

**Little Falls Timber Sale Maintenance Plan
Appraisal Estimate**

DATE: 8/10/2016

Pg. 1 of 2

Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
FR 5255			S				
	0.0-0.68	Minor blading of road to crown with minor clearing and grubbing.		Mile	.68	1,500	\$ 1,020.00
	0.68-1.6	Clear, grub, and shape road to crown to match typical drawing as directed by Forest Service.		Mile	.92	3,000	\$ 2,760.00
	0.00-0.01	Furnish, haul, and place 15 CY crushed aggregate to surface entrance. (19.5 CY loose)		C.Y.	15	30	\$ 450.00
	0.37	Construct turnaround spur right.		L.S.	1	250	\$ 250.00
	0.86	Improve existing turnaround left.		L.S.	1	150	\$ 150.00
	1.16-1.20	Haul and place 62 cubic yards pit run borrow to surface travel way. (81 c.y loose material) 210'L x 12'W x 8"D"		C.Y.	62	15	\$ 930.00
		FR 5255 TOTAL ROAD MAINTENANCE PLAN					\$ 5,560.00
FR 5255B			S				
	0.00-.42	Clear, grub, and shape road to crown to match typical drawing as directed by Forest Service.		Mile	.42	2,200	\$ 924.00
	0.26-0.31	Haul and place 74 c.y. pit run from North Jaybird Pit (96 c.y. loose material) (250' X 12'W X 8"D)		C.Y.	74	15	\$ 1,110.00
		FR 5255B TOTAL ROAD MAINTENANCE PLAN					\$ 2,034.00

**Little Falls Timber Sale Maintenance Plan
Appraisal Estimate**

Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
				DATE:	7/29/2016		Pg. 2 of 2
FR 5255H			S				
	0.00-.23	Clear, grub, and shape road to crown to match typical drawing as directed by Forest Service.		Mile	.23	3,000	\$ 690.00
		FR 5255H TOTAL ROAD MAINTENANCE PLAN					\$ 690.00
FR 5255H1	0.0-0.02	Improve existing road entrance/ widen and excavate to allow trucks turnaround location		L.S.	1	200	\$ 200.00
		FR 5255-H1 TOTAL ROAD MAINTENANCE PLAN					\$ 200.00
		Haul and place 70 cubic yards pit run and spot place as directed and agree to (ON ANY MAINTENANCE SEGMENT) by the Forest Service.(91 c.y. loose material)		C.Y.	70	15	\$ 1,050.00
Little Falls Grand Total Road Maintenance Plan Appraisal Estimate							\$ 9,534.00

LITTLE FALLS TIMBER SALE

ROAD MAINTENANCE PLAN/APPRAISAL NOTES

- NOTE:** All finished roadbeds shall be 12' as shown in the typical details for crowned roads with no ditches, 1' ditches and outsloped 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 outsloped roads.
- NOTE:** Additional 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:** 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 15 CY of 22-A crushed aggregate required for the entrances. The normal compaction factor of 130% computes to a loose volume of 19.5 CY. *There is no government source available for crushed aggregate.* 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 206 CY of pit run borrow material required for road maintenance throughout the contract area. This includes 70 CY of pit run to be spot placed as "During Haul Road Maintenance" as directed by the Forest Service. The normal compaction factor of 130% for pit run computes to a loose volume of 268 CY. The material source for this project is the North Jaybird Pit, located at T46N, R39W, Section 30, *unless agreed otherwise by the Forest Service.* Some pit development may be required and is considered incidental to associated items.