

**CITY OF ROCHESTER HILLS
TIENKEN ROAD & KINGS COVE INTERSECTION IMPROVEMENTS
ADDITIONAL ITEMS**

**TABLE 1
ESTIMATED HOURS AND FEES**

March 22, 2005

HRC Job No. 20020367.07

Task Description	Rate Classification & Estimated Hours							Total Hours	Estimated Fees (x 2.9)
	Associate/ Project Manager	Sr. Engineer	Engineer	Sr. Tech.	Technician	Survey Office	Clerical		
	\$ 42	\$ 37	\$ 28	\$ 27	\$ 22	\$ 28	\$ 18		
INCURRED TO-DATE									
1 Utility Coordination	25	16		43				84	\$ 8,130
2 Conceptual Plans/Elevations	16	12	40		30			98	\$ 8,400
3 Misc. Items (RCOC Permit, Funding Application & Bridge Deck Mod.)	4	25			10			39	\$ 3,810
SUBTOTALS	45	53	40	43	40	-	-	221	\$ 20,340
STATE FUNDING									
1 Road Design Changes	30			120				150	\$ 13,050
2 Bridge Design Changes	30	360		250			12	652	\$ 62,490
3 Review Meetings	8	32						40	\$ 4,410
SUBTOTALS	68	392	-	370	-	-	12	842	\$ 79,950
PEDESTRIAN BRIDGE RELOCATION									
1 Evaluate Alternatives	4	20						24	\$ 2,640
2 Prepare Report	8	20			20		8	56	\$ 4,820
SUBTOTALS	12	40	-	-	20	-	8	80	\$ 7,460
ROW/EASEMENT ACQUISITION (4 Parcels)									
1 ROW Acquisition		120		80				200	\$ 19,140
2 Survey Documentation						32		32	\$ 2,600
SUBTOTALS	-	120	-	80	-	32	-	232	\$ 21,740
PROJECT TOTALS	125	605	40	493	60	32	20	1,375	\$ 129,490

ESTIMATED FEE SUMMARY

PERSONNEL	HOURS	RATE	TOTAL
Associate/ Project Manager	125	\$ 42.00	\$ 5,250.00
Sr. Engineer	605	\$ 37.00	\$ 22,390.00
Engineer	40	\$ 28.00	\$ 1,120.00
Sr. Tech.	493	\$ 27.00	\$ 13,310.00
Technician	60	\$ 22.00	\$ 1,320.00
Survey Office	32	\$ 28.00	\$ 900.00
Clerical	20	\$ 18.00	\$ 360.00
TOTAL DIRECT PAYROLL			\$ 44,650.00
TOTAL INDIRECT PAYROLL (1.9)			\$ 84,840.00
TOTAL ESTIMATED COST			\$ 129,490.00

REIMBURSABLES	Qty	RATE	TOTAL
Appraisal	4 parcels	\$ 3,500.00	\$ 14,000.00