

CAROLAN AVENUE COMPLETE STREETS PROJECT NO. 83680				ENGINEER'S ESTIMATE		GHILOTTI		REDGWICK	
ITEM	DESCRIPTION OF ITEM	ESTIMATED QUANTITY	UNIT	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST	UNIT PRICE	TOTAL COST
BID SCHEDULE:									
1	Prepare Water Pollution Control Program	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00
2	Water Pollution Control	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 10,000.00	\$ 10,000.00	\$ 8,500.00	\$ 8,500.00
3	Construction Area Signs	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 9,500.00	\$ 9,500.00
4	Contractor Potholing (assumed 20 Potholes)	1	LS	\$ 36,000.00	\$ 36,000.00	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00
5	Construction Staking	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00	\$ 14,000.00	\$ 14,000.00
6	Clearing and Grubbing	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 18,000.00	\$ 18,000.00
7	Traffic Control System	1	LS	\$ 75,000.00	\$ 75,000.00	\$ 106,000.00	\$ 106,000.00	\$ 449,950.00	\$ 449,950.00
8	Roadway Excavation (F)	496	CY	\$ 100.00	\$ 49,600.00	\$ 300.00	\$ 148,800.00	\$ 300.00	\$ 148,800.00
9	Hot Mix Asphalt (Type A) (Overlay)	2,648	Ton	\$ 130.00	\$ 344,240.00	\$ 115.00	\$ 304,520.00	\$ 120.00	\$ 317,760.00
10	Hot Mix Asphalt (Type A)	302	Ton	\$ 130.00	\$ 39,260.00	\$ 205.00	\$ 61,910.00	\$ 200.00	\$ 60,400.00
11	Minor Concrete (Deepened Curb and Gutter)	398	LF	\$ 100.00	\$ 39,800.00	\$ 120.00	\$ 47,760.00	\$ 205.00	\$ 81,590.00
12	Minor Concrete (Curb and Gutter)	502	LF	\$ 50.00	\$ 25,100.00	\$ 100.00	\$ 50,200.00	\$ 135.00	\$ 67,770.00
13	Minor Concrete (Sidewalk)	4,333	SF	\$ 18.00	\$ 77,994.00	\$ 27.00	\$ 116,991.00	\$ 24.00	\$ 103,992.00
14	Minor Concrete (Planter Wall)	339	LF	\$ 80.00	\$ 27,120.00	\$ 95.00	\$ 32,205.00	\$ 120.00	\$ 40,680.00
15	Detectable Warning Surface	233	SF	\$ 20.00	\$ 4,660.00	\$ 30.00	\$ 6,990.00	\$ 37.00	\$ 8,621.00
16	12" PVC SDR 26	80	LF	\$ 130.00	\$ 10,400.00	\$ 180.00	\$ 14,400.00	\$ 325.00	\$ 26,000.00
17	12" HDPE Pipe	6	LF	\$ 200.00	\$ 1,200.00	\$ 400.00	\$ 2,400.00	\$ 700.00	\$ 4,200.00
18	Storm Drain Inlet (Field Inlet)	4	EA	\$ 5,500.00	\$ 22,000.00	\$ 2,500.00	\$ 10,000.00	\$ 5,000.00	\$ 20,000.00
19	Modify Existing Inlet	3	EA	\$ 6,500.00	\$ 19,500.00	\$ 2,000.00	\$ 6,000.00	\$ 4,500.00	\$ 13,500.00
20	Rip Rap Energy Dissipater	18	EA	\$ 300.00	\$ 5,400.00	\$ 400.00	\$ 7,200.00	\$ 700.00	\$ 12,600.00
21	Cold Plane Asphalt Concrete Pavement (depth = 0.15")	26,604	SY	\$ 4.00	\$ 106,416.00	\$ 4.00	\$ 106,416.00	\$ 4.50	\$ 119,718.00
22	Remove/Salvage Roadside Sign	2	EA	\$ 300.00	\$ 600.00	\$ 150.00	\$ 300.00	\$ 150.00	\$ 300.00
23	Roadside Sign and Post	8	EA	\$ 600.00	\$ 4,800.00	\$ 250.00	\$ 2,000.00	\$ 250.00	\$ 2,000.00
24	Relocate Sign and Post	6	EA	\$ 400.00	\$ 2,400.00	\$ 200.00	\$ 1,200.00	\$ 200.00	\$ 1,200.00
25	Replace Sign Panel	24	EA	\$ 300.00	\$ 7,200.00	\$ 100.00	\$ 2,400.00	\$ 100.00	\$ 2,400.00
26	Remove Pavement Striping and Markings	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 100.00	\$ 100.00	\$ 2,000.00	\$ 2,000.00
27	Pavement Marking (Detail 9)	100	LF	\$ 1.00	\$ 100.00	\$ 0.50	\$ 50.00	\$ 0.50	\$ 50.00
28	Pavement Marking (Detail 22)	1,016	LF	\$ 6.00	\$ 6,096.00	\$ 1.10	\$ 1,117.60	\$ 1.10	\$ 1,117.60
29	Pavement Marking (Detail 29)	2,117	LF	\$ 5.00	\$ 10,585.00	\$ 0.90	\$ 1,905.30	\$ 1.00	\$ 2,117.00
30	Pavement Marking (Detail 32)	2,853	LF	\$ 4.00	\$ 11,412.00	\$ 0.95	\$ 2,710.35	\$ 1.00	\$ 2,853.00
31	Pavement Marking (Detail 38)	1,070	LF	\$ 2.00	\$ 2,140.00	\$ 0.90	\$ 963.00	\$ 1.00	\$ 1,070.00
32	Pavement Marking (Detail 39)	14,732	LF	\$ 1.50	\$ 22,098.00	\$ 0.60	\$ 8,839.20	\$ 0.60	\$ 8,839.20
33	Pavement Marking (Detail 39A)	3,240	LF	\$ 1.00	\$ 3,240.00	\$ 0.60	\$ 1,944.00	\$ 0.60	\$ 1,944.00
34	Pavement Marking (Detail 41)	116	LF	\$ 1.00	\$ 116.00	\$ 0.40	\$ 46.40	\$ 0.40	\$ 46.40
35	Thermoplastic Pavement Marking (Green)	7,620	SF	\$ 12.00	\$ 91,440.00	\$ 4.50	\$ 34,290.00	\$ 4.50	\$ 34,290.00
36	Thermoplastic Pavement Marking (Yellow)	702	SF	\$ 6.00	\$ 4,212.00	\$ 3.65	\$ 2,562.30	\$ 3.65	\$ 2,562.30
37	Thermoplastic Pavement Marking (White)	3,319	SF	\$ 6.00	\$ 19,914.00	\$ 3.65	\$ 12,114.35	\$ 3.65	\$ 12,114.35
38	RRFB Assembly	2	EA	\$ 18,700.00	\$ 37,400.00	\$ 23,675.00	\$ 47,350.00	\$ 18,500.00	\$ 37,000.00
39	Pull Box No. 5	3	EA	\$ 800.00	\$ 2,400.00	\$ 750.00	\$ 2,250.00	\$ 650.00	\$ 1,950.00
40	Pull Box No. 6	2	EA	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 700.00	\$ 1,400.00
41	Conductor Wire	840	LF	\$ 4.00	\$ 3,360.00	\$ 10.00	\$ 8,400.00	\$ 4.00	\$ 3,360.00
42	Conduit 2"	120	LF	\$ 45.00	\$ 5,400.00	\$ 50.00	\$ 6,000.00	\$ 65.00	\$ 7,800.00
43	Conduit 3"	80	LF	\$ 65.00	\$ 5,200.00	\$ 50.00	\$ 4,000.00	\$ 65.00	\$ 5,200.00
44	Decorative Single Head Pedestrian Luminaire	2	EA	\$ 6,000.00	\$ 12,000.00	\$ 10,000.00	\$ 20,000.00	\$ 9,200.00	\$ 18,400.00
45	Removal of in-pavement Crosswalk Lighting System	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
46	PG&E Service Coordination	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 1,500.00	\$ 1,500.00
47	Biofiltration/Rain Garden (soil prep, mulch, barrier)	2,000	SF	\$ 22.00	\$ 44,000.00	\$ 20.00	\$ 40,000.00	\$ 50.00	\$ 100,000.00
48	Planting area (soil, prep, mulch)	360	SF	\$ 14.00	\$ 5,040.00	\$ 20.00	\$ 7,200.00	\$ 3.50	\$ 1,260.00
49	Street tree (36" box, soil)	9	EA	\$ 1,000.00	\$ 9,000.00	\$ 1,200.00	\$ 10,800.00	\$ 2,700.00	\$ 24,300.00
50	1 gallon shrub	1,140	EA	\$ 17.50	\$ 19,950.00	\$ 15.00	\$ 17,100.00	\$ 25.00	\$ 28,500.00
51	5 gallon shrub	51	EA	\$ 41.00	\$ 2,091.00	\$ 40.00	\$ 2,040.00	\$ 70.00	\$ 3,570.00
52	Plant Establishment (1 year)	1	LS	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 27,000.00	\$ 27,000.00
53	Mobilization	1	LS	\$ 50,000.00	\$ 50,000.00	\$ 150,000.00	\$ 150,000.00	\$ 85,500.00	\$ 85,500.00
54	Relocate Fire Hydrant	1	EA	\$ 5,500.00	\$ 5,500.00	\$ 7,000.00	\$ 7,000.00	\$ 5,000.00	\$ 5,000.00
55	4" PVC Underdrain (Perforated)	180	LF	\$ 22.00	\$ 3,960.00	\$ 140.00	\$ 25,200.00	\$ 75.00	\$ 13,500.00
56	Utility Positive Location (Potholing)	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00	\$ 3,500.00	\$ 3,500.00
TOTAL BID CONSTRUCTION COST					\$ 1,449,344.00		\$ 1,530,174.50		\$ 1,983,224.85