

## BOXCAR TIMBER SALE

### ROAD MAINTENANCE APPRAISAL NOTES

- NOTE:** There may be underground utility lines in unknown locations on this project. **Call MISS DIG THREE** full working days before any work begins. Phone 1-800-482-7171.
- NOTE:** During gravel hauling operations, “safety” signs shall be placed as directed by the Forest Service. See Contract Area Map for specific sign locations and Traffic Control Plan for sign size and type.
- NOTE:** Road maintenance appraised roads include all roads or portions of roads not included in specified road work or temporary roads.
- NOTE:** Blading and shaping requires filling in existing ruts and potholes, reestablishing a crown to conform to the typical detail for a crown with no ditches, crown 1’ ditches or out sloped roads.
- NOTE:** Additional outlet or lead out ditches may be required at road segment locations to allow for proper drainage needs. Locations for placement shall be determined by the Forest Service.
- NOTE:** **50 C.Y. of pit run** material is required for road maintenance. This volume plus the normal compaction factor of 130% for pit run computes to a loose volume of 65 C.Y. Material for this project may be taken from **Onion Creek Pit**, located at **T48N, R37W, Section 6 on FR 1130**. Some pit development may be required and is considered incidental to associated items. **Material will need to be loaded with an excavator.** Compaction shall be method A.
- NOTE:** **100 C.Y. of crushed aggregate** material is allotted for during haul maintenance for placement on any maintenance road segment within the sale area. This volume plus the normal compaction factor of 130% computes to a loose volume of 130 C.Y. **There is no government source available for this project.** Purchaser furnished material shall meet the gradation requirements for the Michigan Department of Transportation-Designation 22A. Compaction shall be Method A.