

PAVEMENT STRUCTURE

LOCATION	PAVEMENT STRUCTURE		
	CLASS 2 AGGREGATE BASE (CY)	MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE) (SQFT)	MINOR HOT MIX ASPHALT (TON)
CST No. 1	14	2,231	
CST No. 2	12	1,944	
CST No. 3	13	2,062	
CST No. 4	17	2,735	
CST No. 5	11	1,698	
CST No. 6	9	1,395	3.1
CST No. 7	13	1,980	
CST No. 8	8	1,263	
CST No. 9	4	635	
CST No. 10	3	436	
CST No. 11	11	1,672	
CST No. 12	5	822	
CST No. 13	6	962	
CST No. 14	25	4,090	0.9
CST No. 15	5	880	
CST No. 16	18	2,874	
CST No. 17	9	1,524	
CST No. 18	14	2,187	
CST No. 19	8	1,330	
CST No. 20	45	7,248	
CST No. 21	18	2,986	4.9
CST No. 22	19	3,086	
CST No. 23	12	2,000	
CST No. 24	5	745	
CST No. 25	7	1,054	
CST No. 26	4	615	
CST No. 27	12	1,981	
CST No. 28	15	2,407	
CST No. 29	23	3,712	27.4
CST No. 30	15	2,448	
CST No. 31	8	1,283	3.3
CST No. 32	14	2,225	
CST No. 33	12	1,896	
CST No. 34	23	3,690	
CST No. 35	7	1,165	
CST No. 36	24	3,744	
CST No. 37	22	3,573	6.7
CST No. 38	15	2,416	
MVP No. 1	4		12.8
MVP No. 2	5		14.9
MVP No. 3	15		46
DIKE			7.2
TOTAL	525.0	80,994.0	128.2

EARTHWORK QUANTITIES

LOCATION	EARTHWORK QUANTITIES		
	ROADWAY EXCAVATION (CY)	EMBANKMENT (CY)	ROADWAY EXCAVATION (TYPE Z-2) (AERIALY DEPOSITED LEAD) (CY)
CST No. 1	56.6		
CST No. 2	32.6	0.4	
CST No. 3	47.9	1.0	
CST No. 4	52.7	2.6	
CST No. 5			68.2
CST No. 6		4.6	22.1
CST No. 7			39.4
CST No. 8			33.7
CST No. 9	27.6		
CST No. 10			12.7
CST No. 11			51.6
CST No. 12			22.3
CST No. 13			28.3
CST No. 14	98.0		
CST No. 15	23.8		
CST No. 16	82.1		
CST No. 17			69.2
CST No. 18			71.1
CST No. 19	49.2		
CST No. 20		0.3	119.5
CST No. 21			121.2
CST No. 22	51.3	0.6	
CST No. 23	41.1	2.0	
CST No. 24	8.3	2.1	
CST No. 25	14.2	0.3	
CST No. 26			10.9
CST No. 27	31.2	16.3	
CST No. 28			109.9
CST No. 29	90.1	11.4	
CST No. 30	49.4		
CST No. 31			44.6
CST No. 32	49.6		
CST No. 33	48.6		
CST No. 34	142.7		
CST No. 35	30.4		
CST No. 36	49.1	0.1	
CST No. 37	67.1	9.1	
CST No. 38	38.1	18.4	
MVP No. 1	20.9	7.9	
MVP No. 2	17.0	16.4	
MVP No. 3	72.5	21.0	
TOTAL	1,292.1		824.7

TEMPORARY DRAINAGE INLET PROTECTION

LOCATION	EA
CST No. 3	1
CST No. 6	1
CST No. 7	1
CST No. 8	1
CST No. 11	1
CST No. 14	1
CST No. 16	1
CST No. 18	1
CST No. 20	1
CST No. 22	1
CST No. 22	1
CST No. 30	1
CST No. 34	1
TOTAL	12



1 REPLACED PER ADDENDUM No. 1 DATED MAY 27, 2015

SUMMARY OF QUANTITIES Q-2

(N) NOT A SEPERATE PAY ITEM, FOR INFORMATION ONLY.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	13.2/27.1	27	64

Michael O'Neal 12-1-14
 REGISTERED CIVIL ENGINEER DATE
 12-1-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 MICHAEL A. O'NEAL
 No. 81051
 Exp. 9-30-15
 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.

ADJUST INLET

LOCATION	EA
CST No. 3	1
CST No. 8	1
CST No. 11	1
CST No. 22	1
CST No. 34	1
TOTAL	5

INLET DEPRESSION

LOCATION	EA
CST No. 3	1
CST No. 8	1
CST No. 11	1
CST No. 20	1
CST No. 22	1
CST No. 30	1
CST No. 34	1
TOTAL	7

FENCE

LOCATION	REMOVE CHAIN LINK FENCE	CHAIN LINK FENCE (TYPE CL-6)	4' CHAIN LINK GATE (TYPE CL-6)
	LF	LF	EA
PM 19.3, NB, R+	24	20	1
PM 19.4, NB, R+	24	20	1
PM 19.5, NB, R+	24	20	1
TOTAL	72	60	3

PLACE HMA DIKE (TYPE E)

LOCATION	LF
CST No. 11	117.6
CST No. 18	162.0
CST No. 20	198.6
MVP No. 1	78.1
TOTAL	556.3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	101	13.2/27.1	44	64

12-1-14
 LICENSED LANDSCAPE ARCHITECT
 12-1-14
 PLANS APPROVAL DATE

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.

IRRIGATION QUANTITIES

SHEET No.	RCV		WS	BV	GV	PLASTIC PIPE (SCHEDULE 40) (SUPPLY LINE)		PLASTIC PIPE (CLASS 315) (SUPPLY LINE)
	1 1/2"	2"	2"	2"	3"	2"	2 1/2"	3"
	EA	EA	EA	EA	EA	LF	LF	LF
IP-1		3	1	1		409	212	225
IP-2	2			1	1			180
TOTAL	2	3	1	2	1	409	212	405

IRRIGATION CONDUIT QUANTITIES

1

SHEET No.	EXTEND CONDUIT	(N)	(N)
	WELDED STEEL PIPE	PLASTIC PIPE (CLASS 315) (SUPPLY LINE)	CONTROL AND NEUTRAL CONDUCTOR ELECTRICAL CONDUIT
	10"	3"	2 1/2"
	LF	LF	LF
IP-2	10	12- LF	12- LF
TOTAL	10	12	12

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

ROADSIDE CLEARING

1

SHEET No.	QUANTITY
	SQFT (N)
PP 1 -1	45,607
PP 1 -2	39,860
PP 1 -3	36,800
PP 1 -4	14,485
PP 1 -5	5380
PP 1 -6	12,130
PP 1 -7	199,710
PP 1 -8	183,415
PP 1 -9	113,870
PP 1 -10	33,395
PP 1 -11	146,885
PP 1 -12	173,270

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

WOOD MULCH

1

SHEET No.	(WOODCHIP MULCH)
	CY
PP 1 -1	226
PP 1 -2	368
PP 1 -3	267
PP 1 -4	134
PP 1 -5	50
PP 1 -6	113
PP 1 -7	841
PP 1 -8	963
PP 1 -9	481
PP 1 -10	309
PP 1 -11	1359
PP 1 -12	765
TOTAL	5876

1 REPLACED PER ADDENDUM No. 1 DATED MAY 27, 2015

LANDSCAPE QUANTITIES
LQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE
 Joseph Arnold, License No. 5065, State of California, expires 09/30/15, renewal date 12/03/14
 JOSEPH ARNOLD
 JO JACKSON
 DENNIS REEVES

LAST REVISION: 12/04/14 DATE PLOTTED => 22-MAY-2015 TIME PLOTTED => 1:4:56

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	101	13.2/27.1	64A	64

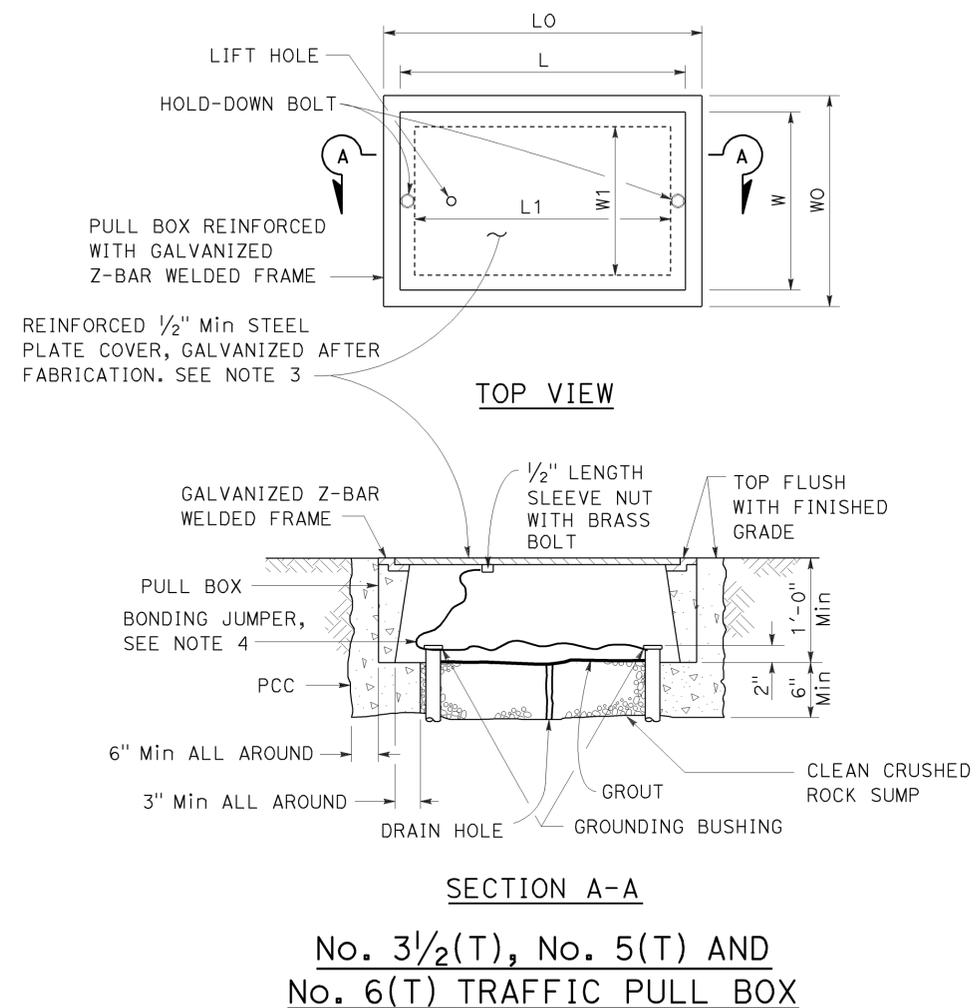
Theresa Gabriel
 REGISTERED ELECTRICAL ENGINEER
 July 19, 2013
 PLANS APPROVAL DATE

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.

REGISTERED PROFESSIONAL ENGINEER
 Theresa Aziz Gabriel
 No. E15129
 Exp. 6-30-14
 ELECTRICAL
 STATE OF CALIFORNIA



TO ACCOMPANY PLANS DATED 12-1-14



NOTES:

- Traffic pull box shall be provided with steel cover and special concrete footing. Steel cover shall have embossed non-skid pattern.
- Steel reinforcing shall be as regularly used in the standard products of the respective manufacturer.
- Pull box covers shall be marked as follows: "SERVICE" Service circuits between service point and service disconnect; "SPRINKLER-CONTROL" Sprinkler control circuits, 50 V or less; "CALTRANS" On all pull boxes, except pull boxes marked "SPRINKLER-CONTROL"; and "TELEPHONE" Telephone service.
 - No. 3 1/2(T) pull box.
 - "SIGNAL" - Traffic signal circuits with or without lighting or sign lighting circuits.
 - "LIGHTING" - Lighting or sign lighting circuits where voltage is under 600 V.
 - No. 5(T) or 6(T) pull box.
 - "TRAFFIC SIGNAL" - Traffic signal circuits with or without lighting or sign lighting circuits.
 - "LIGHTING" - Lighting or sign lighting circuits where voltage is under 600 V.
 - "LIGHTING-HIGH VOLTAGE" - Lighting or sign lighting circuits where voltage is above 600 V.
 - "IRRIGATION" - Circuits to irrigation controller 120 V or more.
 - "RAMP METER" - Ramp meter circuits.
 - "COUNT STATION" - Count or speed monitor circuits.
 - "COMMUNICATION" - Communication circuits.
 - "TOS COMMUNICATIONS" - TOS communications line.
 - "TOS POWER" - TOS power.
 - "TDC POWER" - Telephone demarcation cabinet power.
 - "CCTV" - Closed circuit television circuits.
 - "TMS" - Traffic monitoring station circuits.
 - "CMS" - Changeable message sign circuits.
 - "HAR" - Highway advisory radio circuits.
 - "BOOSTER PUMP" - Booster pump circuit.
- Bonding jumper for metal covers shall be 3' long, minimum.
- The nominal dimensions of the opening in which the cover sets shall be the same as the cover dimensions except the length and width dimensions shall be 1/8" greater.
- Covers and boxes shall be interchangeable with California standard male and female gages. When interchanged with a standard male or female gage, the top surfaces shall be flush within 1/8".

1 ADDED PER ADDENDUM No. 1 DATED MAY 27, 2015

PULL BOX	PULL BOX						COVER				
	MINIMUM * THICKNESS	MINIMUM DEPTH BOX AND EXTENSION	W0	L0	L1	W1	L **	W **	R	EDGE THICKNESS	EDGE TAPER
No. 3 1/2(T)	1 1/2"	1'-0"	1'-5"± 1"	1'-8 3/8"±	1'-2 1/2"±	10 5/8"± 1"	1'-8"±	1'-1 3/4"±	0"	1/2"	NONE
No. 5(T)	1 3/4"	1'-0"	1'-11 1/2"± 1"	2'-5 1/2"±	1'-7"±	1'-1"± 1"	2'-3"±	1'-4"±	0"	1/2"	NONE
No. 6(T)	2"	1'-0"	2'-6"± 1"	2'-11 1/2"±	1'-11 1/2"±	1'-5"± 1"	2'-9"±	1'-8"±	0"	1/2"	NONE

* EXCLUDING CONDUIT WEB ** TOP DIMENSION

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
 (TRAFFIC PULL BOX)**
 NO SCALE

RSP ES-8B DATED JULY 19, 2013 SUPERSEDES RSP ES-8B DATED JANUARY 20, 2012 THAT SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP ES-8B

2010 REVISED STANDARD PLAN RSP ES-8B