

UPTOWN TIMBER SALE
ROADWORK MAINTENANCE PLAN-APPRAISAL ALLOWANCE

Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
FR 8262			D/W				
	0.01-0.23	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.		Mile	0.22	\$ 2,700.00	\$ 594.00
	0.03	Remove berm and incorporate material into roadway.		LS	1	\$ 150.00	\$ 150.00
FR 8262 TOTAL MAINTENANCE							\$ 744.00
FR 8310			D/W				
	0.0-1.02	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.		Mile	1.02	\$ 2,000.00	\$ 2,040.00
	0.01	Remove berm and incorporate material into roadway.		LS	1	\$ 150.00	\$ 150.00
	0.23	Construct turnaround/ landing left side.		LS	1	\$ 250.00	\$ 250.00
	0.60	Protect existing culvert. Clean outlet ditch 20' right.		LS	1	\$ 50.00	\$ 50.00
	0.84	Remove existing culvert and dispose of off Forest Service property.		LS	1	\$ 250.00	\$ 250.00
	0.84	Prepare bed for culvert installation.		LS	1	\$ 150.00	\$ 150.00
	0.84	Furnish and install 30' of 24" HDPE corrugated, dual walled, smoothlined pipe.		LF	30	\$ 29.00	\$ 870.00
	0.84	Haul and place 30 CY of pitrun for surfacing over culvert. (39 CY loose material)		CY	30	\$ 12.00	\$ 360.00
	1.02-1.32	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.	W	Mile	0.3	\$ 2,500.00	\$ 750.00
	1.30	Construct turnaround/ landing left side.		LS	1	\$ 250.00	\$ 250.00
FR 8310 TOTAL MAINTENANCE							\$ 5,120.00
FR 8310A			D/W				
	0.00-0.15	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.		Mile	0.15	\$ 2,000.00	\$ 300.00
FR 8310A TOTAL MAINTENANCE							\$ 300.00
FR 8313			D/W				
	0.00-0.11	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.		Mile	0.11	\$ 2,000.00	\$ 220.00

S=Summer
D=Dry Summer
W=Winter

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Prepared By: Tom Roberts 01/13/2016
Civil Engineering Technician

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Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
FR 8313 Cont.			D/W				
	0.08	Construct turnaround/ landing right side.		LS	1	\$ 250.00	\$ 250.00
FR 8313 TOTAL MAINTENANCE							\$ 470.00
FR 8315			W				
	0.0-0.31	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.		Mile	0.31	\$ 2,700.00	\$ 837.00
	0.11	Construct turnaround/ landing left side.		LS	1	\$ 250.00	\$ 250.00
	0.28	Construct turnaround/ landing right side.		LS	1	\$ 250.00	\$ 250.00
FR 8315 TOTAL MAINTENANCE							\$ 1,337.00
FR 8316			W				
	0.0-0.13	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.		Mile	0.13	\$ 2,500.00	\$ 325.00
	0.00	Prepare bed for culvert installation.		LS	1	\$ 150.00	\$ 150.00
	0.00	Furnish and install 48' of 15" corrugated metal pipe, 16 gauge riveted with 2' wide connector band.		LF	48	\$ 17.00	\$ 816.00
	0.00-0.02	Haul and place 60 CY of pitrun for fill over culvert and transitioning grade.		CY	60	\$ 12.00	\$ 720.00
	0.00-0.01	Furnish, haul and place 20 CY of crushed aggregate to surface entrance.		CY	20	\$ 25.00	\$ 500.00
FR 8316 TOTAL MAINTENANCE							\$ 2,511.00
FR 8316A			W				
	0.0-0.16	Clear, grub and reshape road per the typical drawings and as directed by the Forest Service.		Mile	0.16	\$ 2,500.00	\$ 400.00
FR 8316A TOTAL MAINTENANCE							\$ 400.00
ANY MAINTENANCE ROAD SEGMENT WITHIN THE SALE AREA		Appraisal allowance for during haul maintenance. Haul and place 100 CY (130 CY loose) of pitrun gravel to be spot placed as needed in accordance with Spec. T8130.		CY	100	\$ 12.00	\$ 1,200.00
TOTAL							\$ 1,200.00

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Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
UPTOWN TS TOTAL MAINTENANCE							\$ 12,082.00

S=Summer
D=Dry Summer
W=Winter

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ROAD MAINTENANCE APPRAISAL NOTES

- NOTE: Road maintenance appraised roads include all roads or portions of roads not included in specified road work or temporary roads.
- 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.
- NOTE: During clear and grub operations all slash resulting from purchasers operation shall be treated as per CT 6.7#.
- 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, 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 and are included in the appraised allowance for clearing and shaping.
- NOTE: High Density Polyethylene corrugated drainage pipe shall have a smooth interior with bell and spigot joints. Minimum cover over HDPE culverts shall be 1.5 feet as shown in the typical detail.
- NOTE: Corrugated steel culverts shall be riveted 16 gauge galvanized and require a 2' wide connector band.
- NOTE: **There is 190 C.Y. of pit run material required for road maintenance segments. This includes 100 C.Y. appraised for maintenance to be spot placed as directed by the Forest Service.** This volume plus the normal compaction factor of 130% for pit run computes to a loose volume of 247 C.Y. Material for this project may be taken from **Bobcat Pit, located at T46N, R43W, Section 27.** Some pit development may be required and is considered incidental to associated items.
- NOTE: **There is 20 C.Y. of crushed aggregate surfacing (26 C.Y. loose) to be placed at the entrance of FR 8316. There is no government source available for this project.** Purchaser furnished material shall meet gradation requirements for the Michigan Department of Transportation-Designation 22A. Compact the aggregate by operating spreading and hauling equipment over the full width.
- NOTE: During borrow hauling operations "Trucks Hauling" signs shall be placed on FR 8300. **Hauling shall not commence until all signs are placed as directed by the Forest Service.**
- 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.