

West Foxpaw TS -20191

Road Maintenance Adjustments - attachment to Sale Report

R Powell 12/15/2015

PRE-HAUL MAINTENANCE (see Engineer's Worksheet for specific details)

(all-1)

Road Number	Length (miles)				Total Cost
8128	1.05				\$3,555.00
8128-D	0.44				\$2,272.00
8128-D1	0.23				\$736.00
Total:	1.72			Total:	\$6,563.00

RE-CURRENT MAINTENANCE

(all-2)

Road Number	Length (miles)	# Times	During # Season	Unit Cost	Total Cost
8128	0.25	30 CY spot replacement	TBD	\$11.00	\$330.00
8128	1.07	1	Winter 1	\$650.00	\$695.50
8128-G	0.30	1	Winter 1	\$650.00	\$195.00
8128	1.66	1	Winter 2	\$650.00	\$1,079.00
8128	0.97	1	Winter 3	\$650.00	\$630.50
				\$650.00	\$0.00
				\$650.00	\$0.00
Total:	#VALUE!			Total:	\$2,930.00

FINAL MAINTENANCE

(all-3)

Road Number	Length (miles)	# Times	end of # Season	Unit Cost	Total Cost
8128-G	0.30	1	Winter 2	\$650.00	\$195.00
8128	0.19	1	Winter 2	\$650.00	\$123.50
8128	0.25	1	Winter 3	\$650.00	\$162.50
8128-D	0.44	1	Winter 3	\$650.00	\$286.00
8128-D1	0.23	1	Winter 3	\$650.00	\$149.50
8128	1.22	1	Winter 4	\$650.00	\$793.00
8128-F	0.21	1	Winter 4	\$650.00	\$136.50
		0		\$650.00	\$0.00
		0		\$650.00	\$0.00
	berm	0		\$150.00	\$0.00
	berm	0		\$150.00	\$0.00
	berm	0		\$150.00	\$0.00
	berm	0		\$150.00	\$0.00
Total:	2.84			Total:	\$1,846.00

Total CCF

6224 Check

\$1.82

WEST FOXPAW TIMBER SALE

ROAD MAINTENANCE APPRAISAL NOTES

- NOTE:** Road maintenance appraised roads include all roads or portions of roads not included in specified road work.
- 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:** During borrow hauling operations "Trucks Hauling" signs shall be placed on FR's 8100 and 8120. **Hauling shall not commence until all signs are placed as directed by the Forest Service.**
- NOTE:** There is **30 C.Y. of pit run material** identified for "During Haul" road maintenance on FR 8128. This volume plus the normal compaction factor of 130% for pit run computes to a loose volume of 39 C.Y. The material source for this project is the **Blue Jay Pit, located at T45N, R44W, Section 2**, unless changed by agreement with the Forest Service. Some pit development may be required and is considered incidental to associated items.
- NOTE:** There is **15 C.Y. of crushed aggregate surfacing** (19.5 C.Y. loose) to be placed at the entrance of FR's 8128. **There is no government source available for this project.** Purchaser furnished material shall meet gradation requirements for the Michigan Department of State Highway Transportation-Designation 22A. Compact the aggregate by operating spreading and hauling equipment over the full width.
- 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:** High Density Polyethylene drainage pipe shall be dual walled and have a smooth interior. **Minimum cover over HDPE culverts shall be 1.5 feet**, as shown on typical drawing.

WEST FOXPAW TIMBER SALE
ROADWORK MAINTENANCE PLAN-APPRAISAL ALLOWANCE

Pg. 1 of 2

DATE: 12/7/2015

Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
FR 8128			W				
	0.00-0.25	Shape road to crown or outslope. Clearing and grubbing road, and restoring ditches to match typical drawing as directed by the Forest Service.		Mile	0.25	2,000	\$ 500.00
	0.00-0.01	Furnish, haul and place 15 C.Y. crushed aggregate material to surface entrance. (19.5 C.Y. loose material)		C.Y.	15	25	\$ 375.00
	0.86-1.66	Shape road to crown or outslope. Clearing and grubbing road, and restoring ditches to match typical drawing as directed by the Forest Service.		Mile	0.80	3,200	\$ 2,560.00
	1.02	Outlet ditch left, 60' long. Incorporate material into road.		L.S.	1	60	\$ 60.00
	1.13	Outlet ditch left, 60' long. Incorporate material into road.		L.S.	1	60	\$ 60.00
	0.00-0.25	Appraisal allowance for 30 C.Y. pit run gravel "during haul" spot placed as directed by the Forest Service, per T-8130. (39 cy loose material)		C.Y.	30	11	\$ 330.00
		FR 8128 total maintenance					\$ 3,885.00
FR 8128-D			W				
	0.00-0.44	Shape road to crown or outslope. Clearing and grubbing road to match typical drawing as directed by the Forest Service.		Mile	0.44	3,300	\$ 1,452.00
	0.12	Prepare culvert bed.		Each	1	150	\$ 150.00
	0.12	Furnish and install 15" x 30' High Density Polyethylene dual walled drainage pipe		Foot	30	14	\$ 420.00
	0.11-0.14	Unclassified local borrow. Work includes excavating local borrow, from MP 0.14, and placing 50C.Y. (65C.Y. loose) at pipe. Finished travel surface will be 12'W. (45'L x 12'W x 2.5'D).		CY	50	5	\$ 250.00
		FR 8128-D total maintenance					\$ 2,272.00

W=Winter

Prepared By Alan Pekkala
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WEST FOXPAW TIMBER SALE
ROADWORK MAINTENANCE PLAN-APPRAISAL ALLOWANCE

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DATE: 12/7/2015

Road Number	Mile Post	Item Description	Season of Use	Unit	Quantity	Unit Allowance	Appraisal Allowance
FR 8128-D1			W				
	0.00-0.23	Shape road to crown or outslope. Clearing and grubbing road to match typical drawing as directed by the Forest Service.		Mile	0.23	3,200	\$ 736.00
		FR 8128-D1 total maintenance					\$ 736.00
		Grand Total Maintenance					\$ 6,893.00

W=Winter

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