

GYPSY STEWARDSHIP
ROADWORK PLAN-APPRAISAL ALLOWANCE

DATE: 6/24/2014

Pg. 1 of 2

Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
4745			D				
	0.00-0.25	Minor shaping of road to crown. Clearing and grubbing road, small brush/trees to match typical drawing as directed by the Forest Service.		Mile	0.25	2,200	\$ 550.00
	0.00-0.01	Furnish, haul, and place 15 C.Y. crushed aggregate to surface entrance. (19.5 C.Y. loose material)		C.Y.	15	25	\$ 375.00
	0.02	Protect existing culvert					
		FR 4745 Total Maintenance					\$ 925.00

4745-B

D

	0.00-0.41	Clear, grub, and shape road to crown or out slope to match typical drawing as directed by the Forest Service. (Conserve topsoil/overburden)		Mile	0.41	3,300	\$ 1,353.00
	0.00-0.02	Minor entrance realignment		LS	1	250	\$ 250.00
	00.0-0.02	Haul and place 30C.Y. pit run (39 loose material) at road entrance.		CY	30	13	\$ 390.00
	0.18	Curve widening/Conserve topsoil		LS	1	100	\$ 100.00
		FR 4745-B Total Maintenance					\$ 2,093.00

4745-C

D

	0.00-0.45	Shape road to crown or out slope. Clearing and grubbing road, to match typical drawings as directed by the Forest Service. (Conserve topsoil/overburden)		Mile	0.45	2,600	\$ 1,170.00
		FR 4745-C Total Maintenance					\$ 1,170.00

4745-C1

D

	0.00-0.40	Shape road to crown or out slope. Clearing and grubbing road, to match typical drawings as directed by the Forest		Mile	0.40	3,300	\$ 1,320.00
		FR 4745-C1 Total Maintenance					\$ 1,320.00

W=Winter, D=Dry Summer

Prepared By Michael Jarvi
Civil Engineering Technician

**GYPSY STEWARDSHIP
ROADWORK PLAN-APPRAISAL ALLOWANCE**

Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance	
FR 4747			D				Pg. 2 of 2	
	0.00-0.64	Clear, grub, and shape road to crown or out slope to match typical drawing as directed by the Forest Service.(Minor surface shping and conserve topsoil/overburden)		Mile	0.64	3,300	\$ 2,112.00	
	0.0-0.01	Furnish, haul and place 15 C.Y. crushed aggregate to surface entrance. (19.5 C.Y. loose mat.)		C.Y.	15	25	\$ 375.00	
	0.62-0.63	Haul and place 45C.Y. pit run (58.5 loose material) place on turnaround spurs.		CY	45	13	\$ 585.00	
	0.0-0.64	" During Haul" 75 C.Y pit run spec. T-8130 spot placed as directed and agreed to by the Forest Service. (97.5 CY loose)		C.Y	75	13	\$ 975.00	
		FR 4747 Total Maintenance					\$ 4,047.00	
FR 4751			D					
	0.00-0.30	Minor shaping of road to crown. Clearing and grubbing road, small brush/trees to match typical drawing directed by the Forest Service.(Conserve topsoil)		Mile	0.30	3,000	\$ 900.00	
	0.00-0.01	Furnish, haul and place 15 C.Y. crushed aggregate to surface entrance. (19.5 C.Y. loose material)		C.Y.	15	25	\$ 375.00	
		FR 4751 Total Maintenance					\$ 1,275.00	
FR 4770			D					
	0.00-0.10	Minor shaping of road to crown. Clearing and grubbing road, small brush/trees to match typical drawing.		Mile	0.10	3,500	\$ 350.00	
	0.00-0.01	Furnish, haul and place 15 C.Y. crushed aggregate to surface entrance. (19.5 C.Y. loose material)		C.Y.	15	25	\$ 375.00	
		Remove berm/ minor entrance realignment		LS	1	250	\$ 250.00	
	0.01	Haul and place on left 15 c.y pitrun. (19.5 loose material)		C.Y.	15	13	\$ 195.00	
		FR 4770 Total Maintenance					\$ 1,170.00	
		Gypsy Stewardship Grand Total Maintenance Plan Estimate						\$ 12,000.00

W=Winter, D=Dry Summer

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GYPSY STEWARDSHIP

ROAD MAINTENANCE PLAN/APPRAISAL NOTES

- NOTE: Road segments may require minimum shaping to conserve topsoil and to stabilize road surface and prevent sand pockets from occurring in travel way. These segments may have a **flatter crown and vary from typical drawing** if drainage allows as agreed to by the Forest Service
- NOTE: All finished roadbeds shall be 12' as shown in the typical details for crowned roads with no ditches, 1' ditches and out sloped roads. Roads requiring ditch restoration shall be cleared and grubbed to the back of ditch line and re-graded to allow the ditch to drain.
- NOTE: Blading and shaping requires filling in existing ruts and placing a crown to conform to the typical detail for a crown with no ditches, or out sloped roads.
- NOTE: Additional outlet or lead-off ditches may be required at road segment locations to allow for proper drainage needs and are included under typical blading and shaping requirements. Locations for placement shall be determined by the Forest Service and are included in appraised allowance for clearing and shaping.
- 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: Road work designating local excavation on this sale shall be built to conserve and redistribute topsoil to help prevent erosion after excavation has occurred.
- NOTE: During hauling operations safety signs shall be placed and hauling shall not commence until all signs have been put in place as directed by the Forest Service.
- NOTE: There is **60 CY of 22-A crushed gravel** material required for several entrances. The normal compaction factor of 130% computes to a loose volume of 78 CY. **There is no government source available for the 22-A crushed gravel.** Purchaser furnished material shall meet gradation requirements for the Michigan Department of State Highway Transportation-Designation 22-A. Compact the aggregate by operating spreading and hauling equipment over the full width of material.
- NOTE: There is **165 CY of pit run borrow** material required for the road maintenance segments throughout the contract area. **This includes 75 CY of pit run to be spot placed as directed as recurring road maintenance.** The normal compaction factor of 130% for pit run computes to a loose volume of 215 CY. The material source for this project is the **North Jaybird Pit**, located at T46N, R39W, Sections 30 *unless agreed otherwise by the Forest Service*. Some pit development may be required and is considered incidental to associated items.