

CT2.302# - PAYMENT UNIT BOUNDARIES (09/2004)

The boundaries of Payment Units are designated as shown in the following table. The trees used for boundary designation are not to be cut.

See Table CT2.302# - Payment Unit Boundaries, Payment Unit Boundary Designation Table

CT2.302# Payment Unit Boundaries

Payment Unit Boundary Designation Table

<u>Payment Unit</u>	<u>Paint Color</u>	<u>Designation</u>
1,2,3	Orange	Three striped paint marks on the bole of the tree approximately 4.5 feet from the ground and a paint dot on the base of the tree.

CT2.355# - INDIVIDUAL TREES (08/2004)

BT2.35 notwithstanding, the following individual trees are Marked with paint above and below stump height:

Cut Tree Marking. Individual trees to be cut are Marked in all or parts of the following Payment Units. Areas of cut tree marking are shown on the Sale Area Map with the symbol CTM.

See Table CT2.355# - Individual Trees, Cut Tree Marking

Leave Tree Marking. Individual trees to be left uncut are Marked in all or parts of the following Payment Units. Unmarked trees meeting Utilization Standards in AT2 shall be cut. Areas of leave tree marking are shown on the Sale Area Map with the symbol LTM.

See Table CT2.355# - Individual Trees, Leave Tree Marking

CT2.355# Individual Trees Designation Table

Cut Tree Marking

Individual trees to be retained are marked in all or parts of the following payment units. Areas of cut tree marking are shown on the Sale Area Map with the symbol CTM.

Payment Unit(s)
1, 2, 3

Paint Color
Blue

CT6.401# - CONDUCT OF LOGGING (09/2004)

Unless otherwise agreed in writing, the Purchaser shall take the following measures to minimize breakage of logs and to protect residual trees and other National Forest resources:

Applicable Within Payment Unit(s) 1,2,3, the skidding pattern shall be approved by Forest Service in advance of felling and main skid roads/trails shall be located on the ground in advance of felling.

Not Applicable To avoid unnecessary turning of logs in Payment Unit(s) n/a, the Purchaser shall fell with the lead of the trees toward skid trails. The Purchaser shall employ directional felling techniques such as wedging, jacking, cable winching, or other methods, as needed to direct the fall of the tree.

Applicable Outside of clearcutting areas and authorized clearings, tractors shall be equipped with a winch to facilitate skidding. Products shall be winched (end-lined) as needed to protect resources or residual trees from unnecessary damage.

Applicable In areas shown on Sale Area Map with the symbol W, all ground-based skidding equipment shall be confined to approved skid roads or trails and all Included Timber shall be winched to the skidder before transfer to the log landing. Winching may be required for distances up to 100 feet.

Not Applicable In Payment Unit(s) n/a, skidding of products greater than n/a feet in length is prohibited.

CT6.5# - STREAMCOURSE PROTECTION (06/2002)

The following are required in addition to the Standard Provisions under BT6.5:

Not Applicable Fords may be permitted with written authorization in locations containing rock or rock-fragment bottoms or where streams can be protected with corduroy or gravel.

Applicable All vehicles are prohibited within a orange Marked boundary along either side of Streamcourses that are shown on the Sale Area Map. Vehicles will be allowed to cross Streamcourses only at locations designated by the Forest Service or as essential to construction or removal of culverts or bridges.

CT6.601# - REVEGETATION PLAN AND SPECIFICATIONS (08/2006)

Where soil has been disturbed by Purchaser's operations and vegetation is needed to minimize erosion, Purchaser shall take appropriate measures according to the following specifications or other agreed stabilization measures:

Temporary road cuts, fill slopes, and shoulders shall be seeded and fertilized within 15 days of construction during the seeding season(s).

Temporary road surfaces, landings, and skid trails shall be seeded when not to be used for a period exceeding 60 days during the seeding season(s).

Temporary road cuts, fill slopes, and other soil disturbance within 25 feet slope distance of a streamcourse shall be seeded and mulched within 3 days of the disturbance.

Exposed soil on temporary roads, skid trails and landings no longer needed for the Purchaser's operations shall be seeded and fertilized within 30 days of discontinued use during the seeding season(s). Soil tilling to cover seed may be required under dry site conditions.

Bare areas or roads with soil compaction will require harrowing, disking or ripping. Fertilizer shall be applied and mixed thoroughly with the soil prior to seeding. Due to compaction, it may be necessary to till the soil to a depth of 6 inches or more.

The seeding season(s) shall be during the inclusive listed below, unless otherwise agreed.

See CT6.601# - Revegetation Plan and Specifications, Seeding Season(s) Table

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

See CT6.601# - Revegetation Plan and Specifications, Fertilizer and Seed Table

Applicable Mulch at the rate of 50 bales pounds per acre shall be applied. The Forest Service will identify the areas where mulch is required in addition to those specified elsewhere in this contract. Hay, straw, pine straw or shredded bark or other mulch acceptable to the Forest Service may be used as mulching material.

APPLICABLE The Forest Service shall agree to the timing of the seeding operations.

APPLICABLE Seeding operations shall not begin without the presence of a Forest Service representative.

NOT APPLICABLE Other revegetation specification: NOT APPLICABLE

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Purchaser shall make the following deposit:

See CT6.601# - Revegetation Plan and Specifications, Cooperative Deposit Table

CT6.601# - REVEGETATION PLAN AND SPECIFICATIONS, SEEDING SEASONS TABLE

The seeding season(s) shall be during the inclusive listed below, unless otherwise agreed.

Seeding Season	From Date	To Date
Season 1	March 1	June 15
Season 2	September 1	November 15

The following kinds and amounts per acre of seed and fertilizer shall be applied, unless otherwise agreed:

Ridgetop re-vegetation

Material	Rate/Acre*
Annual Ryegrass	25
Oats	25
Winter Wheat	50
Pelletized Lime	150
Mulch (bales/ac)	50
Fertilizer (10-10-10) (pounds per acre)	150

Side-slope re-vegetation

Material	Rate/Acre*
Annual Ryegrass	25
Oats	25
Winter Wheat	50
Pelletized Lime	150
Mulch (bales/ac)	50
Fertilizer (10-10-10) (pounds per acre)	150

If the Forest Service performs such work as provided under a written cooperative agreement (16 U.S.C. 572), the Purchaser shall make the following deposit: Purchaser Performance Required!

Lump Sum Amount
N/A

Amount Per Unit of Volume
N/A

Not Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the seeding season(s) listed in CT6.601#.

Applicable Unless otherwise agreed in writing, Temporary Road construction shall not be scheduled to occur outside the Normal Operating Season(s) listed in AT13.

The location and clearing widths of all Temporary Roads shall be agreed to and all timber within the clearing limits shall be paid for before construction is started. Temporary roads shall follow the general contour insofar as practical with maximum grades not to exceed twenty percent for lengths up to 200 feet. Construction shall include frequent broad-based dips or breaks in grade as necessary to remove runoff from the road. Clearing width shall not exceed that needed for safe and efficient operations, and the travel way shall not exceed 12 feet except at turnouts and landings. Crossings shall be located perpendicular to any stream or drainage.

Concurrent with Temporary Road construction, the Purchaser shall install straw or hay bales, silt fence or brush/slash barriers at the base of the fill along Temporary Roads adjacent to Streamcourses and at other sensitive areas shown on Sale Area Map per the following requirements:

See Table CT6.63# - Temporary Roads, Silt Barrier Table

At Streamcourse crossings, cut and fill slopes and other disturbed areas within 25 feet slope distance of the Streamcourse shall be protected by seeding and mulching The same day construction occurs

As necessary to attain stabilization of roadbed and cut and fill slopes of Temporary Roads, the Purchaser shall employ such measures as outsloping, revegetation, mulching, drainage dips, water spreading ditches and silt barriers.

Unless otherwise agreed, cut banks and fill slopes shall be sufficiently sloped to facilitate revegetation.

The Purchaser shall place and maintain the following depth of gravel or crushed stone on all Temporary Roads at the following locations:

See Table CT6.63# - Temporary Roads, Gravel Requirements Table

Purchaser shall maintain all erosion control structures such as silt barriers, water-spreading ditches and broad based dips in a functional condition during Purchaser's Operations. Purchaser shall stabilize and close to vehicular traffic all Temporary Roads prior to periods of inactivity.

Except for Temporary Roads to remain open under BT6.631, after a Temporary Road has served Purchaser's purpose, the Purchaser shall give notice to the Forest Service and shall remove bridges and culverts, eliminate ditches, out-slope roadbed, remove ruts, remove outside berms by pulling the material back onto the road surface, effectively block the road to normal vehicular traffic, and build cross ditches and water bars as staked or otherwise marked on the ground by Forest Service unless agreed otherwise in writing. When bridges and culverts are removed, associated fills shall also be removed to the extent necessary to restore channel to natural size, slope and bottom, and to permit normal maximum flow of water and protection of adjacent resources.

CT6.63# Temporary Roads, Silt Barrier Table

Side Slope Percent
Not-applicable

Distance From Streamcourse
Not-applicable

CT6.63# – Temporary Roads, Gravel Requirements Table

Location	Distance (feet)	Percent Grade	No Inches of Gravel Or Crushed Stone
Approaches to surfaced roads for a distance back from surfaced road	100	ANY	4
Streamcourse crossings for a distance on either side of the Streamcourse	N/A	N/A	
Steep Grades of Short Distances	Where needed		4
Wet or erosive prone soils	Where needed		4
Dips, moist sites, erosive prone soils and fills over culverts	Where needed		4

CT6.7# - SLASH TREATMENT (08/2004)

Slash is defined as all vegetative debris resulting from the Purchaser's operations, including limbs, tops, cull logs, bark, wood chunks, pushed-out stumps, damaged brush, and damaged residual trees. Tops from felled trees and all trees to be removed from roads, landings, or other construction clearings shall be completely felled and not left leaning or hanging in other trees. Slash associated with construction of Specified Roads is construction slash subject to treatment according to road construction specifications.

Other Ownership. The Purchaser shall conduct operations so that slash does not enter non-National Forest System lands, as shown on Sale Area Map. In event slash is deposited on other ownership, the Purchaser shall immediately remove such slash. The Contracting Officer may agree in writing to other treatment requirements if the Purchaser provides a written slash disposal agreement between the Purchaser and the landowner.

Roads and Other Clearings. Along roads available for public use the Purchaser shall immediately remove slash from traveled surfaces, shoulders, and drainage facilities. Other slash along roads available for public use and all slash along roads not available for public use shall be removed from the clearing limits within four days after adjacent skidding or yarding to each landing is complete. In areas where skidding or yarding is delayed or interrupted, slash shall be removed within ten days after being created.

Trails open to public use shall be kept free of slash. Slash within the clearing limits of powerlines, telephone lines, pipelines, and similar clearings shall be removed within ten days after adjacent skidding or yarding to each landing is substantially complete.

Slash removed from roads and other clearings shall be scattered outside the clearing limits, or otherwise disposed of as agreed. The time requirements for completion of slash removal may be changed by written agreement, except where immediate removal is required.

Other Treatment Areas. The Purchaser shall complete slash treatment in other areas as described below. The Forest Service and the Purchaser shall jointly agree to a schedule for completion of such slash treatment, which shall be included in the Purchaser's Annual Operating Schedule required under BT6.31.

Applicable At or adjacent to log landings, delimiting areas, and similar areas of slash accumulation within sale area, concentrations of slash greater than 2 feet in height and 5 feet in length, measured at greatest distances, shall be lopped and scattered to lie within 2 feet of the ground

Slash treatments described below are required at locations shown on the Sale Area Map by the following symbols:

See Table CT6.7# - Slash Disposal, Slash Disposal Requirements Table

CT6.7# Slash Disposal, Slash Disposal Requirements Table

Map Symbol	Title	Treatment
s—s--s	Slash Treatment	The Purchaser shall lop and scatter all slash to lie within <u>N/A</u> feet of the ground. The boundary of said treatment zone is designated on the sale area map, up to a <u>N/A</u> feet measured from the edge of the road shall be treated.

When the Forest Service advises the Purchaser that local fire weather conditions are becoming critical, the Purchaser shall keep with gasoline chain saws at all times Shovel and one 15 pound A, B, C rated fire extinguisher and take precautionary measures requested by the Forest Service. The Purchaser shall act as custodian of fire fighting equipment furnished by the Forest Service. Equipment shall be stored in sealed boxes provided for this purpose and shall be transported to locations in the immediate vicinity of current logging and milling operations on Sale Area. The Forest Service shall be reimbursed for any damage to or loss of fire fighting equipment furnished by the Forest Service, which occurs on Negligently-Caused Fires or as a result of using equipment for unauthorized purposes.