

**KT-GT.9# - STEWARDSHIP PROJECTS.** (9/04) Performance of stewardship projects shall be in accordance with the following specifications.

**MANDATORY PROJECTS:**

**Project Number SP1-Pre-haul Road Maintenance Grading & Spot Fill-FR632 (UOM = Miles; Total Quantity = 1.5 miles)**

**Road Maintenance Grading**

DESCRIPTION

Maintenance Grading is keeping an aggregate surfaced roadbed in a condition to facilitate traffic and provide proper drainage. It includes maintaining the crown, inslope or outslope of the traveled way, turnouts, and shoulder; blending approach road intersections; and cleaning drainage dips and lead-off ditches.

LOCATION

**FR 632 from MP 0 to MP 1.5 as shown on Contract Area Map.**

EQUIPMENT

**The equipment required to shape, spread, and compact surfacing is a motor grader.**

REQUIREMENTS

Maintenance Grading shall be performed to facilitate traffic and proper drainage before Contractor's use.

The surface blading shall preserve the existing cross-section. Surface irregularities shall be eliminated and the surface left in a smooth, free-draining state needed to facilitate traffic. Surface course material which has been displaced to the shoulders or turnouts shall be returned to the traveled way. The blading operation shall be conducted to conserve surface material and to provide for a thorough mixing of the material being worked.

On aggregate surfaced roads material generated from back slope sloughing and ditch cleaning shall not be blended with surface or base course material unless agreed otherwise.

Roadway back slopes shall not be undercut.

Drainage dips and lead-off ditches shall be cleaned and maintained to retain the existing line, grade, and cross-section.

Intersecting roads shall be bladed for a distance of 50 feet to assure blending of the surfaces.

Rocks or other material remaining on the traveled way after the final pass that are 4 inches in diameter or larger shall be removed. The unsuitable material shall be disposed of by side casting unless agreed otherwise. Side casting into streams, lakes, or water courses will not be permitted.

Material resulting from this activity, plus any accumulated debris, shall not remain on or in roadway structures, such as culverts, ditches, and drainage dips.

**Spot Fill**

DESCRIPTION

Spot filling includes hauling, spreading and shaping materials in accordance with the requirements.

MATERIALS

**Pit run gravel. Material source located in T66N R20W Section 15 accessed off of FR 524C. This source is approximately 6.2 road miles from the Contract Area. Alternate material source may be used upon written agreements between Contractor and Forest Service.**

Haul and spread Material at locations designated on the ground by the Forest Service. Compact the aggregate by operating spreading and hauling equipment over the full width of each layer of the aggregate.

Road Number	Type Material	Quantity	Location
632	Pit run gravel	100 CY	MP 0-1.5 at locations designated by FS. See location of FR632 on Contract Area Map

**Project Number SP2- Pre-haul Road Maintenance Blading, Brushing & Spot Fill—FR 632A (UOM = Miles; Total Quantity = 0.5 miles)**

**Road Maintenance Blading**

DESCRIPTION

This work consists of making limited use roads passable for project use by Contractor and providing drainage from the traveled way and roadbed.

LOCATION

**FR 632 from MP 0 to MP 1.5 as shown on Contract Area Map.**

EQUIPMENT

**The equipment required to blade and shape road is a dozer.**

REQUIREMENTS

Traveled Way

Contractor may smooth or fill existing cross ditches and waterbars and, by agreement, modify existing road junction to enable vehicle access. Prior to beginning haul:

- Center the usable width of the roadbed or position away from the fill slope.
- Place all removed material away from drainages and in locations previously agreed to in writing by the Forest Service.
- Maintain drainage structures including dips, ditches and culverts in a usable condition and surface in a flat, insloped or outsloped, or crowned usable condition.

## **Brushing**

### DESCRIPTION

This work includes removal of brush, trees and other vegetative growth from within the clearing limits. This may include brush mowing of shoulders to prevent larger growth which would inhibit travel in the future.

### LOCATION

**FR 632A from MP 0 to MP 0.5 as shown on Contract Area Map.**

### EQUIPMENT

Equipment must be of a size and power to cut off stems up to four inches in diameter. Larger growth may require hand clearing with a chainsaw or mechanized equipment able to handle larger trees.

### REQUIREMENTS

Vegetative matter within the roadway which impedes vehicular travel, and/or interferes with road maintenance operations, such as surface blading and ditch and culvert cleaning shall be removed. Downed timber meeting utilization standards shall be cut in appropriate lengths and decked in locations where agreed upon and the traveled way or sight distances will not be impaired.

Vegetative matter removed from the clearing limits shall be scattered outside the clearing limits at least 8 feet perpendicular to the road surface.

Trim tree branches that extend over the road surface and shoulders to attain a clear height of 14 feet. Trim branches flush with the tree or as close as possible without causing damage or scarring to the bole. Area shall be left neatly trimmed.

Any stump removed shall be placed in an upright position out of the clearing limits.

Area shall not be left in an unsightly condition. The Forest Service shall have the final say over how the area is left.

**Spot Fill**

DESCRIPTION

Spot filling includes hauling, spreading and shaping materials in accordance with the requirements.

MATERIALS

**Pit run gravel. Material source located in T66N R20W Section 15 accessed off of FR 524C. This source is approximately 6.2 road miles from the Contract Area. Alternate material source may be used upon written agreements between Contractor and Forest Service.**

Haul and spread Material at locations designated on the ground by the Forest Service. Compact the aggregate by operating spreading and hauling equipment over the full width of each layer of the aggregate.

Road Number	Type Material	Quantity	Location
632A	Pit run gravel	100 cu. yds.	MP 0-0.5 at locations designated by FS. See location of FR632A on Contract Area Map