

**Desert Trail Elementary / Concrete Swales & Stem Wall**

Prepared by: Alberto Urueta

Date: 2/12/2008

Engineer's Estimate

BID ITEM No.	BID ITEM	EST. Qty.	UNITS	UNIT PRICE	COST
1	Sawcut & demolish existing pavement	116	SF	\$7.00	\$812.00
2	Excavation	975	CY	\$9.00	\$8,775.00
3	Hand trim & fine grade	25,699	SF	\$0.30	\$7,709.70
4	6" Subgrade compacted to 95% Modified Proctor	2,855	SY	\$4.00	\$11,420.00
5	12' - 0" Concrete swale	1,525	LF	\$85.00	\$129,625.00
6	3' - 0" Concrete swale	340	LF	\$16.00	\$5,440.00
7	3' - 0" Concrete downspout rundown	150	LF	\$20.00	\$3,000.00
8	Culvert crossing detail, sidewalk included	1	LS	\$800.00	\$800.00
9	10" x 24" Stem wall with 18" x 12" reinforced footing	515	LF	\$92.00	\$47,380.00
10	Supply & install compacted red crusher fines	4,800	SF	\$1.20	\$5,760.00
11	Supply & install grass seeding compatible w/existing grass	1,020	SF	\$0.90	\$918.00
12	6" Thick concrete pavement, reinforced w/ #4 @ 12" both directions	56	SF	\$8.00	\$448.00
13	4' Concrete pond rundown	33	LF	\$28.00	\$924.00
14	12' X 12' X 1' Thick Wire-tied Rip Rap mattress	144	CY	\$90.00	\$12,960.00
15	Grade to direct water to existing pond	2,500	SY	\$2.00	\$5,000.00
16	Construction of -113'-6" x 84'-6" x 3' deep pond	1	LS	\$28,000.00	\$28,000.00
17	4' High Chain link fence w/ (6) 3' wide access gates included.	2,020	LF	\$11.50	\$23,230.00
18	Backfill and compaction of excavated material	245	CY	\$6.50	\$1,592.50
19	Dispose of excavated material	947	CY	\$9.00	\$8,523.00
20	Final inspection & clean up	1	LS	\$2,500.00	\$2,500.00
<b>SUB TOTAL</b>					<b>\$304,817.20</b>

NMGRT ( 7.125% )

\$21,718.23

PERMITS, FEES, ADMINISTRATION AND CONTINGENCY ( 15% )

\$45,722.58

**TOTAL COST ESTIMATE**

**\$372,258.01**

**Santa Teresa Elementary / Concrete Swales & Stem Wall**

Prepared by: Alberto Urueta

Date: 2/19/2008

Engineer's Estimate

BID ITEM No.	BID ITEM	EST. Qty.	UNITS	UNIT PRICE	COST
1	Sawcut & Demolish Existing Pavement	538	SF	\$7.00	\$3,766.00
2	Remove & dispose of existing island curb & gutter	38	LF	\$8.00	\$304.00
3	Desinstall and cap irrigation system	1	LS	\$450.00	\$450.00
4	Excavation	70	CY	\$15.00	\$1,050.00
5	Hand Trim & Fine Grade	2,742	SF	\$1.00	\$2,742.00
6	6" Subgrade Compacted to 95% Modified Proctor	305	SY	\$14.00	\$4,270.00
7	2' - 8" Concrete Swale	68	LF	\$15.00	\$1,020.00
8	4' - 0" Concrete Swale	158	LF	\$18.00	\$2,844.00
9	2'-3" Concrete Swale	16	LF	\$15.00	\$240.00
10	4'-3" Concrete Swale	12		\$18.00	\$216.00
11	5' - 0" Concrete Rundown	36	LF	\$93.00	\$3,348.00
12	4'-6" Concrete Rundown	35	LF	\$81.00	\$2,835.00
13	6" X 18" Header Curb	92	LF	\$18.00	\$1,656.00
14	6" X 30" Header Curb	57	LF	\$25.00	\$1,425.00
15	Construction of ADA Ramps	2	EA	\$1,350.00	\$2,700.00
16	10" x 24" Stem Wall with 18" x 12" Reinforced Footing	320	LF	\$92.00	\$29,440.00
17	4" Concrete sidewalks	585	SF	\$6.50	\$3,802.50
18	Light Duty pavement with base course included	113	SF	\$7.50	\$847.50
19	4' x 4' x 8" Reinforced Headwall w/grate	2	EA	\$1,850.00	\$3,700.00
20	Compaction of Excavated Material to 95% Modified Proctor	16	CY	\$20.00	\$320.00
21	Supply & Install 3'x5'x1/4" Steel Plate (Slippery Resistance)	3	EA	\$850.00	\$2,550.00
22	Supply & Install 4'x10'x1/4" Steel Plate (Slippery Resistance)	1	EA	\$1,800.00	\$1,800.00
23	6" Diam-4' Height Steel Bollards fill w/concrete	8	EA	\$500.00	\$4,000.00
24	Crosswalk Stripping	1	LS	\$1,350.00	\$1,350.00
25	42" Height- 1 1/2" Diam.Tubing Guard Rail	12	LF	\$75.00	\$900.00
26	2-12" HDPE Pipe, Trenching, bedding, Backfill , Compaction & dispose of spoil material to be included	51	LF	\$183.00	\$9,333.00
27	10' x 10' Wire-Tied Rock ( Rip Rap)	1	EA	\$850.00	\$850.00
28	6' Height Chain Link Fence	690	LF	\$18.50	\$12,765.00
29	Relocate existing chain link gate	1	EA	\$575.00	\$575.00
30	Supply and Install topsoil	125	SF	\$5.00	\$625.00
31	Construction of Ponds	1	LS	\$97,500.00	\$97,500.00
32	Dispose of Excavated Material	85	CY	\$20.00	\$1,700.00
33	Final Cleaning	1	LS	\$1,125.00	\$1,125.00
<b>SUB TOTAL</b>					<b>\$202,049.00</b>

NMGR ( 7.125% ) \$14,395.99

PERMITS, FEES, ADMINISTRATION AND CONTINGENCY ( 15% ) \$30,307.35

<b>TOTAL COST ESTIMATE</b>	<b>\$246,752.34</b>
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**Santa Teresa High School / Concrete Retaining Wall**

Prepared by: Alberto Urueta

Date: 2/12/2008

Engineers Estimate

BID ITEM No.	BID ITEM	EST. Qty.	UNITS	UNIT PRICE	COST
1	Rough Grading/Backfill (Due to Breached)	1,035	CY	\$12.00	\$12,420.00
2	Excavation	944	CY	\$7.20	\$6,796.80
3	12" Subgrade Compacted to 95% Modified Proctor	263	SY	\$9.00	\$2,367.00
4	8" Base Course Compacted to 95% Modified Proctor	263	SY	\$20.00	\$5,260.00
5	6' x 1' Cont Concrete Footing, Rebar included	287	LF	\$145.00	\$41,615.00
6	6' High-1' Thick Concrete Retaining Wall, Rebar included	287	LF	\$226.00	\$64,862.00
7	Backfill & Compaction of Excavated Material for Concrete Wall & Footing	791	CY	\$20.00	\$15,820.00
8	Backfill & Compaction of Slope	569	SY	\$12.00	\$6,828.00
9	Wire-Tied Rock ( Rip Rap)	237	CY	\$90.00	\$21,330.00
10	6' Chain Link Fence	65	LF	\$38.00	\$2,470.00
11	Dispose of Excavated Material	109	CY	\$15.00	\$1,635.00
12	Final Cleaning	1	LS	\$975.00	\$975.00
<b>SUB TOTAL</b>					<b>\$182,378.80</b>

NMGRT (7.125%) \$12,994.49

15 % CONTINGENCY \$27,356.82

<b>TOTAL COST ESTIMATE</b>	<b>\$222,730.11</b>
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