Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven,SB	101	R39.8/R43.6, 0.0/2.2	472	757

Jacqueline C Tan 10/28/10
REGISTERED ELECTRICAL ENGINEER DATE

6-20-11
PLANS APPROVAL DATE

JACQUELINE C. TAN No. E015611 Exp. 12/31/11 ELECTRICAL — REGISTERED PROFESSIONAL ENGINEER — 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.

EXISTING 120/240 V SERVICE
SYSTEM No. 52-101-43411
TYPE III - BF MULTIPLE SERVICE.
ADD:
(1) 120 V, 1P, 30 A CB FOR RMS
(1) 120 V, 1P, 20 A CB FOR TDC

Exist Edison Company
Overhead Power Lines
PP No. 100008

MATCH LINE - SEE SHEET E-31

NEW MVP
SEE LAYOUT PLAN FOR DETAILS

ROUTE 101

BATES Rd

SANTA BARBARA
VENTURA COUNTY LINE

Pole No. 182907E

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)												
CONDUCTOR TYPE	FUNCTION	RUN										
		1	2	3	4	5	6	7	8	9	10	11
9 CSC	RAMP SIGNAL						1			1		1
5 CSC	METER ON SIGNAL		1	1								1
#6	SIGNAL SERVICE				2	2	2			2		2
#8 G	SIGNAL COMMON		1	1	1	1	1			1		1
DLC	QUEUE DETECTOR			1						1	1	1
	DEMAND DETECTOR					1	1			1	1	1
	PASSAGE DETECTOR					1	1			1	1	1
	SURVEILLANCE DET.							6	3	6	6	6
	COUNT DETECTOR	1	1	1		1	1			1	1	2
CONDUIT SIZE		3"	3"	3"	3"	3"	2"	3"	3"	3"	2-3"	3"

PROJECT NOTES: (THIS SHEET ONLY)

1. INSTALL 4"C, 3#2, 1#2 (G) 600V(ac) CABLE IN SOIL.
2. 4"C, CONDUIT JACKED BENEATH ROADWAY. INSTALL 3#2, 1#2 (G) 600V(ac) CABLE. SEE SHEET E-35 FOR DETAILS.
3. INSTALL MODEL 334 CONTROLLER CABINET "E", INCLUDING MODEL 2070 CONTROLLER ASSEMBLY, SIERRA WIRELESS RAVEN XT MODEM AND WIRELESS ANTENNA. INSTALL LOOP DETECTOR SENSORS, 12 PAIR TERMINAL BLOCK. SEE SHEET E-36 FOR DETAILS.
4. INSTALL 3"C, MT, TYPE H SERVICE RISER AND CONDUIT ON EXISTING POLE. SEE DETAIL FOR TYPE H SERVICE ON STD. PLAN ES-2A
5. CONDUIT JACKED BENEATH ROADWAY. SEE SHEET E-35 FOR DETAILS.
6. TRENCH AND INSTALL CONDUIT IN SOIL.
7. EXISTING 1½"C, ADD 2#6, 2#8, 1#8 (G).

PROJECT NOTES: (Cont.)

8. INSTALL TYPE-111-DF, 480V, 1 PHASE, 3W, METERED SERVICE EQUIPMENT ENCLOSURE ON NEW FOUNDATION WITH I-480V, 100A, 2P BREAKER, GANG OPERATED. SEE SHEET E-38B FOR DETAILS.
9. INSTALL 3"C, MT (CONDUCTORS TO BE INSTALLED BY SCE).
10. TRENCH AND INSTALL CONDUIT IN PAVEMENT.

1 NEW DESIGN TO MEET THE REQUIRED COMMUNICATION FROM FIELD ELEMENTS TO LARTMC, Mar 12, 2013

FOR ACCURATE RIGHT OF WAY, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY. FOR LEGENDS AND GENERAL NOTES SEE SHEET E-28.

RAMP METERING SYSTEM
CLOSED CIRCUIT TELEVISION CAMERA (LOCATION VE398)

SCALE: 1" = 50'

E-32

REVISED BY	DATE REVISED
BT	06/11

CALCULATED-DESIGNED BY: BOB TIEU
CHECKED BY: JACQUELINE C. TAN
FUNCTIONAL SUPERVISOR: JACQUELINE C. TAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® OFFICE OF ITS

LAST REVISION 06-15-11 | DATE PLOTTED => 11-FEB-2016 | TIME PLOTTED => 09:57

BORDER LAST REVISED 7/2/2010 | USERNAME => s111134 | DGN FILE => ua032_Revised_2.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1885 | PROJECT NUMBER & PHASE 07000004901