

**ESTIMATE**

DISTRICT 21 SANITARY SEWER EXTENSION				
N.W. 1/4 SECTION 33, CITY OF ROCHESTER HILLS				
OAKLAND COUNTY, MICHIGAN				
(BASED ON FINAL BILLING BY SUPERIOR EXCAVATING)				
QTY.		DESCRIPTION	UNIT	PRICE
<b>SANITARY SEWER:</b>				
2323	LF	15" ABS Truss Pipe	94.00	218,362.00
2155	LF	12" ABS Truss Pipe	75.50	162,702.50
1457	LF	8" ABS Truss Pipe	66.75	97,254.75
1	EA	Tap Exist Manhole	1,500.00	1,500.00
4800	LF	Dewatering (north and south of Mead Road)	14.50	69,600.00
1	EA	Metering Manhole (w/o Equip)	3,500.00	3,500.00
1	EA	Flume	8,000.00	8,000.00
0	EA	Ultrasonic Flowmeter System Incl. All Necessary Equip.	44,000.00	-
2286	LF	Silt Fence	1.75	4,000.50
7430	SY	8" 22AA Gravel Road Surface Restoration	6.50	48,295.00
136.7	SY	8" 22AA Driveway Restoration	6.50	888.55
35	SY	4" Bit Pavement Restoration	20.00	700.00
12100	SY	3" Topsoil, Seed, Mulch	3.25	39,325.00
LUMP SUM		Maintenance Bond	6,200.00	6,200.00
LUMP SUM		Traffic Control	11,640.00	11,640.00
25	EA	4' Manhole	2,200.00	55,000.00
SUB TOTAL SANITARY SEWER:				\$ 726,968.30
<b>MISCELLANEOUS:</b>				
LUMP SUM		Engineering Design Fee	82,927.00	82,927.00
LUMP SUM		Field Staking	9,150.00	9,150.00
LUMP SUM		As-Built Drawings	5,600.00	5,600.00
SUB TOTAL MISCELLANEOUS:				\$ 97,677.00
<b>TOTAL OF ALL ABOVE ITEMS:</b>				<b>\$ 824,645.30</b>
<b>Cost Sharing Analysis:</b>				
155 Lots to be serviced in Rochester Hills				
546 Lots to be serviced in Oakland Township, 1.21 cfs				
701 Total Lots				
Percentage of Cost: ROCHESTER HILLS (155/701) = 22.1% X \$ 824,645.30 = \$182,246.61				
Percentage of Cost: OAKLAND TOWNSHIP (546/701) = 77.9% X \$ 824,645.30 = \$642,398.69				
<b>EXTRA ITEMS: ROCHESTER HILLS</b>				
425	LF	6" ABS Solid Wall House Lead (Rochester Hills)	38.50	16,362.50
11	EA	6" Capped Wye (Rochester Hills)	210.00	2,310.00
LUMP SUM		Excess Trucking South of Mead Road	47,000.00	47,000.00
5851	CY	Excess sand	7.50	43,882.50
1313.43	CY	Limestone south of Mead Road	13.50	17,731.31
2	EA	Recore Manhole (change order per City)	1,250.00	2,500.00
LUMP SUM		Engineering Plan Revision by Giffels Webster (sewer reloc.)	2,655.00	2,655.00
SUB TOTAL ROCHESTER HILLS:				\$ 132,441.31
<b>EXTRA ITEMS: OAKLAND TOWNSHIP</b>				
406	LF	6" ABS Solid Wall House Lead	38.50	15,631.00
23	EA	6" Capped Wye	210.00	4,830.00
LUMP SUM		Excess Trucking North of Mead Road	32,000.00	32,000.00
1309.33	CY	Limestone north of Mead Road	13.50	17,675.96
940	SY	6" Asphalt	36.00	33,840.00
187	LF	Curb	25.00	4,675.00
LUMP SUM		Soil Compaction by McDowell	2,133.00	2,133.00
LUMP SUM		Inspection and Plan Review	23,921.00	23,921.00
SUB TOTAL OAKLAND TOWNSHIP:				\$ 134,705.96
<b>TOTAL ROCHESTER HILLS:</b>				<b>\$ 314,687.92</b>
<b>TOTAL OAKLAND TOWNSHIP:</b>				<b>\$ 777,104.65</b>
<b>TOTAL OF ALL ABOVE ITEMS:</b>				<b>\$1,091,792.57</b>