

# **INFORMATION HANDOUT**

**For Contract No. 07-2W8404  
At 07-LA-57,101-Var**

**Identified by  
Project ID 0714000162**

## **MATERIALS INFORMATION**

Communication System Routing As-Builts

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**ITS DESIGN**  
 PROJECT ENGINEER: DAVID PADILLA  
 CALCULATED/DESIGNED BY: DAVID PADILLA  
 CHECKED BY: DAVID PADILLA  
 REVISIONS: 6-05, 6-05



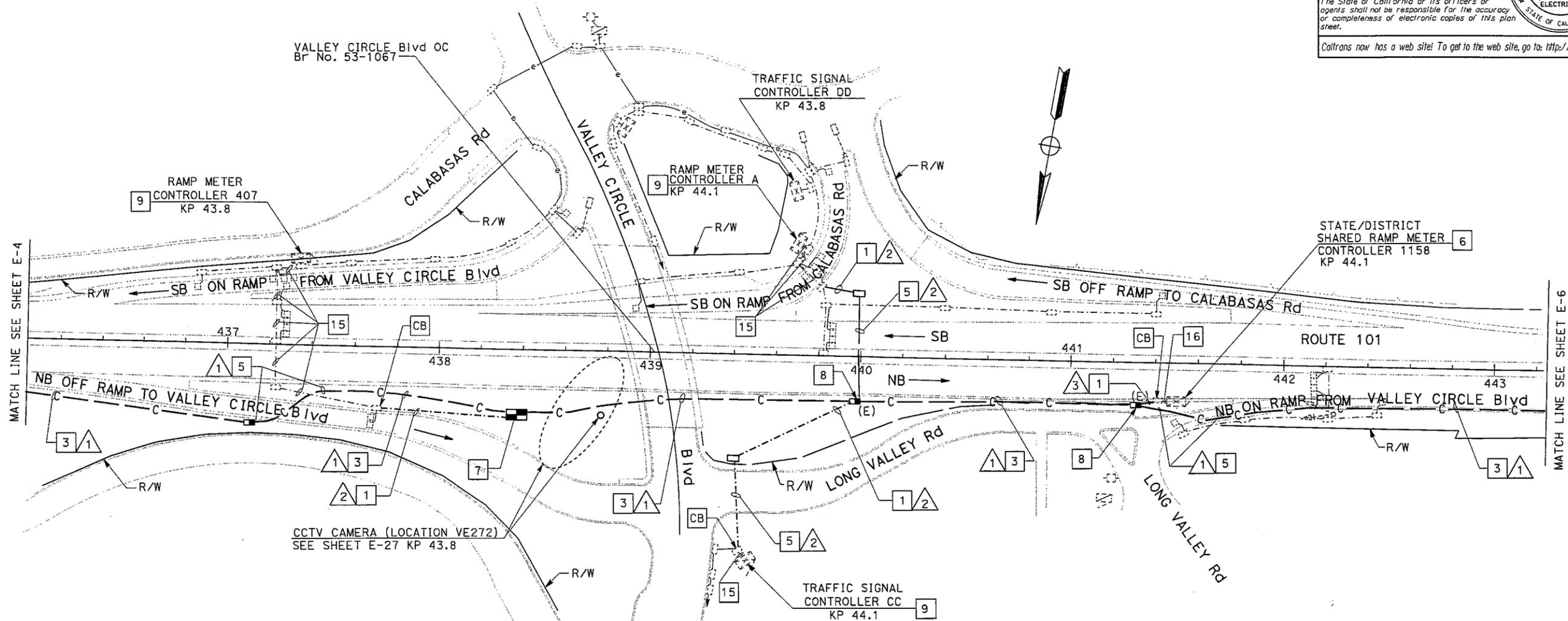
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA, Ven	23,101	Var	58	160

REGISTERED ELECTRICAL ENGINEER  
 DAVID PADILLA  
 No. E16233  
 Exp. 12-31-06  
 STATE OF CALIFORNIA

6-27-05  
 PLANS APPROVAL DATE

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CONDUCTOR SCHEDULE		RUN			
CONDUCTOR TYPE	FUNCTION	1	2	3	
12SMFO CABLE	VOICE/DATA			1	2
48SMFO CABLE	MULTIPLEXED DATA/VIDEO	1			
48SMFO CABLE	VOICE/DATA		1		
48SMFO CABLE	VIDEO DISTRIBUTION		1		
	SIZE 25 INNERDUCT	1	1	1	1
CONDUIT SIZE		103	103	53	53

**NOTES: (THIS SHEET ONLY)**

- 1 INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
- 3 INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-47 FOR DETAILS.
- 5 JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-14 FOR DETAILS.
- 6 INSTALL 2-C-MIC, AND 2 FOAM IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 7 INSTALL FIBER OPTIC SPLICE CLOSURES IN SPLICE VAULT. SEE SHEET E-49 FOR DETAILS.
- 8 INSTALL FIBER OPTIC SPLICE CLOSURE. SEE SHEETS E-48 AND E-50 FOR DETAILS.
- 9 INSTALL C-MIC AND FOAM IN CONTROLLER CABINET.
- 15 INSTALL 12SMFO CABLE IN EXISTING CONDUIT AND CONNECT TO CONTROLLER CABINET.
- 16 INSTALL 2-12SMFO CABLES IN EXISTING CONDUIT.
- 17. EXISTING ELEMENTS ARE SHOWN FOR REFERENCE ONLY.

**RTE 101**

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

**COMMUNICATION SYSTEM ROUTING**

SCALE 1:1000

**ASSOC w/ EA 07-2W8404/1 of 8 E-5**

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

USERNAME => trlenard  
 DCN FILE => 712088u005.dgn

CU 07388

EA 120881

DATE PLOTTED => 29-JUN-2005  
 TIME PLOTTED => 08:37

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 ITS DESIGN  
 PROJECT ENGINEER: DAVID PADILLA  
 CALCULATED/DESIGNED BY: DAVID PADILLA  
 CHECKED BY: DAVID PADILLA  
 REVISIONS:  
 DATE: 6-05  
 REVISIONS:  
 DATE: 6-05

CONDUCTOR SCHEDULE		RUN							
CONDUCTOR TYPE	FUNCTION	1	2	3	4	5	6	7	8
12SMFO CABLE	VOICE/DATA								
48SMFO CABLE	MULTIPLEXED DATA/VIDEO	1							
48SMFO CABLE	VOICE/DATA								
48SMFO CABLE	VIDEO DISTRIBUTION		1						1
DLC CABLE						1			
	SIZE 25 INNERDUCT	1	1	1	1			1	1
CONDUIT SIZE		103	103	53	53			103	103

**NOTES: (THIS SHEET ONLY)**

- 1 INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
- 3 INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-47 FOR DETAILS.
- 5 JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-14 FOR DETAILS.
- 6 INSTALL 2-C-MIC, 2-FOAM IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 7 INSTALL FIBER OPTIC SPLICE CLOSURES IN SPLICE VAULT. SEE SHEETS E-49 FOR DETAILS.
- 8 INSTALL FIBER OPTIC SPLICE CLOSURE. SEE SHEETS E-48 AND E-50 FOR DETAILS.
- 14 INSTALL 53C, 1DLC.
- 15 INSTALL 2-12SMFO CABLE IN EXISTING CONDUIT AND CONNECT TO EXISTING CONTROLLER CABINET.
- 16 INSTALL 1DLC CABLE IN EXISTING CONDUIT AND CONNECT TO EXISTING CONTROLLER CABINET.
- 23 INSTALL TYPE E LOOP DETECTORS. SEE SHEET E-52 FOR LOOP DETECTOR INSTALLATION DETAILS.
- 24 INSTALL C-MIC, 1-FOAM AND STATE-FURNISHED LOOP DETECTOR SENSOR IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 25 ADD 1DLC IN NEW CONDUIT.
- 26 INSTALL 12SMFO IN EXISTING CONDUIT AND CONNECT TO EXISTING CONTROLLER CABINET.



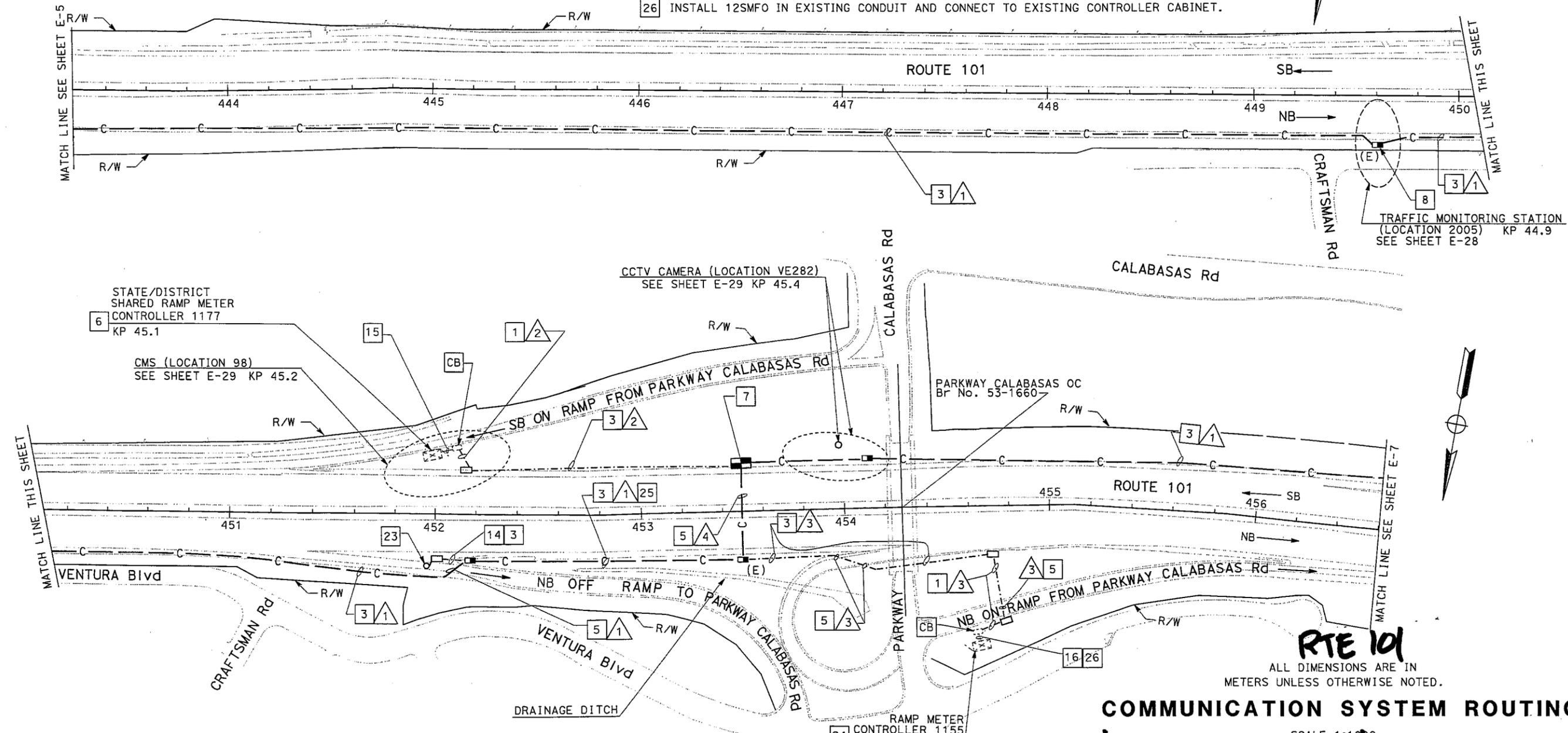
DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
07	LA, Ven	23,101	Var	59	160

REGISTERED ELECTRICAL ENGINEER  
 DAVID PADILLA  
 No. E16233  
 Exp. 12-31-06  
 ELECTRICAL  
 STATE OF CALIFORNIA

6-27-05  
 PLANS APPROVAL DATE

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USERNAME => trlenard  
 DGN FILE => 712068.dgn

**COMMUNICATION SYSTEM ROUTING**

ASSOC. W/EA 07-2W8404 / 2 of 8 E-6

SCALE 1:1000

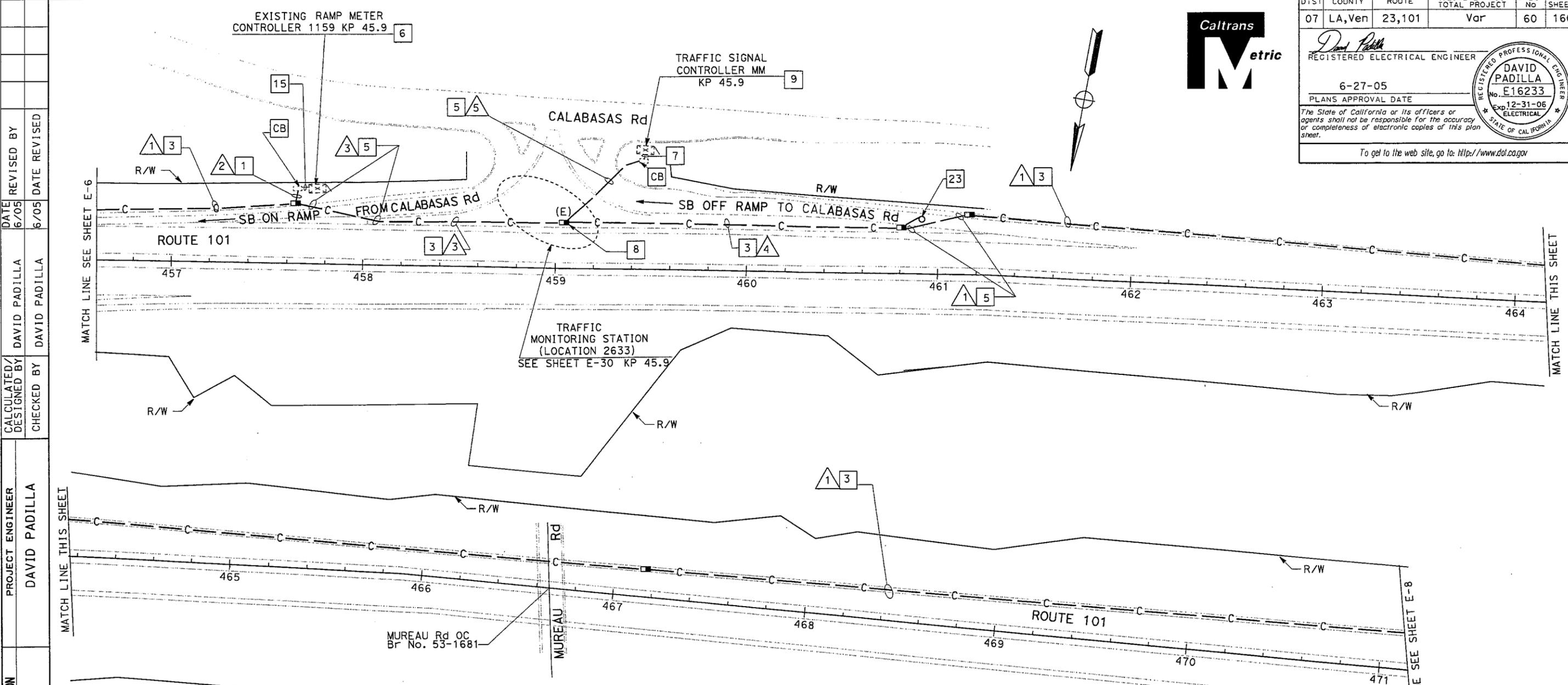
CU 07388 EA 120881

DATE PLOTTED => 29-JUN-2005  
 TIME PLOTTED => 08:37

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA, Ven	23,101	Var	60	160

David Padilla  
 REGISTERED ELECTRICAL ENGINEER  
 6-27-05  
 PLANS APPROVAL DATE  
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REGISTERED PROFESSIONAL ENGINEER  
**DAVID PADILLA**  
 No. E16233  
 Exp. 12-31-06  
 ELECTRICAL  
 STATE OF CALIFORNIA



**NOTES:(THIS SHEET ONLY)**

- 1 INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
- 3 INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-47 FOR DETAILS.
- 5 JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-14 FOR DETAILS.
- 6 INSTALL C-MIC, FOAM, AND STATE-FURNISHED LOOP DETECTOR SENSOR IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 7 INSTALL 12SMFO IN EXISTING CONDUIT.
- 8 INSTALL FIBER OPTIC SPLICE CLOSURE. SEE SHEETS E-48 AND E-50 FOR DETAILS.
- 9 INSTALL C-MIC, AND FOAM, IN EXISTING CONTROLLER CABINET. SEE SHEET E-51 FOR DETAILS.
- 15 INSTALL 1-12SMFO AND 1 DLC CABLES IN EXISTING CONDUIT AND CONNECT TO EXISTING CONTROLLER CABINET.
- 23 INSTALL TYPE E LOOP DETECTORS. SEE SHEET E-52 FOR LOOP DETECTOR INSTALLATION DETAILS.

CONDUCTOR TYPE	FUNCTION	RUN							
		1	2	3	4	5			
12SMFO CABLE	VOICE/DATA		1	1					1
48SMFO CABLE	VOICE/DATA	1		1			1		
48SMFO CABLE	MULTIPLEXED DATA/VIDEO		1		1		1		
48SMFO CABLE	VIDEO DISTRIBUTION		1		1		1		
DLC CABLE			1		1			1	
	SIZE 25 INNERDUCT	1	1	1	1	1	1	1	1
CONDUIT SIZE		103	103	53	103	103	103	103	53

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**ITS DESIGN**  
 PROJECT ENGINEER: DAVID PADILLA  
 CHECKED BY: DAVID PADILLA  
 CALCULATED/DESIGNED BY: DAVID PADILLA  
 DATE REVISION: 6/05  
 DATE REVISOR: 6/05

RTE 101

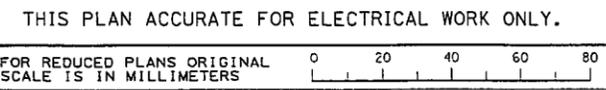
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

COMMUNICATION SYSTEM ROUTING

E-7

ASSOC W/ EA 07-2WB404 / 3 of 8

SCALE 1:1000



LAST REVISION: 00-00-00  
 DATE PLOTTED => 29-JUN-2005  
 TIME PLOTTED => 10:57

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**ITS DESIGN**  
 PROJECT ENGINEER: DAVID PADILLA  
 CHECKED BY: DAVID PADILLA  
 CALCULATED/DESIGNED BY: DAVID PADILLA  
 REVISIONS:  
 DATE: 6/05  
 REVISIONS BY: DAVID PADILLA  
 DATE: 6/05

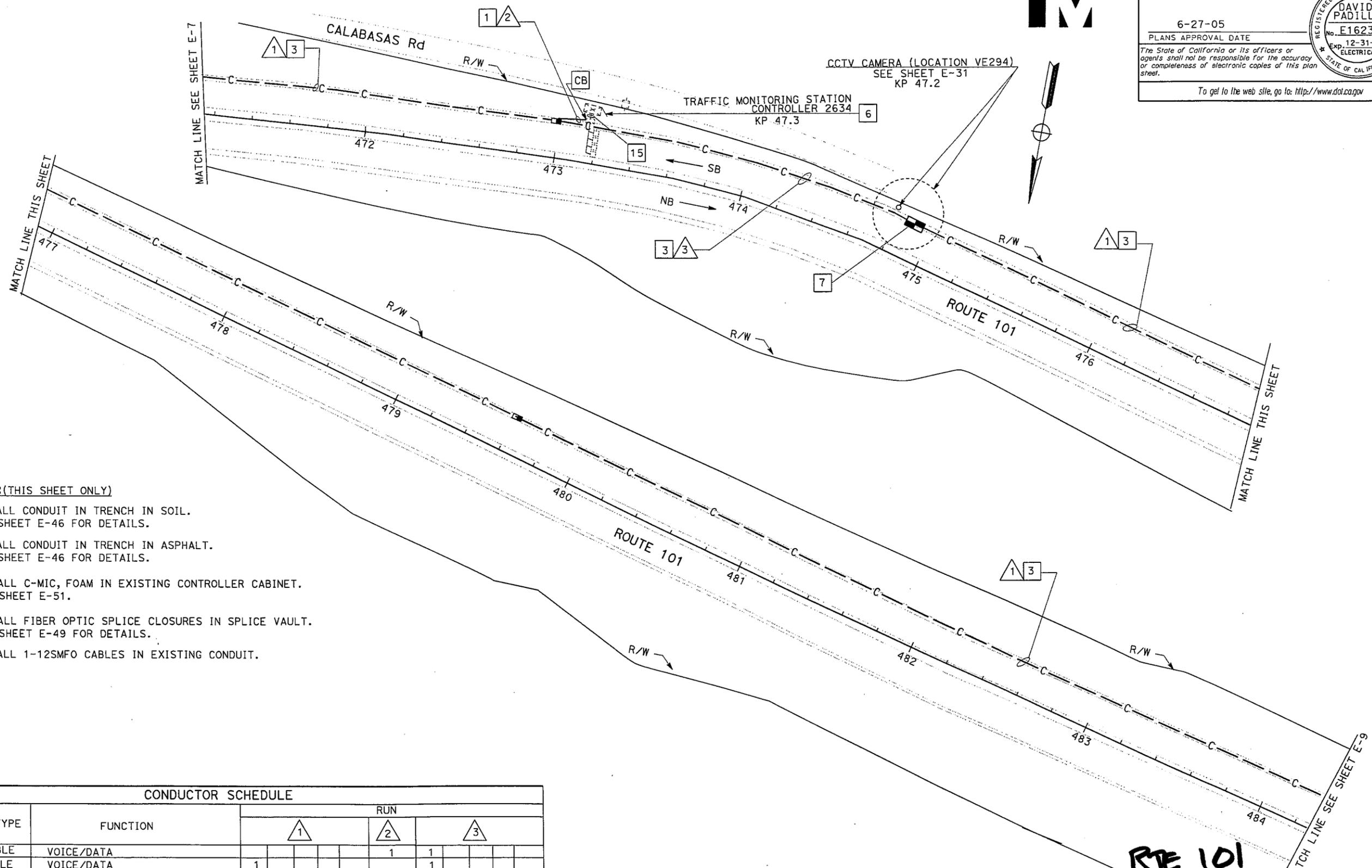


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA, Ven	23,101	Var	61	160

REGISTERED ELECTRICAL ENGINEER  
 DAVID PADILLA  
 No. E16233  
 Exp. 12-31-06  
 ELECTRICAL  
 STATE OF CALIFORNIA

PLANS APPROVAL DATE: 6-27-05

To get to the web site, go to: <http://www.dot.ca.gov>



**NOTES:(THIS SHEET ONLY)**

- 1 INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
- 3 INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-46 FOR DETAILS.
- 6 INSTALL C-MIC, FOAM IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 7 INSTALL FIBER OPTIC SPLICE CLOSURES IN SPLICE VAULT. SEE SHEET E-49 FOR DETAILS.
- 15 INSTALL 1-12SMFO CABLES IN EXISTING CONDUIT.

CONDUCTOR SCHEDULE		RUN																			
CONDUCTOR TYPE	FUNCTION	CONDUIT SIZE																			
		1	2	3	4	5	6	7	8	9	10										
12SMFO CABLE	VOICE/DATA																				
48SMFO CABLE	VOICE/DATA	1																			
48SMFO CABLE	MULTIPLEXED DATA/VIDEO		1																		
48SMFO CABLE	VIDEO DISTRIBUTION			1																	
	SIZE 25 INNERDUCT	1	1	1	1																
CONDUIT SIZE		103	103	53																	

**RTE 101**  
 ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.  
**COMMUNICATION SYSTEM ROUTING**

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 DGN FILE => 712088ua008.dgn

CU 07388 EA 120881

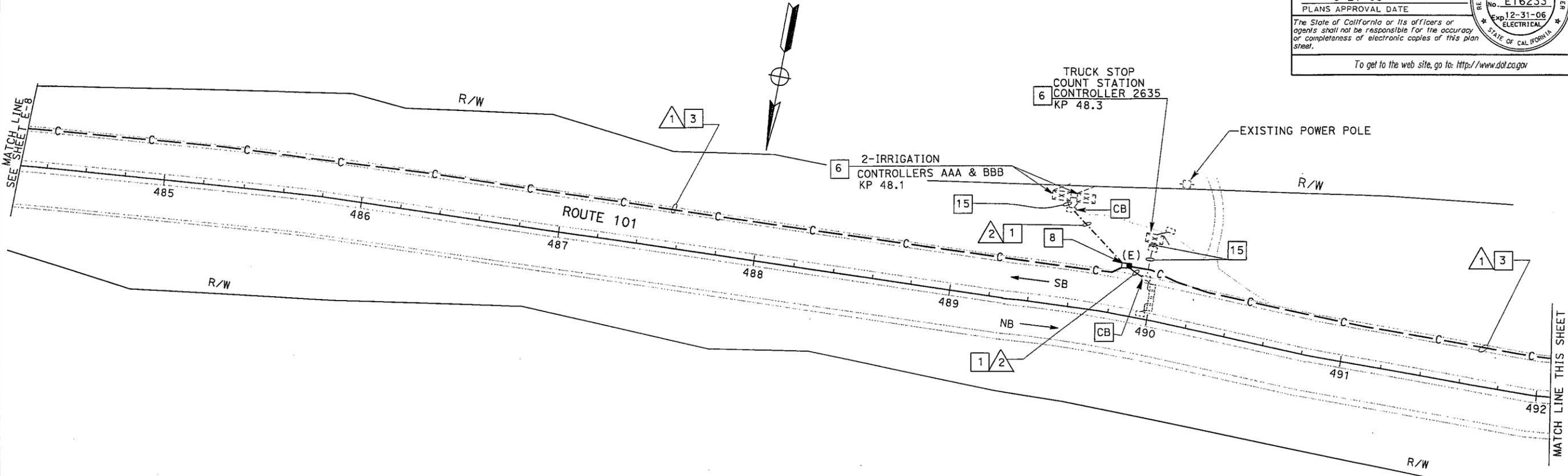
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 TIME PLOTTED => 10:58  
 LAST REVISION 00-00-00

DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST PROJECT	SHEET No	TOTAL SHEETS
07	LA, Ven	23,101	Var		62	160

David Padilla  
 REGISTERED ELECTRICAL ENGINEER  
 6-27-05  
 PLANS APPROVAL DATE  
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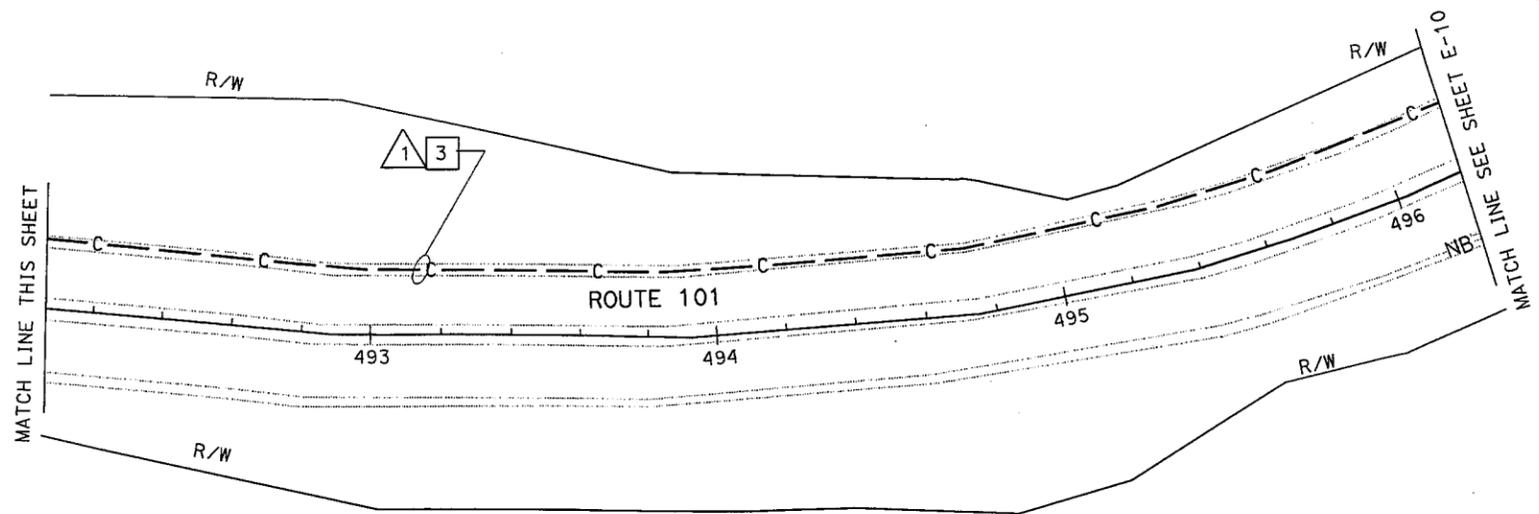


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**ITS DESIGN**  
 PROJECT ENGINEER: DAVID PADILLA  
 CALCULATED/DESIGNED BY: DAVID PADILLA  
 CHECKED BY: DAVID PADILLA  
 DATE REVISION: 6/05  
 DATE REVISION: 6/05



**NOTES: (THIS SHEET ONLY)**

- 1 INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
- 3 INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-47 FOR DETAILS.
- 6 INSTALL AND CONNECT C-MIC AND FOAM IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 8 INSTALL FIBER OPTIC SPLICE CLOSURE. SEE SHEETS E-48 AND E-50 FOR DETAILS.
- 15 INSTALL 12SMFO CABLE IN EXISTING CONDUIT AND CONNECT TO EXISTING CONTROLLER CABINET.

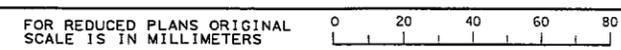


CONDUCTOR SCHEDULE		RUN			
CONDUCTOR TYPE	FUNCTION	1		2	
		12SMFO CABLE	VOICE/DATA		
48SMFO CABLE	VOICE/DATA	1			
48SMFO CABLE	MULTIPLXED DATA/VIDEO		1		
48SMFO CABLE	VIDEO DISTRIBUTION			1	
	SIZE 25 INNERDUCT	1	1	1	1
CONDUIT SIZE		103	103	103	53

**RTE 101**  
 ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED  
**COMMUNICATION SYSTEM ROUTING**

ASSOC. W/ EA 07-2W8404 / 5 of 8  
 SCALE 1:100  
 E-9

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.



USERNAME => trmnguye  
 DGN FILE => 712088ua009.dgn

CU 07388

EA 120881

LAST REVISION DATE PLOTTED => 29-JUN-2005  
 100-00-001 TIME PLOTTED => 11:45:00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 PROJECT ENGINEER: DAVID PADILLA  
 ITS DESIGN

REVISOR: DAVID PADILLA  
 DATE: 6/05  
 CHECKED BY: DAVID PADILLA  
 DATE: 6/05

**NOTES: (THIS SHEET ONLY)**

- 1 INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
- 3 INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-47 FOR DETAILS.
- 5 JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-14 FOR DETAILS.
- 6 INSTALL C-MIC AND FOAM IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 7 INCLUDED IN SHEET E-32.
- 8 INSTALL FIBER OPTIC SPLICE CLOSURE. SEE SHEETS E-48 AND E-50 FOR DETAILS.
- 9 INSTALL FIBER OPTIC SPLICE CLOSURES IN SPLICE VAULT. SEE SHEET E-49 FOR DETAILS.
- 11 INSTALL 2-12SMFO.
- 13 ADD 2-12SMFO IN EXISTING CONDUIT.
- 14 INSTALL 53C, 1 DLC.
- 15 INSTALL 12SMFO AND 1 DLC CABLES IN EXISTING CONDUIT. INSTALL STATE-FURNISHED LOOP DETECTOR SENSOR. SEE SHEET E-51.
- 16 INSTALL 53C, 12SMFO, 1 DLC CABLE.
- 17 INSTALL METER ON POLE TP-1 SEE ES-4B.
- 18 SEE E-52.
- 19 REPLACE PULL BOX.
- 20 INSTALL 12SMFO IN NEW CONDUIT. SEE SHEET E-32.
- 21 INSTALL 53C IN ASPHALT. INSTALL 12SMFO.
- 22 ADD 12SMFO TO EXISTING CONDUIT AND CONNECT TO EXISTING CONTROLLER CABINET.
- 23 INSTALL 6#14, 1#10.
- 24 INSTALL 3#10.
- 25 INSTALL TYPE E INDUCTIVE LOOP DETECTORS. SEE SHEET E-52 FOR LOOP DETECTOR INSTALLATION DETAILS.

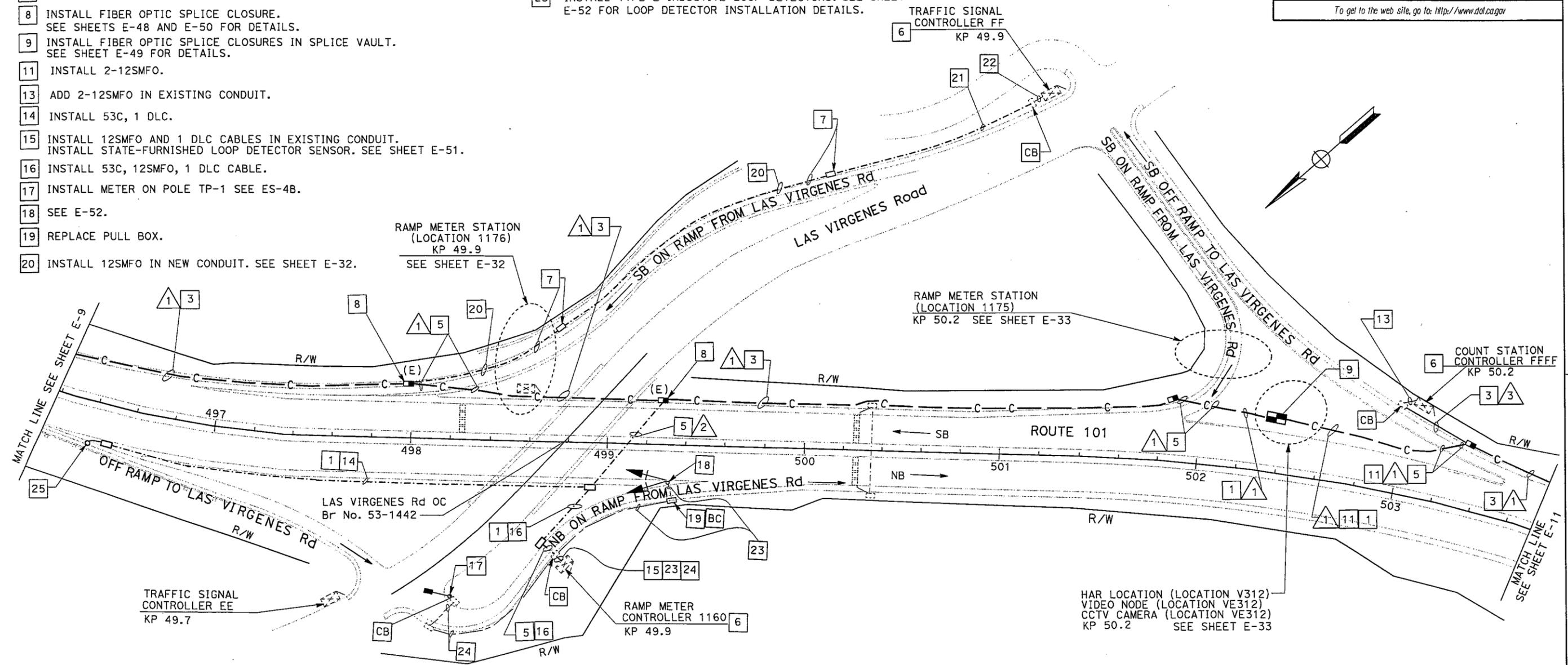


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA, Ven	23,101	Var	63	160

REGISTERED ELECTRICAL ENGINEER  
 DAVID PADILLA  
 No. E16233  
 Exp. 12-31-06  
 ELECTRICAL  
 STATE OF CALIFORNIA

PLANS APPROVAL DATE: 6-27-05

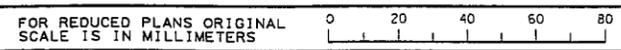
To get to the web site, go to: <http://www.dot.ca.gov>



CONDUCTOR SCHEDULE		RUN			
CONDUCTOR TYPE	FUNCTION	1	2	3	
12SMFO CABLE	VOICE/DATA		1	2	
48SMFO CABLE	VOICE/DATA	1			
48SMFO CABLE	MULTIPLEXED DATA/VIDEO	1			
48SMFO CABLE	VIDEO DISTRIBUTION		1		
48SMFO CABLE	SIZE 25 INNERDUCT	1	1	1	1
CONDUIT SIZE		103	103	53	53

**RTE 101**  
 ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED  
**COMMUNICATION SYSTEM ROUTING**

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.



ASSOC. W/EA 07-2W8404 / 698 E-10  
 SCALE: 1:1000  
 USERNAME => trlenard  
 DGN FILE => 712088u010.dgn  
 CU 07388 EA 120881

DATE PLOTTED => 07-JUL-2005  
 TIME PLOTTED => 07:07  
 LAST REVISION: 00-00-00



DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA, Ven	23,101	Var	65	160

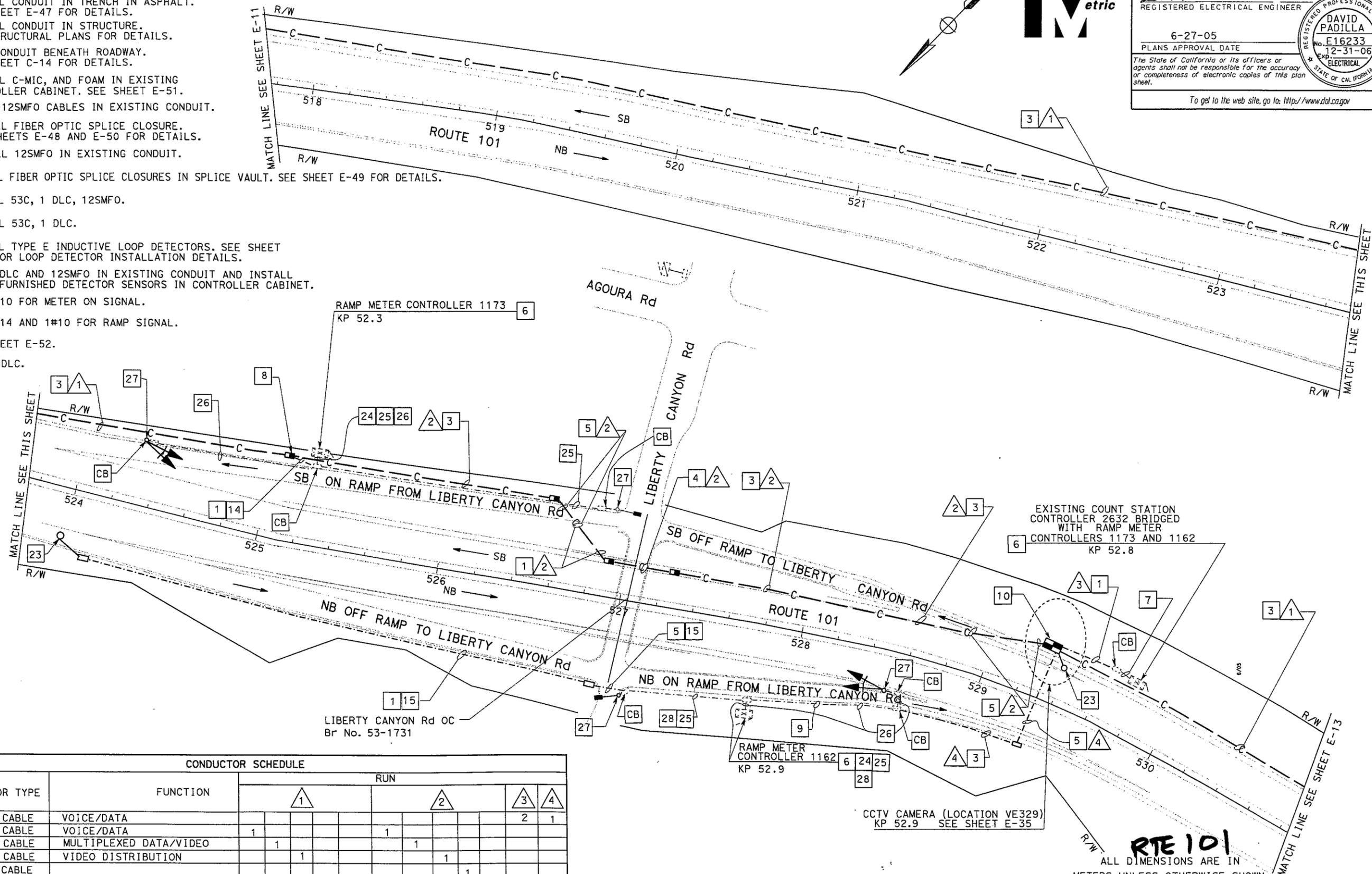
David Padilla  
 REGISTERED ELECTRICAL ENGINEER  
 6-27-05  
 PLANS APPROVAL DATE  
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**NOTES: (THIS SHEET ONLY)**

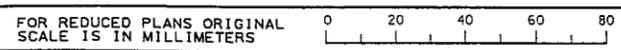
- 1 INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
- 3 INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-47 FOR DETAILS.
- 4 INSTALL CONDUIT IN STRUCTURE. SEE STRUCTURAL PLANS FOR DETAILS.
- 5 JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-14 FOR DETAILS.
- 6 INSTALL C-MIC, AND FOAM IN EXISTING CONTROLLER CABINET. SEE SHEET E-51.
- 7 ADD 2-12SMFO CABLES IN EXISTING CONDUIT.
- 8 INSTALL FIBER OPTIC SPLICE CLOSURE. SEE SHEETS E-48 AND E-50 FOR DETAILS.
- 9 INSTALL 12SMFO IN EXISTING CONDUIT.
- 10 INSTALL FIBER OPTIC SPLICE CLOSURES IN SPLICE VAULT. SEE SHEET E-49 FOR DETAILS.
- 14 INSTALL 53C, 1 DLC, 12SMFO.
- 15 INSTALL 53C, 1 DLC.
- 23 INSTALL TYPE E INDUCTIVE LOOP DETECTORS. SEE SHEET E-52 FOR LOOP DETECTOR INSTALLATION DETAILS.
- 24 ADD 1 DLC AND 12SMFO IN EXISTING CONDUIT AND INSTALL STATE-FURNISHED DETECTOR SENSORS IN CONTROLLER CABINET.
- 25 ADD 3#10 FOR METER ON SIGNAL.
- 26 ADD 6#14 AND 1#10 FOR RAMP SIGNAL.
- 27 SEE SHEET E-52.
- 28 ADD 1 DLC.

DATE REVISION BY  
 6/05 DAVID PADILLA  
 6/05 DAVID PADILLA  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 PROJECT ENGINEER  
 DAVID PADILLA  
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**ITS DESIGN**



CONDUCTOR SCHEDULE		RUN						
CONDUCTOR TYPE	FUNCTION	RUN						
		1	2	3	4	5	6	7
12SMFO CABLE	VOICE/DATA					2	1	
48SMFO CABLE	VOICE/DATA	1			1			
48SMFO CABLE	MULTIPLEXED DATA/VIDEO	1	1		1			
48SMFO CABLE	VIDEO DISTRIBUTION		1		1			
DLC CABLE						1		
	SIZE 25 INNERDUCT	1	1	1	1	1	1	1
CONDUIT SIZE		103	103	103	103	53	53	

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.



USERNAME => trlenard  
 DCN FILE => T12088u012.dgn

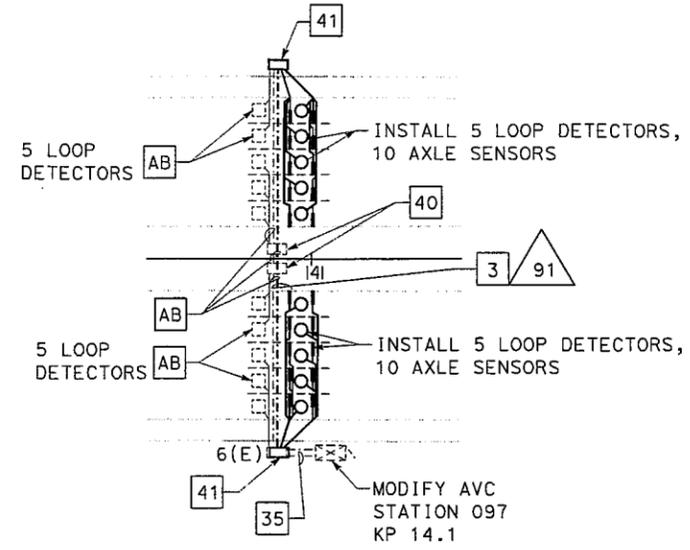
**COMMUNICATION SYSTEM ROUTING**  
 ASSOC w/ EA 07-2WB404 / B of 8 E-12  
 SCALE 1:1000  
 CU 07388 EA 120881

**RTE 101**  
 ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

DATE PLOTTED => 07-JUL-2005  
 TIME PLOTTED => 07:02  
 LAST REVISION  
 00-00-00

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** ITS DEVELOPMENT  
 PROJECT ENGINEER  
 CONWAY CHU  
 CALCULATED/DESIGNED BY  
 CONWAY CHU  
 CHECKED BY  
 DATE REVISED 9/02  
 DATE REVISED 9/02

CONDUIT AND CONDUCTOR SCHEDULE					
CONDUCTOR TYPE	FUNCTION	RUN			
		2	91	91	91
48SMFO CABLE	DATA DISTRIBUTION	1			
36SMFO CABLE	VIDEO DISTRIBUTION		1		
72SMFO CABLE	VIDEO / DATA		1		
DLC	DETECTOR LEAD-IN CABLE				5
STC	SCREENED TRANSMISSION CABLE				5
INNERDUCT (SIZE 25)		1	1	1	1
CONDUIT SIZE		103			78

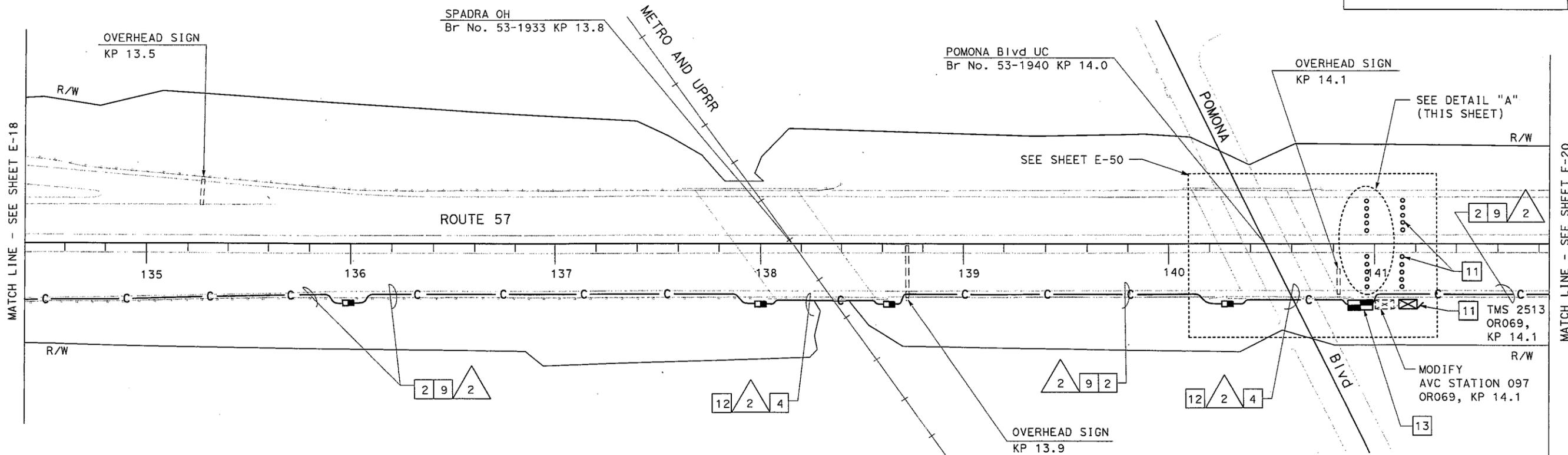


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10,57,60, 210,605	Var	84	239

Conway Chu 9/23/02  
 REGISTERED ELECTRICAL ENGINEER  
 3-10-03  
 PLANS APPROVAL DATE  
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 Caltrans now has a web site! To get to the web site, go to: <http://www.dot.ca.gov>

REGISTERED PROFESSIONAL ENGINEER  
 CONWAY CHU  
 No. E15305  
 Exp. 3/31/05  
 ELECTRICAL  
 STATE OF CALIFORNIA

**AS-BUILT**  
 Contract No. 07- **120974**  
 Resident Engineer: **WARREN YUE**  
 Completion Date: **1/24/06**



CONSTRUCTION NOTES (THIS SHEET ONLY)

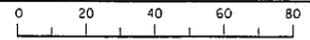
- 35 REMOVE dlc AND INSTALL 10 DLC, 20 STC IN EXISTING CONDUIT.
- 40 RC PULL BOX COVER. CONNECT EXISTING CONDUIT. FILL OPENING WITH PCC AND AC TO MATCH EXISTING (0.03 m Min AC).
- 41 RC EXISTING PULL BOX. INSTALL NEW PULL BOX.

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY  
 FOR LEGEND AND GENERAL NOTES SEE SHEET E-1.  
 ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE SHOWN.

**MODIFY AVC STATION  
 COMMUNICATION SYSTEM ROUTING**

RTIE 57  
 ASSOC. W/EA 07-2WB407/2 of 2 E-19  
 SCALE 1:1000

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USERNAME => e133351  
 DGN FILE => 712097u019.dgn

CU 07388 EA 120971

LAST REVISION DATE PLOTTED => 06-MAR-2008  
 00-00-00 TIME PLOTTED => 07:35

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**ITS DEVELOPMENT**  
**Caltrans**

PROJECT ENGINEER  
 CONWAY CHU

DATE 9/02  
 REVISOR  
 CC

DATE 9/02  
 REVISOR  
 DATE REVISED 9/02

CALCULATED/DESIGNED BY  
 CONWAY CHU

CHECKED BY

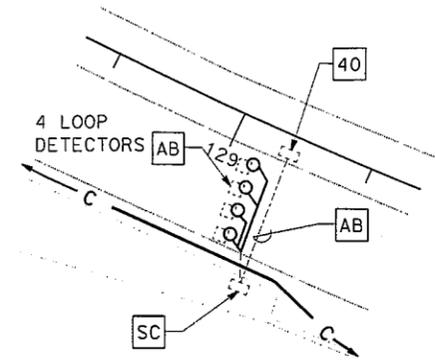
CONDUIT AND CONDUCTOR SCHEDULE						
CONDUCTOR TYPE	FUNCTION	RUN				
		2	28	70	71	
12SMFO CABLE	DATA / VOICE				1	2
48SMFO CABLE	DATA DISTRIBUTION	1				
4#18 CABLE	TELEPHONE CABLE			1(E)		
36SMFO CABLE	VIDEO DISTRIBUTION		1			
72SMFO CABLE	VIDEO / DATA	1				
INNERDUCT (SIZE 25)		1	1	1	1	
CONDUIT SIZE		103	78	53	53	

(E) EXISTING

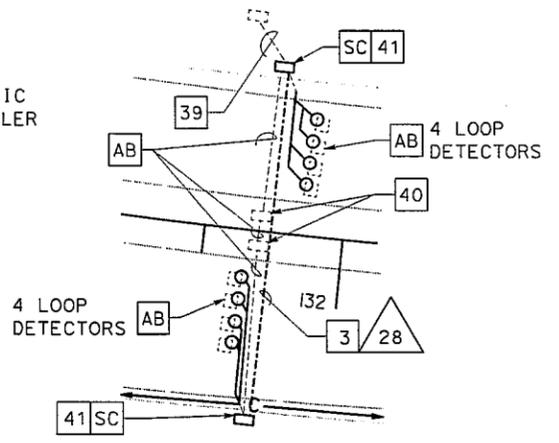


DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	10,57,60, 210,605	Var	83	239

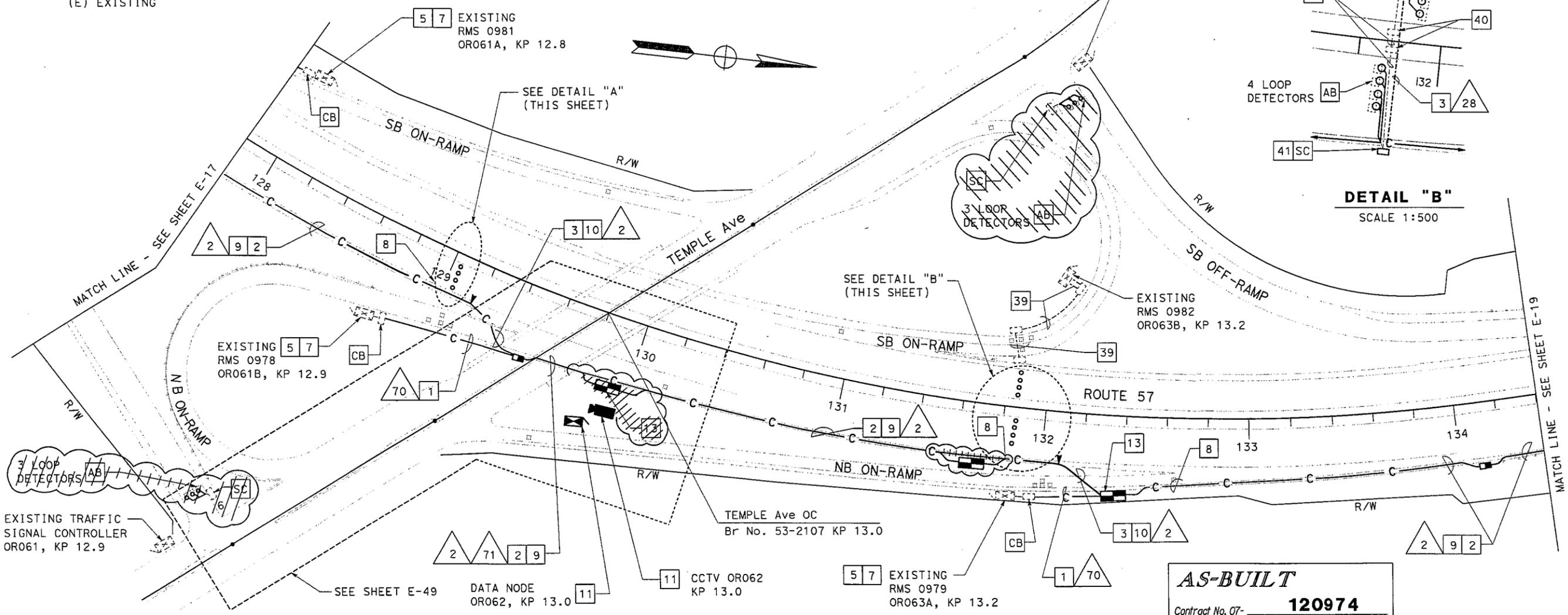
9/23/02  
 REGISTERED ELECTRICAL ENGINEER  
 3-10-03  
 PLANS APPROVAL DATE  
 The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.  
 Caltrans now has a web site! To get to the web site, go to: <http://www.dot.ca.gov>



**DETAIL "A"**  
SCALE 1:500



**DETAIL "B"**  
SCALE 1:500



**CONSTRUCTION NOTES (THIS SHEET ONLY)**

- 39 REINSTALL 4#18 TELEPHONE CABLE TO RMS 0982.
- 40 RC PULL BOX COVER. FILL OPENING WITH PCC AND AC TO MATCH EXISTING (0.03 m Min AC).
- 41 RC EXISTING PULL BOX. INSTALL NEW PULL BOX.

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.  
 FOR LEGEND AND GENERAL NOTES SEE SHEET E-1.  
 ALL DIMENSIONS ARE IN METER UNLESS OTHERWISE SHOWN.

**AS-BUILT**

Contract No. 07- **120974**

Resident Engineer: **WARREN YUE**

Completion Date: **1/24/06**

**LOOP DETECTORS  
 COMMUNICATION SYSTEM ROUTING  
 RTE 57**

SCALE 1:1000  
**ASSOC. W/EA 07-2WB404/102** E-18

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