

**SUMMER GARDEN TIMBER SALE
SPECIFIED ROAD SCHEDULE OF ITEMS**

12/09/2015

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
FR 5010-G							
	M.P. 0.0 - 0.22	R			S		
249 02	Composite Road Construction. Re-construct existing road to crown or out slope to match typical drawing include all excavation and travelway widening. (conserve topsoil and overburden)		Mile DQ	0.22		4200	\$ 924.00
FR 5010-G Specified Road Reconstruction Total							\$ 924.00
FR 5013							
	M.P. 0.00 - 0.01	R			S		
249 02	Composite Road Construction Reconstruct road to crown and prepare culvert bed and backfill culvert upon installation. Minor entrance widening.		LS LSQ	1		250	\$ 250.00
301 01	haul, and place 30 CY crushed aggregate surfacing (39 C.Y. loose) at MP 0.0-0.01		CY DQ	30		25	\$ 750.00
203 (04)	Remove existing pipe at MP 0.01 and dispose off of government property		LS LSQ	1		250	\$ 250.00
	M.P. 0.01						
602 11	Furnish & Install 40' x 12" galvanized corrugated metal pipe. (Riveted 16 gauge). Provide bolts and 2' culvert band.		Lin/Ft AQ	40		15	\$ 600.00
FR 5013 Specified Road Reconstruction Total							\$ 1,850.00
FR 5010-H							
	M.P. 0.00 - 0.19	R			S		
249 02	Composite Road Construction. Reconstruct road to crown or out slope left to match typical drawing and allow for cross drainage. Minor entrance widening. Construct turnaround left at the end of the road.(Conserve topsoil/overburden)		Mile DQ	0.19		4000	\$ 760.00
	M.P. 0.01						
301 01	Untreated Aggregate Courses. Furnish, haul, and place 30 CY crushed aggregate surfacing (39 C.Y. loose)		CY DQ	30		25	\$ 750.00

¹C = Construction; R = Reconstruction

²Method of Measure

³W = Winter; D = Dry Summer; S = Summer

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203 (04)	Remove existing pipe at milepost 0.01 and dispose off of government property		LS LSQ	1		250	\$ 250.00
249 03	Shift culvert left .Prepare culvert bed and properly backfill upon installation using 15 c.y local borrow from adjacent area.		LS LSQ	1		300	\$ 300.00
602 11	Furnish & Install 40' x 12" galvanized corrugated metal pipe. (Riveted 16 gauge). Provide bolts and 2' culvert band.		Lin/Ft AQ	40		15	\$ 600.00
FR 5010-H Specified Reconstruction Total							\$ 2,660.00
FR 5010-K							
M.P. 0.0 - 0.33		R			S		
249 02	Composite Road Construction. Re-construct existing road to crown or out slope to match typical drawing include all excavation and travel way widening. (conserve topsoil and overburden)		Mile DQ	0.33		4200	\$ 1,386.00
301 01	Untreated Aggregate Courses. Furnish, haul, and place 15 CY crushed aggregate surfacing (19.5 C.Y. loose)		CY DQ	15		25	\$ 375.00
249 03	Realign road right Milepost 0.01 - 0.03		LS LSQ	1		150	\$ 150.00
M.P. 0.02 - 0.04							
301 22	Haul and place 30 C.Y. pit run for surfacing hill. (39 loose material) (100'L x 12'W x 8"D)		CY DQ	30		11	\$ 330.00
M.P. 0.20-0.24							
249 03	Minor road realignment right from Milepost 0.20-0.24 and place 40 C.Y. excavation material from hills within travelway to low area at Milepost 0.25.		LS LSQ	1		300	\$ 300.00
FR 5010-K Specified Road Reconstruction Total							\$ 2,541.00
Summer Garden Timber Sale Specified Road Schedule of Items Grand Total							\$ 7,975.00

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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 unless otherwise stated.
- 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.
- NOTE:** During clear and grub operations all slash resulting from purchasers operation shall be treated as per CT 6.7#.
- NOTE:** In the narrative compacted and loose volumes are noted with loose volumes in parenthesis.
- NOTE:** There is **75 CY of crushed aggregate** required for placement on specified segments of purchaser responsibility roads. This volume plus the normal compaction factor of 130% computes to a loose volume of 97.5 CY. *Purchaser furnished material shall meet the gradation requirements for Michigan Department of State Highway Transportation designation 22-A.* **There is no government source available for crushed gravel for this project.**
- NOTE:** There is **30 CY of pitrun borrow/surfacing** required on FR 5010-K. This volume plus the normal compaction factor of 130% for pitrun surfacing computes to a loose volume of 39 CY. The material source for this project is the **308 Pit, located in T44N, R38W, Section 32,** unless changed by agreement with the Forest Service
- NOTE:** During gravel hauling operations "Trucks Hauling" signs shall be placed as directed by the Forest Service. See Sale Area Map for specific sign locations and Traffic Control Plan for sign size and type. *Signs shall be in place prior to hauling.*
- NOTE:** Purchaser shall furnish and install **two 40' x 12" galvanized corrugated metal pipes.** Corrugated galvanized culverts shall be riveted 16 gauge metal and both require a 2' wide connector band and bolts. The existing culverts at both locations must be removed and disposed off of government property.