

**APPENDIX D – PRELIMINARY CONSTRUCTION COST ESTIMATES (CHARETTE ROAD PAVING
UPGRADES – MAY 26, 2016)**

TABLE 1: PRELIMINARY CONSTRUCTION COST ESTIMATES (Charette Road Paving Upgrades - May 26, 2016)
 KGS File: 15-0107-014: Brady Road Resource Management Facility - Master Plan/Cell/Infrastructure

Items	Quantity	Unit	Unit Price	Total
Mob & Demob		L.S.		\$75,000
		Subtotal Mob & Demob:		\$75,000
<u>Single Lane Temporary Road</u>				
Traffic Gravel	5,000	cu m	90	\$450,000
Geotextile	11,000	sq m	5	\$55,000
Road Embankment	16,000	cu m	15	\$240,000
		Subtotal Temporary Road:		\$745,000
<u>Charette Road Reconstruction</u>				
Traffic Gravel	11,000	cu m	90	\$990,000
Geotextile	18,000	sq m	5	\$90,000
Road Embankment	16,000	cu m	15	\$240,000
Ditch Re-grading and Seeding	30,000	cu m	15	\$450,000
		Subtotal Charette Road Reconstruction:		\$1,770,000
		Summary		
		Mobilization & Demobilization:		\$75,000
		Temporary Road:		\$745,000
		Charette Road:		\$1,770,000
		Total Construction Estimate:		\$2,590,000
		Engineering Fees		\$170,000
		Subtotal Construction & Engineering Fees :		\$2,760,000
		30% Contingency (On Engineering and Construction Estimate):		\$828,000
		TOTAL ESTIMATE (Construction, Engineering & Contingency):		\$3,588,000

*** Note:** The estimate includes provision for a one-lane (4m wide) temporary road to be constructed adjacent to the existing Charette Road to facilitate only one direction of traffic. It is assumed that reconstruction of Charette Road can be performed one lane at a time such that the opposite direction of traffic can be maintained at all times on the existing road during construction.