

**Design Summary & Cost Estimate****Job: RR53-04-26****Project No.**
**Roadway Construction and Other Work**  
**Range Rd 54**
**Design Summary**  
**Ewanchuk Access**
**1.26 km****West of NW21 & Pt. of SW28-50-05-W5M****4.0m Road Top (7.5 Thru Lake)****9-Oct-12**

	ITEM	UNIT	DESIGN QUANTITY	ESTIMATE QUANTITY	UNIT COST	TOTAL
1	Right of Way Acquisition	acre	1.853	2	\$1,200.00	\$2,400.00
2	Clearing	ha	1.9	1.9	\$6,000.00	\$11,400.00
3	Roadway and Borrow Excavation, Common					
	a) Common	m <sup>3</sup>	0	0	\$10.00	\$0.00
	b) Roadway Waste (Strippings)	m <sup>3</sup>	11,034	11000	\$10.47	\$115,170.00
	c) Borrow Useable	m <sup>3</sup>	15,222	15000	\$10.47	\$157,050.00
	d) Borrow Waste	m <sup>3</sup>	7,200	7200	\$6.62	\$47,664.00
4	Supply, Deliver and Install CMP					
	a) 400mm Diameter	m	56	56	\$231.00	\$12,936.00
	b) 600mm Diameter	m	48	48	\$315.00	\$15,120.00
5	Remove existing culverts	m	0	0	\$231.00	\$0.00
6	Supply and Place Geotextile	m <sup>2</sup>	14,285	14285	\$3.00	\$42,855.00
7	Supply Haul and Place Surfacing Gravel					
	a) First Lift	t	693	700	\$22.48	\$15,736.00
	b) Second Lift	t	287	300	\$22.48	\$6,744.00
8	Fencing	km	2.52	2.60	\$7,500.00	\$19,500.00
						\$0.00
	<b>Subtotal</b>					<b>\$446,575.00</b>
	<b>Contingency (5%)</b>					<b>\$22,328.75</b>
	<b>Other Costs</b>					
1	In House Engineering Design and Construction Supervision					\$20,250.00
2	Aquatic Biophysical Review					\$15,000.00
3	Wetland Compensation					\$40,062.00
4	Supplies					\$1,000.00
5	General Services					\$1,000.00
	<b>Other Costs - Subtotal</b>					<b>\$77,312.00</b>
					<b>TOTAL</b>	<b>\$546,215.75</b>
					<b>say</b>	<b>\$547,000.00</b>

**Budget - \$**