

TRAFFIC CONTROL PLAN AND SPECIFICATIONS PURSUANT TO BT6.33 SAFETY

Unless otherwise agreed, the following measures are required to provide adequate warning of hazards for users of roads and trails adjacent to Purchaser's Operations.

Part I. Signing and Other Warning Methods:

(a) Signs. The following signs are required when Purchaser's Operations are in progress adjacent to or on Forest Service controlled roads and trails:

<u>MINIMUM LETTER SIZE AND LEGEND</u>	<u>MINIMUM SIZE AND SHAPE</u>	<u>WHEN AND WHERE REQUIRED</u>
1. LOGGING OPERATIONS NEXT <> MILES (4" letters)	24" (rectangle) 36"	Min. 100 ft. outside of any continuous work areas, on roads listed in CT5.31# and trails listed in Part II.
2. LOGGING OPERATIONS (3" letters)	24" (diamond) 24"	To be used in conjunction with "Logging Operations Next <> Miles" and where work area is not continuous.
3. FOR LOGGING USE ONLY (3" letters)	24" (diamond) 24"	Required where roads listed in CT5.31# and temporary roads intersect with CT5.31# roads. Install a cross ditch to discourage use when sign is covered or removed for extended periods.
4. TRUCKS (4" letters)	24" (diamond) 24"	At critical intersections on roads listed in CT5.31# when traffic is heavy or otherwise exceeds volumes stated in Part II below. Remove or cover when the sign is not applicable.
5. END LOGGING OPERATIONS (4" letters)	24" (rectangle) 36"	Use in conjunction with "Logging Operations Next <> Miles" and "Logging Operations."
6. TREE FELLING AHEAD (3" letters)	24" (diamond) 24"	Required 200 feet in advance of danger area where timber is being felled adjacent to all roads, including temporary roads, and trails.
7. ROAD MACHINERY AHEAD (3" letters)	24" (diamond) 24"	Required at least 200 feet in advance of Purchaser road maintenance operations on roads listed in Schedule CT5.31#.

TRAFFIC CONTROL PLAN AND SPECIFICATIONS – BT6.33 Safety (continued)

All signs shall meet requirements as specified in Parts I and VI of the Manual of Uniform Traffic Control Devices (MUTCD).

Sign borders and lettering shall be black. Borders are 1/2 inch wide, inset 1/2 inch from outside edge of sign. All sign backgrounds shall be orange, except signs #1 and 5 which shall be reflectorized orange.

Signs shall be installed on posts, with a 5 foot minimum ground clearance, or on temporary supports complying with MUTCD standards.

All signs are to be removed or covered when operations are interrupted for seasonal nonuse or other extended periods.

Purchaser shall furnish flag personnel and advance warning signs when cable or helicopter logging above roads or trails, felling adjacent to roads or trails, where logs being bucked may roll into roads or trails, and in areas where fallout from blasting may occur. On roads listed in CT5.31# and temporary roads, Purchaser may temporarily block the road in lieu of furnishing flag personnel.

(b) Barricades. On roads listed in CT5.31#, if Purchaser's Operations cause the traveled way or road shoulders to be constricted overnight, or longer, by such obstructions as decked logs, parked equipment, or piled slash, Purchaser shall place barricades on both sides of the encroaching obstruction to safely channel traffic around such obstructions. Barricades shall remain in place until the obstruction is removed.

Barricades shall be Type II and meet specifications in MUTCD, Part VI. Barricades must be at least 3 feet high. Rails must be at least 2 feet long. Striping shall be alternating orange and white, sloping at a 45 degree angle, and reflectorized. For rails 2 feet to 3 feet long, striping shall be 4 inches wide. For rails longer than 3 feet, striping shall be 6 inches wide. Two rails, 8-12 inches in width, must face each direction.

Barricades shall be equipped with warning lights which shall be Type A low intensity flashing and shall be maintained so as to be capable of being visible on a clear night from a distance of 3,000 feet.

(c) Other Traffic Control Methods. The posting of CB channel signs may be authorized.

On roads listed in CT5.31#, Purchaser may be authorized to install temporary gates, barricades (except cables), or natural barriers. The devices must be installed with the necessary hazard markers, be reasonably passable by Forest Service, and be removed prior to acceptance of the subdivision being served by the road.

Part II. Specific Requirements:

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Purchaser and Forest Service agree to the above stated requirements of the Traffic Control Plan:

_____ Name

_____ Name

_____ Title

_____ Title

_____ Date

_____ Date

TABLE PURSUANT TO CT5.12# - USE OF ROADS BY PURCHASER. (06/1999)

Purchaser's use of existing roads identified on Sale Area Map by the following codes is prohibited or subject to restrictive limitations, unless agreed otherwise:

<u>Code</u>	<u>Use Limitations</u>
X	Hauling prohibited
R	Hauling restricted
U	Unsuitable for hauling prior to completion of agreed reconstruction
P	Use prohibited
A	Public use restriction
W	Regulation waiver

Roads coded A will be signed by Forest Service to inform the public of use restrictions. Purchaser's use of roads coded R, A, or W shall be in accordance with the following restrictions:

Road Number	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
2672 ^{1/2}	Hackleman Cr	Hwy 126	Rd 2672655	R	^{1/} Haul on Road 2672 is not allowed evenings or weekends, or during long holiday periods (Memorial Day, 4 th of July and Labor Day), unless waived by Contracting Officer. ^{2/} These Roads have limited strength and are likely to be damaged if used when adverse conditions exist in the roadbeds. When authorized for use, placement of additional aggregate at the expense and by the purchaser shall be planned to support haul during poor weather conditions.
2672655 ²	East Smith	Rd 2672	Unit 1	R	

CT6.315# - SALE OPERATION SCHEDULE (06/1994)

PAYMENT UNIT	Operating Conditions	Purpose
1	Restrict Haul during <ul style="list-style-type: none">• Evenings, 6:00PM - 12:00AM• Weekends, Friday 6:00PM - Monday 6:00AM• All Federal Holidays	Public Safety
1	These roads have limited structural strength and are likely to be damaged if used when adverse conditions exist in the roadbeds. Haul is restricted during wet weather.	Minimize water resource impacts

CT6.41# -Specific Requirements (01/2000)

FELLING METHODS

1. Directional Felling shall be utilized.
2. Directional Felling shall be utilized to protect existing streamcourses, buffers, and residual trees.

PAYMENT UNIT

1

1

FELLING EQUIPMENT

The use of tree jacks, wedges or tree lining may be required, however, the required methods used shall not be limited to these options.

PAYMENT UNIT

1

CT6.42# - Yarding/Skidding Requirements (06/2010)**YARDING/SKIDDING REQUIREMENTS****PAYMENT UNIT**

- | | |
|--|-----------------|
| <p><u>A. Prior to all</u> operations commencing, purchaser shall submit a plan of operations, specifying, but, not limited to:</p> <ol style="list-style-type: none"> 1. haul road access to and from payment unit, 2. all proposed temporary landings, 3. falling of trees, 4. decking areas. | <p>1</p> |
| <p><u>B. Purchaser is alerted that:</u></p> <ol style="list-style-type: none"> 1. No fueling or fuel storage within 150' of a stream or body of water. 2. Repair of road damage due to landings will be required to be kept current. 3. A rock cost allowance, for landings on roads, that have resulted in road surface damage is included within Development and Other of Timber Sale Appraisal. This is for pre and post operational repair that will be required on all landing sites on roads to restore the road to preoperational conditions. A cost allowance for approximately <u>10 Cubic Yards</u> of rock has been made. Landings should be rocked or armored with a size and quality of rock to support required operational use. The replacement rock to repair the damage to the road surface will be compatible with contractual road maintenance specifications. This may require a 1" minus cap to meet the final inspection and specifications. | <p>1</p> |
| <p><u>C. Ground Base</u> yarding equipment is required to operate on existing roadway 2672655 or established turnouts.</p> <ol style="list-style-type: none"> 1. No skid trails shall be approved. 2. Log landings or log beds shall be limited to existing roadways and established turnouts. 3. Ground base yarding system capable of lifting lead end of log to minimize resource damage. 4. Ground base yarding equipment equipped with an arch and a winch line, an minimum of 75 feet. | <p>1</p> |

APPLICATION SCHEDULE PURSUANT TO CT6.6# - EROSION CONTROL AND SOIL TREATMENT BY PURCHASER (04/2014)

PAYMENT UNIT OR UNIT NUMBER	AREAS	SEED		FERTILIZER		MULCH	
	A) SKID TRAILS B) FIRELINES C) TEMP. ROADS D) LANDINGS E) OTHER	APPLICATION		APPLICATION		APPLICATION	
		SPECIES 1/ MIXTURE	LBS/AC	TYPE 2/	LBS/AC	TYPE 3/	LBS/AC
1	D, E	1/		N/A	N/A	N/A	N/A

1/ Seed mixture will be any of the following: winter wheat, spring wheat, or triticale. Seed will be certified weed free (Blue tag). Application rate will be 20 lbs/acre. Purchaser or sub-contractor that does the actual purchase of the seed will coordinate the acquisition of the seed with the Forest Service.

The purchaser will be required to pay a co-op deposit of: \$0.04/CCF for the cultivation and harvest of replacement seed of native species for use on future contracts.

1/ For sales in Oregon, the seed shall meet the State certification specifications. Seed must be packaged in containers carrying official certification labels sewn in, glued to, or printed upon the container, with the following information:

1. Variety (if certified as to variety) and kind.
2. Quantity of seed (pounds or bushels).
3. Class of certified seed (blue tags for certified seed).
4. Inspection or lot number traceable to the certifying agency's records.

For sales in Washington, the seed shall be labeled as "Prohibited and Restricted Noxious Weed Free for the State of Washington." The purchaser shall furnish a copy of the seed analysis.

For state of California lands in Region 6, seed must be certified by the state of California, or by an independent agency or company that is approved by the state of California for "prohibited and restricted noxious weed free for the state of California."

For mixtures of seed, each ingredient in excess of 5 percent must be listed with its percentage by weight and its germination percentage. Legumes must be inoculated with nitrogen fixing bacteria before planting. The label must show the expiration date of the inoculant. All seed treated with a fungicide or pesticide must be labeled that it is "treated" giving the name of the chemical used, and an appropriate warning or a caution statement.

2/ Exposed ground from yarding the logs will be seeded with native species where necessary.

CT6.74# - SLASH TREATMENT REQUIREMENTS (02/2002)

- In accordance with Contract Provisions CT6.74#, Slash Treatment Requirements (02/2002)
- Not with standing Contract Provision CT6.74#

Purchaser responsibilities are as follows:

- A) **Location of hand piles:** Piles will be located to minimize the damage of standing trees during burning. Unless otherwise agreed this will be construed to be equal distance from the boles of standing green trees and snags. Piles shall not be located within drainage structures, ditches, or stream channels. Piles shall not be placed on stumps or logs in order to remove a heat sink when burning. Piles will be placed so their length is right angle to the direction of the slope. All piles shall be constructed within the subdivision.
- B) **Construction and size of hand piles: Payment Unit #1.** Purchaser shall hand pile substantially all created slash. Created slash is slash that is at least 1 inch in diameter at the small end and at least 3 feet in length. Fine slash should be placed at the bottom of the pile with heavier material on the top. Slash shall be piled in the same direction and as compact as possible. Diameter of piles shall be 6-12 feet. Height of piles shall not be less than 6 feet nor greater than the diameter of the pile. Piles shall be built to facilitate covering after construction. All pieces extruding from piles shall be bucked off. All piles shall be constructed within the subdivision.
1. **Payment Unit #1:** Substantially all created slash within 100 feet of road 2672655 shall be hand piled.
- C) **Hand pile covering requirement: Payment Unit #1.** Purchaser shall cover all hand piles within subdivisions. All piles shall be covered with polyethylene plastic film .004 inches thick. Plastic size should be approximately 100 square feet. Plastic shall be placed in locations that will ensure safe and adequate ignition to allow consumption of piles and should be placed in the upper ¼ of the pile. The corners of the plastic shall be secured to the pile and pieces of burnable material shall be placed on top of the plastic to keep the plastic from filling with wind and blowing off.