

EXHIBIT C

SID 1388 - Dorothy Lane

ENGINEER'S ESTIMATE OF PROBABLE COST

All Improvements

This estimate is based on approximate quantities and costs for improvements, complete in-place to serve Dorothy Lane from Bench Boulevard to Hawthorne Lane

ALL ITEMS ARE COMPLETE IN-PLACE

ITEM NO.	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE	Total Cost
ENTIRE PROJECT - BENCH BOULEVARD TO HAWTHORNE LANE					
<u>Streets & Storm Drain</u>					
101	1	LS	Mobilization and Insurance (5%)	@ 12885.23 / LS = \$	12,885.23
102	1	LS	Clearing and Grubbing	@ \$2,577.05 / LS = \$	2,577.05
103	1	CY	Erosion Control	@ \$2,577.05 / CY = \$	2,577.05
104	1	CY	Traffic Control	@ \$5,154.09 / CY = \$	5,154.09
105	550	CY	Unclassified Excavation	@ \$7.00 / CY = \$	3,850.00
106	1	LS	Scarify Existing Gravel	@ \$12,500.00 / LS = \$	12,500.00
107	425	CY	1 1/2-inch Base Gravel	@ \$22.00 / CY = \$	9,350.00
108	750	SF	HC Ramps	@ \$6.50 / SF = \$	4,875.00
109	1,580	TN	Asphalt (3-inch Thick)	@ \$40.00 / TN = \$	63,200.00
110	95	TN	Asphalt Oil (6%)	@ \$400.00 / TN = \$	38,000.00
111	10	EA	Manhole Adjustment	@ \$400.00 / EA = \$	4,000.00
112	16	EA	Valve Adjustment	@ \$200.00 / EA = \$	3,200.00
113	2	EA	Relocate Hydrant	@ \$1,000.00 / EA = \$	2,000.00
114	1	LS	Grade Drainage Swale	@ \$5,000.00 / LS = \$	5,000.00
115	0	LF	10" Culverts under Driveways	@ \$25.00 / LF = \$	-
116	100	SF	Concrete Trail Removal and Replacement	@ \$6.00 / SF = \$	600.00
117	10	EA	New Traffic Control Signs	@ \$150.00 / EA = \$	1,500.00
118	150	LF	Curb & Gutter Removal	@ \$3.00 / LF = \$	450.00
119	100	SY	Flatwork Removal	@ \$20.00 / SY = \$	2,000.00
120	2	EA	Storm Drain Inlets	@ \$1,500.00 / EA = \$	3,000.00
121	4	EA	36" Storm Drain Manholes	@ \$2,500.00 / EA = \$	10,000.00
122	550	LF	15" Storm Drain Pipe	@ \$40.00 / LF = \$	22,000.00
123	75	LF	12" Lateral SD Pipe	@ \$20.00 / LF = \$	1,500.00
124	148	CY	Infiltration Facility	@ \$75.00 / CY = \$	11,111.11
125	1	EA	Slotted Storm Drain Manholes	@ \$3,500.00 / EA = \$	3,500.00
126	1	LS	Shape Detention Pond	@ \$2,000.00 / LS = \$	2,000.00
127	1	LS	Irrigation Repair	@ \$2,000.00 / LS = \$	2,000.00
128	18,500	SF	Seeding	@ \$0.35 / SF = \$	6,475.00
129	1,500	SF	Landscape Sod	@ \$1.50 / SF = \$	2,250.00
130	5	EA	Tree Removal	@ \$150.00 / EA = \$	750.00
131	1	LS	Relocate Fence	@ \$2,500.00 / LS = \$	2,500.00
132	26	EA	Mailbox Relocation	@ \$250.00 / EA = \$	6,500.00
133	1	LS	Extend Drainage Culvert	@ \$500.00 / LS = \$	500.00
134	200	CY	Top Soil	@ \$45.00 / CY = \$	9,000.00
135	2	Ea	Tree Replacement	@ \$450.00 / Ea = \$	900.00
Subtotal - Streets					\$ 257,704.52
<u>Curb & Gutter (New)</u>					
201	1	LS	Mobilization and Insurance (5%)	@ \$1,899.16 / LS = \$	1,899.16
202	1,831	LF	2-foot Ribbon Curb	@ \$12.00 / LF = \$	21,972.00
203	1,176	LF	Standard Curb & Gutter	@ \$12.00 / LF = \$	14,112.00
Subtotal - Curb/Gutter					\$ 37,983.16
<u>Sidewalk (New)</u>					
301	1	LS	Mobilization and Insurance (5%)	@ \$182.89 / LS = \$	182.89
302	695	SF	4-inch Thick Sidewalk	@ \$5.00 / SF = \$	3,475.00
Subtotal - Sidewalk					\$ 3,657.89
<u>Drive Approaches</u>					
401	1	LS	Mobilization and Insurance (5%)	@ \$2,669.51 / LS = \$	2,669.51
402	4,032	SF	6-inch Thick Drive Approach	@ \$7.00 / SF = \$	28,224.00
403	437	SY	Asphalt Drive Approach	@ \$20.00 / SY = \$	8,746.67
404	150	CY	Driveway Gravel	\$25.00 / CY = \$	3,750.00
405	2,000	SF	6-inch Concrete Driveway Match	@ \$5.00 / SF = \$	10,000.00
Subtotal - Sidewalk					\$ 53,390.18
Total Construction Costs					\$ 352,735.75
Construction Contingency 15%					\$ 52,910.36
City Contribution Storm 50%					\$ (36,793.06)
City Contribution Streets					\$ (35,273.57)
TOTAL COST OF CONSTRUCTION IMPROVEMENTS					= \$ 333,579.48
<u>Construction & S.I.D. Administrative Costs</u>					
Design and Construction Administration 12.5%					= \$41,697.43
Geotech Report					= \$3,050.00
TOTAL ADMINISTRATIVE COSTS					= \$44,747.43
CONSTRUCTION & ADMINISTRATION SUBTOTAL					= \$378,326.91

ITEM NO.	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE	Total Cost
BENCH BOULEVARD TO COTTONWOOD BOULEVARD					
<u>Streets & Storm Drain</u>					
101.1	1	LS	Mobilization and Insurance (5%)	@ \$ 5,833.79 / LS = \$	5,833.79
102.1	1	LS	Clearing and Grubbing	@ \$ 1,166.76 / LS = \$	1,166.76
103.1	1	CY	Erosion Control	@ \$ 1,166.76 / CY = \$	1,166.76
104.1	1	CY	Traffic Control	@ \$ 2,333.52 / CY = \$	2,333.52
105.1	413	CY	Unclassified Excavation	@ \$7.00 / CY = \$	2,887.50
106.1	0.5	LS	Scarify Existing Gravel	@ \$12,500.00 / LS = \$	6,250.00
107.1	319	CY	1 1/2-inch Base Gravel	@ \$22.00 / CY = \$	7,012.50
108.1	500	SF	HC Ramps	@ \$6.50 / SF = \$	3,250.00
109.1	790	TN	Asphalt (3-inch Thick)	@ \$40.00 / TN = \$	31,600.00
110.1	48	TN	Asphalt Oil (6%)	@ \$400.00 / TN = \$	19,000.00
111.1	6	EA	Manhole Adjustment	@ \$400.00 / EA = \$	2,400.00
112.1	7	EA	Valve Adjustment	@ \$200.00 / EA = \$	1,400.00
113.1	2	EA	Relocate Hydrant	@ \$1,000.00 / EA = \$	2,000.00
114.1	1.0	LS	Grade Drainage Swale	@ \$5,000.00 / LS = \$	5,000.00
115.1	0	LF	10" Culverts under Driveways	@ \$25.00 / LF = \$	-
116.1	100	SF	Concrete Trail Removal and Replacement	@ \$6.00 / SF = \$	600.00
117.1	7.0	EA	New Traffic Control Signs	@ \$150.00 / EA = \$	1,050.00
118.1	0	LF	Curb & Gutter Removal	@ \$3.00 / LF = \$	-
119.1	50	SY	Flatwork Removal	@ \$20.00 / SY = \$	1,000.00
120.1	0	EA	Storm Drain Inlets	@ \$1,500.00 / EA = \$	-
121.1	0	EA	36" Storm Drain Manholes	@ \$2,500.00 / EA = \$	-
122.1	0	LF	15" Storm Drain Pipe	@ \$40.00 / LF = \$	-
123.1	0	LF	12" Lateral SD Pipe	@ \$20.00 / LF = \$	-
124.1	0	CY	Infiltration Facility	@ \$75.00 / CY = \$	-
125.1	0	EA	Slotted Storm Drain Manholes	@ \$3,500.00 / EA = \$	-
126.1	0.0	LS	Shape Detention Pond	@ \$2,000.00 / LS = \$	-
127.1	0.5	LS	Irrigation Repair	@ \$2,000.00 / LS = \$	1,000.00
128.1	18,000	SF	Seeding	@ \$0.35 / SF = \$	6,300.00
129.1	1,000	SF	Landscape Sod	@ \$1.50 / SF = \$	1,500.00
130.1	2.5	EA	Tree Removal	@ \$150.00 / EA = \$	375.00
131.1	0.5	LS	Relocate Fence	@ \$2,500.00 / LS = \$	1,250.00
132.1	13.0	EA	Mailbox Relocation	@ \$250.00 / EA = \$	3,250.00
133.1	1.0	LS	Extend Drainage Culvert	@ \$500.00 / LS = \$	500.00
134.1	170.0	CY	Top Soil	@ \$45.00 / CY = \$	7,650.00
135.1	2.0	Ea	Tree Replacement	@ \$450.00 / Ea = \$	900.00
Subtotal - Streets					\$ 116,675.82
<u>Curb & Gutter (New)</u>					
201.1	1	LS	Mobilization and Insurance (5%)	@ \$1,156.42 / LS = \$	1,156.42
202.1	1,831	LF	2-foot Ribbon Curb	@ \$12.00 / LF = \$	21,972.00
203.1	0	LF	Standard Curb & Gutter	@ \$12.00 / LF = \$	-
Subtotal - Curb/Gutter					\$ 23,128.42
<u>Sidewalk (New)</u>					
301.1	1	LS	Mobilization and Insurance (5%)	@ \$0.00 / LS = \$	-
302.1	0	SF	4-inch Thick Sidewalk	@ \$5.00 / SF = \$	-
Subtotal - Sidewalk					= \$ -
<u>Drive Approaches</u>					
401.1	1	LS	Mobilization and Insurance (5%)	@ \$920.88 / LS = \$	920.88
402.1	437	SY	Asphalt Drive Approach	@ \$20.00 / SY = \$	8,746.67
403.1		SF		/ SF = \$	-
404.1	150	CY	Driveway Gravel	\$25.00 / CY = \$	3,750.00
405.1	1,000	SF	6-inch Concrete Driveway Match	@ \$5.00 / SF = \$	5,000.00
Subtotal - Sidewalk					= \$ 18,417.54
Total Construction Costs					\$ 158,221.79
Construction Contingency 15%					\$ 23,733.27
City Contribution Storm 50%					\$ (9,475.00)
City Contribution Streets					\$ (17,636.79)
TOTAL COST OF CONSTRUCTION IMPROVEMENTS					= \$ 154,843.27
<u>Construction & S.I.D. Administrative Costs</u>					
Design and Construction Administration 12.5%					= \$19,355.41
Geotech Report					= \$1,525.00
TOTAL ADMINISTRATIVE COSTS					= \$20,880.41
CONSTRUCTION & ADMINISTRATION SUBTOTAL					= \$175,723.68

ITEM NO.	EST. QTY.	UNIT	DESCRIPTION	UNIT PRICE	Total Cost
COTTONWOOD BOULEVARD TO HAWTHORNE LANE					
<u>Streets & Storm Drain</u>					
101.2	1	LS	Mobilization and Insurance (5%)	@ \$ 7,051.43 / LS = \$	7,051.43
102.2	1	LS	Clearing and Grubbing	@ \$ 1,410.29 / LS = \$	1,410.29
103.2	1	CY	Erosion Control	@ \$ 1,410.29 / CY = \$	1,410.29
104.2	1	CY	Traffic Control	@ \$ 2,820.57 / CY = \$	2,820.57
105.2	138	CY	Unclassified Excavation	@ \$7.00 / CY = \$	962.50
106.2	0.5	LS	Scarify Existing Gravel	@ \$12,500.00 / LS = \$	6,250.00
107.2	106	CY	1 1/2-inch Base Gravel	@ \$22.00 / CY = \$	2,337.50
108.2	250	SF	HC Ramps	@ \$6.50 / SF = \$	1,625.00
109.2	790	TN	Asphalt (3-inch Thick)	@ \$40.00 / TN = \$	31,600.00
110.2	48	TN	Asphalt Oil (6%)	@ \$400.00 / TN = \$	19,000.00
111.2	4	EA	Manhole Adjustment	@ \$400.00 / EA = \$	1,600.00
112.2	9	EA	Valve Adjustment	@ \$200.00 / EA = \$	1,800.00
113.2	0	EA	Relocate Hydrant	@ \$1,000.00 / EA = \$	-
114.2	0	LS	Grade Drainage Swale	@ \$5,000.00 / LS = \$	-
115.2	0	LF	10" Culverts under Driveways	@ \$25.00 / LF = \$	-
116.2	0	SF	Concrete Trail Removal and Replacement	@ \$6.00 / SF = \$	-
117.2	3.0	EA	New Traffic Control Signs	@ \$150.00 / EA = \$	450.00
118.2	150	LF	Curb & Gutter Removal	@ \$3.00 / LF = \$	450.00
119.2	50	SY	Flatwork Removal	@ \$20.00 / SY = \$	1,000.00
120.2	2	EA	Storm Drain Inlets	@ \$1,500.00 / EA = \$	3,000.00
121.2	4	EA	36" Storm Drain Manholes	@ \$2,500.00 / EA = \$	10,000.00
122.2	550	LF	15" Storm Drain Pipe	@ \$40.00 / LF = \$	22,000.00
123.2	75	LF	12" Lateral SD Pipe	@ \$20.00 / LF = \$	1,500.00
124.2	148	CY	Infiltration Facility	@ \$75.00 / CY = \$	11,111.11
125.2	1	EA	Slotted Storm Drain Manholes	@ \$3,500.00 / EA = \$	3,500.00
126.2	1.0	LS	Shape Detention Pond	@ \$2,000.00 / LS = \$	2,000.00
127.2	0.5	LS	Irrigation Repair	@ \$2,000.00 / LS = \$	1,000.00
128.2	500	SF	Seeding	@ \$0.35 / SF = \$	175.00
129.2	500	SF	Landscape Sod	@ \$1.50 / SF = \$	750.00
130.2	2.5	EA	Tree Removal	@ \$150.00 / EA = \$	375.00
131.2	0.5	LS	Relocate Fence	@ \$2,500.00 / LS = \$	1,250.00
132.2	13.0	EA	Mailbox Relocation	@ \$250.00 / EA = \$	3,250.00
133.2	0.0	LS	Extend Drainage Culvert	@ \$500.00 / LS = \$	-
134.2	30.0	CY	Top Soil	@ \$45.00 / CY = \$	1,350.00
135.2	0.0	Ea	Tree Replacement	@ \$450.00 / Ea = \$	-
Subtotal - Streets					\$ 141,028.69
<u>Curb & Gutter (New)</u>					
201.2	1	LS	Mobilization and Insurance (5%)	@ \$742.74 / LS = \$	742.74
202.2		LF	2-foot Ribbon Curb	@ \$12.00 / LF = \$	-
203.2	1,176	LF	Standard Curb & Gutter	@ \$12.00 / LF = \$	14,112.00
Subtotal - Curb/Gutter					\$ 14,854.74
<u>Sidewalk (New)</u>					
301.2	1	LS	Mobilization and Insurance (5%)	@ \$182.89 / LS = \$	182.89
302.2	695	SF	4-inch Thick Sidewalk	@ \$5.00 / SF = \$	3,475.00
Subtotal - Sidewalk					= \$ 3,657.89
<u>Drive Approaches</u>					
401.2	1	LS	Mobilization and Insurance (5%)	@ \$1,748.63 / LS = \$	1,748.63
402.2	4,032	SF	6-inch Thick Drive Approach	@ \$7.00 / SF = \$	28,224.00
403.2		SF		/ SF = \$	-
404.2		CY	Driveway Gravel	\$25.00 / CY = \$	-
405.2	1,000	SF	6-inch Concrete Driveway Match	@ \$5.00 / SF = \$	5,000.00
Subtotal - Sidewalk					= \$ 34,972.63
Total Construction Costs					\$ 194,513.96
Construction Contingency 15%					\$ 29,177.09
City Contribution Storm 50%					\$ (27,318.06)
City Contribution Streets					\$ (17,636.79)
TOTAL COST OF CONSTRUCTION IMPROVEMENTS					= \$ 178,736.21
<u>Construction & S.I.D. Administrative Costs</u>					
Design and Construction Administration 12.5%					= \$22,342.03
Geotech Report					= \$1,525.00
TOTAL ADMINISTRATIVE COSTS					= \$23,867.03