



**US 101/REYES ADOBE ROAD OC INTERCHANGE IMPROVEMENTS  
BID COMPARISON**

ITEM No.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUAN	ENGINEER'S ESTIMATE		LOS ANGELES ENGINEERING		SEMA		C. A. RASMUSSEN, INC.		BRUTO CO		POWELL CONSTRUCTION	
					UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	066105	RESIDENT ENGINEER OFFICE	LS	1	\$75,000.00	\$75,000.00	\$16,000.00	\$ 16,000.00	\$55,000.00	\$55,000.00	\$12,000.00	\$12,000.00	\$50,000.00	\$50,000.00	\$20,000.00	\$20,000.00
2	070012	PROGRESS SCHEDULE (CRITICAL PATH METHOD)	LS	1	\$5,000.00	\$5,000.00	\$2,500.00	\$ 2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
3	074016	CONSTRUCTION SITE MANAGEMENT	LS	1	\$50,000.00	\$50,000.00	\$536,000.00	\$ 536,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$45,000.00	\$45,000.00	\$25,000.00	\$25,000.00
4	074019	PREPARE STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$5,000.00	\$5,000.00	\$6,000.00	\$ 6,000.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
5	074028	TEMPORARY FIBER ROLL	LF	5500	\$5.00	\$27,500.00	\$2.60	\$ 14,300.00	\$2.55	\$14,025.00	\$3.00	\$16,500.00	\$5.00	\$27,500.00	\$2.00	\$11,000.00
6	074029	TEMPORARY SILT FENCE	LF	1100	\$4.00	\$4,400.00	\$2.60	\$ 2,860.00	\$1.55	\$1,705.00	\$3.00	\$3,300.00	\$4.00	\$4,400.00	\$3.00	\$3,300.00
7	074031	TEMPORARY GRAVEL BAGS	LF	1100	\$4.00	\$4,400.00	\$7.00	\$ 7,700.00	\$2.00	\$2,200.00	\$3.00	\$3,300.00	\$8.00	\$8,800.00	\$3.00	\$3,300.00
8	074032	TEMPORARY CONCRETE WASHOUT FACILITY	EA	2	\$5,000.00	\$10,000.00	\$2,000.00	\$ 4,000.00	\$3,800.00	\$7,600.00	\$3,500.00	\$7,000.00	\$5,000.00	\$10,000.00	\$6,000.00	\$12,000.00
9	074033	TEMPORARY CONSTRUCTION ENTRANCE	EA	2	\$5,000.00	\$10,000.00	\$3,000.00	\$ 6,000.00	\$2,600.00	\$5,200.00	\$1,700.00	\$3,400.00	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00
10	074034	TEMPORARY COVER	SY	3500	\$3.00	\$10,500.00	\$1.80	\$ 6,300.00	\$5.00	\$17,500.00	\$3.00	\$10,500.00	\$3.50	\$12,250.00	\$0.10	\$350.00
11	074038	TEMPORARY DRAINAGE INLET PROTECTION	EA	7	\$500.00	\$3,500.00	\$250.00	\$ 1,750.00	\$100.00	\$700.00	\$150.00	\$1,050.00	\$300.00	\$2,100.00	\$300.00	\$2,100.00
12	074040	TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)	SY	9000	\$1.00	\$9,000.00	\$1.00	\$ 9,000.00	\$0.70	\$6,300.00	\$0.70	\$6,300.00	\$0.70	\$6,300.00	\$0.50	\$4,500.00
13	074041	STREET SWEEPING	LS	1	\$10,000.00	\$10,000.00	\$90,000.00	\$ 90,000.00	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$17,000.00	\$17,000.00	\$5,000.00	\$5,000.00
14	120090	CONSTRUCTION AREA SIGNS	LS	1	\$11,000.00	\$11,000.00	\$15,000.00	\$ 15,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$32,000.00	\$32,000.00	\$6,000.00	\$6,000.00
15	120100	TRAFFIC CONTROL SYSTEM	LS	1	\$120,000.00	\$120,000.00	\$200,000.00	\$ 200,000.00	\$100,000.00	\$100,000.00	\$50,000.00	\$50,000.00	\$150,000.00	\$150,000.00	\$130,000.00	\$130,000.00
16	120120	TYPE III BARRICADE	EA	27	\$150.00	\$4,050.00	\$45.00	\$ 1,215.00	\$200.00	\$5,400.00	\$110.00	\$2,970.00	\$50.00	\$1,350.00	\$80.00	\$2,160.00
17	120165	CHANNELIZER (SURFACE MOUNTED)	EA	122	\$40.00	\$4,880.00	\$25.00	\$ 3,050.00	\$35.00	\$4,270.00	\$30.00	\$3,660.00	\$40.00	\$4,880.00	\$30.00	\$3,660.00
18	120182	PORTABLE DELINEATOR	EA	100	\$160.00	\$16,000.00	\$30.00	\$ 3,000.00	\$25.00	\$2,500.00	\$45.00	\$4,500.00	\$18.00	\$1,800.00	\$25.00	\$2,500.00
19	129000	TEMPORARY RAILING (TYPE K)	LF	6128	\$25.00	\$153,200.00	\$21.00	\$ 128,688.00	\$15.00	\$91,920.00	\$10.00	\$61,280.00	\$14.00	\$85,792.00	\$13.00	\$79,664.00
20	129100	TEMPORARY CRASH CUSHION MODULE	EA	18	\$1,000.00	\$18,000.00	\$1,850.00	\$ 33,300.00	\$335.00	\$6,030.00	\$400.00	\$7,200.00	\$300.00	\$5,400.00	\$1,500.00	\$27,000.00
21	150608	REMOVE CHAIN LINK FENCE	LF	406	\$10.00	\$4,060.00	\$3.00	\$ 1,218.00	\$13.00	\$5,278.00	\$20.00	\$8,120.00	\$15.00	\$6,090.00	\$5.00	\$2,030.00
22	150659	REMOVE TERMINAL SECTION	EA	2	\$500.00	\$1,000.00	\$500.00	\$ 1,000.00	\$700.00	\$1,400.00	\$800.00	\$1,600.00	\$700.00	\$1,400.00	\$200.00	\$400.00
23	150662	REMOVE METAL BEAM GUARD RAILING	LF	465	\$20.00	\$9,100.00	\$10.00	\$ 4,550.00	\$12.25	\$5,573.75	\$20.00	\$9,100.00	\$13.00	\$5,915.00	\$8.00	\$3,640.00
24	150713	REMOVE PAVEMENT MARKING	SF	380	\$4.50	\$1,710.00	\$3.00	\$ 1,140.00	\$20.35	\$7,733.00	\$25.00	\$9,500.00	\$21.00	\$7,980.00	\$3.00	\$1,140.00
25	150742	REMOVE ROADSIDE SIGN	EA	22	\$200.00	\$4,400.00	\$70.00	\$ 1,540.00	\$130.00	\$2,860.00	\$230.00	\$5,060.00	\$220.00	\$4,840.00	\$50.00	\$1,100.00
26	150722	REMOVE PAVEMENT MARKER	EA	246	\$2.25	\$553.50	\$1.00	\$ 246.00	\$1.00	\$246.00	\$2.00	\$492.00	\$1.00	\$246.00	\$1.00	\$246.00
27	150767	REMOVE BRIDGE MOUNTED SIGN	EA	1	\$3,000.00	\$3,000.00	\$1,100.00	\$ 1,100.00	\$2,525.00	\$2,525.00	\$5,000.00	\$5,000.00	\$600.00	\$600.00	\$2,000.00	\$2,000.00
28	150771	REMOVE AC DIKE	LF	468	\$7.00	\$3,276.00	\$3.00	\$ 1,404.00	\$6.00	\$2,808.00	\$6.00	\$2,808.00	\$4.00	\$1,872.00	\$1.00	\$468.00
29	150804	REMOVE DRAINAGE FACILITY	LS	1	\$15,000.00	\$15,000.00	\$6,500.00	\$ 6,500.00	\$12,000.00	\$12,000.00	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
30	150806	REMOVE PIPE	LF	56	\$42.50	\$2,380.00	\$25.00	\$ 1,400.00	\$75.00	\$4,200.00	\$60.00	\$3,360.00	\$35.00	\$1,960.00	\$20.00	\$1,120.00
31	150846	REMOVE CONCRETE PAVEMENT	SY	340	\$10.00	\$3,400.00	\$12.00	\$ 4,080.00	\$20.00	\$6,800.00	\$25.00	\$8,500.00	\$20.00	\$6,800.00	\$20.00	\$6,800.00
32	151270(F)B	SALVAGE METAL BRIDGE RAILING	FT	498	\$18.00	\$8,964.00	\$10.00	\$ 4,980.00	\$35.00	\$17,430.00	\$7.00	\$3,486.00	\$14.00	\$6,972.00	\$8.00	\$3,984.00
33	152390	RELOCATE ROADSIDE SIGN	EA	12	\$450.00	\$5,400.00	\$340.00	\$ 4,080.00	\$245.00	\$2,940.00	\$400.00	\$4,800.00	\$220.00	\$2,640.00	\$200.00	\$2,400.00
34	152351	RELOCATE HYDRANT	EA	1	\$5,000.00	\$5,000.00	\$4,000.00	\$ 4,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$6,000.00	\$6,000.00
35	152376	RELOCATE AIR RELEASE VALVE (LVMWD)	EA	1	\$3,000.00	\$3,000.00	\$2,000.00	\$ 2,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$2,500.00	\$2,500.00



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					ENGINEER'S ESTIMATE		LOS ANGELES ENGINEERING		SEMA		C. A. RASMUSSEN, INC.		BRUTOCO		POWELL CONSTRUCTION	
36	152403	ADJUST WATER METER BOX TO GRADE	EA	1	\$350.00	\$350.00	\$275.00	\$ 275.00	\$300.00	\$300.00	\$750.00	\$750.00	\$500.00	\$500.00	\$400.00	\$400.00
37	152404	ADJUST IRRIGATION CONTROL VALVE TO GRADE	EA	2	\$500.00	\$1,000.00	\$1,400.00	\$ 2,800.00	\$775.00	\$1,550.00	\$750.00	\$1,500.00	\$400.00	\$800.00	\$150.00	\$300.00
38	152410	RELOCATE WATER METER	EA	2	\$3,000.00	\$6,000.00	\$4,500.00	\$ 9,000.00	\$2,100.00	\$4,200.00	\$1,500.00	\$3,000.00	\$450.00	\$900.00	\$800.00	\$1,600.00
39	152411	RELOCATE 8" WATER MAIN LEAK DETECTOR	EA	2	\$1,800.00	\$3,600.00	\$2,400.00	\$ 4,800.00	\$1,515.00	\$3,030.00	\$2,500.00	\$5,000.00	\$1,500.00	\$3,000.00	\$900.00	\$1,800.00
40	152475	ADJUST SEWER MANHOLE	EA	2	\$950.00	\$1,900.00	\$575.00	\$ 1,150.00	\$765.00	\$1,530.00	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$400.00	\$800.00
41	153103(S)	COLD PLANE ASPHALT CONCRETE PAVEMENT	SY	9300	\$2.25	\$20,925.00	\$4.00	\$ 37,200.00	\$4.00	\$37,200.00	\$3.00	\$27,900.00	\$5.25	\$48,825.00	\$2.50	\$23,250.00
42	153214	REMOVE CONCRETE CURB	LF	541	\$15.00	\$8,115.00	\$1.50	\$ 811.50	\$4.00	\$2,164.00	\$7.00	\$3,787.00	\$5.00	\$2,705.00	\$5.00	\$2,705.00
43	153215	REMOVE CONCRETE CURB AND GUTTER	LF	1642	\$20.00	\$32,840.00	\$2.00	\$ 3,284.00	\$7.35	\$12,068.70	\$7.00	\$11,494.00	\$3.00	\$4,926.00	\$8.00	\$13,136.00
44	153218	REMOVE CONCRETE SIDEWALK & DRIVEWAY	SY	840	\$20.00	\$16,800.00	\$6.50	\$ 5,460.00	\$6.10	\$5,124.00	\$12.00	\$10,080.00	\$6.00	\$5,040.00	\$10.00	\$8,400.00
45	153221	REMOVE CONC. BARRIER	LF	260	\$50.00	\$13,000.00	\$12.00	\$ 3,120.00	\$27.00	\$7,020.00	\$20.00	\$5,200.00	\$20.00	\$5,200.00	\$30.00	\$7,800.00
46	157560(F)B	BRIDGE REMOVAL (PORTION)	LS	1	\$50,000.00	\$50,000.00	\$45,000.00	\$ 45,000.00	\$50,000.00	\$50,000.00	\$35,000.00	\$35,000.00	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00
47	160101	CLEARING & GRUBBING	LS	1	\$20,000.00	\$20,000.00	\$20,000.00	\$ 20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
48	170101	DEVELOP WATER SUPPLY	LS	1	\$10,000.00	\$10,000.00	\$10,000.00	\$ 10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00
49	190101	ROADWAY EXCAVATION	CY	155	\$12.00	\$1,860.00	\$34.00	\$ 5,270.00	\$175.00	\$27,125.00	\$50.00	\$7,750.00	\$30.00	\$4,650.00	\$50.00	\$7,750.00
50	190107	ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	3382	\$150.00	\$507,300.00	\$17.00	\$ 57,494.00	\$4.00	\$13,528.00	\$12.00	\$40,584.00	\$10.00	\$33,820.00	\$1.00	\$3,382.00
51	190110	LEAD COMPLIANCE PLAN	LS	1	\$5,000.00	\$5,000.00	\$23,000.00	\$ 23,000.00	\$3,000.00	\$3,000.00	\$7,500.00	\$7,500.00	\$11,000.00	\$11,000.00	\$3,000.00	\$3,000.00
52	192003(F)B	STRUCTURE EXCAVATION (BRIDGE)	CY	489	\$100.00	\$48,900.00	\$245.00	\$ 119,805.00	\$300.00	\$146,700.00	\$130.00	\$63,570.00	\$115.00	\$56,235.00	\$40.00	\$19,560.00
53	192057	STRUCTURE EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)	CY	238	\$200.00	\$47,600.00	\$13.00	\$ 3,094.00	\$28.00	\$6,664.00	\$10.00	\$2,380.00	\$50.00	\$11,900.00	\$40.00	\$9,520.00
54	193003(F)B	STRUCTURE BACKFILL (BRIDGE)	CY	446	\$110.00	\$49,060.00	\$90.00	\$ 40,140.00	\$315.00	\$140,490.00	\$55.00	\$24,530.00	\$200.00	\$89,200.00	\$140.00	\$62,440.00
55	194001	DITCH EXCAVATION	CY	327	\$50.00	\$16,350.00	\$9.00	\$ 2,943.00	\$25.00	\$8,175.00	\$15.00	\$4,905.00	\$25.00	\$8,175.00	\$40.00	\$13,080.00
56	198001	IMPORTED BORROW	CY	5119	\$32.00	\$163,808.00	\$35.00	\$ 179,165.00	\$9.00	\$46,071.00	\$15.00	\$76,785.00	\$5.00	\$25,595.00	\$8.00	\$40,952.00
57	200001	HIGHWAY PLANTING	LS	1	\$696,600.00	\$696,600.00	\$235,000.00	\$ 235,000.00	\$140,000.00	\$140,000.00	\$155,000.00	\$155,000.00	\$50,000.00	\$50,000.00	\$160,000.00	\$160,000.00
58	202011	MULCH	LB	1071	\$70.00	\$74,970.00	\$0.35	\$ 374.85	\$2.00	\$2,142.00	\$1.90	\$2,034.90	\$2.00	\$2,142.00	\$2.00	\$2,142.00
59	203016	EROSION CONTROL (TYPE D)	LS	1	\$10,000.00	\$10,000.00	\$6,000.00	\$ 6,000.00	\$2,400.00	\$2,400.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00
60	203043	SEED (TYPE 1) (EROSION CONTROL)	LB	80	\$120.00	\$9,600.00	\$30.00	\$ 2,400.00	\$44.00	\$3,520.00	\$42.00	\$3,360.00	\$45.00	\$3,600.00	\$40.00	\$3,200.00
61	203045	PURE LIVE SEED (EROSION CONTROL)	LB	1080	\$90.00	\$97,200.00	\$4.00	\$ 4,320.00	\$3.75	\$4,050.00	\$3.50	\$3,780.00	\$4.00	\$4,320.00	\$5.00	\$5,400.00
62	203056	COMMERCIAL FERTILIZER (EROSION CONTROL)	LB	676	\$10.20	\$6,895.20	\$0.55	\$ 371.80	\$0.55	\$371.80	\$0.50	\$338.00	\$1.00	\$676.00	\$1.00	\$676.00
63	203061	STABILIZING EMULSION (EROSION CONTROL)	LB	313	\$5.50	\$1,721.50	\$1.00	\$ 313.00	\$1.75	\$547.75	\$1.70	\$532.10	\$2.00	\$626.00	\$2.00	\$626.00
64	204099	PLANT ESTABLISHMENT WORK	LS	1	\$90,000.00	\$90,000.00	\$25,000.00	\$ 25,000.00	\$6,500.00	\$6,500.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
65	208000	IRRIGATION SYSTEM	LS	1	\$214,100.00	\$214,100.00	\$100,000.00	\$ 100,000.00	\$200,000.00	\$200,000.00	\$190,000.00	\$190,000.00	\$175,000.00	\$175,000.00	\$200,000.00	\$200,000.00
66	208306	2" COPPER PIPE FOR WATER MAIN LEAK DETECTOR	LF	35	\$110.00	\$3,850.00	\$50.00	\$ 1,750.00	\$55.00	\$1,925.00	\$50.00	\$1,750.00	\$27.00	\$945.00	\$60.00	\$2,100.00
67	260201	AGGREGATE BASE (CLASS 3)	CY	266	\$55.00	\$14,630.00	\$90.00	\$ 23,940.00	\$115.00	\$30,590.00	\$100.00	\$26,600.00	\$50.00	\$13,300.00	\$120.00	\$31,920.00
68	280001	LEAN CONCRETE BASE RAPID SETTING	CY	50	\$400.00	\$20,000.00	\$165.00	\$ 8,250.00	\$500.00	\$25,000.00	\$480.00	\$24,000.00	\$350.00	\$17,500.00	\$250.00	\$12,500.00
69	390102	ASPHALT CONCRETE (TYPE A)	TON	1430	\$120.00	\$171,600.00	\$89.00	\$ 127,270.00	\$85.00	\$121,550.00	\$100.00	\$143,000.00	\$105.00	\$150,150.00	\$95.00	\$135,850.00
70	390103	ASPHALT CONCRETE (TYPE B)	TON	1979	\$120.00	\$237,480.00	\$85.00	\$ 168,215.00	\$83.00	\$164,257.00	\$100.00	\$197,900.00	\$100.00	\$197,900.00	\$90.00	\$178,110.00
71	390136	MINOR HOT MIX ASPHALT	TON	10	\$150.00	\$1,500.00	\$300.00	\$ 3,000.00	\$510.00	\$5,100.00	\$200.00	\$2,000.00	\$200.00	\$2,000.00	\$100.00	\$1,000.00



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					ENGINEER'S ESTIMATE	LOS ANGELES ENGINEERING		SEMA		C. A. RASMUSSEN, INC.		BRUTO CO		POWELL CONSTRUCTION		
72	394044	PLACE ASPHALT CONCRETE DIKE (TYPE C)	LF	130	\$10.00	\$1,300.00	\$20.00	\$ 2,600.00	\$33.00	\$4,290.00	\$15.00	\$1,950.00	\$3.00	\$390.00	\$10.00	\$1,300.00
73	394049	PLACE ASPHALT CONCRETE DIKE (TYPE F)	LF	50	\$10.00	\$500.00	\$20.00	\$ 1,000.00	\$33.00	\$1,650.00	\$15.00	\$750.00	\$3.00	\$150.00	\$10.00	\$500.00
74	401108	REPLACE CONCRETE PAVEMENT (RAPID STRENGTH CONCRETE)	CY	105	\$900.00	\$94,500.00	\$850.00	\$ 89,250.00	\$625.00	\$65,625.00	\$500.00	\$52,500.00	\$470.00	\$49,350.00	\$450.00	\$47,250.00
75	406001	TIE BAR	EA	30	\$50.00	\$1,500.00	\$24.00	\$ 720.00	\$12.00	\$360.00	\$25.00	\$750.00	\$30.00	\$900.00	\$30.00	\$900.00
76	490736(P)B	FURNISH PILING (CLASS 90)	LF	3806	\$22.00	\$83,732.00	\$100.00	\$ 380,600.00	\$45.00	\$171,270.00	\$46.00	\$175,076.00	\$11.00	\$41,866.00	\$10.00	\$38,060.00
77	490737(S)B	DRIVE PILE (CLASS 90)	EA	128	\$3,000.00	\$384,000.00	\$2,200.00	\$ 281,600.00	\$1,500.00	\$192,000.00	\$1,500.00	\$192,000.00	\$4,000.00	\$512,000.00	\$2,800.00	\$358,400.00
78	490737A	PILE DYNAMIC MONITORING	EA	2	\$5,000.00	\$10,000.00	\$2,250.00	\$ 4,500.00	\$2,500.00	\$5,000.00	\$2,200.00	\$4,400.00	\$2,100.00	\$4,200.00	\$5,000.00	\$10,000.00
79	510051(F)B	STRUCTURAL CONCRETE, BRIDGE FOOTING	CY	210	\$420.00	\$88,200.00	\$325.00	\$ 68,250.00	\$880.00	\$184,800.00	\$600.00	\$126,000.00	\$700.00	\$147,000.00	\$700	\$147,000.00
80	510053(F)B	STRUCTURAL CONCRETE, BRIDGE	CY	1044	\$625.00	\$652,500.00	\$800.00	\$ 835,200.00	\$970.00	\$1,012,680.00	\$600.00	\$626,400.00	\$1,220.00	\$1,273,680.00	\$700.00	\$730,800.00
81	510086(F)B	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	CY	131	\$700.00	\$91,700.00	\$625.00	\$ 81,875.00	\$1,000.00	\$131,000.00	\$600.00	\$78,600.00	\$850.00	\$111,350.00	\$550.00	\$72,050.00
82	510087(F)B	STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	CY	85	\$1,030.00	\$87,550.00	\$625.00	\$ 53,125.00	\$1,100.00	\$93,500.00	\$700.00	\$59,500.00	\$800.00	\$68,000.00	\$600.00	\$51,000.00
83	510502(F)	MINOR CONCRETE (MINOR STRUCTURE)	CY	75	\$1,800.00	\$135,000.00	\$1,750.00	\$ 131,250.00	\$2,000.00	\$150,000.00	\$1,600.00	\$120,000.00	\$1,500.00	\$112,500.00	\$1,050.00	\$78,750.00
84	510800(F)B	PAVING NOTCH EXTENSION	CY	2	\$3,850.00	\$7,700.00	\$24,000.00	\$ 48,000.00	\$7,000.00	\$14,000.00	\$3,000.00	\$6,000.00	\$1,400.00	\$2,800.00	\$4,500.00	\$9,000.00
85	511106 (F-S) B	DRILL AND BOND DOWEL	LF	96	\$21.00	\$2,016.00	\$30.00	\$ 2,880.00	\$26.00	\$2,496.00	\$40.00	\$3,840.00	\$17.00	\$1,632.00	\$20.00	\$1,920.00
86	511118 (F-S) B	CLEAN EXPANSION JOINT	LF	119	\$25.00	\$2,975.00	\$40.00	\$ 4,760.00	\$7.00	\$833.00	\$15.00	\$1,785.00	\$15.00	\$1,785.00	\$7.00	\$833.00
87	512232 (P-S) B	FURNISH PRECAST PRESTRESSED CONCRETE GIRDER (65 FT - 82 FT)	EA	20	\$20,000.00	\$400,000.00	\$12,250.00	\$ 245,000.00	\$10,000.00	\$200,000.00	\$9,000.00	\$180,000.00	\$8,500.00	\$170,000.00	\$9,500.00	\$190,000.00
88	512500 (S) B	ERECT PRECAST PRESTRESSED CONCRETE GIRDER	EA	20	\$3,000.00	\$60,000.00	\$1,500.00	\$ 30,000.00	\$1,600.00	\$32,000.00	\$2,000.00	\$40,000.00	\$1,200.00	\$24,000.00	\$3,000.00	\$60,000.00
89	515020(F)B	REFINISH BRIDGE DECK	SF	166	\$16.25	\$2,697.50	\$30.00	\$ 4,980.00	\$75.00	\$12,450.00	\$25.00	\$4,150.00	\$24.00	\$3,984.00	\$25.00	\$4,150.00
90	518201	MASONRY BLOCK WALL	SF	80	\$30.00	\$2,400.00	\$60.00	\$ 4,800.00	\$210.00	\$16,800.00	\$50.00	\$4,000.00	\$175.00	\$14,000.00	\$40.00	\$3,200.00
91	519081(F)B	JOINT SEAL (TYPE A)	FT	291	\$25.00	\$7,275.00	\$75.00	\$ 21,825.00	\$250.00	\$72,750.00	\$20.00	\$5,820.00	\$24.00	\$6,984.00	\$40.00	\$11,640.00
92	520102 (P-F-S) B	BAR REINFORCING STEEL (BRIDGE)	LB	298345	\$1.20	\$358,014.00	\$0.90	\$ 268,510.50	\$1.00	\$298,345.00	\$1.00	\$298,345.00	\$1.00	\$298,345.00	\$0.80	\$238,676.00
93	560203(F)B	FURNISH SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	LB	2300	\$7.00	\$16,100.00	\$8.00	\$ 18,400.00	\$11.00	\$25,300.00	\$7.00	\$16,100.00	\$2.00	\$4,600.00	\$6.00	\$13,800.00
94	560204(F)B	INSTALL SIGN STRUCTURE (BRIDGE MOUNTED WITH WALKWAY)	LB	2300	\$1.00	\$2,300.00	\$2.50	\$ 5,750.00	\$3.30	\$7,590.00	\$3.50	\$8,050.00	\$3.00	\$6,900.00	\$2.00	\$4,600.00
95	560233	FURNISH FORMED PANEL SIGN (OVERHEAD)	SF	105	\$40.00	\$4,200.00	\$17.00	\$ 1,785.00	\$15.00	\$1,575.00	\$20.00	\$2,100.00	\$16.00	\$1,680.00	\$14.00	\$1,470.00
96	560238	FURNISH SINGLE SHEET ALUMINUM SIGN (0.063" UNFRAMED)	SF	3.5	\$25.00	\$87.50	\$17.00	\$ 59.50	\$85.00	\$297.50	\$10.00	\$35.00	\$16.00	\$56.00	\$10.00	\$35.00
97	560239	FURNISH SINGLE SHEET ALUMINUM SIGN (0.080" UNFRAMED)	SF	152	\$30.00	\$4,560.00	\$17.00	\$ 2,584.00	\$85.00	\$12,920.00	\$12.00	\$1,824.00	\$16.00	\$2,432.00	\$9.00	\$1,368.00
98	568012	ROADSIDE SIGN (TWO POST)	EA	4	\$1,200.00	\$4,800.00	\$700.00	\$ 2,800.00	\$900.00	\$3,600.00	\$850.00	\$3,400.00	\$620.00	\$2,480.00	\$700.00	\$2,800.00
99	568017	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	EA	3	\$200.00	\$600.00	\$275.00	\$ 825.00	\$175.00	\$525.00	\$320.00	\$960.00	\$620.00	\$1,860.00	\$150.00	\$450.00



**US 101/REYES ADOBE ROAD OC INTERCHANGE IMPROVEMENTS  
BID COMPARISON**

ITEM No.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUAN	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
					ENGINEER'S ESTIMATE	LOS ANGELES ENGINEERING		SEMA		C. A. RASMUSSEN, INC.		BRUTO CO		POWELL CONSTRUCTION		
100	620100	18" ALTERNATIVE PIPE CULVERT	LF	566	\$250.00	\$141,500.00	\$97.00	\$ 54,902.00	\$110.00	\$62,260.00	\$140.00	\$79,240.00	\$60.00	\$33,960.00	\$100.00	\$56,600.00
101	620140	24" ALTERNATIVE PIPE CULVERT	LF	48	\$350.00	\$16,800.00	\$106.00	\$ 5,088.00	\$125.00	\$6,000.00	\$170.00	\$8,160.00	\$80.00	\$3,840.00	\$90.00	\$4,320.00
102	680208	SIDEWALK DRAIN (4" PVC)	EA	1	\$1,000.00	\$1,000.00	\$25.00	\$ 25.00	\$4,100.00	\$4,100.00	\$400.00	\$400.00	\$3,100.00	\$3,100.00	\$200.00	\$200.00
103		Deleted														
104	703450 (P-F-S) B	WELDED STEEL PIPE CASING (BRIDGE)	LF	232	\$110.00	\$25,520.00	\$35.00	\$ 8,120.00	\$266.00	\$61,712.00	\$140.00	\$32,480.00	\$95.00	\$22,040.00	\$60.00	\$13,920.00
105	705311	18" ALTERNATIVE FLARED END SECTION (AFES) 84" DIAMETER PRECAST FLOW CONTROL STRUCTURE	EA	2	\$775.00	\$1,550.00	\$125.00	\$ 250.00	\$900.00	\$1,800.00	\$300.00	\$600.00	\$550.00	\$1,100.00	\$200.00	\$400.00
106	707252A	PARKWAY DRAIN (PER APWA STD PLAN 151-1)	EA	1	\$15,000.00	\$15,000.00	\$45,000.00	\$ 45,000.00	\$50,000.00	\$50,000.00	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00
107	719531	MINOR CONCRETE (BACKFILL)	CY	26	\$250.00	\$6,500.00	\$80.00	\$ 2,080.00	\$90.00	\$2,340.00	\$200.00	\$5,200.00	\$340.00	\$8,840.00	\$100.00	\$2,600.00
108	719589	ROCK SLOPE PROTECTION (BACKING NO. 1, METHOD B)	CY	3	\$95.00	\$285.00	\$69.00	\$ 207.00	\$1,000.00	\$3,000.00	\$250.00	\$750.00	\$170.00	\$510.00	\$250.00	\$750.00
109	721010	ROCK SLOPE PROTECTION FABRIC	SY	12	\$5.10	\$61.20	\$5.00	\$ 60.00	\$34.00	\$408.00	\$15.00	\$180.00	\$15.00	\$180.00	\$3.00	\$36.00
110	729010	MINOR CONCRETE (MISC. CONSTRUCTION)	CY	170	\$425.00	\$72,250.00	\$500.00	\$ 85,000.00	\$850.00	\$144,500.00	\$300.00	\$51,000.00	\$330.00	\$56,100.00	\$500.00	\$85,000.00
111	731502	MINOR CONCRETE (STAMPED CONCRETE)	CY	29	\$500.00	\$14,500.00	\$150.00	\$ 4,350.00	\$475.00	\$13,775.00	\$500.00	\$14,500.00	\$715.00	\$20,735.00	\$750.00	\$21,750.00
112	731519	MISC. IRON & STEEL (DRAINAGE ITEM)	LS	1	\$10,000.00	\$10,000.00	\$3,000.00	\$ 3,000.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$1,800.00	\$1,800.00	\$100.00	\$100.00
113	750001	MANHOLE FRAME AND COVER	EA	5	\$500.00	\$2,500.00	\$450.00	\$ 2,250.00	\$325.00	\$1,625.00	\$400.00	\$2,000.00	\$1,500.00	\$7,500.00	\$350.00	\$1,750.00
114	750010	CONTROL STRUCTURE FRAME AND COVER	EA	1	\$1,000.00	\$1,000.00	\$500.00	\$ 500.00	\$1,175.00	\$1,175.00	\$600.00	\$600.00	\$1,600.00	\$1,600.00	\$500.00	\$500.00
115	750012	INLET FRAME AND GRATE	EA	4	\$500.00	\$2,000.00	\$650.00	\$ 2,600.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$1,700.00	\$6,800.00	\$300.00	\$1,200.00
116	750030	CONSTRUCT CL FENCE (TYPE CL-6)	LF	1240	\$50.00	\$62,000.00	\$35.00	\$ 43,400.00	\$27.00	\$33,480.00	\$28.00	\$34,720.00	\$28.00	\$34,720.00	\$30.00	\$37,200.00
117	800391(S)	6' CHAIN LINK GATE (W=16')	EA	2	\$2,000.00	\$4,000.00	\$2,300.00	\$ 4,600.00	\$1,900.00	\$3,800.00	\$2,000.00	\$4,000.00	\$2,100.00	\$4,200.00	\$2,000.00	\$4,000.00
118	802590	SURVEY MONUMENT	LS	1	\$6,000.00	\$6,000.00	\$1,100.00	\$ 1,100.00	\$4,000.00	\$4,000.00	\$6,000.00	\$6,000.00	\$900.00	\$900.00	\$2,000.00	\$2,000.00
119	810110	VEGETATIVE CONTROL (MINOR CONCRETE)	SY	80	\$50.00	\$4,000.00	\$58.00	\$ 4,640.00	\$130.00	\$10,400.00	\$40.00	\$3,200.00	\$53.00	\$4,240.00	\$40.00	\$3,200.00
120	832070	CHAIN LINK RAILING (TYPE-7 MODIFIED)	LF	565	\$66.00	\$37,290.00	\$100.00	\$ 56,500.00	\$125.00	\$70,625.00	\$100.00	\$56,500.00	\$90.00	\$50,850.00	\$90.00	\$50,850.00
121	833033 (P-F-S) B	CONCRETE BARRIER (TYPE 26 MODIFIED)	LF	565	\$250.00	\$141,250.00	\$245.00	\$ 138,425.00	\$125.00	\$70,625.00	\$180.00	\$101,700.00	\$57.00	\$32,205.00	\$180.00	\$101,700.00
122	833142 (P-F-S) B	CABLE RAILING	LF	50	\$50.00	\$2,500.00	\$50.00	\$ 2,500.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$47.00	\$2,350.00	\$15.00	\$750.00
123	839521	CONNECT GUARD RAILING TO STRUCTURE	EA	2	\$5,000.00	\$10,000.00	\$57.00	\$ 114.00	\$50.00	\$100.00	\$50.00	\$100.00	\$52.00	\$104.00	\$250.00	\$500.00
124	839525	TRANSITION RAILING (TYPE WB)	EA	2	\$3,500.00	\$7,000.00	\$2,800.00	\$ 5,600.00	\$2,470.00	\$4,940.00	\$2,500.00	\$5,000.00	\$2,600.00	\$5,200.00	\$3,200.00	\$6,400.00
125	839541	END SECTION	EA	2	\$250.00	\$500.00	\$138.00	\$ 276.00	\$120.00	\$240.00	\$120.00	\$240.00	\$125.00	\$250.00	\$800.00	\$1,600.00
126	839553	TERMINAL SYSTEM (TYPE SRT)	EA	2	\$3,000.00	\$6,000.00	\$3,200.00	\$ 6,400.00	\$2,845.00	\$5,690.00	\$2,800.00	\$5,600.00	\$3,000.00	\$6,000.00	\$2,800.00	\$5,600.00
127	839565	END CAP (TYPE TC)	EA	2	\$400.00	\$800.00	\$250.00	\$ 500.00	\$207.00	\$414.00	\$210.00	\$420.00	\$220.00	\$440.00	\$150.00	\$300.00
128	839578	CONCRETE BARRIER (TYPE 60 MODIFIED)	LF	288	\$200.00	\$57,600.00	\$175.00	\$ 50,400.00	\$205.00	\$59,040.00	\$230.00	\$66,240.00	\$35.00	\$10,080.00	\$350.00	\$100,800.00
129	839701	CONCRETE BARRIER (TYPE 60 E)	LF	320	\$280.00	\$89,600.00	\$175.00	\$ 56,000.00	\$64.00	\$20,480.00	\$180.00	\$57,600.00	\$28.00	\$8,960.00	\$45.00	\$14,400.00
130	839705	4" THERMOPLASTIC TRAFFIC STRIPE	LF	1050	\$3.00	\$3,150.00	\$1.00	\$ 1,050.00	\$2.00	\$2,100.00	\$2.00	\$2,100.00	\$2.10	\$2,205.00	\$1.00	\$1,050.00
131	840504	8" THERMOPLASTIC TRAFFIC STRIPE	LF	635	\$4.50	\$2,857.50	\$1.50	\$ 952.50	\$2.00	\$1,270.00	\$2.00	\$1,270.00	\$2.10	\$1,333.50	\$2.00	\$1,270.00
132	840506	THERMOPLASTIC PAVEMENT MARKING	SF	940	\$4.50	\$4,230.00	\$4.75	\$ 4,465.00	\$5.00	\$4,700.00	\$5.00	\$4,700.00	\$5.20	\$4,888.00	\$3.00	\$2,820.00
133	840515(S)	THERMOPLASTIC CROSSWALK AND PAVEMENT MARKING	LF	1180	\$3.00	\$3,540.00	\$6.50	\$ 7,670.00	\$2.50	\$2,950.00	\$2.50	\$2,950.00	\$2.60	\$3,068.00	\$2.50	\$2,950.00
134	840519															



**US 101/REYES ADOBE ROAD OC INTERCHANGE IMPROVEMENTS  
 BID COMPARISON**

ITEM No.	ITEM CODE	ITEM DESCRIPTION	UNIT	QUAN	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT		
					ENGINEER'S ESTIMATE		LOS ANGELES ENGINEERING		SEMA		C. A. RASMUSSEN, INC.		BRUTO CO		POWELL CONSTRUCTION			
135	840521	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 6-1)	LF	410	\$3.00	\$1,230.00	\$0.30	\$ 123.00	\$2.00	\$820.00	\$2.00	\$820.00	\$2.10	\$861.00	\$1.00	\$410.00		
136	840526	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	LF	650	\$1.50	\$975.00	\$1.40	\$ 910.00	\$2.00	\$1,300.00	\$2.00	\$1,300.00	\$2.10	\$1,365.00	\$1.00	\$650.00		
137	840582	4" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	1180	\$3.00	\$3,540.00	\$1.10	\$ 1,298.00	\$2.00	\$2,360.00	\$2.00	\$2,360.00	\$2.10	\$2,478.00	\$0.50	\$590.00		
138	840584	8" TWO-COMPONENT PAINT TRAFFIC STRIPE	LF	1915	\$1.50	\$2,872.50	\$2.75	\$ 5,266.25	\$2.00	\$3,830.00	\$2.00	\$3,830.00	\$2.10	\$4,021.50	\$0.60	\$1,149.00		
139	840608	4" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 17-7)	LF	1065	\$0.90	\$958.50	\$1.40	\$ 1,491.00	\$2.00	\$2,130.00	\$2.00	\$2,130.00	\$2.10	\$2,236.50	\$0.50	\$532.50		
140	840610	8" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 12-3)	LF	390	\$1.50	\$585.00	\$2.75	\$ 1,072.50	\$2.00	\$780.00	\$2.00	\$780.00	\$2.10	\$819.00	\$0.60	\$234.00		
141	840653	PAINT TRAFFIC STRIPE	LF	100	\$4.50	\$450.00	\$1.10	\$ 110.00	\$2.00	\$200.00	\$2.00	\$200.00	\$2.10	\$210.00	\$0.50	\$50.00		
142	850101(S)	PAVEMENT MARKER (NON-REFLECTIVE)	EA	25	\$1.50	\$37.50	\$5.00	\$ 125.00	\$20.00	\$500.00	\$20.00	\$500.00	\$21.00	\$525.00	\$5.00	\$125.00		
143	850112	PAVEMENT MARKER (REFLECTIVE - SPECIAL TYPE G)	EA	50	\$3.00	\$150.00	\$6.50	\$ 325.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$21.00	\$1,050.00	\$10.00	\$500.00		
144	860297	SIGNAL AND LIGHTING (CITY)	LS	1	\$474,900.00	\$474,900.00	\$255,000.00	\$ 255,000.00	\$230,000.00	\$230,000.00	\$225,000.00	\$225,000.00	\$200,000.00	\$200,000.00	\$220,000.00	\$220,000.00		
145	860460	LIGHTING AND SIGN ILLUMINATION	LS	1	\$65,000.00	\$65,000.00	\$8,000.00	\$ 8,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$25,000.00	\$25,000.00		
146	860797	ELECTRICAL SERVICE ( IRRIGATION )	EA	2	\$2,500.00	\$5,000.00	\$1,000.00	\$ 2,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$4,000.00	\$8,000.00		
147	861008	MODIFY RAMP METERING SYSTEM	LS	1	\$5,000.00	\$5,000.00	\$6,000.00	\$ 6,000.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$5,300.00	\$5,300.00	\$15,000.00	\$15,000.00		
148	869001(F)	MISCELLANEOUS ELECTRICAL	LS	1	\$8,000.00	\$8,000.00	\$1,200.00	\$ 1,200.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,400.00	\$1,500.00	\$1,500.00	\$500.00	\$500.00		
149	999999 (P-F-S) B	ARCHITECTURAL MONUMENT, PEDESTALS	EA	8	\$2,000.00	\$16,000.00	\$2,500.00	\$ 20,000.00	\$2,200.00	\$17,600.00	\$1,000.00	\$8,000.00	\$700.00	\$5,600.00	\$1,500.00	\$12,000.00		
150	999999A (P-F-S) B	ARCHITECTURAL MONUMENT, LIGHTING PEDESTALS	EA	8	\$2,000.00	\$16,000.00	\$9,000.00	\$ 72,000.00	\$2,000.00	\$16,000.00	\$8,000.00	\$64,000.00	\$8,500.00	\$68,000.00	\$3,000.00	\$24,000.00		
151	999999B (F) B	SLOPE PAVING (ROCK BLANKET)	SF	3781	\$10.00	\$37,810.00	\$13.00	\$ 49,153.00	\$25.00	\$94,525.00	\$12.00	\$45,372.00	\$12.00	\$45,372.00	\$15.00	\$56,715.00		
<b>Subtotal (Bid Items)</b>						<b>\$7,196,227.40</b>		<b>\$6,027,244.40</b>		<b>\$5,476,687.50</b>		<b>\$4,414,273.00</b>		<b>\$5,145,477.50</b>		<b>\$4,413,884.50</b>		
151A	999999C (F) B	BRIDGE DECK MODIFICATIONS AT RAILINGS	LS	1	\$30,000.00	\$30,000.00	\$9,000.00	\$ 9,000.00	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$2,500.00	\$2,500.00		
152	999990	MOBILIZATION (5% of Subtotal)	LS	1	\$359,811.37	\$359,811.37	\$235,000.00	\$ 235,000.00	\$289,562.50	\$289,562.50	\$230,000.00	\$230,000.00	\$250,000.00	\$250,000.00	\$220,000	\$220,000.00		
<b>Subtotal (Bid Items+Mobilization)</b>						<b>\$7,586,038.77</b>	<b>ENGINEER'S</b>	<b>\$7,586,038.77</b>	<b>LOS ANGELES</b>	<b>\$6,271,244.40</b>	<b>SEMA</b>	<b>\$5,791,250.00</b>	<b>RASMUSSEN</b>	<b>\$4,649,273.00</b>	<b>BRUTO CO</b>	<b>\$5,398,277.50</b>	<b>POWELL</b>	<b>\$4,636,384.50</b>