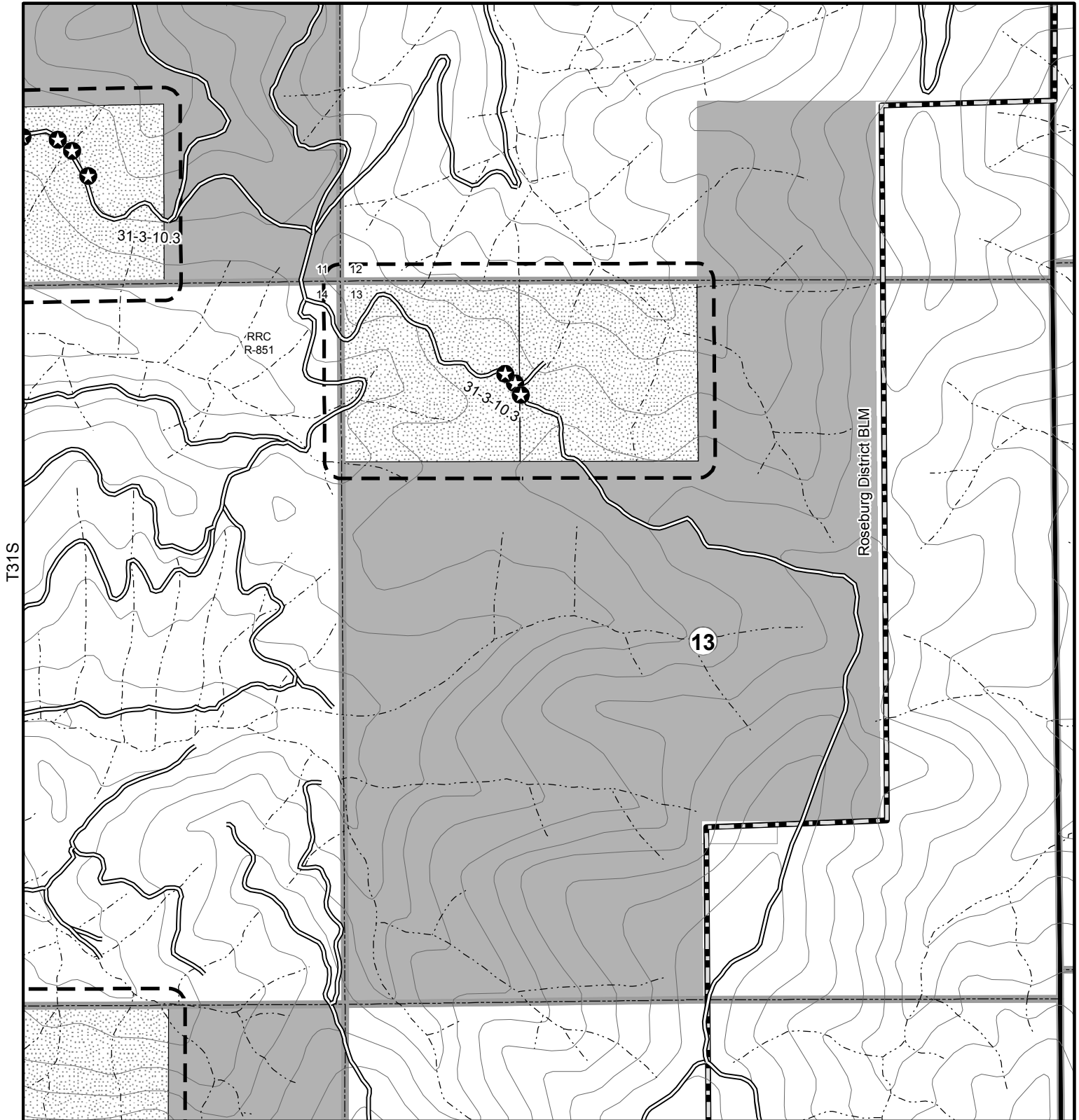


Date: 10/20/2015

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Roseburg, Oregon 97471

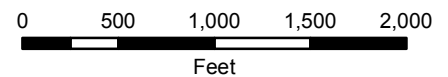


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Legend

- ★ Log Deck
- Existing Roads
- Stream
- 100 ft. Contour
- Reserve Area
- Contract Area
- Section
- BLM Managed Land
- Other Ownership
- Roseburg District Boundary

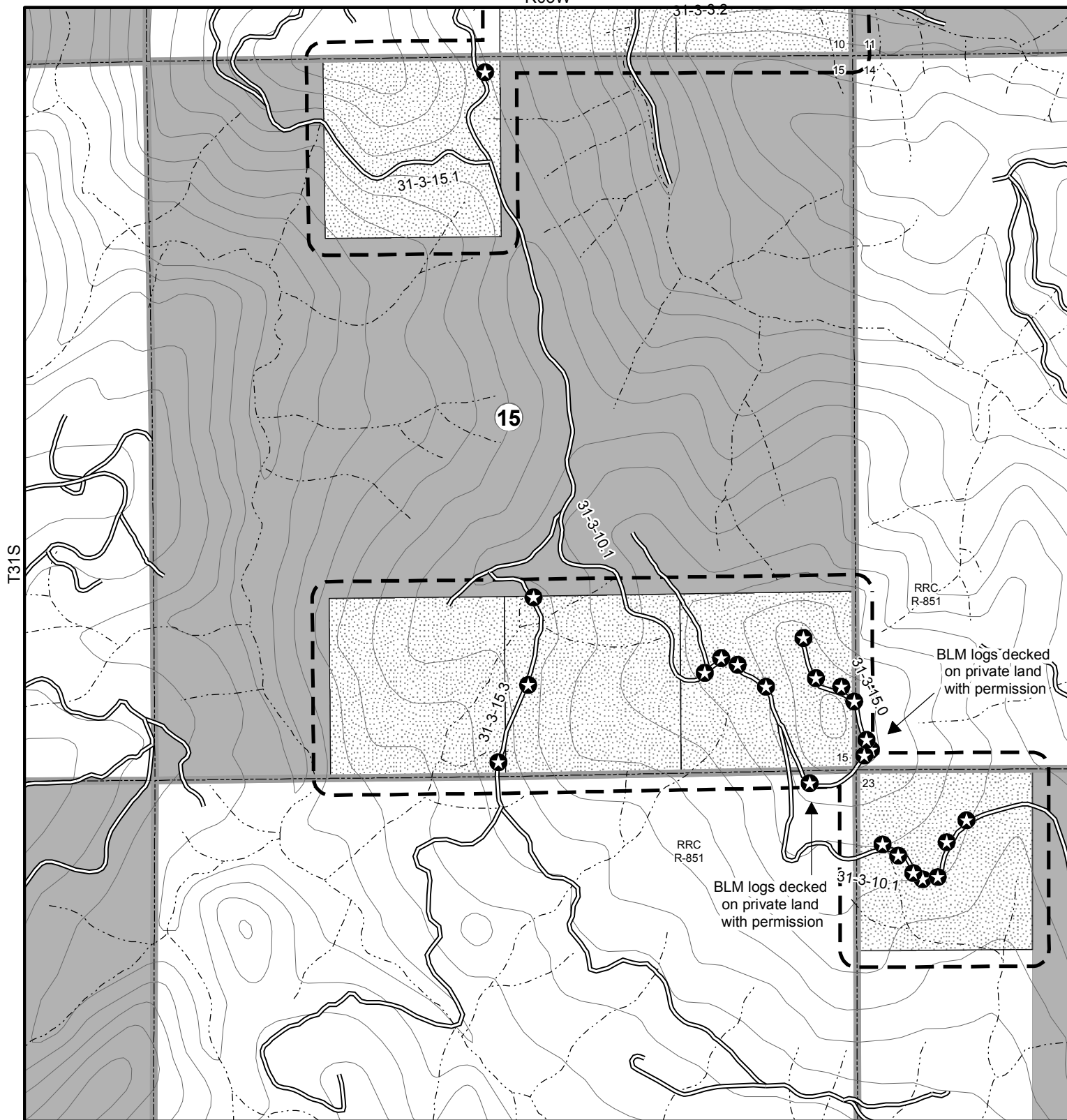


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Legend

-  Log Deck
 Existing Roads
 Stream
 100 ft. Contour
 Reserve Area
 Contract Area
 Section
 BLM Managed Land
 Other Ownership
 Roseburg District Boundary

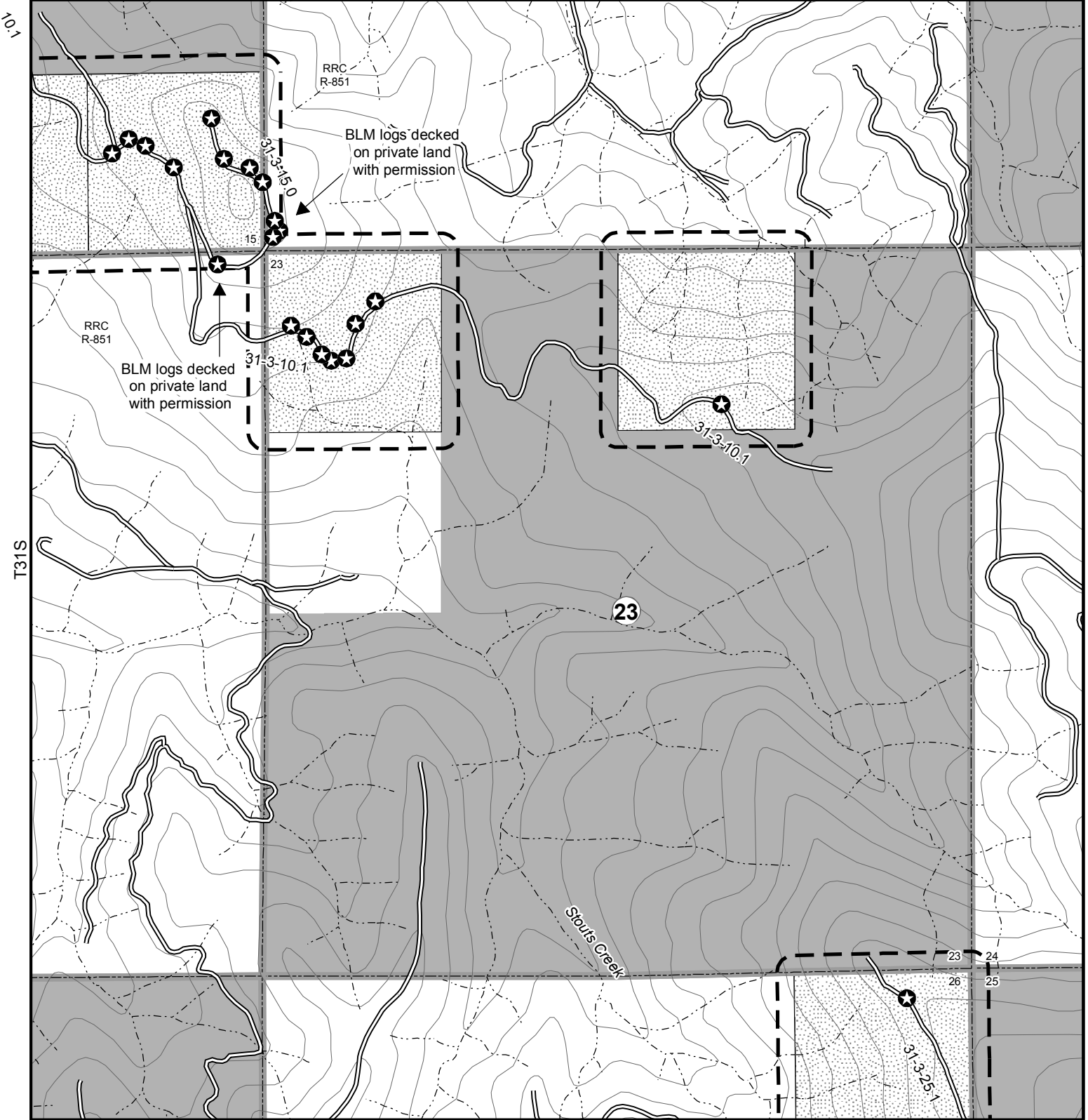
A scale bar labeled "Feet" with markings at 0, 500, 1,000, 1,500, and 2,000. The bar is divided into four equal segments, each representing 500 feet.

Date: 10/20/2015

Roseburg District
Bureau of Land Management
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Roseburg, Oregon 97471

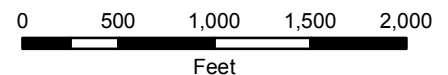


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Legend

- ★ Log Deck
- Existing Roads
- - - Stream
- 100 ft. Contour
- ▨ Reserve Area
- ▭ Contract Area
- ▭ Section
- ▨ BLM Managed Land
- ▭ Other Ownership
- ▭ Roseburg District Boundary

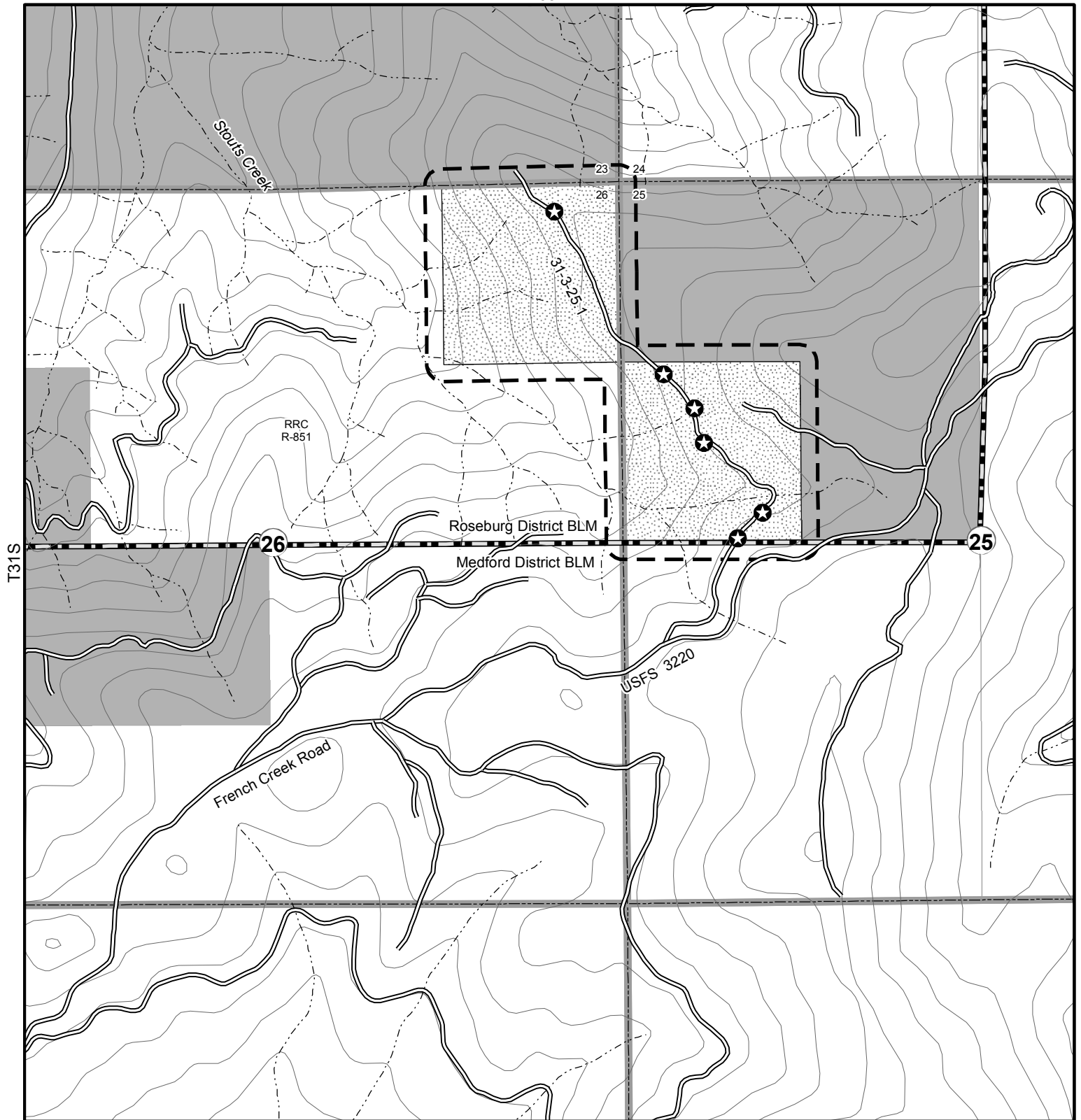


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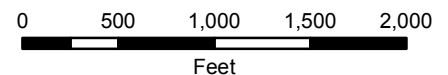


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Legend

- ★ Log Deck
- Existing Roads
- Stream
- 100 ft. Contour
- Reserve Area
- Contract Area
- Section
- BLM Managed Land
- Other Ownership
- Roseburg District Boundary

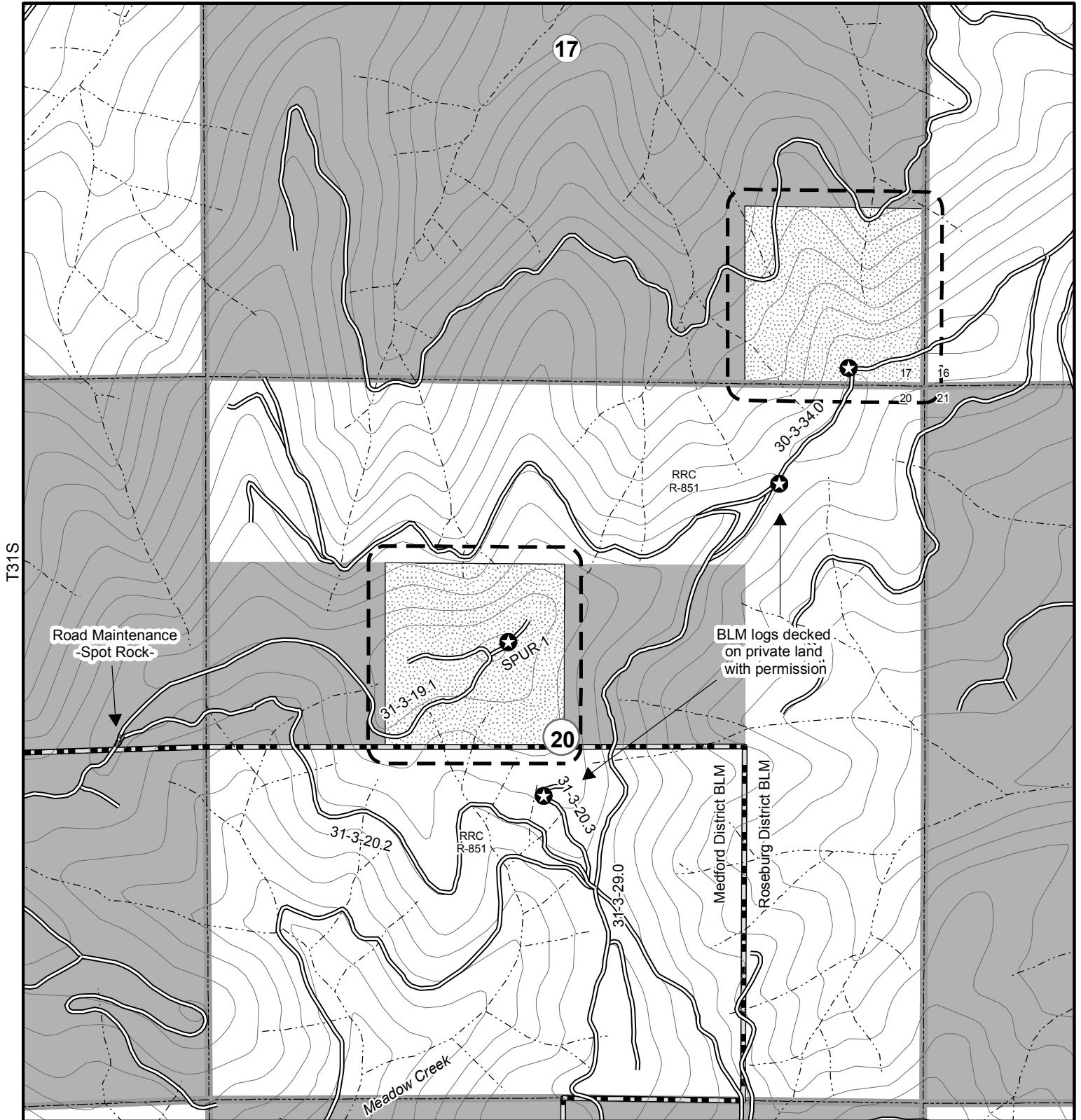


Date: 10/20/2015

Roseburg District
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Roseburg, Oregon 97471

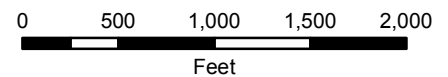


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Legend

- ★ Log Deck
- Existing Roads
- Spot Rock
- Stream
- 100 ft. Contour
- Reserve Area
- Contract Area
- Section
- BLM Managed Land
- Other Ownership
- Roseburg District Boundary



Date: 10/20/2015

Roseburg District
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Roseburg, Oregon 97471



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

Contract No.: ORR05-TS-2016.0008

Sale Name: Smokey Stouts Suppression
Deck Removal

Issuing Office: Roseburg

**EXHIBIT B
SCALE SALE**

PURCHASE PRICE SCHEDULE AND MEASUREMENT SPECIFICATIONS

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

Schedule of Species, Measurement Units, and Prices		
Species	Measurement Unit	Price Per Measurement Unit
Douglas-fir	MBF	
Incense-cedar	MBF	
Ponderosa Pine	MBF	
Grand Fir	MBF	
Western Hemlock	MBF	
Sugar Pine	MBF	

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

Schedule of Minimum Material Specifications			
Species and Products	Length	Diameter (inside bark at small end)	Net Scale
All Species	8 feet	5 inches	33 1/3% of gross volume of any log segment

If Purchaser elects to remove any logs which do not meet the above minimum log specifications and which have not been reserved to Government in Sec. 41 of the contract, such logs shall be scaled for their merchantable content as provided herein and be paid for in accordance with Sec. 2 and 3 of this contract and the value in Section 1 of this Exhibit.

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

IV. **Scaling**

- A. **Log Rule and Measurement** - All logs shall be scaled according to the Northwest Log Rules Eastside Log Scaling Handbook, as amended, or supplemented by BLM before the first advertisement date of the sale. A Scaling Authorization Form (OR 5300-18) must be completed prior to beginning of operations.
- B. **Scaling Service** - Log scaling services shall be provided and performed by BLM personnel or parties under contract to BLM.
 - 1. All logs shall be scaled and volumes determined by BLM or a certified contract scaler.
 - 2. The BLM scaler or contract scaler is designated to collect Eastside MBF scale data from all loads.
- C. **Other Timber** - If any timber is of a species or size not listed in Section II of this Exhibit (above) or is of a quality different from merchantable timber described herein, the Authorized Officer shall establish volumes and values in accord with Standard BLM methods.
- D. **Defect Caused by Abnormal Delay** - Scaling deductions made for rot, check or other defect resulting from abnormal delay in scaling caused by Purchaser shall be recorded separately and charged to the Purchaser in accordance with Section 3 of the contract.
- E. **Log Presentation** - Purchaser shall present logs so that they may be scaled in an economical and safe manner in accordance with the Memorandum(s) of Agreement for Yard Scaling required in Section IV.G.5. of this Exhibit.
- F. **Check Scale** - The Government will conduct check scales as set forth in Instruction Memorandum OR-2003-081, Item 2b (Administrative Check Scaler). Determinations as to volume of timber made by a government check scaler in conformance with the standards as set forth herein shall be final. All loads check scaled by BLM will be identified with the check scaler's initials legibly marked or painted in the face of the first log in each load. When such checks show a variance in scale in excess of acceptable standards, as set forth in Instruction Memorandum OR-2003-081, Item 2b (Administrative Check Scaler), in two or more consecutive check scales, an adjustment to the volume reported as scaled will be made by BLM. Such adjustments will be made based on the difference between available BLM check scales and the original scale during the period covered by the unsatisfactory check scales. Unless otherwise approved in writing by the Authorized Officer, the volume to which this difference will be applied will be 50 percent of the volume scaled between the last satisfactory check and the first unsatisfactory check, 100 percent of the volume scaled during the unsatisfactory check, and 50 percent of the volume between the last unsatisfactory check scale and the next satisfactory check scale.

G. Accountability

1. Purchaser shall notify the Authorized Officer five (5) days prior to starting or stopping of hauling operations performed under the contract.
2. **All logs will be painted and branded at the landing and accounted for in accordance with Sec. 42(A) of the contract. If Sale Area is within a State that maintains a log brand register, brands shall be registered with the State. Purchaser shall use assigned brand(s) exclusively on logs from this sale until the Authorized Officer releases the brand(s).** Each truck driver shall obtain a load receipt and a BLM scaler receipt from the Log Truck Ticket Book issued by the Authorized Officer and comply with the instructions specified on the cover of said book. While products are in transit, the truck driver shall display the load receipt and BLM scaler receipt on the bunk or wing log at the front of the load on the driver's side. All logs on each load shall be delivered to the destination listed on the woods receipt. The BLM scaler receipt shall be surrendered at the location of BLM scaling, the unloading location, or as requested by BLM. A designated area shall be identified at the yard scaling location for logs arriving during off hours. Logs arriving during off hours shall be left on the truck or may be off loaded to the designated area.
3. The Purchaser shall not haul logs from the contract area on weekends; Memorial Day, Fourth of July, Labor Day, Thanksgiving, Christmas, and New Year's holidays; or outside the hours of 4:00 a.m. to 8:00 p.m. daily, unless otherwise approved in writing by the Authorized Officer or designated in the Approved Logging Plan. (Refer to Section 42(A) of the contract).
4. The Purchaser shall furnish BLM a map showing the route which shall be used to haul logs from the timber sale area to the scaling location. Such route shall be the most direct haul route between the two points, unless another route is approved by BLM. The route of haul may be changed only with advance notice to and approval by BLM. The haul route map shall be attached to the Approved Logging Plan.
5. All loads will be scaled at scale locations listed on the Scaling Authorization (Form OR 5300-18) as approved by the Authorized Officer. The Purchaser shall ensure that all scale site owners listed on the Scaling Authorization enter into a Memorandum of Agreement for Yard Scaling before requesting BLM approval of the Scaling Authorization. Areas for scaling BLM logs will be designated on the ground and identified on the yard map as required in the Memorandum(s) of Agreement for Yard Scaling.
6. Any removal of logs from loaded trucks before being accounted for and/or scaled as required by the contract shall be considered a willful trespass and render the Purchaser liable for damages under applicable law. Any payment made for purchase of such logs shall be deducted from amount due because of trespass.

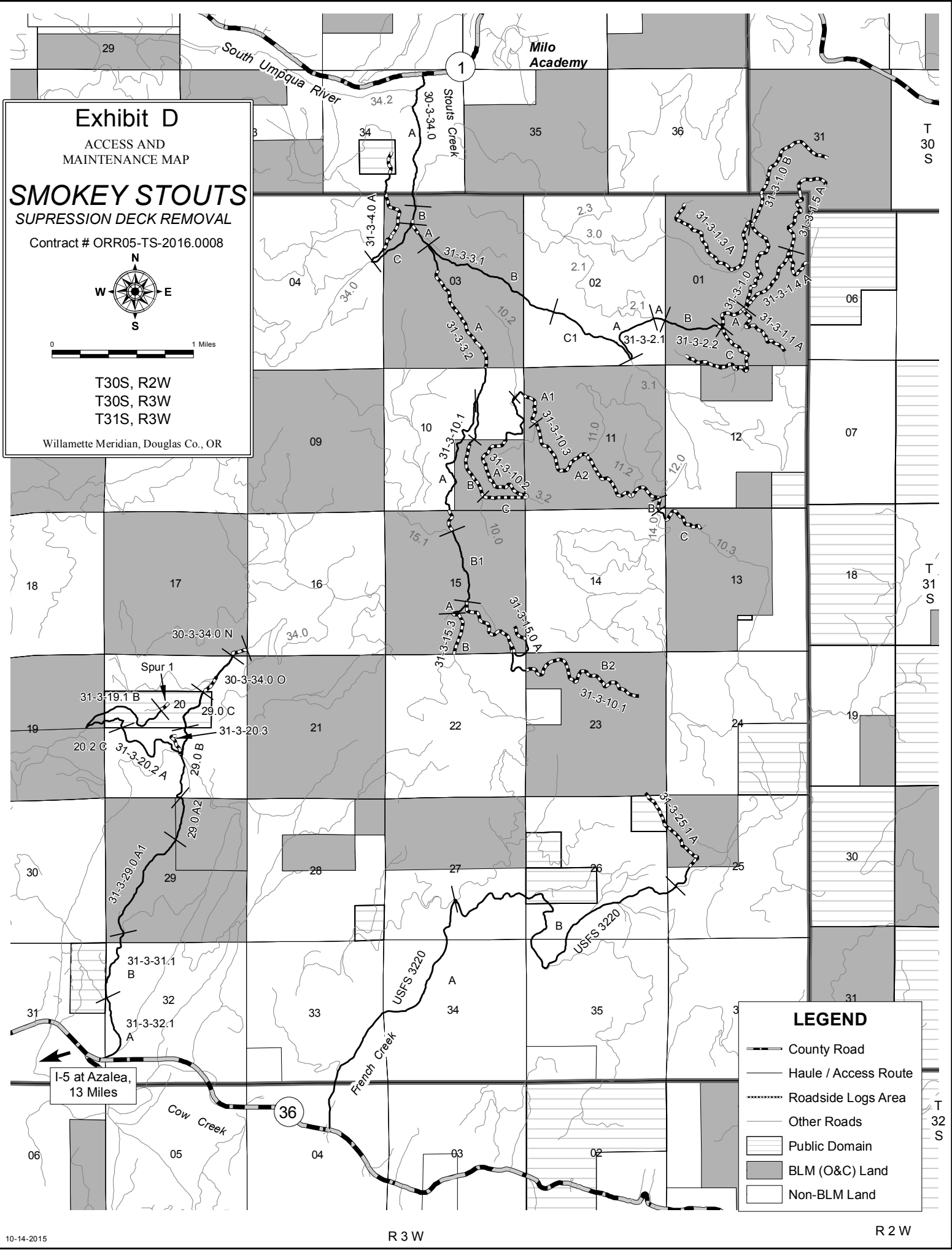
- H. **Scaling Lost Products** - The value of lost loads shall be equal to the highest value load for the month in which the lost load is hauled regardless of where the highest value load is scaled. If no loads have been scaled in that month, value will be determined from the closest month in which loads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

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

A. **Merchantable Timber Volume Removed from Contract Area** - The total volume of removed timber shall be determined using the Government's records of scaled volumes of timber skidded or yarded monthly, or a shorter period if agreed to by the Purchaser and Government, to loading points or removed from the contract area.

B. **Merchantable Timber Not Yet Removed from Contract Area** - The value of merchantable timber which has not been removed will be determined by multiplying the value per acre as shown below times the amount of acreage subject to the purpose of the value determination, as determined by the Authorized Officer:

Total Estimated Purchase Price And/Or Schedule of Volumes and Values for Merchantable Timber Not Yet Removed from Contract Area					
Cutting Area		Total Estimated Volume (MBF)		Total Estimated Purchase Price	
Cutting Area Number	Approximate Number of Acres	Volume per Acre	Total Volume	Value per Acre	Total Value
3.1/34.0 Jc	0.5	68	34		
31-3-3.2	1.3	17	22		
31-3-10.3	0.6	118	71		
31-3-11.1	0.2	5	1		
31-3-10.2	0.8	55	44		
31-3-4.0	0.4	110	44		
31-3-25.1	0.7	37	26		
31-3-10.1	0.4	113	45		
31-3-15.0	0.3	70	21		
31-3-15.3	0.2	10	2		
31-3-1.3	0.9	10	9		
1.0/31.0 Jc	0.1	50	5		
31-3-1.0	1.6	9	14		
31-3-1.5	0.9	34	31		
31-3-1.4	0.9	30	27		
31-3-1.1	0.6	7	4		
31-3-2.2	1.1	26	29		
31-3-20.2	0.1	650	65		
31-3-19.1	0.2	285	57		
30-3-34.0	0.2	245	49		
Sale Total	12		600		



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

Sale Name: Smokey Stouts Suppression Deck Removal							
Contract No. ORR05-TS-2016.0008							
Road Number	Road Seg.	Segment Length	Segment Owner	Road Use Fees	Surface Type	Timber Haul Fees	Maintained By
30-3-34.0	2015 Bridge	0.01	RRC	\$2.50	Rock	\$1.46	RRC
30-3-34.0	A	1.01	RRC	Paid Off	Rock	\$1.46	RRC
30-3-34.0	B	0.11	RRC	Paid Off	Rock	\$1.46	RRC
30-3-34.0	C	0.44	RRC	Paid Off	Rock	\$1.46	RRC
30-3-34.0	N (Base)	0.15	BLM		Native	\$0.97	BLM
30-3-34.0	N (Imp)	0.15	RRC	Free Use	Rock	\$0.49	BLM
30-3-34.0	O	0.33	RRC	Free Use	Rock	\$1.46	RRC
31-3-1.0	A	0.31	BLM		Rock	\$1.46	BLM
31-3-1.0	B	1.76	BLM		Rock	\$1.46	BLM
31-3-1.1	A	0.52	BLM		Rock	\$1.46	BLM
31-3-1.3	A (Por)	1.16	BLM		Rock	\$1.46	BLM
31-3-1.4	A (Por)	0.84	BLM		Rock	\$1.46	BLM
31-3-1.5	A (Por)	0.82	BLM		Rock	\$1.46	BLM
31-3-10.1	A	1.22	BLM		Rock	\$1.46	BLM
31-3-10.1	B1	0.62	BLM		Rock	\$1.46	BLM
31-3-10.1	B2	1.95	BLM		Rock	\$1.46	BLM
31-3-10.2	A	1.17	RRC	\$2.08	Rock	\$0.49	Purchaser
31-3-10.3	A1	0.38	BLM		Rock	\$1.46	BLM
31-3-10.3	A2	1.45	BLM		Rock	\$1.46	BLM
31-3-10.3	B (Base)	0.09	RRC	Free Use	Native	\$0.97	RRC
31-3-10.3	B (Imp)	0.09	BLM		Rock	\$0.49	RRC
31-3-10.3	C (Por)	0.43	BLM		Rock	\$1.46	BLM
31-3-15.0	A	0.41	BLM		Rock	\$1.46	BLM
31-3-15.3	A	0.14	BLM		Rock	\$1.46	BLM
31-3-15.3	B	0.40	RRC	Free Use	Rock	\$1.46	RRC
31-3-19.1	B (Por)	0.72	BLM		Rock	\$1.46	BLM
31-3-2.1	A	0.47	RRC	Paid Off	Rock	\$1.46	RRC
31-3-2.2	A	0.11	BLM		Rock	\$1.46	BLM
31-3-2.2	B	0.38	BLM		Rock	\$1.46	BLM
31-3-2.2	C (Por)	0.86	BLM		Rock	\$1.46	BLM
31-3-20.2	A	0.70	RRC	Free Use	Rock	\$1.46	RRC
31-3-25.1	A	0.93	BLM		Rock	\$1.46	BLM
31-3-25.1	A1 (Base)	0.85	Medford BLM		Rock	\$0.97	Medford BLM
31-3-29.0	A1 (Imp)	0.85	RRC	Free Use	Rock	\$0.49	Medford BLM
31-3-29.0	A2 (Base)	0.32	BLM		Native	\$0.97	BLM
31-3-29.0	A2 (Imp)	0.32	RRC	Free Use	Rock	\$0.49	BLM

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

Sale Name: Smokey Stouts Suppression Deck Removal							
Contract No. ORR05-TS-2016.0008							
Road Number	Road Seg.	Segment Length	Segment Owner	Road Use Fees	Surface Type	Timber Haul Fees	Maintained By
31-3-29.0	B	0.85	RRC		Rock	\$1.46	RRC
31-3-29.0	C (Base)	0.32	BLM		Native	\$0.97	BLM
31-3-29.0	C (Imp)	0.32	RRC	Free Use	Rock	\$0.49	BLM
31-3-3.1	A (Base)	0.24	RRC	Paid Off	Rock	\$1.46	RRC
31-3-3.1	A (Imp)	0.24	BLM		Rock	\$0.49	RRC
31-3-3.1	B (Base)	0.93	RRC	\$2.00	Rock	\$1.46	RRC
31-3-3.1	B (Imp)	0.93	BLM		Rock	\$0.49	RRC
31-3-3.1	C1 (Base)	0.81	RRC	\$2.00	Rock	\$0.97	RRC
31-3-3.1	C1 (Imp)	0.81	BLM		Rock	\$0.49	RRC
31-3-3.2	A	1.60	BLM		Rock	\$1.46	BLM
31-3-3.2	B	0.46	BLM		Rock	\$1.46	BLM
31-3-3.2	C	0.30	BLM		Rock	\$1.46	BLM
31-3-3.2	C	0.30	BLM		Rock	\$1.46	BLM
31-3-31.1	B (Base)	0.47	Medford BLM		Native	\$0.97	Medford BLM
31-3-31.1	B (Imp)	0.47	RRC	Free Use	Rock	\$0.49	Medford BLM
31-3-32.1	A	0.53	Plum Cr.	Free Use	Rock	\$1.46	Plum Cr.
31-3-4.0	A (Base, Por)	0.91	RRC	\$1.44	Native	\$0.97	RRC
31-3-4.0	A (Imp, Por)	0.91	BLM		Rock	\$0.49	RRC
Spur 1	A	0.06	BLM		Rock	\$1.46	BLM
USFS 3220	A	2.03	USFS	Free Use	Rock	\$1.46	RRC
USFS 3220	B	2.70	USFS	Free Use	Rock	\$1.46	RRC

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

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 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.

ROAD MAINTENANCE SPECIFICATIONS

- 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 straight 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

ROAD MAINTENANCE SPECIFICATIONS

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

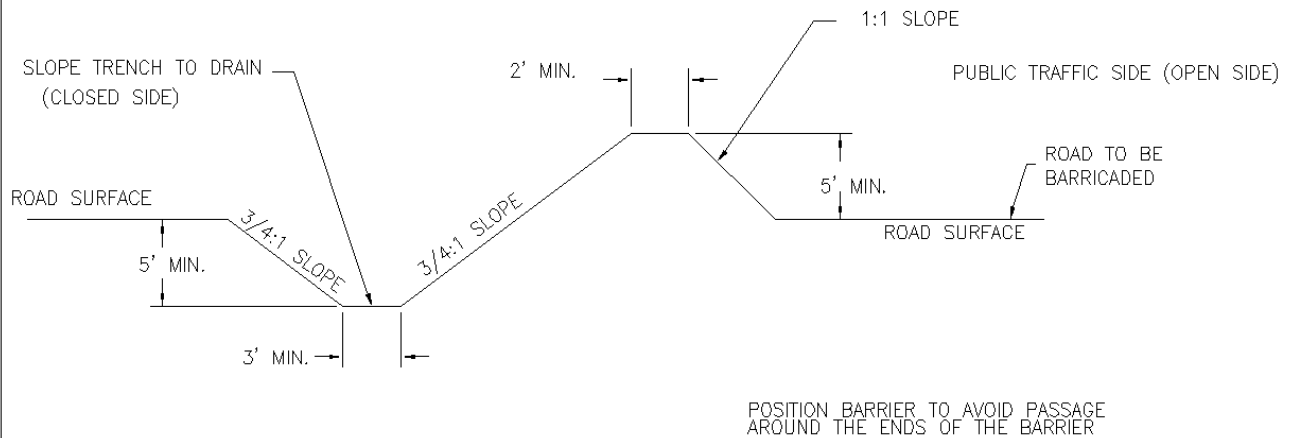
3401 The Purchaser shall repair any damage to road surfaces that was specified under Subsection 3108. This repair includes restoring the roadway to the designed standard and replacement of surfacing with approved surface material. This repair is not limited to use of equipment specified in Subsection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

ROAD MAINTENANCE SPECIFICATIONS

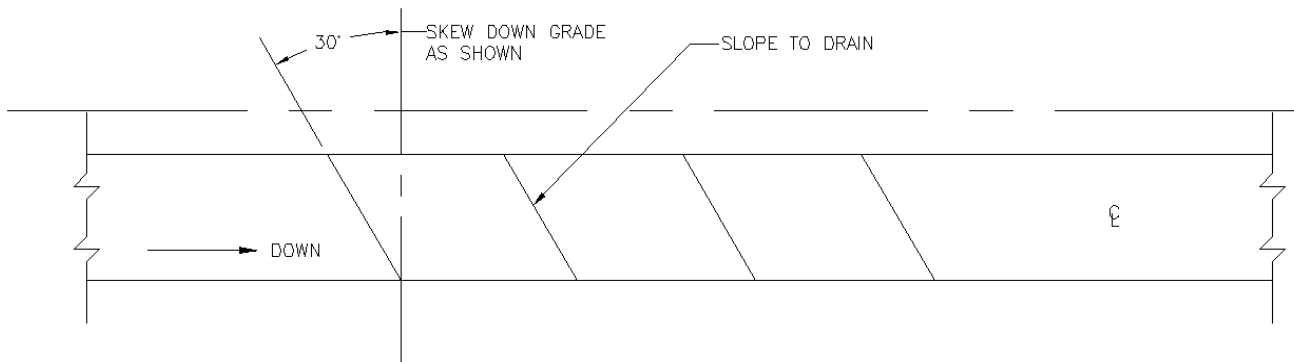
EXHIBIT D
TRENCH BARRIER DETAIL



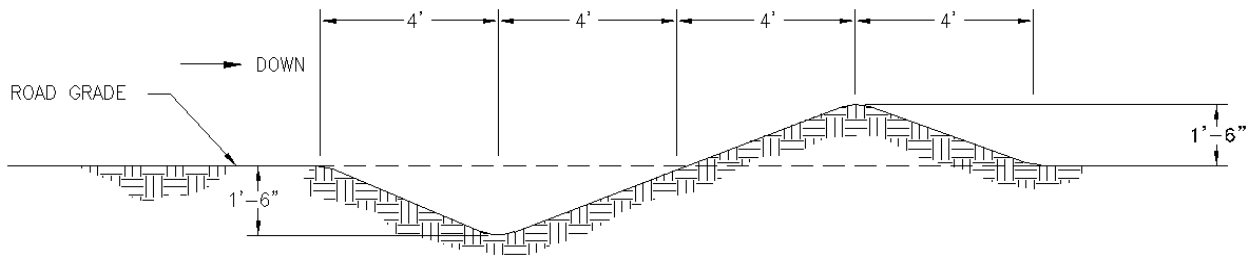
TRENCH BARRIER
SCALE: NONE

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



United States of America
Department of the Interior
Bureau Of Land Management
Timber Sale Appraisal

District : Roseburg	Contract # : ORR05-TS-2016.0008
Sale Name : Smokey Stouts Decks	Job File # : 210
Sale Date : 11/17/2015	Master Unit : Douglas
Appraisal Method : 16' MBF	Planning Unit : South River

Contents

Timber Sale Summary	2
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Consolidated Comments	7

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Timber - Sale - Summary**

Roseburg
Smokey Stouts Decks
ORR05-TS-2016.0008

Legal Description

Forest Type	Township	Range	Section	Subdivision
O&C	30	2	31	Lots 3,4,5,6, NE1/4SW1/4, NW1/4SE1/4
PD	30	3	34	NE1/4SW1/4
O&C	31	3	1	Lots 1,2,4,6,7,8,9,10,11, NE1/4SW1/4, S1/2SW1/4, W1/2SE1/4, SE1/4SE1/4
O&C	31	3	3	Lots 4,5,11, NE1/4SW1/4, W1/2SE1/4
O&C	31	3	10	W1/2SE1/4, SE1/4SE1/4
O&C	31	3	11	SW1/4NW1/4, N1/2SW1/4, SW1/4SE1/4
O&C	31	3	12	NW1/4NE1/4, NE1/4NW1/4
O&C	31	3	13	N1/2NW1/4
O&C	31	3	15	NE1/4NW1/4, SE1/4SW1/4, S1/2SE1/4
O&C	31	3	17	SE1/4SE1/4
PD	31	3	20	SE1/4NW1/4
O&C	31	3	23	NW1/4NE1/4, NW1/4NW1/4
O&C	31	3	25	SW1/4NW1/4
PD	31	3	26	NE1/4NE1/4

Cutting Volume (16' MBF)

Unit	DF	IC	PP	GF	WH	SP			Total	Regen	Partial	ROW
3.1/34.0 Jc	31	2		1					34	0	1	0
31-3-3.2	16			1	5				22	0	1	0
31-3-10.3	55	7	6	1	1	1			71	0	1	0
31-3-11.1		1							1	0	1	0
31-3-10.2	36	8							44	0	1	0
31-3-4.0	38	2		1	3				44	0	1	0
31-3-25.1	24	1		1					26	0	1	0
31-3-10.1	27	10	7	1					45	0	1	0
31-3-15.0	13	4	4						21	0	1	0
31-3-15.3	1	1							2	0	1	0
31-3-1.3	7	2							9	0	1	0
1.0/31.0 Jc	4		1						5	0	1	0
31-3-1.0	9	4	1						14	0	1	0
31-3-1.5	21	10							31	0	1	0
31-3-1.4	19	7		1					27	0	1	0
31-3-1.1	4								4	0	1	0
31-3-2.2	20	2	1	6					29	0	1	0
31-3-20.2	58	3		4					65	0	1	0
31-3-19.1	57								57	0	1	0
30-3-34.0	48			1					49	0	1	0
Totals	488	64	20	18	9	1			600	0	20	0

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Roseburg
Smokey Stouts Decks
ORR05-TS-2016.0008

Logging Costs per 16' MBF

Stump to Truck	\$	118.65
Transportation	\$	45.07
Road Construction	\$	0.00
Road Amortization	\$	2.98
Road Maintenance	\$	44.72

Other Allowances :

Equipment Cleaning	\$ 1.45
Slash Disposal	\$ 13.13
Total Other Allowances :	\$ 14.58

Total Logging Costs per 16' MBF

\$ 225.99

Utilization Centers

Center #1 : Glendale, OR	29 Miles
Center #1 : Riddle, OR	27 Miles
Weighted distance to Utilization Centers	28

Length of Contract

Cutting and Removal Time	3 Months
Personal Property Removal Time	1 Months

Profit & Risk

Total Profit & Risk	8 %
Basic Profit & Risk	8 % + Additional Risk 0 %
Back Off	0 %

Tract Features

Avg Log	Douglas-fir : 29947 bf	All : 13056 bf
Recovery	Douglas-fir : 86 %	All : 85 %
Salvage	Douglas-fir : 100 %	All : 19 %
Avg Volume (16' MBF per Acre)		30
Avg Yarding Slope		12 %
Avg Yarding Distance (feet)		25
Avg Age		0
Volume Cable		0 %
Volume Ground		100 %
Volume Aerial		0 %
Road Construction Stations		0.00
Road Improvement Stations		0.00
Road Renovation Stations		0.00
Road Decommission Stations		0.00

Cruise

Cruised By	AF,MK. JL
Date	09/24/2015
Type of Cruise	Ocular Est.
County, State	Douglas, OR

Net Volume

Green (16' MBF)	488
Salvage (16' MBF)	112
Douglas-fir Peeler	17
Export Volume	0
Scaling Allowance (\$0.00 per 16' MBF)	\$0.00

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Roseburg
Smokey Stouts Decks
ORR05-TS-2016.0008

Stumpage Summary

Stumpage Computation (16' MBF)

Species	Trees	Net Volume	Pond Value	(-) Profit & Risk	(-) Logging Cost	(+) Marginal Log Value	(-) Back Off	Appraised Price	Appraised Value
DF	19	488	\$ 484.11	\$ 38.73	\$ 225.99			\$ 219.40	\$ 107,067.20
IC	15	64	\$ 406.25	\$ 32.50	\$ 225.99			\$ 147.80	\$ 9,459.20
PP	6	20	\$ 327.59	\$ 26.21	\$ 225.99			\$ 75.40	\$ 1,508.00
GF	10	18	\$ 357.15	\$ 28.57	\$ 225.99			\$ 102.60	\$ 1,846.80
WH	3	9	\$ 325.20	\$ 26.02	\$ 225.99			\$ 73.20	\$ 658.80
SP	1	1	\$ 341.71	\$ 27.34	\$ 225.99			\$ 88.40	\$ 88.40
Totals	54	600							\$ 120,628.40

Log Code by Percent

Species	Code #1	Code #2	Code #3	Code #4	Code #5	Code #6
Douglas-fir		1.0	3.0	63.0	30.0	3.0
Incense-cedar				33.0	66.0	1.0
Grand Fir				38.0	55.0	7.0
Western Hemlock					77.0	23.0
Sugar Pine				76.0	23.0	1.0
Ponderosa Pine				6.0	90.0	4.0

Marginal Log Volume

Species	Grade #7	Grade #8
Douglas-fir		
Incense-cedar		
Grand Fir		
Western Hemlock		
Sugar Pine		
Ponderosa Pine		

Appraised By : Franks, Annie

Date : 10/20/2015

Area Approval By : Kehoe, Mark

Date : 10/20/2015

District Approval By : Snider, Douglas

Date : 10/20/2015

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Roseburg
Smokey Stouts Decks
ORR05-TS-2016.0008

Stump to Truck Costs

Total (16' MBF)

Total Stump to Truck Costs	Net Volume	Cost / Net Volume
\$ 71,190.23	600	\$ 118.65

Detail

Yarding & Loading

Yarding System	Unit Of Measure	Units	Cost / Unit	Total Cost
Wheel Skidder	16'GM MBF	295	\$ 87.49	\$ 25,809.55
Wheel Skidder	16'GM MBF	58	\$ 109.36	\$ 6,342.88
Wheel Skidder	16'GM MBF	189	\$ 84.99	\$ 16,063.11
Wheel Skidder	16'GM MBF	133	\$ 106.23	\$ 14,128.59
Wheel Skidder	16'GM MBF	30	\$ 89.87	\$ 2,696.10
Subtotal				\$ 65,040.23

Other Costs

Explanation	Unit Of Measure	Units	Cost / Unit	Total Cost
Subtotal				

Additional Move-Ins

Equipment	# Move-In	Cost / Move In	Total Cost
Skidder	1	\$ 2,090.00	\$ 2,090.00
Yarder / Loader	1	\$ 2,850.00	\$ 2,850.00
Delimber	1	\$ 1,210.00	\$ 1,210.00
Subtotal			\$ 6,150.00

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Roseburg
Smokey Stouts Decks
ORR05-TS-2016.0008

Other Allowances Costs

Total (16' MBF)

Total Other Allowances Costs	Net Volume	Cost / Net Volume *	Total Buy Out Cost
\$8,745.00	600	\$14.58	\$0.00

Equipment Cleaning

Detail (16' MBF)

Cost Item	Total Cost	Cost / Net Vol *	Buy Out	Buy Out Cost
Shovel	\$ 370.00	\$ 0.62	N	\$ 0.00
Wheel Skidder	\$ 250.00	\$ 0.42	N	\$ 0.00
Other Equipment	\$ 250.00	\$ 0.42	N	\$ 0.00
Subtotal	\$ 870.00	\$ 1.45		\$ 0.00

Slash Disposal

Detail (16' MBF)

Cost Item	Total Cost	Cost / Net Vol *	Buy Out	Buy Out Cost
Maching Piling (covering, piling, burning)	\$ 7,875.00	\$ 13.13	N	\$ 0.00
Subtotal	\$ 7,875.00	\$ 13.13		\$ 0.00

* Cost / Net Volume has been rounded to the nearest \$0.01 Subtotals may not tie to Sale Total Cost / Net Volume.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Consolidated Comments**

Roseburg
Smokey Stouts Decks
ORR05-TS-2016.0008

General

Number of merch logs, number of cull logs, and number of merch trees is not correct. Due to cruise method, number of logs and trees was not recorded.

Yarding & Loading

-\$2.25/Gallon fuel prices
-5500 mbf/load

-For roads: 31-3-4.0, 1.3, 1.0, 1.5, 1.4, 1.1, 2.2, 30-3-34.0, Jct. 31-3-3.1/30-3-34.0, and Jct. 31-3-1.0/30-2-31.0: Wheeled skidder, loader and stroke delimber, no feller buncher at 5 loads/day: 295 16'GM MBF x \$87.49/16'GM MBF = \$25,809.55

-31-3-10.1 Road: Wheeled skidder, loader and stroke delimber, no feller buncher at 4 loads/day: 58 16'GM MBF x \$109.36/16'GM MBF = \$6,342.88

-Roads: 31-3-10.2, 31-3-19.1, 30-3-34.0: Wheeled Skidder and Loader w/2 saws @ \$360.00/day and 5 loads/day: 189 16'GM MBF x \$84.99/16'GM MBF = \$16,063.11

-Roads: 31-3-25.1, 31-3-10.3, 31-3-15.0: Wheeled Skidder and Loader w/2 saws @ \$360.00/day and 4 loads/day: 133 16'GM MBF x \$106.23/16'GM MBF = \$14,128.59

Roads: 31-3-3.2, 31-3-11.1, 31-3-15.3: Wheeled Skidder and Loader w/1 saw @ \$360.00/day and at 4 loads/day: 30 16'GM MBF x \$89.87/16'GM MBF = \$2,696.10

Cost Summary:

Wheel Skidder, loader, and stroke delimber: \$32,152.43
Wheel skidder, loader, and 2 saws: \$30,191.70
Wheel skidder, loader, and 1 saw: \$2,696.10
Total: \$65,040.23

Additional Move-in Summary:

Wheel Skidder: 19 hrs x \$110.00/hr = \$2,090.00
Loader: 19 hrs x \$150.00/hr = \$2,850.00
Stroke delimber: 11 hrs x \$110.00/hr = \$1,210.00
Total for additional move-ins: \$6,150.00

Total Yarding & Loading:

Stump to Truck Total: \$65,040.23
Additional Move-in Total: \$6,150.00
Total: \$71,190.23

Road Costs

Surfacing: \$1,720.00
Sediment Control: \$20,307.05
Equipment Mobilization: \$651.84
Road Maintenance and Rockwear: \$4,153.39
Total: \$26,832.28

See Engineering packet for further details.
(see Engineering Appraisal for details).

Transportation

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Roseburg
Smokey Stouts Decks
ORR05-TS-2016.0008

Transportation was determined by using weighted midpoints and using total trucking hours to Utilization centers. Glendale was used for all timber coming off of the Cow Creek side and Riddle was used for all timber coming off the Stouts Creek side. Hours for Stouts Creek side was rounded up to 227 from 226.7 (in order to work in CAS). The additional 0.3 hours was added to the transportation on the 31-3-3.2 road. Mileage is weighted average. \$80.00/hour was used to determine cost. See transportation worksheet for additional details.

(see Transportation appendix for details).

Other Allowances

-Equipment Cleaning: Loader @ \$370.00/cleaning
Skidder & Delimber(Other Equipment) @ \$250.00/cleaning/piece = \$500.00
Total Equipment cleaning cost: \$870.00

-Slash disposal
Machine Piling (Pile and Cover): Estimate 63 machine piles throughout the sale

Prospectus

DBHOBs were not recorded due to the method used to determine volume. See notes in appraisal on estimating log deck volume.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Version: 5.2.0.9
Updated: 6/30/2014

Summary of All Roads and Projects

T.S. Contract Name: SMOKEY STOUTS Tract No: 16.0008 Sale Date: 11/17/2015
Prepared by: B. ALBIN Ph: 5414643328 Print Date: 10/21/2015 5:52:29 AM

200 Clearing and Grubbing: 0.0 acres	\$0.00
300 Excavation:	\$0.00
Haul < 500 ft: 0 sta-yds	
Haul > 500 ft: 0 yd-mi	
400 Drainage:	\$0.00
Culvert: 0 lf	DownSpout: 0 lf
PolyPipe: 0 lf	
500 Renovation:	\$0.00
700-1200 Surfacing:	\$1,720.00
Commercial Quarry Name: 3" minus 50 LCY	
1300 Geotextiles:	\$0.00
1400 Slope Protection:	\$0.00
1800 Soil Stabilization: 5.1 acres	\$20,307.05
Includes Small Quantity Factor of 1.36	
1900 Cattleguards:	\$0.00
2100 RoadSide Brushing: 0.0 acres	\$0.00
2300 Engineering: 0.00 sta.	\$0.00
2400 Minor Concrete:	\$0.00
2500 Gabions:	\$0.00
8000 Miscellaneous:	\$0.00
Mobilization: Const. \$651.84 Surf. \$0.00.....	\$651.84
Quarry Development:	\$0.00
Total: 600 mbf @ \$37.798/mbf =	\$22,678.89

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: SMOKEY STOUTS
Sale Date: 11/17/2015
Tract No: 16.0008

ROAD CONSTRUCTION SUMMARY

1/ Const/Impr/Renov/Decom/Temp 2/ yd-miles haul 3/ Lin ft CMP 4/ Lin ft Polypipe 5/ Lin ft Downspout 6/ slide removal cy

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
30-3-34.0	R	1.54								\$7,838							\$232		\$8,070
31-3-19.0	R	0.02					\$1,720										\$51		\$1,771
31-3-3.1	R	0.23								\$1,299							\$38		\$1,337
31-3-3.2	R	0.88								\$8,874							\$263		\$9,137
31-3-4.0	R	0.19								\$2,296							\$68		\$2,364

TIMBER SALE ROAD SPECIFICATIONS

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100	General
600	Watering
1000	Aggregate Base Course - Crushed Rock
1700	Erosion Control
1800	Soil Stabilization

TIMBER SALE ROAD SPECIFICATIONS

GENERAL – 100

101 - Prewrite 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

TIMBER SALE ROAD SPECIFICATIONS

expressed as the amount of pressure causing failure. Rupture or burst results from tensile failure of the geotextile material.

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.

TIMBER SALE ROAD SPECIFICATIONS

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

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.

TIMBER SALE ROAD SPECIFICATIONS

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.

TIMBER SALE ROAD SPECIFICATIONS

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.

TIMBER SALE ROAD SPECIFICATIONS

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.

TIMBER SALE ROAD SPECIFICATIONS

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 tamping 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 tamping 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 of 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

TIMBER SALE ROAD SPECIFICATIONS

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.

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 road bed.

TIMBER SALE ROAD SPECIFICATIONS

- 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.

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):

TIMBER SALE ROAD SPECIFICATIONS

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	-

- 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.
- 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.

TIMBER SALE ROAD SPECIFICATIONS

- 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.

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

TIMBER SALE ROAD SPECIFICATIONS

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, polyacrylamides, 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 - Straw wattles shall have a minimum diameter of 6 inches, constructed of weed free straw, and be 100% biodegradable. Wattles shall be installed such that they are in constant contact with the ground, and securely anchored with wood stakes.
- 1703b - Erosion control mats shall be constructed of weed free straw and be 100% biodegradable. Mats shall be anchored in place using 6" landscaping staples on a 1 foot spacing.
- 1703c - Polyacrylamide Clarifiers (blocks and granules) shall meet the following criteria:
- 1) The Polymer Clarifier must be anionic [negatively charged].
 - 2) No cationic formulations of a Polymer Clarifier will be accepted.
 - 3) The manufacturer must provide a toxicological report for the Polymer Clarifier, performed by a third-party, approved laboratory.
 - 4) The manufacturer must provide a test report indicating that the Polymer Clarifier, when tested with site-specific soils, demonstrates a lab performance level of at least 95% in reducing NTU or TSS levels.
 - 5) Polyacrylamide clarifiers must also pass the following tests: EPA/600/4-90/027F [acute testing]; EPA/600/4-91/022 [seven day chronic testing]; and EPS 1/RM/13 [96 hr static bioassay].
- 1703d - 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.

TIMBER SALE ROAD SPECIFICATIONS

- 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 1 st	To: October 15 th
---------------------------------	------------------------------

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.

- 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.

TIMBER SALE ROAD SPECIFICATIONS

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.

1808b - Wood cellulose fiber shall have the property of dispersing readily in water and shall have no toxic effect when combined with seed or other materials. The homogeneous slurry or mixture shall be capable of application with power spray equipment. A green-colored dye which is non-injurious to plant growth shall be used. Processed wood cellulose fiber shall be packaged in new, labeled containers in an air dry condition.

The Purchaser shall furnish a sample and descriptive literature to the Authorized Officer for approval prior to application. Processed wood cellulose fiber furnished by the Purchaser which has become wet or otherwise damaged in transit or storage will not be accepted.

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

TIMBER SALE ROAD SPECIFICATIONS

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.

- 1813 - The Purchaser shall furnish and apply to the area designated for special treatment as shown on the plans, a mixture of water nontoxic type hydromulch tackifier, wood cellulose fiber and granulated poly acrylamide in the following amounts:

Wood Cellulose Fiber	2000 Lbs / ac
Granulated Poly Acrylamide	50 Lbs / ac

- 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, cultipacker 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.

TIMBER SALE ROAD SPECIFICATIONS

- 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.

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

CONTRACT NAME: SMOKEY STOUTS SUPPRESSION DECK REMOVAL
CONTRACT NO: ORR05-TS-2016.0008

ROAD NUMBER	STA	TO	STA	MAINT.	SEDIMENT CTRL.	DECOM.	EXISTING SURFACE TYPE	PROPOSED BASE COURSE		PROPOSED SURFACE COURSE		ROAD DIMENSIONS			TYP. ROAD SECTION	SHEET NO.
								DEPTH	TYPE	DEPTH	TYPE	A	B	C		
31-3-3.1	0+00	-	11+90		X		ROCK						16		4	6
31-3-3.2	0+00	-	46+60		X		ROCK						16		4	6
31-3-4.0	0+00	-	10+10		X		ROCK						16		4	6
3-3-19.0	0+00	-	1+00	X			NATIVE	6"	1004A				16	14	4	6
31-3-34.0	35+50	-	81+20		X		ROCK						16		4	5

INDEX OF SHEETS	
SHEET	DESCRIPTION
1	ROAD SUMMARY
2	SUMMARY OF QUANTITIES
3	TYPICAL SECTIONS
4	VICINITY MAP
5	SEDIMENT CONTROL PLAN
6	SEDIMENT CONTROL PLAN
7	SEDIMENT CONTROL DETAIL



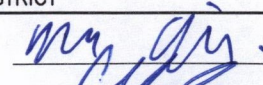
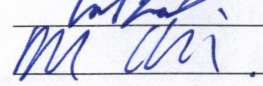
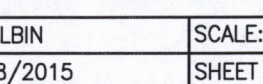
REV. NO.	DESCRIPTION	DATE	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS OREGON STATE OFFICE			
SMOKEY STOUTS ROAD SUMMARY			
ROSEBURG DISTRICT		OREGON	
ENGINEERING APPROVAL	<i>[Signature]</i>		
SUBMITTED	<i>[Signature]</i>		
RECOMMENDED	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DRAWN: B. ALBIN	SCALE: NONE		
DATE: 10/15/2105	SHEET 1 OF 7		
		BLM #	

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

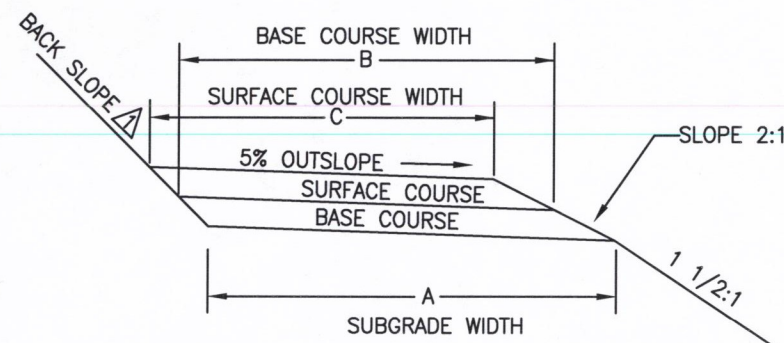
CONTRACT NAME: SMOKEY STOUTS SUPPRESSION DECK REMOVAL
CONTRACT NO: ORR05-TS-2016.0008

ROAD NUMBER	LENGTH	STRAW WATTLES	POLYACRYLAMIDE BLOCKS	GRANULATED POLYACRYLAMIDE	HYDRO - MULCH	EROSION CONTROL MATS	SURFACING
							1004A
UNITS	STATIONS	LINEAR FEET	EACH	LBS	ACRES	FT^2	C.Y.
31-3-3.1	11+90		1	25	0.5		
31-3-3.2	46+60	175	15	110	2.2	120	
31-3-4.0	10+10	30	2	25	0.5	240	
30-3-34.0	45+70	155	10	95	1.9	640	
31-3-19.0	1+00						50
TOTALS		360	28	255	5.1	1000	50

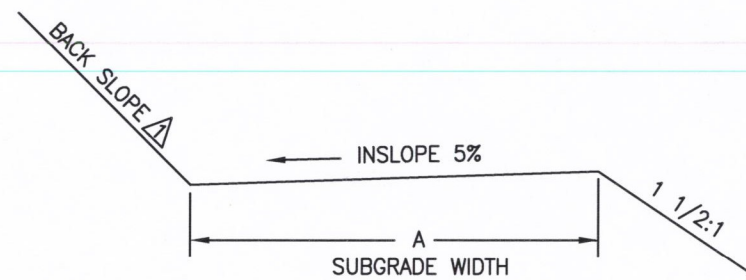
NOTE: ALL QUANTITIES ARE ESTIMATES AND NOT PAY ITEMS

REV. NO.	DESCRIPTION	DATE	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS OREGON STATE OFFICE			
SMOKEY STOUTS			
SUMMARY OF QUANTITIES			
ROSEBURG DISTRICT OREGON			
DESIGNED			
REVIEWED			
APPROVED			
DRAWN: B. ALBIN		SCALE: AS SHOWN	
DATE: 10/8/2015		SHEET 2 OF 7	
DRAWING NO. ORR05-TS-2016.0008		BLM #	

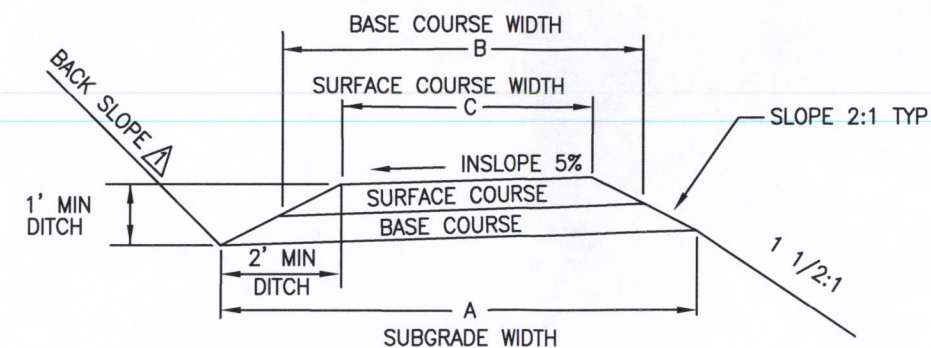




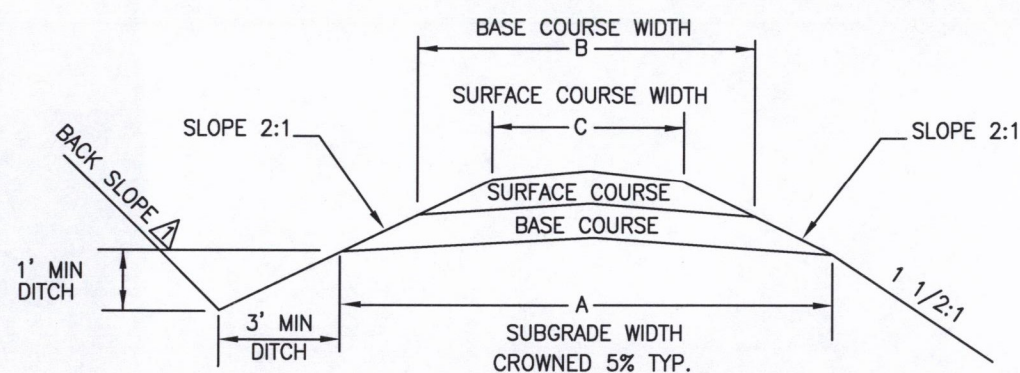
SECTION OUT SLOPE ROAD ①



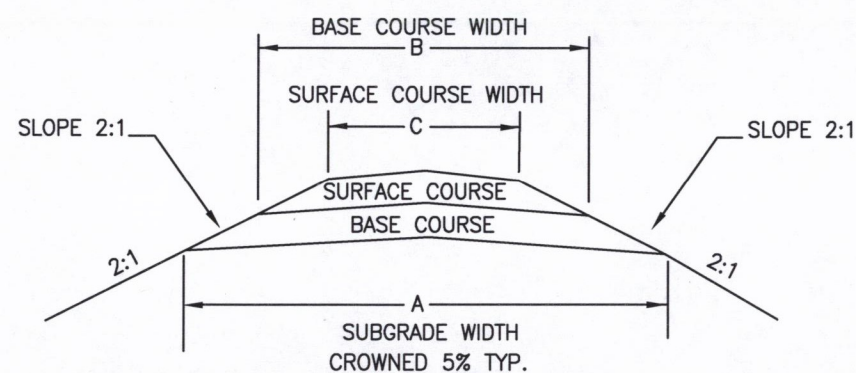
SECTION INSLOPE ROAD ②



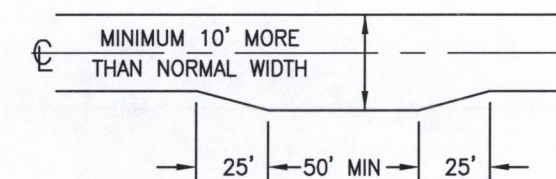
SECTION INSLOPE ROAD ③



SECTION ROAD ④



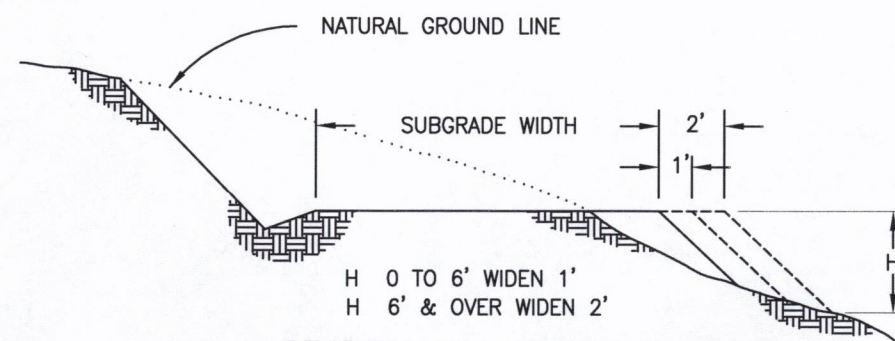
SECTION ROAD ⑤



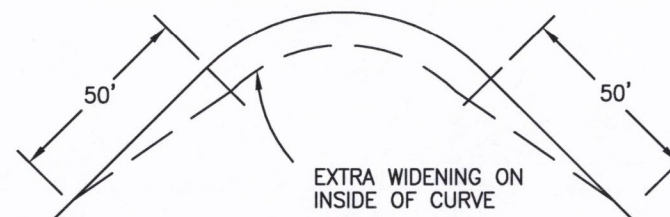
TYPICAL TURNOUT DIMENSIONS

NOTES:

1. Backslope to match existing backslope unless otherwise specified.
2. Backslope for Non-Design Roads:
Slopes under 50%, $\frac{3}{4}$:1
Slopes over 50%, $\frac{1}{2}$:1
Solid Rock $\frac{1}{4}$: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.



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.

REV. NO.	DESCRIPTION	DATE	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS OREGON STATE OFFICE			
SMOKEY STOUTS TYPICAL SECTIONS			
ROSEBURG DISTRICT		OREGON	
DESIGNED	<i>[Signature]</i>		
REVIEWED	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DRAWN: T. KING		SCALE: NONE	
DATE: 4-18-2014		SHEET 3 OF 7	
DRAWING NO. ORR05-TS-2016.0008		BLM #	



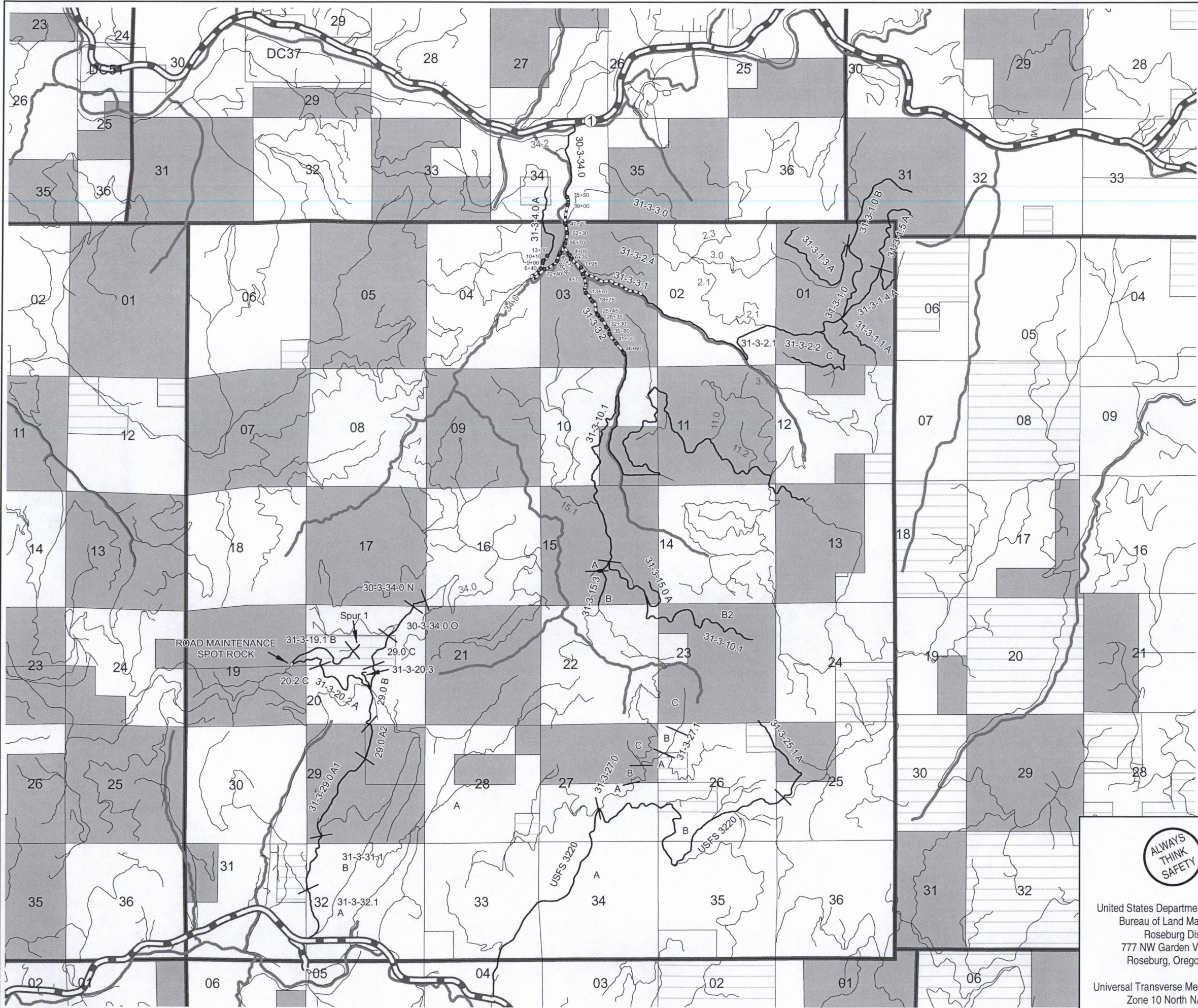


Exhibit C
VICINITY MAP
SMOKEY STOUTS



Willamette Meridian, Douglas Co., OR

0 1 Miles

- LEGEND**
- Sediment Control Points
 - County Road
 - Haul / Access Route
 - Hydromulch
 - Other Roads
 - Major Stream
 - Public Domain
 - BLM (O&C) Land
 - Non-BLM Land



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

Universal Transverse Mercator Projection
Zone 10 North NAD 1983

REV. NO.	DESCRIPTION	DATE	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS OREGON STATE OFFICE			
SMOKEY STOUTS VICINITY MAP			
ROSEBURG DISTRICT OREGON			
DESIGNED			
REVIEWED			
APPROVED			
DRAWN:	B. ALBIN	SCALE:	AS SHOWN
DATE:	10/8/2015	SHEET	4 OF 7
DRAWING NO.	ORR05-TS-2016.0008	BLM	

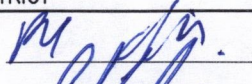
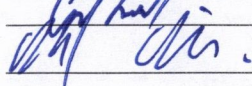
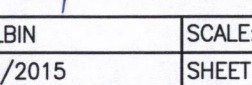
SEDIMENT CONTROL PLAN

Notes:

1. All work shall be conducted in accordance with attached specifications and the work items listed below. Existing features are noted at approximate station in the notes below. The Purchaser shall dispose of all sediment and sediment control devices removed as a part of the work described in this contract at a legal site.
2. All sediment control and maintenance 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 newly constructed turnouts.
4. All work shall be performed according to OSHA safety requirements.

STA	DESCRIPTION
	30-3-34.0
0+00	BEGIN STATIONING AT THE JUNCTION OF 30-4-34.0 AND TILLER TRAIL HIIGHWAY (CNTY 1)
6+30	JUNCTION WITH 30-3-34.2 ON RIGHT
35+50	EXISTING CULVERT. INSTALL 4 STRAW WATTLES AND 1 POLYACRYLAMIDE BLOCK IN THE DITCHLINE ABOVE THE CULVERT INLET. SEE DETAIL ON PAGE 7 BEGIN HYDROMULCHING WITH GRANULATED POLYACRYLAMIDE ADDITIVE, ALONG LEFT SIDE OF THE ROAD. MULCHING SHALL EXTEND 10' UPSLOPE FROM EDGE OF ROAD.
39+00	EXISTING CULVERT. INSTALL 2 STRAW WATTLES AND 1 POLYACRYLAMIDE BLOCK IN THE DITCHLINE ABOVE THE CULVERT INLET. SEE DETAIL ON PAGE 7.
47+20	EXISTING CULVERT. ON EACH SIDE OF THE CULVERT INLET: INSTALL AN EROSION CONTROL MAT, 5 STRAW WATTLES AND 1 POLYACRYLAMIDE BLOCK IN THE DITCHLINE. SEE DETAIL ON PAGE 7. BEGIN HYDROMULCHING WITH GRANULATED POLYACRYLAMIDE ADDITIVE (EXTENDING 10' FROM THE EDGE OF ROAD) ON BOTH SIDES OF THE ROAD.
52+20	JUNCTION WITH 31-3-3.0 ON LEFT
52+30	EXISTING CULVERT. ON EACH SIDE OF THE CULVERT INLET, INSTALL 2 POLYACRYLAMIDE BLOCKS IN DITCH LINE (1 EACH SIDE OF THE INLET) 30' FROM FROM INLET AT CULVERT OUTLET: LINE EXISTING TRENCH (30' LONG) WITH EROSION CONTROL MAT AND INSTALL 5 STRAW WATTLES. SEE DETAIL ON PAGE 7.
56+70	EXISTING CULVERT. INSTALL EROSION CONTROL MATT AND 1 POLYACRYLAMIDE BLOCK IN THE DITCHLINE ABOVE THE CULVERT INLET. SEE DETAIL ON PAGE 7.
58+50	JUNCTION WITH 31-3-3.1 ON LEFT
61+70	EXISTING BRIDGE OVER STOUTS CREEK. HYDROMULCH EXPOSED EARTH ON WEST SIDE OF BRIDGE
65+50	EXISTING CULVERT. ON BOTH SIDES OF THE CULVERT INLET, INSTALL 5 STRAW WATTLES AND 1 POLYACRYLAMIDE BLOCK. SEE DETAIL ON PAGE 7.
72+40	EXISTING CULVERT. INSTALL 1 POLYACRYLAMIDE BLOCK AT CULVERT INLET
81+20	JUNCTION WITH 31-3-4.0 ON RIGHT END SEDIMENT CONTROL



REV. NO.	DESCRIPTION	DATE	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS OREGON STATE OFFICE			
SMOKEY STOUTS			
SEDIMENT CONTROL PLAN			
ROSEBURG DISTRICT OREGON			
DESIGNED			
REVIEWED			
APPROVED			
DRAWN: B. ALBIN		SCALE: AS SHOWN	
DATE: 10/8/2015		SHEET 5 OF 7	
DRAWING NO. ORR05-TS-2016.0008		BLM #	

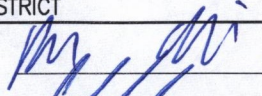
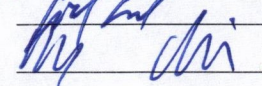
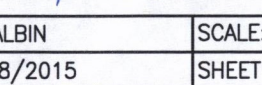
SEDIMENT CONTROL PLAN

Notes:

1. All work shall be conducted in accordance with attached specifications and the work items listed below. Existing features are noted at approximate station in the notes below. The Purchaser shall dispose of all sediment and sediment control devices removed as a part of the work described in this contract at a legal site.
2. All sediment control and maintenance 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 newly constructed turnouts.
4. All work shall be performed according to OSHA safety requirements.

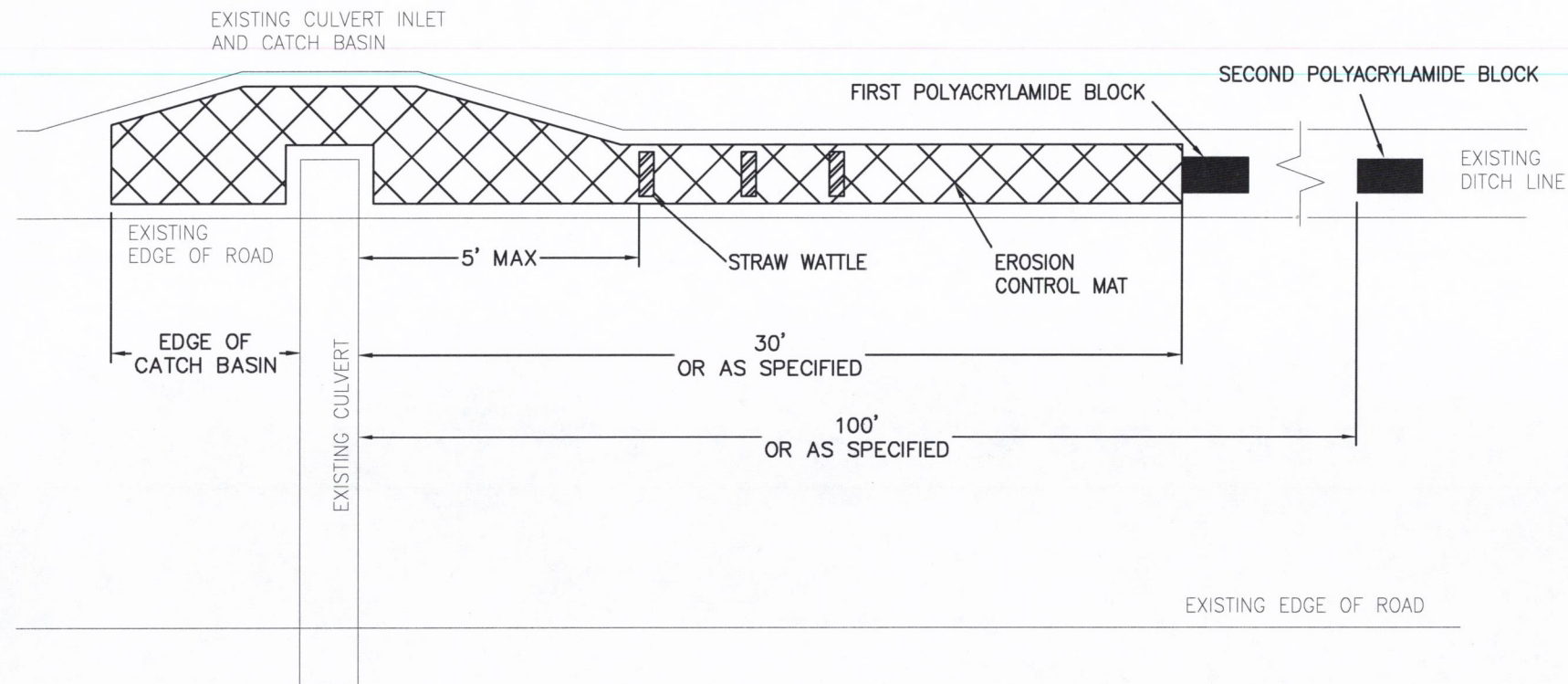
STA	DESCRIPTION
	31-3-3.2
0+00	BEGIN SEDIMENT CONTROL AT JUNCTION OF 31-3-3.2 AND 31-3-3.1 BEGIN HYDROMULCHING WITH GRANULATED POLYACRYLAMIDE ADDITIVE (EXTENDING 10' FROM THE EDGE OF ROAD) ON BOTH SIDES OF THE ROAD.
1+95	EXISTING CULVERT OUTLET ON LEFT (FROM ROAD NO. 31-3-3.1) INSTALL TEMPORARY SPLASH PAD AT OUTLET. SPLASH PAD MAY BE CONSTRUCTED USING LOGGING SLASH FOUND ON SITE OR WITH WEED FREE STRAW BALES. INSTALL 2 FLOC LOGS JUST BELOW THE SPLASH PAD, IMMEDIATELY FOLLOWED BY 10 STRAW WATTLES. SEE DETAIL ON PAGE 7.
4+80	EXISTING BRIDGE OVER EAST FORK STOUTS CREEK. HYDROMULCH EXPOSED GROUND AROUND BRIDGE APPROACHES
13+70	EXISTING CROSS DRAIN. INSTALL EROSION CONTROL MAT, 3 STRAW WATTLES, 1 POLYACRYLAMIDE BLOCK (30' UP THE DITCHLINE FROM THE INLET), AND 1 POLYACRYLAMIDE BLOCK (100' UP THE DITCHLINE FROM THE INLET). SEE DETAIL ON PAGE 7.
18+75	EXISTING CROSS DRAIN. INSTALL 3 STRAW WATTLES AND 1 POLYACRYLAMIDE BLOCK IN THE DITCHLINE ABOVE THE CULVERT INLET. SEE DETAIL ON PAGE 7.
25+45	EXISTING CROSS DRAIN. INSTALL 5 STRAW WATTLES, 1 POLYACRYLAMIDE BLOCK (30' UP THE DITCHLINE FROM THE INLET), AND 1 POLYACRYLAMIDE BLOCK (100' UP THE DITCHLINE FROM THE INLET). SEE DETAIL ON PAGE 7.
28+35	EXISTING CROSS DRAIN. INSTALL 3 STRAW WATTLES, 1 POLYACRYLAMIDE BLOCK (30' UP THE DITCHLINE FROM THE INLET), AND 1 POLYACRYLAMIDE BLOCK (100' UP THE DITCHLINE FROM THE INLET). SEE DETAIL ON PAGE 7.
32+30	EXISTING CROSS DRAIN. INSTALL 3 STRAW WATTLES, 1 POLYACRYLAMIDE BLOCK (30' UP THE DITCHLINE FROM THE INLET), AND 1 POLYACRYLAMIDE BLOCK (100' UP THE DITCHLINE FROM THE INLET) SEE DETAIL ON PAGE 7.
35+80	EXISTING CROSS DRAIN. INSTALL 3 STRAW WATTLES, 1 POLYACRYLAMIDE BLOCK (30' UP THE DITCHLINE FROM THE INLET), AND 1 POLYACRYLAMIDE BLOCK (100' UP THE DITCHLINE FROM THE INLET). SEE DETAIL ON PAGE 7.
41+00	EXISTING CROSS DRAIN. INSTALL 3 STRAW WATTLES, AND 1 POLYACRYLAMIDE BLOCK IN THE DITCHLINE ABOVE THE CULVERT INLET. SEE DETAIL ON PAGE 7.
46+60	EXISTING CROSS DRAIN. INSTALL 2 STRAW WATTLES, AND 1 POLYACRYLAMIDE BLOCK IN THE DITCHLINE ABOVE THE CULVERT INLET. SEE DETAIL ON PAGE 7. END HYDROMULCHING, END SEDIMENT CONTROL AREA

STA	DESCRIPTION
	31-3-4.0
0+00	BEGIN SEDIMENT CONTROL AT THE JUNCTION OF 31-3-3.4 AND 31-3-34.0 BEGIN HYDROMULCHING WITH GRANULATED POLYACRYLAMIDE ADDITIVE (EXTENDING 10' FROM THE EDGE OF ROAD) ON BOTH SIDES OF THE ROAD.
9+00	EXISTING CROSS DRAIN. INSTALL EROSION CONTROL MAT, 3 STRAW WATTLES, AND 1 POLYACRYLAMIDE BLOCK. SEE DETAIL ON PAGE 7.
10+10	EXISTING CROSS DRAIN. INSTALL EROSION CONTROL MAT, 3 STRAW WATTLES, AND 1 POLYACRYLAMIDE BLOCK. SEE DETAIL ON PAGE 7. END HYDROMULCHING, END SEDIMENT CONTROL AREA
	31-3-3.1
0+00	BEGIN SEDIMENT CONTROL AT THE JUNCTION OF 31-3-3.1 AND 31-3-34.0 BEGIN HYDROMULCHING WITH GRANULATED POLYACRYLAMIDE ADDITIVE (EXTENDING 10' FROM THE EDGE OF ROAD) ON BOTH SIDES OF THE ROAD.
4+05	EXISTING CULVERT, NO ADDITIONAL SEDIMENT CONTROL NEEDED.
6+25	EXISTING CULVERT. INSTALL 1 POLYACRYLAMIDE BLOCK AT CULVERT INLET
11+90	JUNCTION WITH 31-3-3.2 ON RIGHT END HYDROMULCHING, END SEDIMENT CONTROL AREA
	31-3-19.0
0+00	PLACE 50 CUBIC YARDS OF SPOT ROCK (3" MINUS, SPEC NO 1004A) AT THE INTERSECTION OF 31-3-19.0 AND 31-3-20.2

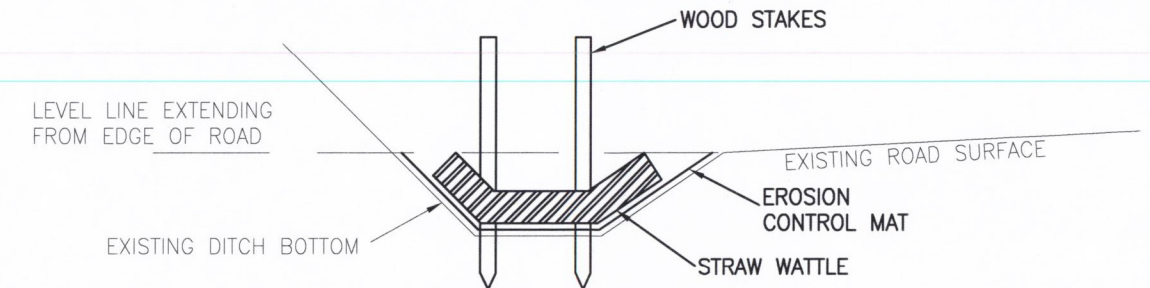
REV. NO.	DESCRIPTION	DATE	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS OREGON STATE OFFICE			
SMOKEY STOUTS SEDIMENT CONTROL PLAN ROSEBURG DISTRICT OREGON			
DESIGNED			
REVIEWED			
APPROVED			
DRAWN: B. ALBIN		SCALE: AS SHOWN	
DATE: 10/8/2015		SHEET 6 OF 7	
DRAWING NO. ORR05-TS-2016.0008		BLM #	



PLAN VIEW



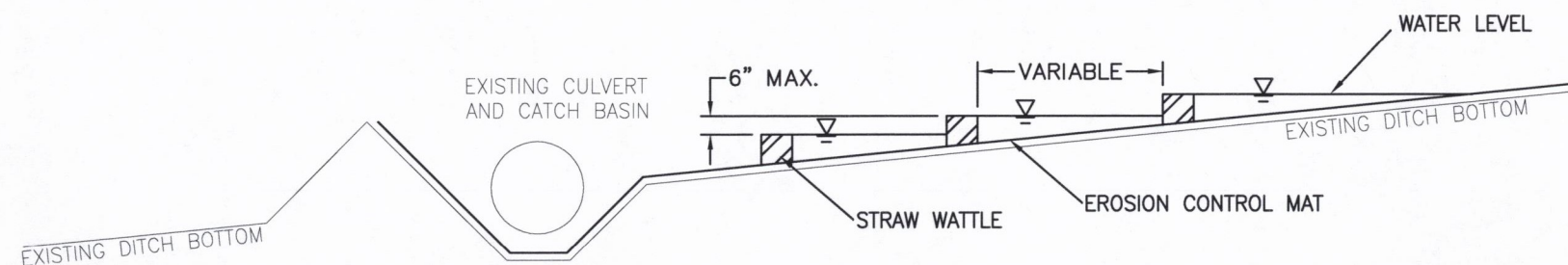
STRAW WATTLE SECTION VIEW



NOTES:

1. PURCHASER SHALL BE RESPONSIBLE FOR MAINTAINING SEDIMENT CONTROL DEVICES (CLEANING POLYACRYLAMIDE BLOCKS, EMPTYING SEDIMENT CATCH BASINS, ETC).
2. IF SEDIMENT CONTROL DEVICES SHOW SIGNS OF FAILURE, AND ENVIRONMENTAL DAMAGE IS LIKELY TO OCCUR, LOG HAUL SHALL BE TEMPORARILY SUSPENDED.
3. UPON COMPLETION OF HAUL, SEDIMENT CONTROL DEVICES AND THE COLLECTED SEDIMENT SHALL BE REMOVED FROM DITCH LINES.

PROFILE VIEW



REV. NO.	DESCRIPTION	DATE	APPROVED
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT DIVISION OF OPERATIONS OREGON STATE OFFICE			
SMOKEY STOUTS			
SEDIMENT CONTROL DETAIL			
ROSEBURG DISTRICT OREGON			
DESIGNED			
REVIEWED			
APPROVED			
DRAWN: B. ALBIN		SCALE: NOT TO SCALE	
DATE: 10/8/2015		SHEET 7 OF 7	
DRAWING NO.		BLM #	

