Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Fre	41	R27.6/R29.8	61	107

REGISTERED CIVIL ENGINEER 04/07/09 DATE

8-17-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL S. BETTEGA No. C 34348 Exp. 9/30/09 CIVIL STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

RETAINING WALL

LOCATION	STRUCTURAL CONCRETE, RETAINING WALL	STRUCTURE EXCAVATION (RETAINING WALL)	BAR REINFORCING STEEL (RETAINING WALL)	STRUCTURE BACKFILL (RETAINING WALL)	PERVIOUS BACKFILL MATERIAL (RETAINING WALL)
	CY	CY	LB	CY	CY
1	997	9275	121,506	3046	227
4	2123	9275	260,651	6148	589
TOTAL	3120	18,550	382,157	9194	816

ROADWAY QUANTITIES

LOCATION	ROADWAY EXCAVATION	(N) EMBANKMENT	CLASS 2 AGGREGATE BASE	HOT MIX ASPHALT (TYPE A)	TACK COAT	IMPORTED MATERIAL (SHOULDER BACKING)
	CY	CY	CY	TON	TON	TON
1	2,191	-	1373	1453	8.0	25
2	14,024	-	1946	1943	7.1	-
3	450	-	-	580	6.3	-
4	894	33	-	2294	7.4	189
TOTAL	17,559	33	3319	6270	28.8	214

(N) NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

STRUCTURAL CONCRETE

LOCATION		CY
4	115+94.00 - 27.85 Rt "D LINE"	16
	TOTAL	16

CONCRETE BARRIER

LOCATION	Sta TO Sta	CONCRETE BARRIER (TYPE 60D)	CONCRETE BARRIER (TYPE 60)	ALTERNATIVE CRASH CUSHION SYSTEM
		LF	LF	EA
1	12+25.00 TO 12+50.00 "C LINE"	-	25	-
	12+50.00 TO 21+50.00 "C LINE"	874	-	-
2	12+70.31 TO 16+13.39 "A LINE"	-	343	1
4	101+25.00 TO 101+50.00 "R2 LINE"	-	25	-
	101+50.00 TO 118+88.01 "R2 LINE"	1738	-	-
	TOTAL	2612	393	1

CABLE RAILING

LOCATION	Sta TO Sta	CABLE RAILING
		LF
1	12+50.00 TO 21+29.02 "R1 LINE"	879
4	101+50.00 TO 118+88.01 "R2 LINE"	1738
	TOTAL	2617

MINOR CONCRETE (GUTTER)

LOCATION	STA TO STA	MINOR CONCRETE (GUTTER)
		CY
1	12+50.00 TO 21+29.02 "R1 LINE"	23.99
4	101+50.00 TO 118+88.01 "R2 LINE"	49.01
	TOTAL	73.00

BAR REINFORCING STEEL

LOCATION		LB
4	115+94.00 - 27.85 Rt "D LINE"	1100
	TOTAL	1100

COLD PLANE ASPHALT CONCRETE PAVEMENT

LOCATION	Sta TO Sta	SQYD
1	11+32.92 TO 21+29.02 "C LINE"	1539
2	12+05.36 TO 30+90.69 "A LINE"	2687
3	23+00.00 TO 28+19.02 "B LINE"	1101
4	100+57.48 TO 118+97.15 "D LINE"	2962
	TOTAL	8289

HMA DIKE

LOCATION	Sta TO Sta	TYPE C	TYPE E	TYPE F
		LF	LF	LF
1	Sta 11+32.92 TO 11+65.75 "C LINE" (Rt)	37	-	-
1	Sta 11+68.75 TO 12+25.00 "C LINE" (Rt)	-	-	25
1	Sta 21+50.00 TO 22+57.57 "A LINE" (Rt)	-	108	-
2	Sta 11+68.14 TO 30+90.69 "B LINE" (Rt)	-	1923	-
3	Sta 23+03.67 TO 28+19.02 "B LINE" (Rt)	-	516	-
4	Sta 100+56.04 TO 100+68.75 "R2" LINE (Rt)	13	-	-
	Sta 100+68.75 TO 101+25.00 "R2" LINE (Rt)	-	-	57
	TOTAL	50	2547	82

METAL BEAM GUARD RAILING

LOCATION	℄	Sta TO Sta	MBGR LAYOUT	TRANSITION RAILING (TYPE WB)	MBGR (STEEL POST)	END ANCHOR ASSEMBLY (TYPE SFT)	BURIED POST ANCHOR (N)	ALTERNATE FLARED TERMINAL SYSTEM (AFTS)	REMOVE MBGR
			(TYPE)	EA	LF	EA	EA	EA	LF
1	"C LINE"	11+68.75 TO 12+00.00 (Rt)	12C	-	31.25	-	1	-	-
		12+00.00 TO 12+25.00 (Rt)	-	1	-	-	-	-	-
		13+05.50 TO 15+30.50 (Lt)	16B	-	225.00	1	-	1	-
2	"A LINE"	12+70.31 TO 16+13.39 (Lt)	-	-	-	-	-	-	343.00
		16+13.39 TO 18+38.39 (Lt)	12DD	-	225.00	1	-	-	-
		18+00.00 TO 19+25.00 (Rt)	16F	-	125.00	-	2	-	-
3	"B LINE"	25+32.00 TO 26+57.00 (Rt)	11B	-	125.00	1	-	1	-
		25+79.50 TO 26+29.50 (Lt)	11B	-	50.00	1	-	1	-
4	"R2" LINE	100+68.75 TO 101+00.00 (Rt)	12C	-	31.25	-	1	-	
		101+00.00 TO 101+25.00 (Rt)	-	1	-	-	-	-	-
		103+12.50 TO 106+12.50 (Lt)	16B		300.00	1	-	1	-
	TOTAL			2	1112.50	5	-	4	343.00

4 REVISED PER ADDENDUM NO. 4 DATED MARCH 11, 2010

SUMMARY OF QUANTITIES
Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DESIGN
FUNCTIONAL SUPERVISOR: GETACHEW ESHETE
CALCULATED-DESIGNED BY: MIKE BETTEGA
CHECKED BY: TRIET LY
REVISED BY
DATE REVISED

LAST REVISION 04-30-09 | DATE PLOTTED => 11-MAR-2010 | TIME PLOTTED => 10:39