

EXHIBIT A
FRESNO COUNTY DEPARTMENT OF PUBLIC WORKS AND PLANNING
PROJECT COST ESTIMATE FOR GRANTLAND AVE AND SHAW AVE TRAFFIC SIGNAL

EXHIBIT A

ITEM NO.	EST QUANT	F/S	UNIT OF MEAS	ITEM	ITEM PRICE	TOTAL PRICE
1	1		LS	LEAD COMPLIANCE PLAN	\$2,000.00	\$2,000
2	4		EA	CONSTRUCTION PROJECT FUNDING SIGN	\$1,000.00	\$4,000
3	1		LS	TRAFFIC CONTROL SYSTEM	\$11,000.00	\$11,000
4	1		LS	JOB SITE MANAGEMENT	\$6,000.00	\$6,000
5	1		LS	PREPARE WATER POLLUTION CONTROL PROGRAM	\$4,500.00	\$4,500
6	2290		LF	REMOVE YELLOW PAINTED TRAFFIC STRIPE(HAZARDOUS WASTE)	\$12.00	\$27,480
7	2540		LF	REMOVE PAINTED TRAFFIC STRIPE	\$4.50	\$11,430
8	300		SF	REMOVE PAINTED PAVEMENT MARKING	\$10.00	\$3,000
9	190		EA	REMOVE PAVEMENT MARKER	\$1.00	\$190
10	3		EA	REMOVE ROADSIDE SIGN	\$50.00	\$150
11	5		EA	REMOVE ROADSIDE SIGN AND POST	\$150.00	\$750
12	1		EA	RELOCATE MAILBOX	\$150.00	\$150
13	83		LF	RELOCATE CHAIN LINK FENCE	\$30.00	\$2,490
14	3		EA	RELOCATE ROADSIDE SIGN	\$200.00	\$600
15	2447		SY	COLD PLANE ASPHALT CONCRETE PAVEMENT	\$10.00	\$24,470
16	1		LS	CLEARING AND GRUBBING	\$20,000.00	\$20,000
17	1410		CY	ROADWAY EXCAVATION	\$35.00	\$49,350
18	1		LS	FINISHING ROADWAY	\$2,000.00	\$2,000
19	569		CY	CLASS 2 AGGREGATE BASE	\$60.00	\$34,140
20	1076		TN	HOT MIX ASPHALT (TYPE A)	\$80.00	\$86,080
21	3.2		TON	TACK COAT	\$500.00	\$1,600
22	2		EA	ROADSIDE SIGN - ONE POST	\$250.00	\$500
23	3		EA	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	\$150.00	\$450
24	4		EA	INSTALL FRAMED SIGN PANEL(STREET NAME SIGN ON SIGNAL POLE)	\$800.00	\$3,200
25	150		LF	THERMOPLASTIC TRAFFIC STRIPE (12" WHITE)	\$5.00	\$750
26	4100		LF	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 27B)	\$1.50	\$6,150
27	2170		LF	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 22)	\$3.00	\$6,510
28	910		LF	THERMOPLASTIC TRAFFIC STRIPE (DETAIL 38)	\$3.00	\$2,730
29	150		SF	THERMOPLASTIC PAVEMENT MARKING (RETROREFLECTIVE) - TYPE IV ARROW	\$6.00	\$900
30	128		SF	THERMOPLASTIC PAVEMENT MARKING (RETROREFLECTIVE) - SIGNAL	\$6.00	\$768
31	124		SF	THERMOPLASTIC PAVEMENT MARKING (RETROREFLECTIVE) - AHEAD	\$6.00	\$744
32	16		SF	PAINT PAVEMENT MARKING (RETROREFLECTIVE) - BIKE LOOP SYMBOL	\$2.00	\$32
33	41		EA	PAVEMENT MARKER (RETROREFLECTIVE) - TYPE G	\$5.00	\$205
34	191		EA	PAVEMENT MARKER (RETROREFLECTIVE) - TYPE D	\$5.00	\$955
35	1		LS	TRAFFIC SIGNALS AND LIGHTING	\$262,000.00	\$262,000
36	24		EA	INDUCTIVE LOOP DETECTOR	\$400.00	\$9,600
37	1		LS	MOBILIZATION	\$10,000.00	\$10,000

	FEDERAL REIMB	LOCAL MATCH	COUNTY %	EST. COUNTY COST	CITY %	EST.CITY COST	90% EST. CITY SHARE
<i>SUBTOTAL CONTRACT CONSTRUCTION</i>				\$596,874			
<i>CONTINGENCY @ 10% OF SUBTOTAL</i>				\$59,687			
TOTAL CONTRACT CONSTRUCTION,CON	\$458,106	\$198,455		\$148,842		\$49,614	\$44,652
PRELIMINARY ENGINEERING,PE @ 25% OF SUBTOTAL	\$107,000	\$57,140		\$42,855		\$14,285	\$12,857
CONSTRUCTION ENGINEERING,CE @ 15% OF SUBTOTAL	\$68,716	\$29,768		\$22,326		\$7,442	\$6,698
TOTAL PROJECT COST	\$633,822	\$285,364	75.00%	\$214,023	25.00%	\$71,341	\$64,207