

Oregon Department of Forestry

2600 State St Salem OR 97310 PART III: EXHIBITS

EXHIBIT B

TIMBER SALE OPERATIONS PLAN

(See page 2 for instructions)

Date Received by State:			(5) S	tate Brand Informati	on (Complete)
(1) Contract Number:	WL-343-202	2-W00921-01			
(2) Sale Name:	Walker Tow	/ers			
(3) Contract Expiration D	oate: 06/30/2	2022			
(4) Purchaser Name:					
(6) State Representative	s:				
. Name		Circle One	Phone No	o. Cell N	lo. Alt Phone
		Logging Projects	All		
		Logging Projects	All		
		Logging Projects	All		
		Logging Projects	All		
(7) Purchaser Represent <u>Name</u>	tatives:	Circle One	Phone N	<u>o.</u> <u>Cell N</u>	No. Alt Phone
		Logging Projects	All		
		Logging Projects	All		
		Logging Projects	All		
		Logging Projects	All		
		Logging Projects	All		
		Logging Projects			
		Logging Projects			
3) Name of Subcontracto	rs and Start D	ates:			
	actor Name.	Start Date	Completion [<u>Cell N</u>	o. Alt Phone
Subo	contractor Na	me.	Start Date	Cell No.	Alt Phone
ELLING					
ARDING					
9) Comments:					

⁽¹⁰⁾ Operations Map: Attach a copy of timber sale Exhibit A or other suitable map which plainly shows the items listed on the instruction sheet.



Oregon Department of Forestry

2600 State St Salem OR 97310

PART III: EXHIBITS

EXHIBIT B INSTRUCTION SHEET FOR OPERATIONS PLAN

SUBMIT ONE COPY OF PLAN STATE

Operations shall be limited to the work shown in the plan until a revised plan or supplemental plan is submitted covering additional work. Compliance with this plan is not in lieu of compliance with any federal requirements related to the federal Endangered Species Act. If STATE has prepared a required Forest Practices Act (FPA) "Written Plan" for operations, PURCHASER shall comply with all provisions of the Written Plan.

Explanation of Item No.(from Page 1)

- (5) All sales require you to use a brand furnished by STATE. If the State brand has not been assigned when the plan is submitted, it will be furnished and assigned later. Complete drawing. If more than one brand is assigned to the sale, complete both drawings.
- (6) The contract requires you to have a designated representative available on the sale area or work location who is authorized to receive in your behalf any notice or instruction given by STATE and to take action in regard to performance under the contract. If logging and project work is widely separated, a representative is required for each.
- (7) The STATE representative will be designated when your plan is approved and is the person who will inspect and issue instructions regarding performance.
- (8) Show names of subcontractors to be used for any or all phases of the operations. If subcontractors are not Known, or are changed later, give notification to the STATE representative prior to commencement of work by subcontractor.
- (9) Show projected dates for commencement of both projects and logging. If projected dates need to be changed at a later date, notification must be given to the STATE representative by supplemental plan or otherwise, prior to commencement of such operations.
- (10) The STATE representative will furnish extra copies of Exhibit A of the contract for your use in preparing the operations map. The map shall use the following legend and show:
 - 1. Landing locations, approximate setting boundaries, and probable sequence of logging the settings. Number the settings in sequence.
 - 2. Locations of spur roads planned for construction, other than required by the timber sale contract. Provide spur road specifications
 - 3. Locations of proposed tractor yarding roads. Show if and how marked on the ground.
 - 4. Locations of temporary stream crossings.
 - 5. List the sequence of performing project work.
 - 6. Location of rock sources attach pit development plans.

() 1	Cable Landing, with numbers for sequence.
	Tractor Landing with alphabetical sequence
A	Approximate setting boundary.
//	Spur truck roads.
	Tractor yarding roads.
X	Temporary stream crossings.



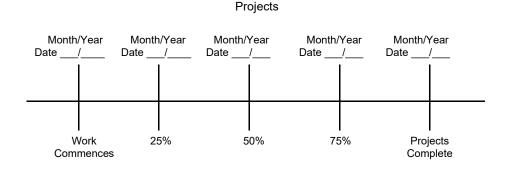
Oregon Department of Forestry

2600 State St Salem OR 97310

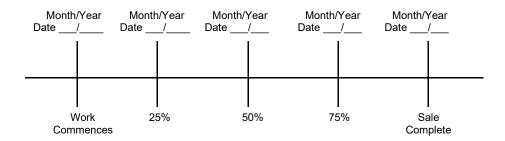
PART III: EXHIBITS EXHIBIT B OPERATIONS PLAN

Completion Timeline

Indicate on the appropriate timeline below, the dates by which you plan to complete the work as required under this contract. The purpose of this section is to develop a plan that will ensure you complete the work as required, and meet the interim completion date(s) and contract expiration date. This plan is incorporated and made a part of the contract. When, in the opinion of STATE, operations are not commencing in a manner that meets the intent of this plan, you may be placed in violation of contract and your operations suspended until an amended plan is submitted and approved by STATE.



Harvest & Other Requirements



The Federal Endangered Species Act (ESA) prohibits a person from taking any federally listed threatened or endangered species. Taking under the federal ESA may include alteration of habitat. STATE's approval of this plan does not certify that PURCHASER's operation under the plan is lawful under the federal ESA. As provided in the timber sale contract, PURCHASER's must comply with all applicable state, federal, and local laws.

PURCHASER's compliance with this plan is not in lieu of compliance with any federal requirements related to the federal Endangered Species Act.

APPROVED; Date:	SUBMITTED BY: PURCHASER
STATE OF OREGON - DEPARTMENT OF FORESTRY	
Title	Title



Oregon Department of Forestry EXHIBIT C - SAWMILL GRADE (WESTSIDE SCALE) SCALING INSTRUCTIONS - LOCATION APPROVAL - BRAND INFORMATION Western Lane - SOA

REVISION NUMBER 000 □ Date COUNTY: Lane CANCELLATION □ Date (10) STATE CONTRACT NUMBER: (2) TO: WL-343-2022-W00921-01 (Third Party Scaling Organization) (11) STATE BRAND REGISTRATION NUMBER: (3) FROM: Western Lane Phone (541) 935-2283	
(2) TO:	
(2) TO: WL-343-2022-W00921-01 (Third Party Scaling Organization) (11) STATE BRAND REGISTRATION NUMBER: (3) FROM: Western Lane Phone (541) 935-2283	
(Third Party Scaling Organization) (11) STATE BRAND REGISTRATION NUMBER: (3) FROM: Western Lane Phone (541) 935-2283	
(3) FROM: Western Lane Phone (541) 935-2283	
(State Forestry District) (12) STATE BRAND INFORMATION:	
Address: 87950 TERRITORIAL HWY	
VENETA,OR 97487-0157	
(4) PURCHASER:	
Mailing Address:	
Dhana Niamhan	
Phone Number: (13) PAINT REQUIRED: YES ☑	
(5) MINIMUM SCALING SPECIFICATIONS COLOR: Orange	
SPECIES MINIMUM NET VOLUME (14) SPECIAL REQUESTS (Check applicable)	
Conifers 10 PEELABLE CULL (all species)	
Hardwoods 10 NO DEDUCTIONS ALLOWED FOR	
MECHANICAL DAMAGE ☑	
*Apply minimum volume test to whole logs over 40' Westside ADD-BACK VOLUME - Deductions due to delay	
(6) WESTSIDE SCALE:	
Use Region 6 actual taper rule. Logs over 40'. OTHER:	
YES NO (15) REMARKS :	
(7) Weight Scale Sample □ ☑	
(8) APPROVED SCALING 8 +	
(8) APPROVED SCALING LOCATIONS (as shown on the ODF Approved Locations web-site) A b c c c c c c c c c c c c c c c c c c	
Locations web-site)	
(16) SIGNATURES:	
Purchaser or Authorized Representative Date	
Fulctiaset of Authorized Representative Date	
State Forester Representative Date	
State Forester Representative PRINT NAME	



Oregon Department of Forestry EXHIBIT C - SAWMILL GRADE INSTRUCTIONS FOR EXHIBIT C Western Lane - SOA

Pacific Rim Log Scaling Bureau, Inc.

Yamhill Log Scaling & Grading Bureau

P.O.Box 709, Forest Grove, OR 97116

Email: yamhilllog@frontier.com

Email: office@prlsb.com

8288 28th Court North East, Lacey, WA 98516

Phone: (360) 528-8710 Fax: (360) 528-8718

Phone: (503) 359-4474 Fax: (503) 359-4476

- (1) Check appropriate box. REVISION NUMBER requires comments. CANCELLATION requires logging and hauling to be complete, recall branding hammers.
- (2) Designate Third Party Scaling Organization (TPSO).

Columbia River Log Scaling & Grading Bureau P.O.Box 7002, Eugene, OR 97401

Phone: (541) 342-6007 Fax: (541) 342-2631

Email: services@crls.com

Mountain Western Log Scaling & Grading Bureau

P.O.Box 580, Roseburg, OR 97470

Phone: (541) 673-5571 Fax: (541) 672-6381 Email: info@southernoregonlogscaling.com

Northwest Log Scalers Inc.

6137 NE 63rd St, Vancouver, WA, 98661

Phone: (360) 553-7212 ext. 4 Fax:(360) 553-7213

Email: info@nwlogscalers.com

(3) State District office, address and phone.

- (4) Enter Purchaser's business name, address, and phone number as it appears on the Contract.
- (5) Minimum Scaling Specifications.
- (6) Westside Region 6 actual taper segment scale. Check Yes or No. Special Service Rules on file with TPSO. See: Segment Scaling and Grading of Long Logs - All Species - State Forestry Department Scaling Practices (Westside).
- (7) Weight Scale Sample Check box if sale is to be a Weight Scale Sample. All specifies for handling, scaling and processing will be attached or explained in the Remarks section item (15).
- (8) Show scaling locations only applicable to TPSO. Location name should appear as it does on the ODF Approved Scaling Location web site: https://apps.odf.oregon.gov/Divisions/management/asset_management/scalinglocation.asp_Locations with scaling and processing directions specific to their location should be on a separate form. Species should be identified if not capable of receiving "all" species. Check appropriate box for either: yard, truck scale, or weight. Refer to the web site listed above for the locations approval status.
- (9) Enter sale name and county.
- (10) Enter sale Contract number.
- (11) Enter Oregon's State Brand Registry Number (**REQUIRED**).
- (12) Show brand assigned to timber sale. One brand only. If more than one brand is assigned to the sale: (1) make a separate form for each brand and (2) on each form, explain and show other brand(s) in the Remarks section item (15).
- (13) Check yes for Paint Required and designate "Orange" for color. Non required removal volumes may sometimes require blue paint.
- (14) Special Requests. These are requests that will be applied to ODF timber sales. All boxes applicable to the timber sales designated in the Exhibit C form must be "marked". If "Other" is indicated, it must contain a description and any necessary comments.
- (15) Use this space to designate any weight scale sample instructions or any other explanations to clarify scaling, processing and/or mailing requirements. If additional scaling locations are approved, revise original or current form showing all (old and new) locations. Check REVISION box at top of form and explain under remarks. Route as indicated.
- (16) Require purchaser to sign and date completed form in addition to State Forester Representative, sign <u>and</u> print name on the form. Signatures not required on revisions.



Oregon Department of Forestry EXHIBIT C - PULP SORT PROCESSING INSTRUCTIONS - LOCATION APPROVAL BRAND INFORMATION

Western Lane, SOA

(1)	ORIGINAL REGISTRATION Date) (9	9) SALE	NAME:	Walker Lowers		
	REVISION NUMBER 000 ☐ Date	 e	COU	NTY:	Lane		
	CANCELLATION Date	e (1	10) STAT	E CONTRA	CT NUMBER:		
(2)	TO:		WL-34	13-2022-W00	0921-01		
	(Approved Pulp Processing	Facility) (1	11) STAT	E BRAND R	REGISTRATION NUMBE	======================================	
(3)	FROM: Western Lane Phone (541 (State Forestry District)) 935-2283 (1	2) STAT	E BRAND IN	IFORMATION:		
	Address: 87950 TERRITORIAL HWY						
	VENETA,OR 97487-0157			1			
(4)	PURCHASER:			1			
(5)	Scaling Bureau (TPSO) Processing Weight receipts:			<u></u>			
	Mailing Address:		13) REMA	ARKS:			
	Phone Number:						
(6)	STATE Definition of Approved Pulp Sort:	o)perator's N	Name (Option	nal inclusion by District)	ı:	
	• Top portion of the tree (tops).	<u> </u>					
	All logs with a diameter (Big End) greater	(1	14) SIGN	ATURES:			
	than <u>9</u> inches marked with blue paint.						
(7)	PULP FACILITY PROCESSING INSTRUCTION) urabaaar a	ar Authorizod	d Depresentative	Date	
	• Pulp loads shall be weighed in lieu of scaling.	P	Purchaser or Authorized Representative Date				
	• One Ton = 2000 lbs (Short Ton).	<u> </u>					
	Pulp loads shall have a yellow Log Load Received	eipt attached.	State Fores	ter Represer	ntative	Date	
	Gross weight and truck tare weight for each lo machine printed on the weight receipt.	oad shall be					
	Weigher shall sign the weight receipt.	S	State Fores	ter Represe	ntative PRINT NAME		
	 Weigher shall record the Log Load Receipt no weight receipt. 	umber on the					
	 Weigher shall attach the Weight receipt to the Receipt and mail them weekly to the TPSO pro Weight receipt. 						
(8)	TPSO PROCESSING INSTRUCTIONS						
	Submit data files daily (or each day of activity	·).					
	Mail or deliver scale tickets weekly to ODF He	eadquarters in					

Notify the District within one hour when branding is inadequate for quick identification, the logs are marked with orange paint, the receipts are missing, not correctly or completely filled out, and/or logs do not meet the specifications of the STATE definition of Approved Pulp Sort.

General Distribution: TPSO, Approved Scaling Locations and Purchaser.



Oregon Department of Forestry EXHIBIT C - PULP SORT INSTRUCTIONS FOR EXHIBIT C

Western Lane, SOA

- (1) Check appropriate box. REVISION NUMBER requires comments. CANCELLATION requires logging and hauling to be complete, recall branding hammers.
- (2) Approved Pulp Processing Facility. Write in as written in the Approved Log Delivery Location https://apps.odf.oregon.gov/Divisions/management/asset_management/scalinglocation.asp
- (3) State District office, address and phone.
- (4) Enter Purchaser's business name, address, and phone number as it appears on the Contract.
- (5) Third Party Scaling Organization that will be processing the weight tickets, mailing address, and phone number.

Columbia River Log Scaling & Grading Bureau P.O.Box 7002, Eugene, OR 97401 Phone: (541) 342-6007 Fax: (541) 342-2631

Email: services@crls.com

Mountain Western Log Scaling & Grading Bureau P.O.Box 580, Roseburg, OR 97470 Phone: (541) 673-5571 Fax: (541) 672-6381 Email: info@southernoregonlogscaling.com

Northwest Log Scalers Inc. 6137 NE 63rd St, Vancouver, WA, 98661 Phone: (360) 553-7212 ext. 4 Fax:(360) 553-7213 Email: info@nwlogscalers.com Pacific Rim Log Scaling Bureau, Inc. 8288 28th Court North East, Lacey, WA 98516 Phone: (360) 528-8710 Fax: (360) 528-8718 Email: office@prlsb.com

Yamhill Log Scaling & Grading Bureau P.O.Box 709, Forest Grove, OR 97116 Phone: (503) 359-4474 Fax: (503) 359-4476 Email: yamhilllog@frontier.com

- (6) Big end of log is not to exceed 2 inches greater than the minimum removal specifications in the contract. Example: Minimum removal specifications 6 inches and 20 board feet, then the Big end of log not to exceed 8 inches. When conifer and hardwood removal specifications are different, use the smaller removal diameter to determine this specification.
- (9) Enter sale name and county.
- (10) Enter sale Contract number.
- (11) Enter Oregon's State Brand Registry Number (REQUIRED).
- (12) Show brand assigned to timber sale. One brand only, if more than one brand is assigned to the sale: (1) make a separate form for each brand and (2) on each form, explain and show other brand(s) in the Remarks section Item (13).
- (13) Use this section to list any special instructions or the reason for any revisions in section item (1).
- (14) Require purchaser to sign and date completed form in addition to State Forester Representative, sign <u>and</u> print name on the form. Signatures not required on revisions.

EXHIBIT D FOREST ROAD SPECIFICATIONS

Road	Subgrade Width	Surfaced Width	STATION TO STATION	POINT TO POINT	Drainage
Walker Creek Rd	16'	12'		A to B	Crowned
Spur 1	16'	12'	0+00 to 19+20	B to C	Crowned
Spur 1a	16'	12'	0+00 to 6+74	D to E	Crowned

Surface width shall be increased to accommodate off-tracking on horizontal curves.

<u>CLEARING</u>. This work shall consist of clearing, removing, and disposing of all trees, Snags, Down Timber, brush, surface objects, and protruding obstructions within the clearing limits.

Where clearing limits have not been marked, the clearing limits shall extend 10 feet back of the top of the cut slope and 10 feet out from the toe of the fill slope, or as directed by STATE. The "Road Brushing Specifications" in Exhibit F shall apply. Clearing debris shall not be placed or permitted to remain in or under any road embankment sections. Clearing debris shall not be left lodged against standing trees.

All danger trees, leaners, and Snags outside the clearing limits which could fall and hit the road shall be felled.

GRUBBING. This work shall consist of the removal or digging out of stumps and protruding objects.

All stumps shall be completely removed within the limits of required grubbing. Stumps overhanging cut slopes shall be removed. Grubbing debris shall not be placed or permitted to remain in or under any road embankment sections. Grubbing debris shall not be left lodged against standing trees.

GRUBBING CLASSIFICATION.

New construction - from the top of the cut slope to the toe of the fill.

Improvements and reconstructions - 4 feet back from the shoulder of the subgrade or ditch, whichever is widest, or as marked in the field.

<u>CLEARING AND GRUBBING DISPOSAL</u>. Scatter in stable locations through openings in the timber outside of the cleared right-of-way, except areas where end-haul is required. In areas where end-haul is required, clearing and grubbing debris shall be fully contained and hauled to a designated waste area. Clearing and grubbing debris shall be left in a stable location, and not left lodged against standing trees.

Page 2 of 4

EXHIBIT D FOREST ROAD SPECIFICATIONS

EXCAVATION. Excavation and grading shall not be done when weather and/or ground conditions are such that damage will result to existing subgrade or cause excessive erosion.

Excavation shall conform to STATE-specified lines, grades, dimensions, and plans when provided.

Unless road plans show otherwise, all roads shall be on a balanced cross section, except when the slope is over 50 percent, the road shall be on full bench for the width specified.

Suitable excavated material shall be used for the formation of fills, shoulders, and drainage structure backfills. Embankment materials shall be free of woody debris, brush, muck, sod, frozen material, and other deleterious materials.

Sidecast includes any road generated excess excavation material which is not essential as part of the road prism, is not compacted, and is below the roadway. Sidecast shall not be placed where it will enter a stream course. Leaving sidecast below the road is only permissible if specifically allowed in "Full Bench and End Haul Requirements" in this Exhibit.

All fills shall be machine compacted according to the "Compaction and Processing Requirements" in this Exhibit.

<u>ROAD WIDTH LIMITATIONS</u>. PURCHASER shall obtain advance written approval from STATE to construct the road to a greater width than specified. Extra subgrade width shall be required for:

Fill Widening. Add to each fill shoulder 1 foot for fills 3 feet to 6 feet high; 2 feet for fills over 6 feet high.

<u>Curve Widening</u>. Widen the inside shoulder of all curves as specified in the plans or as follows: 400 divided by the radius of the curve equals the amount of extra width.

DRAINAGE

<u>Subgrade</u>. Subgrade shall be crowned, insloped, or outsloped at 4 to 6 percent as shown on the "Forest Road Specifications" table in this Exhibit or as specified by STATE.

<u>Ditch</u>. Construct "V shaped ditch 3 feet wide and to a depth of 1 foot below subgrade.

Ditchouts. Construct ditchouts to drain away from subgrade at locations marked in the field or as directed by STATE.

<u>TURNOUTS</u>. Increase roadbed width an additional 8 feet for both subgrade and surfacing. Length shall be at least 25 feet, or as staked on the ground, plus 25-foot approaches at each end.

Location: Intervisible but not greater than 750 feet apart and as marked in the field.

<u>SLOPES</u>	Back Slopes	<u>Fill Slopes</u>
Solid Rock	Vertical to 1/4:1	
Fractured Rock	1/4:1	
Soil - side slopes 50% and over	³⁄4:1	
Soil - side slopes less than 50%	1:1	1½ :1

Top of cut slope shall be rounded were specified by STATE.

Page 3 of 4

EXHIBIT D FOREST ROAD SPECIFICATIONS

<u>LANDINGS</u>. Landings shall be constructed as posted in the field, no less than 50 feet wide and no more than 70 feet wide unless otherwise approved by STATE. Surface is to be outsloped or crowned for drainage with general grade no more than 3 percent. Surface as shown in the "Road Surfacing" table in this Exhibit.

TURNAROUNDS. Increase subgrade width an additional 20 feet for a length of 20 feet at locations marked in the field.

<u>SEASONAL WINTERIZATION</u>. All unsurfaced roads or unfinished subgrades shall be waterbarred in accordance with the specifications in Exhibit E, and blocked from vehicular traffic prior to October 31, annually and as directed by STATE.

GENERAL ROAD CONSTRUCTION/RECONSTRUCT INSTRUCTIONS:

- (1) Roadside Brushing. Conduct roadside brushing as specified in Exhibit F.
- (2) <u>Timber Removal</u>. Remove all trees within posted right-of-way, as specified in Section 2210, "Designated Timber."
- (3) <u>Bank Slough Removal</u>. Dig out all bank sloughs. Bank slough material shall not be pulled across existing surfacing rock but shall be placed in nearby waste areas and uniformly sloped and compacted for drainage, as directed by STATE.
- (4) <u>Drainage Ditches</u>. Restore or construct ditch lines, including ditchouts, as directed by STATE. Clean out any plugged culvert inlets and outlets. Waste materials from drainage ditches and sediment basins shall not be pulled across existing surfacing rock but shall be placed in nearby waste areas and uniformly sloped and compacted for drainage, as directed by STATE. Damaged culvert inlets and/or outlets shall be repaired by opening them with a hydraulic jack or cutting off the culvert end to allow for free passage of water at peak flow levels.
- (5) Excavated Materials. Excavated materials shall be utilized for road construction and hauled in where necessary. Surplus excavation materials shall be hauled to the waste areas as marked in the field and/or designated on Exhibit A. Surplus excavated materials and waste materials shall be sloped and compacted for drainage. Fills shall be thoroughly compacted in accordance with this Exhibit.
- (6) <u>Stream crossings and Cross Drains</u>. Culverts shall be installed as directed by STATE and in accordance with this Exhibit. The Location of the culverts shall be marked by STATE. A STATE representative will mark the location after the completion of the subgrade. Rocking shall not occur until all culverts have been installed unless otherwise approved in writing by STATE. Each culvert shall be backfilled with some crushed rock or provided extra surfacing rock allocated over the culvert on the running surface or compact the soil with a tamping device. Operator shall provide adequate support around the culvert.
- (7) Subgrade Preparation and Application of Surfacing Rock.
 - (a) Complete culvert installations, drainage ditches, ditchouts, fill construction, and other specified work prior to the application of surfacing rock.
 - (b) Subgrade shall be crowned, insloped, or outsloped at 4 to 6 percent.
 - (c) Upon completion of above required work, apply, process, and compact surfacing rock in accordance with specifications in the "Compaction and Processing Requirements" in this Exhibit. Final road surface shall be crowned or outsloped at 4 to 6 percent.

The subgrade shall be approved by STATE prior to the application of rock.

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EXHIBIT D FOREST ROAD SPECIFICATIONS

SPECIFIC ROAD IMPROVEMENT INSTRUCTIONS

Walker Creek rd

A to B

Grade and shape running surface and maintain existing drainage. Blade off any organic material and remove woody debris within the road prism. Clear ditches of debris, re-establish ditches where needed, clear out catch basins, and unplug inlets/outlets along the road. Purchaser is required to maintain during entirety of sale.

Rocking Instructions:

A to B None

Spur 1

B to C

Grade and shape running surface and establish drainage. Blade off any existing organic material on running surface. The operator shall maintain or re-establish drainage for the entire road based on current road shape and grade. Clearing ditches of debris, re-establishment of ditches where needed, clearing out catch basins and unplugging or cleaning culverts along the road. Purchaser is required to maintain during the entirety of sale.

Conduct roadside brushing in accordance to Exhibit F.

Construct landing no less than 50 feet wide and no more than 70 feet wide at the temporary spur location indicated in Exhibit A.

Rocking Instructions:

B to C None

Spur 1a as shown on Exhibit A:

D to E

Grade and shape running surface and establish drainage. Blade off any existing organic material on running surface. The operator shall maintain or re-establish drainage for the entire road based on current road shape and grade. Clearing ditches of debris, re-establishment of ditches where needed, clearing out catch basins and unplugging or cleaning culverts along the road. Purchaser is required to maintain during the entirety of sale.

Conduct roadside brushing in accordance to Exhibit F.

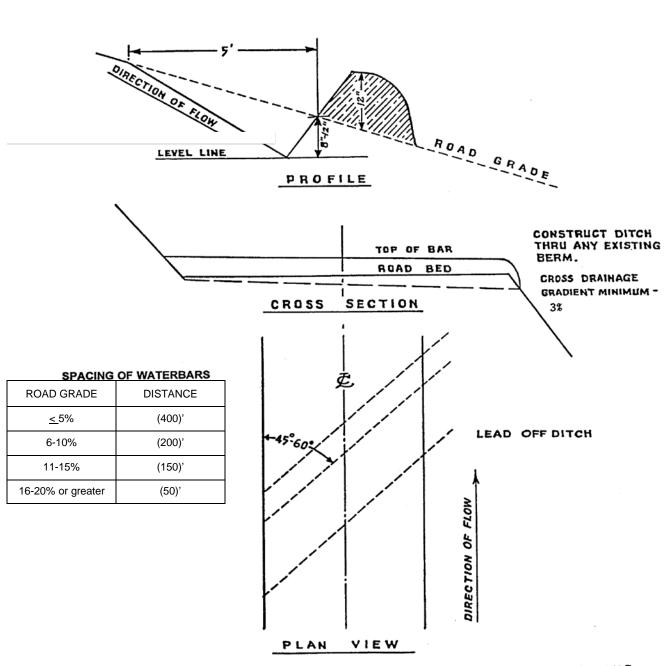
E Construct landing no less than 50 feet wide and no more than 70 feet wide.

Rocking Instructions:

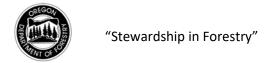
D to E None



EXHIBIT E WATERBAR SPECIFICATIONS



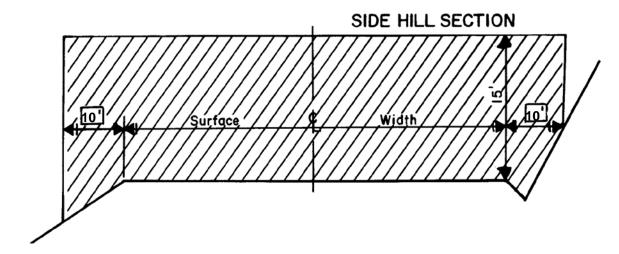
WATERBAR SPECIFICATIONS FOR CROSS DITCHING #298



Page 1 of 2

EXHIBIT F ROAD BRUSHING SPECIFICATIONS





Page 2 of 2

EXHIBIT F ROAD BRUSHING SPECIFICATIONS

REQUIREMENTS

The minimum height of clearing shall be 15 feet from the road surface, and the minimum width of clearing on the cut slope side of the road shall be 10 feet horizontal distance from the shoulder of the road and 10 feet horizontal on the down slope side from the road shoulder.

Brush and trees shall be cut to a maximum height of 6 inches above the ground surface or obstructions such as rocks or existing stumps.

Debris resulting from the brushing operation shall be removed from the roadway, cut slope, ditches, water courses, culvert inlets and outlets and sediment catching basins. Debris shall be mulched or scattered downslope from the road or placed in other stable locations. Large debris, 6 inches or larger in diameter, shall be mulched or cut into lengths 6 feet or less to facilitate rapid decay, unless otherwise approved by STATE.

Trees larger than 6 inches in diameter at stump height, located within clearing limits but outside of the ditch line or shoulder, shall not be cut down, but shall be limbed for road visibility. Planted or established conifers, located within brushing limits but outside of the ditch line or shoulder, shall not be cut down, but shall be limbed for road visibility unless otherwise directed by STATE.

Existing debris on the roadway, cut slope, ditch line, or catch basin shall be removed and treated. Debris shall be mulched or scattered downslope from the road or placed in other stable locations. Large non-merchantable debris, 6 inches or larger in diameter, shall be mulched or cut into lengths 6 feet or less to facilitate rapid decay, unless otherwise approved by STATE.

Merchantable blown down trees encountered shall be bucked in lengths as directed by STATE, and placed in locations acceptable to STATE, or pushed out of the road prism.

When spur roads to be brushed end with a Landing, the Landing is to be brushed as directed by STATE.

<u>CULVERT DAMAGES</u>. Culverts damaged, or any portion of a marker damaged from PURCHASER activities shall be assessed a damage fee.