

Slow DXP Timber Sale Preliminary Advertisement

November 25, 2015

This advance notice is to afford interested parties time to examine the Slow DXP Timber Sale Area prior to winter. Interested parties may obtain information and maps about the contract area from the Clackamas River Ranger District or go to the Forest's web page at <http://www.fs.usda.gov/mthood/>. The Forest Service intends to advertise the Slow DXP Timber Sale on the Mt. Hood National Forest in February 2016. If you have any questions, please call the Contracting Officer Roy Shelby at (503) 668-1458.

General Location: T.7S., R.8E., Sections 35, 36; T.7S, R.8.5E., Sections PB47, PB38; T.8S., R.8E., Sections 01, 02, 03, 10, 11, 12, PB37, 14, 15; T.8S., R.8.5E., Sections PB39, PB40, W.M., Unsurveyed, Clackamas County, OR.

Directions to Slow Sale Area: From Estacada, Oregon follow State Highway 224 southeast for 26.5 miles to its end at the junction with Forest Roads (FR) 5700 and 4600. Continue on FR 4600 for approximately 15 miles to the junction with FR 4200 head down FR 4200 for approximately 4.5 miles to the junction with FR 4220. Approximately 4 miles down FR 4220 is where the Sale Area begins. See Slow DXP vicinity and pre-ad maps for other roads that access the sale area.

Cutting Units total **1,271 acres** all of which can be **ground-based** yarded.

Currently cutting unit boundaries are only designated by blue flagging, corner flagging will have unit numbers.

Volume Estimate and Utilization Standards

Species	Product	Estimated Quantity	Unit of Measure	Conversion		Minimum Specifications				
				MBF	CCF	Merchantable Tree	Piece Required to be Removed			
						Diameter Breast High (d.b.h.) (inches)	Number of Minimum Pieces per Tree	Length (feet)	Diameter Inside Bark at Small End (inches)	Net Scale in % of Gross Scale
Western Hemlock and Other Coniferous*	Sawtimber	3,385	Ton	0.1581	0.3311	8.0	1	8	6.0	40
Lodgepole Pine and Other Coniferous Species	Grn Bio Cv	56,683	Ton	0.3084	0.5980	6.0	1	8	4.0	N/A

*Dead lodgepole pine were cruised as Grn Bio Cv.

There is an estimated 21,954 Tons of down-wood that will be offered as Timber Subject to Agreement.

Cutting Unit #	Unit Acres
1	63
2	21
4	60
6	205
8	117
10	86
11	10
12	48
13	16
14	9
16	80
18	209
20	80
22	45
24	162
26	30
28	30
29	6
30	4
31	7
32	3
Total	1,291

Road Reconstruction Scope of Work:

Installation of government provided temporary bridge-4220-130 extension (Temporary Road) at Slow Creek Crossing:

Work consists of bridge decking refurbishment, construction of temporary bridge abutments, loading, hauling, and placing of government furnished temporary bridge, and maintenance of bridge throughout timber sale operations. Purchaser will refurbish decking of the bridge with government provided materials. Purchaser will construct temporary bridge abutments using Purchaser provided temporary sills and structural fill existing on site together with government provided select borrow from an existing stockpile at Devils Ridge Quarry as needed. Purchaser will then load, haul, and place the bridge at the site. All abutment construction and bridge placement work must take place within the prescribed ODF&W in-stream work window between July 15th and August 31st. Purchaser maintenance of the bridge includes, but is not limited to, winterization of the bridge involving securing tarps over and under the bridge (full wrap) to protect the stream course during periods of non-use.

NFSR 4220 Pulverization- 1.5 mile (total length) Pulverization of Existing Bituminous Surface and Reconditioning of Roadbed:

Work consists of pulverizing existing chip-seal and road sub-surfacing to a depth of 6-inches, then reshaping, grading, and compacting roadway. Purchaser will determine most appropriate and efficient method of pulverization to meet a 1-1/2 inch maximum particle size. Purchaser will pulverize two sections of the roadway as staked in the field by the Contracting Officer through the Engineering Representative (total length of 1.5 miles). Purchaser will then reshape the road to dimensions shown on the contract plans, grade the road to specifications and dimensions to provide a smooth free-draining surface, and roller compact the roadway to specification. Development of a water source and watering at a Forest Service approved location will be incidental to the work.

Slow DXP Timber Sale Preliminary Advertisement

November 25, 2015

DESCRIPTION PURSUANT TO C2.35# (Option 1) - INDIVIDUAL TREE DESIGNATION(06/2008)

Designation by Prescription (DXP) is specified below:

1. Within Cutting Units 1-28:

- a) Retain 80 square feet of basal area per acre in live conifer trees. No plots will be accepted that fall outside the stated basal area with the following exception.
 - i. When the residual basal area of live trees is lower than the desired basal area due to insufficient stocking of live conifer trees 6 inches diameter breast height^{1/} and greater.
- b) The following prioritized guidelines shall be used for leave tree selection to achieve the stated live conifer tree residual basal area.
 - i. All live conifer trees with a blue boundary tag and orange paint above and below stump level shall be retained. Live coniferous boundary trees that meet the minimum specifications stated in A.2 shall be counted to achieve the stated residual basal area per acre.
 - ii. Live coniferous leave trees shall be those that are the largest in diameter. When diameters are comparable live coniferous leave trees shall be those that exhibit the best health, form (free of excessive sweep, forking, gnarling), crown ratio^{2/} (greater than or equal to 30 percent), crown density^{3/}, and overall growth and vigor^{4/}. When diameter and health are comparable use the following species preference priority to determine the leave tree:

1. western white pine
2. noble fir
3. Douglas-fir
4. Englemann spruce
5. western redcedar
6. western larch
7. ponderosa pine
8. mountain hemlock
9. lodgepole pine
10. western hemlock
11. Pacific silver fir
12. Grand fir

- c) Cut and remove all dead^{5/} lodgepole pine meeting specification in A.2. All dead trees^{5/} other than lodgepole pine, shall be retained.

2. Within Roadside Treatment Units 29-32:

- a) Unit boundaries are defined as 100 feet slope distance from the top of bank at edge of road prism.
- b) Cut all designated species with a minimum 6.0 inch DBH^{1/} that are within 12 feet spacing^{3/} of a live tree with the largest stump diameter^{2/}.
- c) Cut and remove all dead^{5/} lodgepole pine meeting specification in A.2. All dead trees^{5/} other than lodgepole pine, shall be retained.

^{1/} Breast height- is measured at 4.5 feet above the natural forest floor on the high or uphill side of the tree. Diameter taken at a right angle to the lean of the tree.

^{2/} Crown Ratio - the ratio of crown length to total tree height.

^{3/} Crown Density - the amount and compactness of foliage of the crown.

^{4/} Vigor - healthy, well-balanced growth.

^{5/} Dead Tree - a coniferous tree that has no green needles (excluding western larch).

^{6/} Stump diameter- is measured at 4 inches above the natural forest floor on the high or uphill side of the tree. Diameter taken at a right angle to the lean of the tree.

^{7/} Distances- are measured in slope distance, tree face to tree face, outside bark at stump height on the high or uphill side. The face of the tree is defined as the portion of the bole that is closest to the bole of the tree being measured from.

R. 8 E.

R. 8.5 E.

SLOW DXP TIMBER SALE PRE-AD MAP

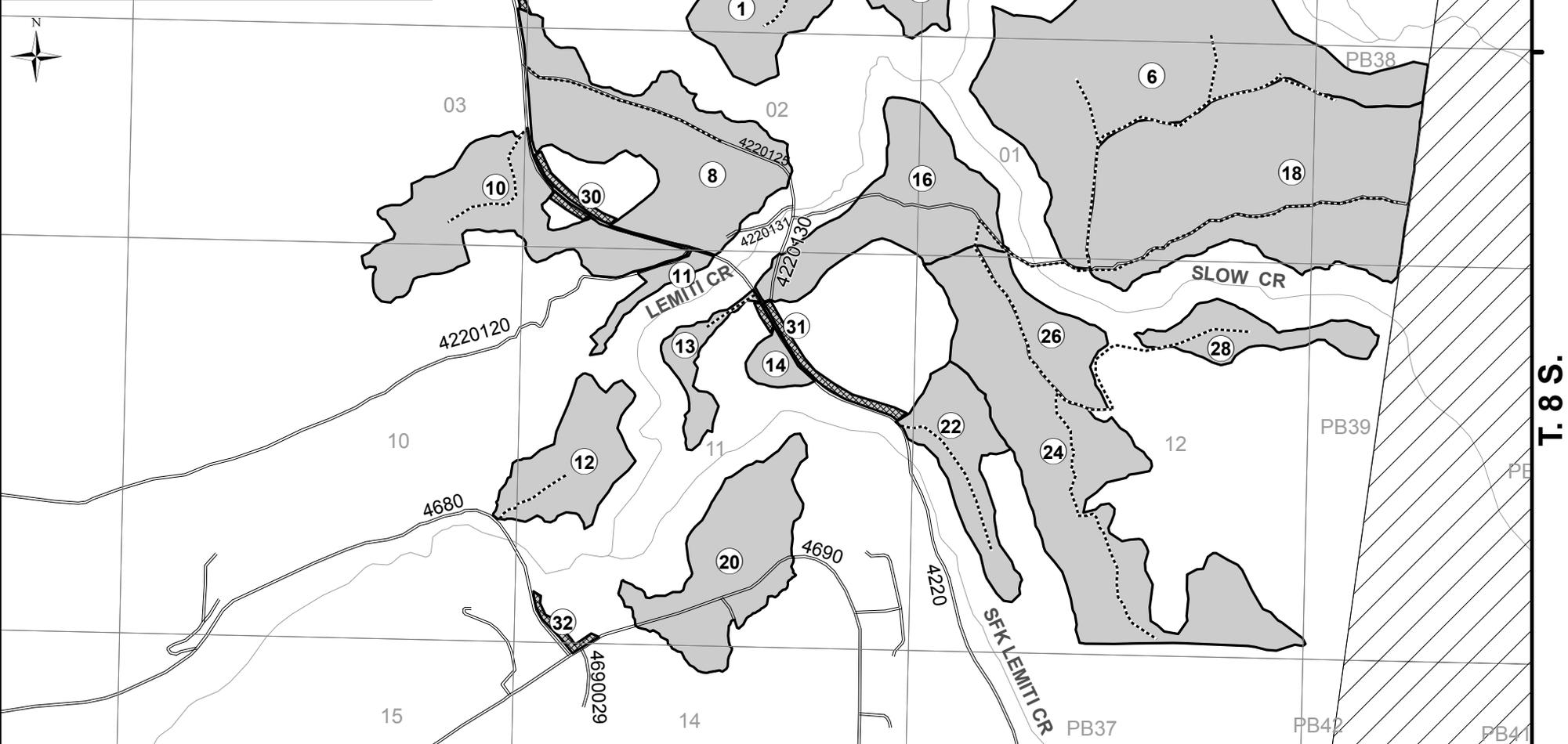
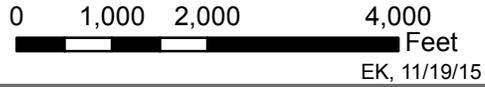
CLACKAMAS RIVER RANGER DISTRICT

MT. HOOD NATIONAL FOREST

Legend

-  Existing Road
-  Potential Temporary Roads
-  Cutting Units
-  Roadside Treatment Units
-  Stream
-  Other Ownership

Preliminary map for pre-advertisement.
Units and temporary roads are subject to change.



SLOW DXP TIMBER SALE VICINITY MAP

CLACKAMAS RIVER RANGER DISTRICT

MT. HOOD NATIONAL FOREST

Legend

-  Payment Unit
-  Mt. Hood National Forest
-  Existing Road



EK, 11/19/15

