

**ReAd OLD GRADE STEWARDSHIP SALE
SPECIFIED ROAD SCHEDULE OF ITEMS**

Item Number	Item Description & Milepost	C or R ¹	Unit & M of M ²	Quantity	Road Std. (W,D,S) ³	Unit Allowance	Estimated Allowance
pg. 1	FR 8148	R				DATE:	7/22/2014
	M.P. 0.0-0.45				D/W		
249(02)	Composite Road Construction Work includes clearing, grubbing and shaping road to crown or out slope and restore ditches. Construct outlet ditches to allow for drainage as directed by the Forest Service		DQ Mile	0.45		3400	\$ 1,530.00
203 (04)	Remove existing pipe at milepost 0.01 and dispose off of government property		EA AQ	1		250	\$ 250.00
249 (03)	Prepare pipe bed/restore ditches left and right.		LS LSQ	1		150	\$ 150.00
602(74)	Furnish and install 15" x 30' high density polyethylene dual walled drainage pipe at m.p. 0.01.		LF AQ	30		14	\$ 420.00
301(03)	M.p. 0.01 Untreated Aggregate Courses. Work includes furnishing, hauling and placement of 15 C.Y. crushed aggregate surfacing.(19.5 loose mat.)		CY DQ	15		25	\$ 375.00
204 (52)	Unclassified borrow Work includes hauling and placing 60 C.Y. pit run (78 c.y. loose material) at milepost 0.0-0.04 (202' X12'W X 8")		CY DQ	60		11	\$ 660.00
249 (03)	Remove berm		LS LSQ	1		75	\$ 75.00
204 (52)	Unclassified borrow Work includes hauling and placing 60 C.Y. pit run (78 c.y. loose material) at milepost 0.06-0.10 (202 L X 12W X 8")		CY DQ	60		11	\$ 660.00

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²Method of Measure

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pg. 2	FR 8148 (CONT)				D/W		
249 (03)	Shape to hardened to dip left at m.p. 0.07 with outlet shaping left.		LS LSQ	1		100	\$ 100.00
207 (04)	Place geotextile non woven 8 oz. fabric under pit run material at dip.(30L x 15W) at milepost 0.07		SY DQ	50		2.5	\$ 125.00
249 (03)	Shape to hardened to dip left at m.p. 0.15 with outlet shaping left.		LS LSQ	1		100	\$ 100.00
207 (04)	Place geotextile non woven 8 oz. fabric under pit run material at dip.(30L x 15W) at m.p. 0.15		SY DQ	50		2.5	\$ 125.00
204 (52)	Unclassified borrow Work includes hauling and placing 30 C.Y. pit run (39 c.y. loose material) over fabric at m.p. 0.14-0.16		CY DQ	30		11	\$ 330.00
249 (03)	Shape to hardened to dip left at m.p. 0.19 with outlet shaping left.		LS LSQ	1		100	\$ 100.00
207 (04)	Place geotextile non woven 8 oz. fabric under pit run material at dip.(30L x 15W) at m.p. 0.19.		SY DQ	50		2.5	\$ 125.00
204 (52)	Unclassified borrow Work includes hauling and placing 30 C.Y. pit run (39 c.y. loose material) over fabric at m.p. 0.18-0.20		CY DQ	30		11	\$ 330.00

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Pg. 3	FR 8148 (CONT)				D/W		
204 (52)	Unclassified borrow Work includes hauling and placing 95 C.Y. pit run (123.5 c.y. loose material) at milepost 0.26-0.32 (320' L X 12' W X 8")		CY DQ	95		11	\$ 1,045.00
249 (03)	Shape to hardened to dip left at m.p. 0.31 with outlet shaping left.		LS LSQ	1		100	\$ 100.00
207 (04)	Place geotextile non woven 8 oz. fabric under pit run material at dip at m.p. 0.31.(30L x 15W)		SY	50		2.5	\$ 125.00
249 (03)	Shape to hardened to dip left at m.p. 0.37 with outlet shaping left.		LS LSQ	1		100	\$ 100.00
207 (04)	Place geotextile non woven 8 oz. fabric under pit run material at dip at m.p. 0.37. (30L x 15W)		SY DQ	50		2.5	\$ 125.00
204 (52)	Unclassified borrow Work includes hauling and placing 30 C.Y. pit run (39 c.y. loose material) over fabric at m.p. 0.36-0.38		CY DQ	30		11	\$ 330.00
	FR 8148 TOTAL SPECIFIED ROAD SCHEDULE OF ITEMS						\$ 7,280.00
	Pit Run may be taken from Blue Jay Pit or other sources with prior approval of the Forest Service.						

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ReAd OLD GRADE STEWARDSHIP TIMBER SALE

SPECIFIED ROAD NOTES

- 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: In the narrative compacted and loose volumes are noted with loose Volumes in parenthesis.
- 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: Reconstructed roads have areas that need shaping to allow for cross drainage. When working in locations with high rock content shaping may have to be reduced due to lack of available soil and surface conditions.
- NOTE: There is **305 C.Y. of pit run** material required for road specified segments. This volume plus the normal compaction factor of 130% for pit run computes to a loose volume of 396.5 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 8148. **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: Geotextile Type II separation material must be equivalent or greater than **US 205 non-woven 8 Oz. fabric** which shall be placed under pit run at dip locations as noted on Schedule of Items.
- NOTE: Winter standard typical roads shall be built to minimize soil disturbance and potential erosion, and allow for proper cross drainage.
- NOTE: During clear and grub operations all slash resulting from purchasers operation shall be treated as per CT 6.7#.
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