

MINNESOTA DRAIN
ULTIMATE DESIGN

PROJECT COST ESTIMATE

ITEM DESCRIPTION	COST	
MINNESOTA DRAIN LENGTH OF PROJECT = 1.25 MILES		
PROJECT ESTIMATED CONSTRUCTION COST		\$732,542.00
BASIC SERVICES FEE		
Engineering Services Fee (8% of Construction Cost)	\$58,603.36	
Topographic Survey Services Fee (2.5% of Construction Cost)	\$18,313.55	
Basic Fee (Prelim Eng, Design & Construction Services Fee)	\$76,916.91	
RIGHT-OF-WAY SERVICES COST (Add'l Service):		
Obtain Title Reports (Est 16 Parcels @ \$600.00/Parcel)	\$9,600.00	
Develop Parcels & R.O.W. Map (Est 16 Parcels @ \$2,200.00/Parcel)	\$35,200.00	
R.O.W. Map Services Fee	\$44,800.00	
GEOTECHNICAL INVESTIGATION (Add'l Services)		
Geotechnical Services	\$8,000.00	
Geotechnical Investigations Services Fee	\$8,000.00	
TOTAL PROJECT PROFESSIONAL SERVICES COST		\$129,716.91

TOTAL PROJECT ESTIMATED COST		
ESTIMATED CONSTRUCTION COST	\$732,542.00	
PROFESSIONAL SERVICES COST	\$129,716.91	
R.O.W. ACQUISITION COST (Est. 9 Ac @ \$20,000/Ac)	\$180,000.00	
TOTAL PROJECT COST		\$1,042,258.91

R. Gutierrez Engineering Corporation

Statement of Probable Cost

Describe Minnesota Drain - Ultimate Design

Project Eng09.001

By: R.G.

Date: 27-Jul-10

ITEM NO.	DESCRIPTION	UNIT	UNIT COST	ESTIMATED QUANTITY	TOTAL COST
	I. DRAIN DITCH				
1	Ditch Excavation	CY	\$3.40	55,959	\$190,260.60
2	Ditch Fill	CY	\$3.40	8,506	\$28,920.40
3	48" R.C.P. CULVERT	LF	\$68.00	458	\$31,144.00
4	42" R.C.P. CULVERT	LF	\$58.00	2,784	\$161,472.00
5	36" R.C.P. PIPE	LF	\$48.00	460	\$22,080.00
5	30" R.C.P. CULVERT	LF	\$36.00	430	\$15,480.00
6	24" R.C.P. CULVERT	LF	\$28.00	480	\$13,440.00
7	6' CONC. MANHOLE	EA	\$2,600.00	5	\$13,000.00
8	TYPE "C" INLET	EA	\$1,950.00	3	\$5,850.00
9	TYPE "CC" INLET	EA	\$2,400.00	3	\$7,200.00
10	S.E.T. (24") SLOPE 4:1	LF	\$750.00	1	\$750.00
11	Concrete Riprap	CY	\$350.00	380	\$133,000.00
12	Concrete Wingwall	EA	\$6,500.00	6	\$39,000.00
13	Trench Safety Protection	LF	\$1.50	2,900	\$4,350.00
DRAIN DITCH SUB-TOTAL :					\$665,947.00
GRAND TOTAL :					\$665,947.00
10% CONTINGENCY :					\$66,595.00
TOTAL PROBABLE CONSTRUCTION COST :					\$732,542.00