DETAILED ESTIMATE

CODE	ITEM	UNIT	QUANTITY CONTRACT 1	QUANTITY CONTRACT 2
	UTILITY ADJUSTMENTS			
990-0001 #	WATER SERVICE LINE, 3/4 IN.	LIN.FT.	1300	
990-0013 #	CAST IRON WATER PIPE, 6 IN., CLASS 150, MECH. JOINT	LIN.FT.	18	
990-0015 #	CAST IRON WATER PIPE, 8 IN., CLASS 150, MECH. JOINT	LIN.FT.	720	
990-0040 #	GALVANIZED IRON WATER PIPE, 2 IN.	LIN.FT.	4600	
990-0070 #	RELOCATE EXISTING FIRE HYDRANT	EACH	1	
990-0085 #	RELOCATE EXISTING WATER METER, INCLUDING BOX	EACH	12	
990-0115 #	GATE VALVE, 6"	EACH	1	
990-0135 #	TAPPING VALVE AND SLEEVE, ASSEMBLY, 8 IN.	EACH	2	
990-0150 #	CAST IRON FITTINGS	TON	1	
990-0175 #	CONCRETE BLOCKING	CU.YD.	5	
521-0183	CONCRETE PIPE 18 IN., CLASS 3	LIN.FT.	204	
990-0190 #	ADDITIONAL TRENCH DEPTH, 5 FT. TO 7 FT.	LIN. FT.	540	
990-0191 #	ADDITIONAL TRENCH DEPTH, 7 FT. TO 9 FT.	LIN. FT.	420	
990-0192 #	ADDITIONAL TRENCH DEPTH, 9 FT. TO 11 FT.	LIN. FT.	320	
990-0193 #	ADDITIONAL TRENCH DEPTH, 11 FT. TO 13 FT.	LIN. FT.	200	
990-0215 #	ROCK EXCAVATION IN TRENCHES	CU. YDS.	10	
	SAFETY REST AREAS AND SCENIC OVERLOOKS			
100-1000	CLEARING AND GRUBBING - LUMP SUM	ACRE	6	
104-1030	UNCLASSIFIED EXCAVATION, INCLUDING HAUL	CU.YD.	40000	
104-4020	SELECTED BORROW, INCLUDING MATERIAL	CU.YD.	6500	
106-1000	STRUCTURE EXCAVATION	CU.YD.	600	
106-2100	FOUNDATION BACKFILL MATERIAL, TYPE 1	CU.YD.	500	
120-1204*	SUBGRADE STABILIZER AGGREGATE, TYPE II, INCLUDING MATERIAL AND HAUL	TON	1300	
201-7000	PORTLAND CEMENT	BBL.	1900	
216-1404	GRADED AGGREGATE, CEMENT STABILIZED, BASE AND SHOULDER COURSE, INCL. MATERIAL AND HAUL	TON	8000	
216-2364 #	GRADED AGGREGATE, CEMENT STABILIZED, SUBBASE COURSE, 6 IN. INCL. MATERIAL AND HAUL	SQ. YDS.	10000	
219-1004 #	SHOULDER DRAINAGE COURSE, INCLUDING MATERIAL AND HAUL	TON	360	
312-1000	BITUMINOUS PRIME	GAL.	3500	
350-1500	ASPHALTIC CONCRETE "E"	TON	1250	
350-1600	ASPHALTIC CONCRETE "F"	TON	130	
350-7000	BITUMINOUS MATERIAL	GAL.	21700	
430-1080	PLAIN PORTLAND CEMENT CONCRETE PAVEMENT, 8 IN.	SQ.YD.	9100	
500-3200	CLASS B CONCRETE	CU.YD.	11	
518-2121	PIPE CD, 12 IN., H=1-15	LIN.FT.	60	
518-2241	PIPE CD, 24 IN., H=1-15	LIN.FT.	120	
518-2301	PIPE CD, 30 IN., H=1-15	LIN.FT.	60	
518-3121	PIPE LONG., 12 IN., H=1-15	LIN.FT.	310	
518-3151	PIPE LONG., 15 IN., H=1-15	LIN.FT.	140	
518-3181	PIPE LONG., 18 IN., H=1-15	LIN.FT.	280	
518-4121	PIPE STUB, 12 IN., H=1-15	LIN.FT.	110	
518-4151	PIPE STUB, 15 IN., H=1-15	LIN.FT.	150	
518-4241	PIPE STUB, 24 IN., H=1-15	LIN.FT.	30	
605-0600	PERFORATED PIPE UNDERDRAIN, 6 IN.	LIN.FT.	2100	
608-1000	CONCRETE SPILLWAY	EACH	1	
612-1100	CATCH BASIN, GROUP I	EACH	11	
612-1110	CATCH BASIN, GROUP I, ADDITIONAL DEPTH	LIN.FT.	10	
617-1571	CONCRETE CURB AND GUTTER, 8 IN. × 30 IN., TYPE 1, STD. 9032A	LIN.FT.	1010	
617-1573	CONCRETE CURB AND GUTTER, 8 IN. × 30 IN., TYPE 3, STD. 9032A	LIN.FT.	4000	
	BRIDGES			
105-1100	BRIDGE EXCAVATION	CU. YD.		1402
430-1400	CONCRETE SLOPE PAVING, 4 IN.	SQ. YD.		4035
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 1	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 2	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 3	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 4	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 5	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 6	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 7	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 8	LUMP		LUMP
500-1000	SUPERSTRUCTURE CONCRETE-BRIDGE NO. 9	LUMP		LUMP
500-3102	CLASS "A" CONCRETE	CU. YD.		1165
501-1000	STRUCTURAL STEEL-BRIDGE NO. 1	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 2	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 3	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 4	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 5	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 6	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 7	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 8	LUMP		LUMP
501-1000	STRUCTURAL STEEL-BRIDGE NO. 9	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 1	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 2	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 3	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 4	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 5	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 6	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 7	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 8	LUMP		LUMP
511-1000	SUPERSTRUCTURE REINFORCING STEEL- BRIDGE NO. 9	LUMP		LUMP
511-2000	BAR REINFORCING STEEL	LB.		168,112
545-2629	METAL HANDRAIL; STD. 3626 OR STD. 3629	LIN. FT.		540
545-2730	METAL HANDRAIL, STD. 3627 OR STD. 3630	LIN. FT.		2972
70-1000*	FIELD LABORATORY	EACH		2
71-1000*	FIELD ENGINEERS OFFICE, TYPE 1	EACH		1
72-1000*	FIELD ENGINEERS OFFICE, TYPE 2	EACH		1
600-0101	PILING FURNISHED, STEEL H 10 BP 42	LIN. FT.		6541
600-0343	PILING FURNISHED, CAST IN PLACE CONC. 12 3/4 IN O.D.	LIN. FT.		4961
600-1105	PILING DRIVEN, STEEL H 10 BP 42	LIN. FT.		6374
600-1343	PILING DRIVEN, CAST IN PLACE CONC. 12 3/4 IN. O.D.	LIN. FT.		4862
600-2105	TEST PILE, STEEL H, 10 BP 42	LIN. FT.		1157
600-2343	TEST PILE, CAST IN PLACE CONCRETE, 12 3/4 IN. O.D.	LIN. FT.		811
600-3105	LOADING TEST, STEEL H, 10 BP 42	EACH		6
600-3343	LOADING TEST, CAST IN PLACE CONCRETE 12 3/4 IN. O.D.	EACH		3

FED. ROAD DIV. NO.	STATE	FED. ROAD
3	CA.	72

Rev. 8/18/78
Rev. 11/9/78