

INFORMATION HANDOUT

For Contract No. 07-2W* , 04

At 07-LA-) 2/8/20 (-PM Various

Identified by

Project ID 0713000()

As-Builts

Fiber Optic System As-Built Drawings

Communication System Routing

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	110	21.4/30.5	46	109

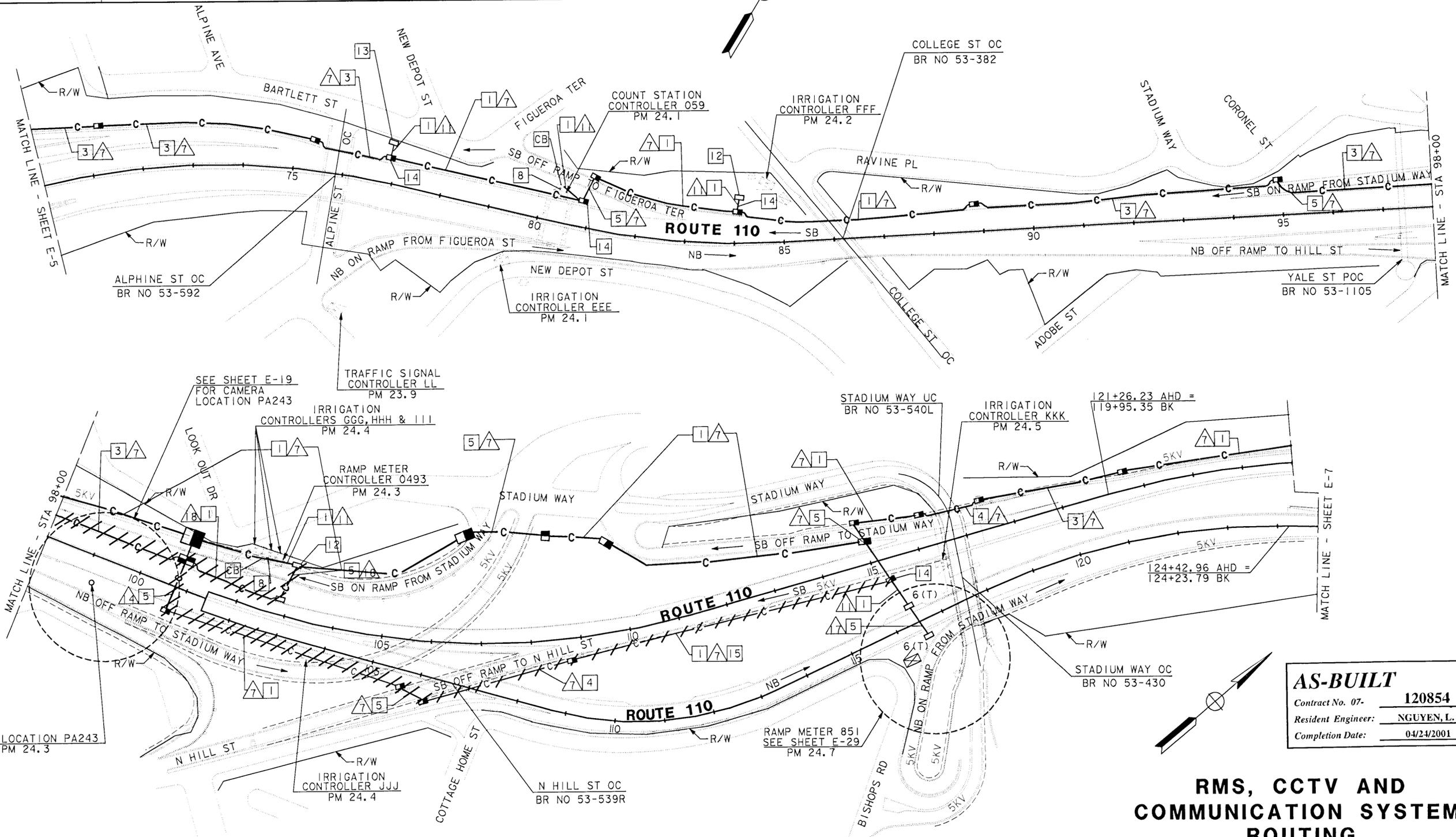
CONDUCTOR SCHEDULE		RUN					
CONDUCTOR TYPE	FUNCTION	7	10	11	14	17	18
75P22 CABLE	COMMUNICATION DATA						2
6P22 CABLE	CONTROLLER DATA						
24SMFO CABLE	DATA/VIDEO NODE TO HUB TRUNK						
12SMFO CABLE	CCTV CAMERA TO VIDEO DISTRIBUTION						
2SMFO B/O CABLE	SHORT HAUL VIDEO						
	INNERDUCT	1/4"	1/4"		1/4"	1/4"	
	CONDUIT SIZE	4"	4"	2"	4"	4"	4"

WARNING
 BEFORE STARTING WORK ON EXISTING SERIES LIGHTING CIRCUITS, THE CONTRACTOR MUST OBTAIN DAILY SAFETY CIRCUIT CLEARANCE FROM SERVING COMPANIES, DISCONNECT CIRCUITS AND PLACE "MEN AT WORK" SIGNS NEAR OPEN SWITCHES BEFORE DOING ANY WORK ON CIRCUITS.

Pat Sullivan
 REGISTERED CIVIL ENGINEER
 No. C30912
 Exp. 3/31/00
 6-9-97
 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.

REGISTERED PROFESSIONAL ENGINEER
 PAT SULLIVAN
 No. C30912
 Exp. 3/31/00
 CIVIL
 STATE OF CALIFORNIA



DATE REVISED BY
 3/94
 4/94

DP
 CF

CALCULATED/DESIGNED BY
 CHECKED BY

DESIGN OVERSIGHT
 PAT SULLIVAN

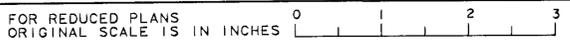
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans

AS-BUILT
 Contract No. 07- 120854
 Resident Engineer: NGUYEN, L.
 Completion Date: 04/24/2001

RMS, CCTV AND COMMUNICATION SYSTEM ROUTING
 SCALE: 1" = 100'

E-6

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND AND PROJECT NOTES.



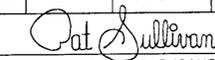
USERNAME => GCrz
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CU 07396

EA 120851

LAST REVISION
 00-00-00
 DATE PLOTTED => 8-AUG-2001
 TIME PLOTTED => 10:38

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	110	21.4/30.5	47	109


 REGISTERED CIVIL ENGINEER
 No. C30912
 Exp. 3/31/00
 6-9-97
 PLANS APPROVAL DATE
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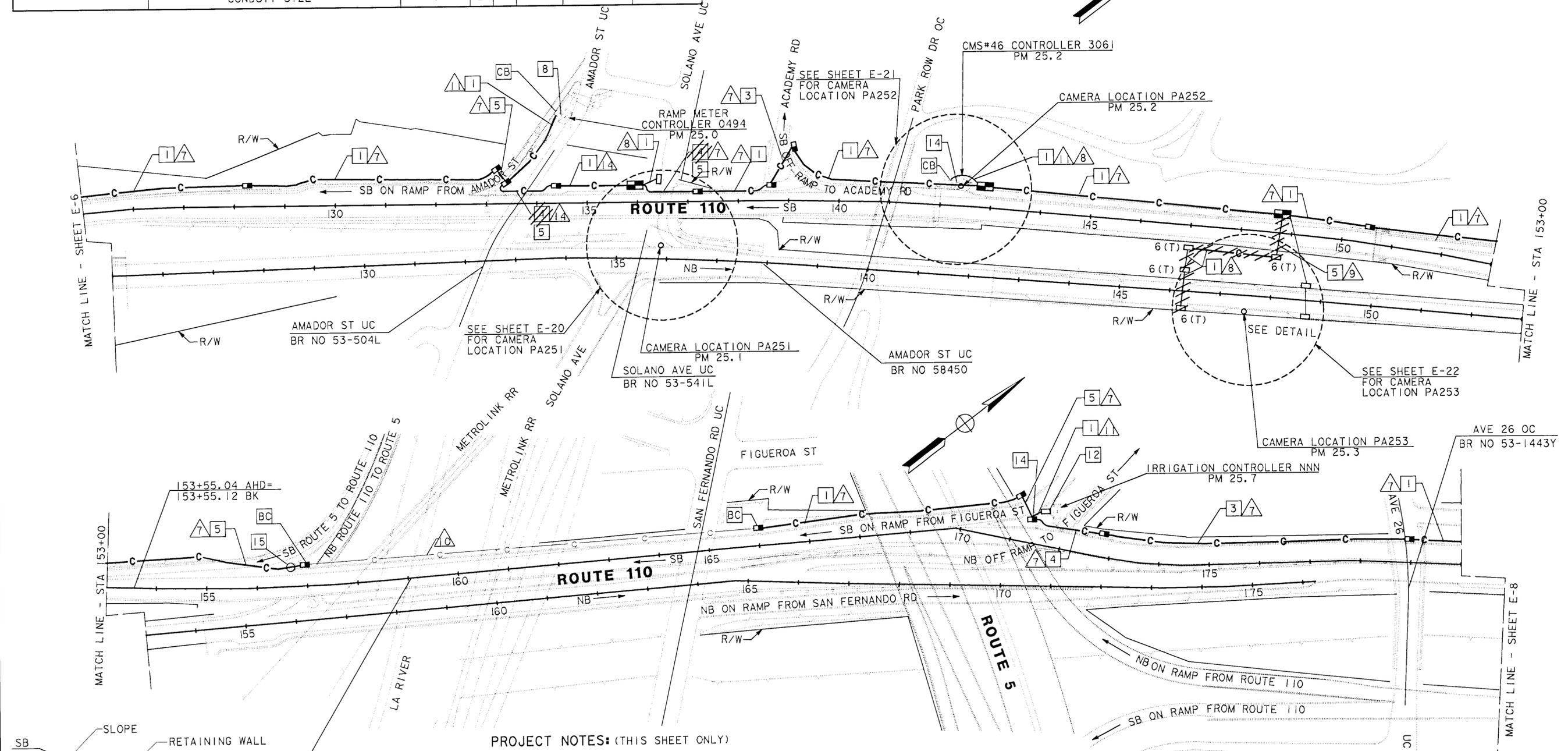
CONDUCTOR SCHEDULE		RUN					
CONDUCTOR TYPE	FUNCTION	7	8	9	11	14	10
75P22 CABLE	COMMUNICATION DATA						
6P22 CABLE	CONTROLLER DATA						
24SMFO CABLE	DATA/VIDEO NODE TO HUB TRUNK						
12SMFO CABLE	CCTV CAMERA TO VIDEO DISTRIBUTION						
2SMFO B/O CABLE	SHORT HAUL VIDEO						
	INNERDUCT	1/4"	1/4"			1/4"	1/4"
	CONDUIT SIZE	4"	2"	4"	2"	4"	EXIST 3" C

WARNING
 BEFORE STARTING WORK ON EXISTING SERIES LIGHTING CIRCUITS, THE CONTRACTOR MUST OBTAIN DAILY SAFETY CIRCUIT CLEARANCE FROM SERVING COMPANIES, DISCONNECT CIRCUITS AND PLACE "MEN AT WORK" SIGNS NEAR OPEN SWITCHES BEFORE DOING ANY WORK ON CIRCUITS.

DATE REVISION BY
 3/94 DP
 4/94 CF
 CALCULATED/DESIGNED BY
 CHECKED BY

DESIGN OVERSIGHT
 PAT SULLIVAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

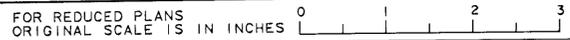



- PROJECT NOTES: (THIS SHEET ONLY)**
- 14 CONNECT 2-6P22 TO CMS CONTROLLER. USE EXISTING CONDUIT FROM PB INTO CABINET. SEE SHEET E-30 FOR ELECTRICAL DIAGRAM.
 - 5 RELOCATE AND ATTACHED EXISTING FIBER GLASS CONDUITS TO NEW CONCRETE BARRIER. SEE ATTACHED PLAN.

AS-BUILT
 Contract No. 07-120854
 Resident Engineer: NGUYEN, L.
 Completion Date: 04/24/2001

CCTV AND COMMUNICATIONS SYSTEM ROUTING
 SCALE: 1" = 100'

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND AND PROJECT NOTES.



CU 07396 EA 120851

LAST REVISION
 00-00-00

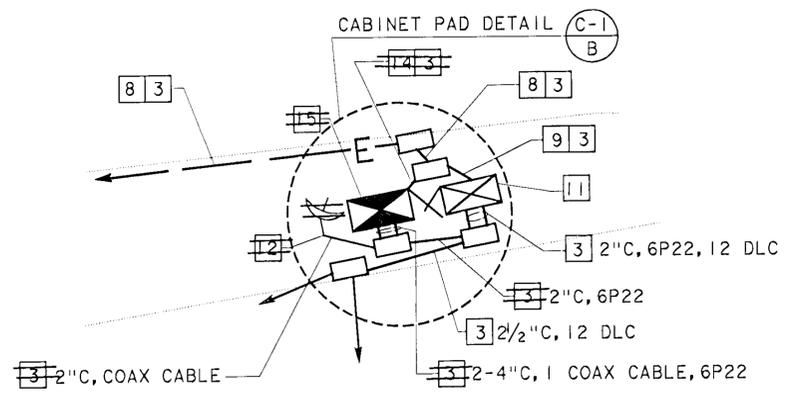
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	110	21.4/30.5	49	109


 REGISTERED CIVIL ENGINEER
 6-9-97
 PLANS APPROVAL DATE

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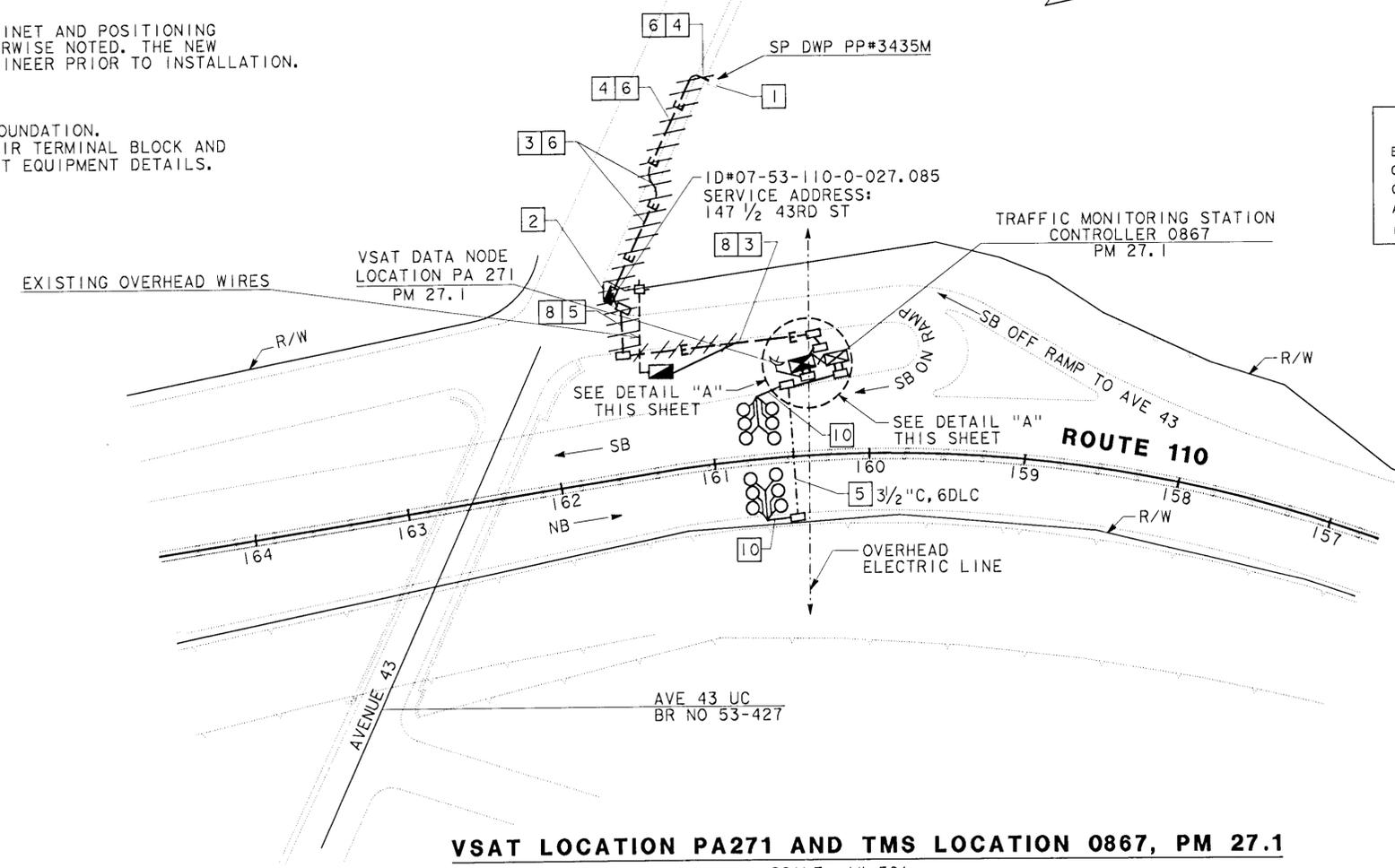
NOTES: (THIS SHEET ONLY)

- 1 INSTALL 3" C TYPE H RISER ON SERVICE POLE PER UTILITY COMPANY REQUIREMENTS (WIRES BY OTHERS).
- 2 INSTALL 120/240V, 3 WIRE, METERED, TYPE III BF SERVICE EQUIPMENT ENCLOSURE WITH 100A, 240V, 2P MAIN CIRCUIT BREAKER, 20A, 120V, 1P CIRCUIT BREAKER FOR TMS, AND 30A, 240V, 2P CIRCUIT BREAKER FOR VSAT.
- 3 TRENCH FOR CONDUIT IN SOIL.
- 4 TRENCH FOR CONDUIT IN ASPHALT.
- 5 JACK FOR CONDUIT BENEATH ROADWAY.
- 6 INSTALL 3" C, (WIRES BY OTHERS).
- 7 INSTALL 2" C, 5#6 AND 2" C (EMPTY).
- 8 INSTALL 2" C, 5#6.
- 9 INSTALL 2" C, 2#6.
- 10 SEE SHEET E-31 FOR TMS LOOP CONFIGURATION ONLY.
- 11 INSTALL TYPE 334 CABINET ON A NEW FOUNDATION. CABINET TO (INCLUDE STATE-FURNISHED I70 CONTROLLER ASSEMBLY) AND LOOP DETECTOR SENSORS. INSTALL TELEPHONE BRIDGE AND 12 PAIR TERMINAL IN CONTROLLER CABINET. SEE SHEETS E-31 AND E-42 FOR DETAILS.
- ~~12 FOR INSTALLATION AND MOUNTING DETAILS, SEE VSAT POLE AND MOUNTING DETAILS, SHEET E-39.~~
13. LOCATION OF PULL BOXES, CONTROLLER CABINET AND POSITIONING OF DETECTORS ARE SCHEMATIC UNLESS OTHERWISE NOTED. THE NEW LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
- ~~14 INSTALL 2" C, 3#6.~~
- 15 INSTALL TYPE 334 VSAT CABINET ON NEW FOUNDATION. ~~CABINET TO INCLUDE VSAT TERMINAL, 25 PAIR TERMINAL BLOCK AND A DATA MODEM. SEE SHEET E-37 FOR CABINET EQUIPMENT DETAILS.~~



DETAIL "A" VSAT DELETED

NO SCALE



WARNING
 BEFORE STARTING WORK ON EXISTING SERIES LIGHTING CIRCUITS, THE CONTRACTOR MUST OBTAIN DAILY SAFETY CIRCUIT CLEARANCE FROM SERVING COMPANIES, DISCONNECT CIRCUITS AND PLACE "MEN AT WORK" SIGNS NEAR OPEN SWITCHES BEFORE DOING ANY WORK ON CIRCUITS.

AS-BUILT
 Contract No. 07- 120854
 Resident Engineer: NGUYEN, L.
 Completion Date: 04/24/2001

VSAT LOCATION PA271 AND TMS LOCATION 0867, PM 27.1

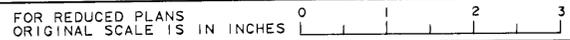
SCALE: 1"=50'

VSAT DATA NODE (LOCATION PA271) AND TRAFFIC MONITORING STATION (LOCATION 0867)

SCALE AS SHOWN

E-9

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND.



DATE	REVISED BY	DATE	REVISED BY
7/94	MXZ	7/94	CF

CALCULATED/DESIGNED BY: MXZ
 CHECKED BY: CF

DESIGN OVERSIGHT: PAT SULLIVAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION



LAST REVISION
 00-00-00

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	110	21.4/30.5	50	109

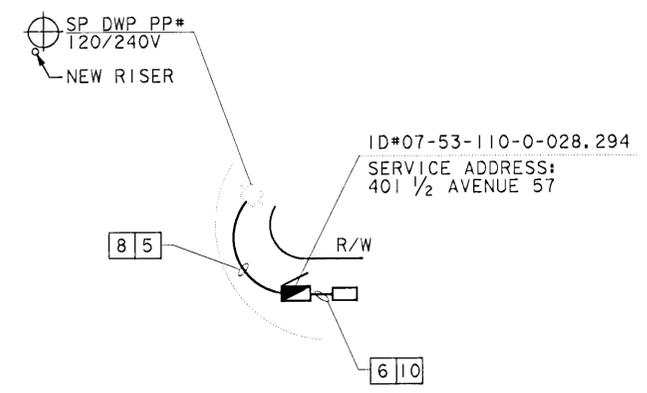
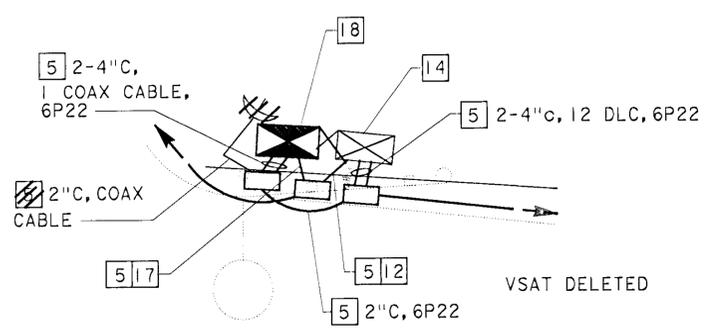
Pat Sullivan
 REGISTERED CIVIL ENGINEER
 No. C30912
 Exp. 3/31/00
 STATE OF CALIFORNIA
 CIVIL

6-9-97
 PLANS APPROVAL DATE

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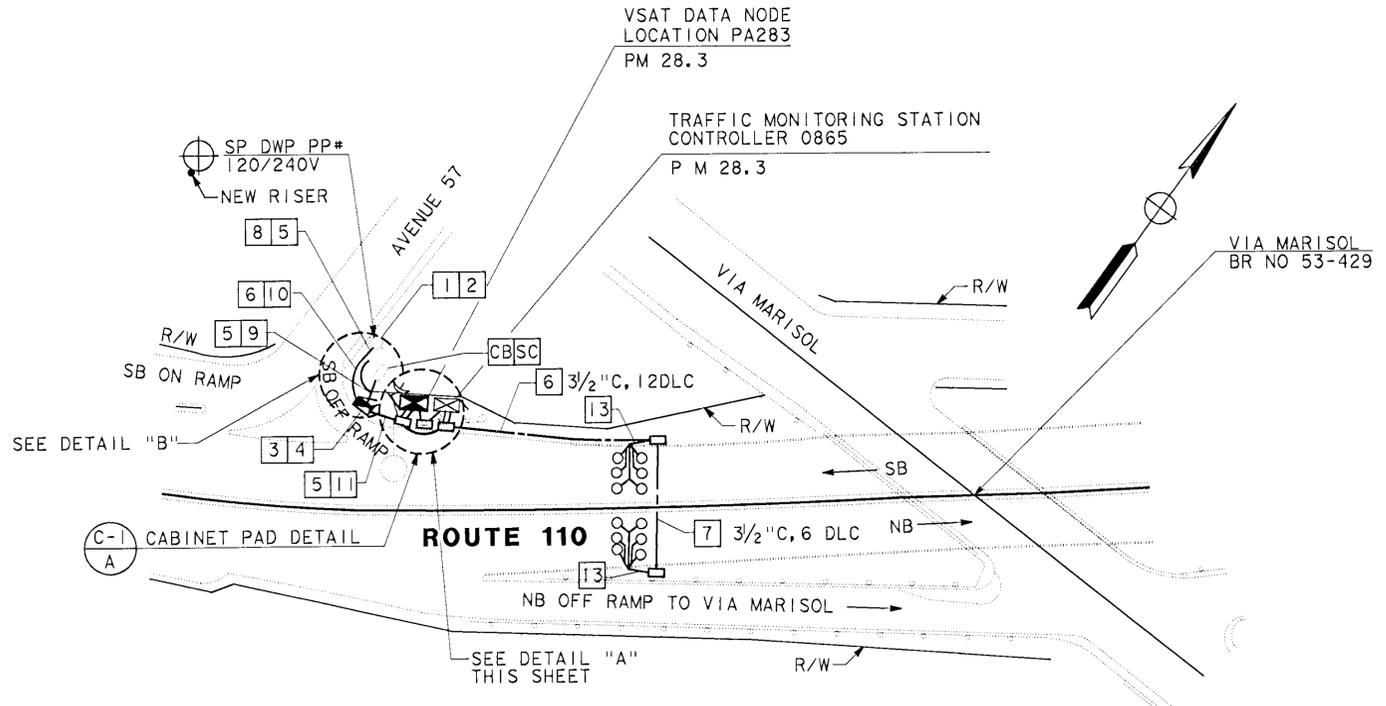
NOTES: (THIS SHEET ONLY)

- 1 REMOVE EXISTING POLE MOUNTED METERED SERVICE FOR IRRIGATION. THE CONTRACTOR SHALL CONTACT CALTRANS ENGINEER BEFORE REMOVING EXISTING POLE MOUNTED SERVICE AND CONTACT DWP 48 HOURS IN ADVANCE TO TURN OFF POWER FROM POWER POLE.
- 2 INSTALL 3" C TYPE H RISER ON SERVICE POLE PER UTILITY COMPANY REQUIREMENTS, (WIRES BY OTHERS).
- 3 INSTALL 120/240V, 3 WIRE, METERED, TYPE III BF SERVICE EQUIPMENT ENCLOSURE WITH 100A, 240V, 2P MAIN CIRCUIT BREAKER, 20A, 120V, 1P CIRCUIT BREAKER FOR TRAFFIC MONITORING STATION, 30A, 240V, 2P CIRCUIT BREAKER FOR VSAT, AND (2) 20A, 120V, 1P CIRCUIT BREAKERS FOR EXISTING IRRIGATION CIRCUITS.
- 4 CONNECT EXISTING IRRIGATION CIRCUITS TO NEW SERVICE EQUIPMENT ENCLOSURE.
- 5 TRENCH FOR CONDUIT IN SOIL.
- 6 TRENCH FOR CONDUIT IN ASPHALT.
- 7 JACK FOR CONDUIT BENEATH ROADWAY.
- 8 INSTALL 3" C, (WIRES BY OTHERS).
- 9 INSTALL 2" C, 4#8 (FOR EXISTING IRRIGATION).
- 10 INSTALL 2" C, 2#8 (FOR TMS), 3#6 (FOR VSAT) AND 2" C, 4#8 (FOR IRRIGATION).
- 11 INSTALL 2" C, 2#8, 3#6.
- 12 INSTALL 2" C, 2#8.
- 13 SEE SHEET E-31 FOR TMS LOOP CONFIGURATION ONLY.
- 14 INSTALL STATE-FURNISHED TYPE 334 CABINET ON NEW FOUNDATION. CABINET TO INCLUDE STATE-FURNISHED 170 CONTROLLER ASSEMBLY AND LOOP DETECTOR SENSORS. INSTALL TELEPHONE BRIDGE AND 12 PAIR TERMINAL IN CONTROLLER CABINET. SEE SHEETS E-31 AND E-42 FOR DETAILS.
- ~~15 FOR INSTALLATION AND MOUNTING DETAILS, SEE VSAT POLE AND MOUNTING DETAILS, SHEET E-38.~~
- 16 LOCATIONS OF PULL BOXES, CONTROLLER CABINET AND POSITIONING OF DETECTORS ARE SCHEMATIC UNLESS OTHERWISE NOTED. THE NEW LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
- 17 INSTALL 2" C, 3#6.
- 18 INSTALL TYPE 334 VSAT CABINET ON NEW FOUNDATION. ~~CABINET TO INCLUDE VSAT TERMINAL, 25 PAIR TERMINAL BLOCK AND A DATA MODEM. SEE SHEET E-37 FOR CABINET EQUIPMENT DETAILS.~~



DETAIL "A"
NO SCALE

DETAIL "B"
NO SCALE



VSAT LOCATION PA283 AND TMS LOCATION 0865, PM 28.3
SCALE: 1"=50'

WARNING

BEFORE STARTING WORK ON EXISTING SERIES LIGHTING CIRCUITS, THE CONTRACTOR MUST OBTAIN DAILY SAFETY CIRCUIT CLEARANCE FROM SERVING COMPANIES, DISCONNECT CIRCUITS AND PLACE "MEN AT WORK" SIGNS NEAR OPEN SWITCHES BEFORE DOING ANY WORK ON CIRCUITS.

AS-BUILT

Contract No. 07- 120854

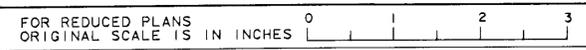
Resident Engineer: NGUYEN, L.

Completion Date: 04/24/2001

VSAT DATA NODE (LOCATION PA283) AND TRAFFIC MONITORING STATION (LOCATION 0865)

SCALE AS SHOWN

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND.



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DGN FILE => 712085u1008103439

CU 07396

EA 120851

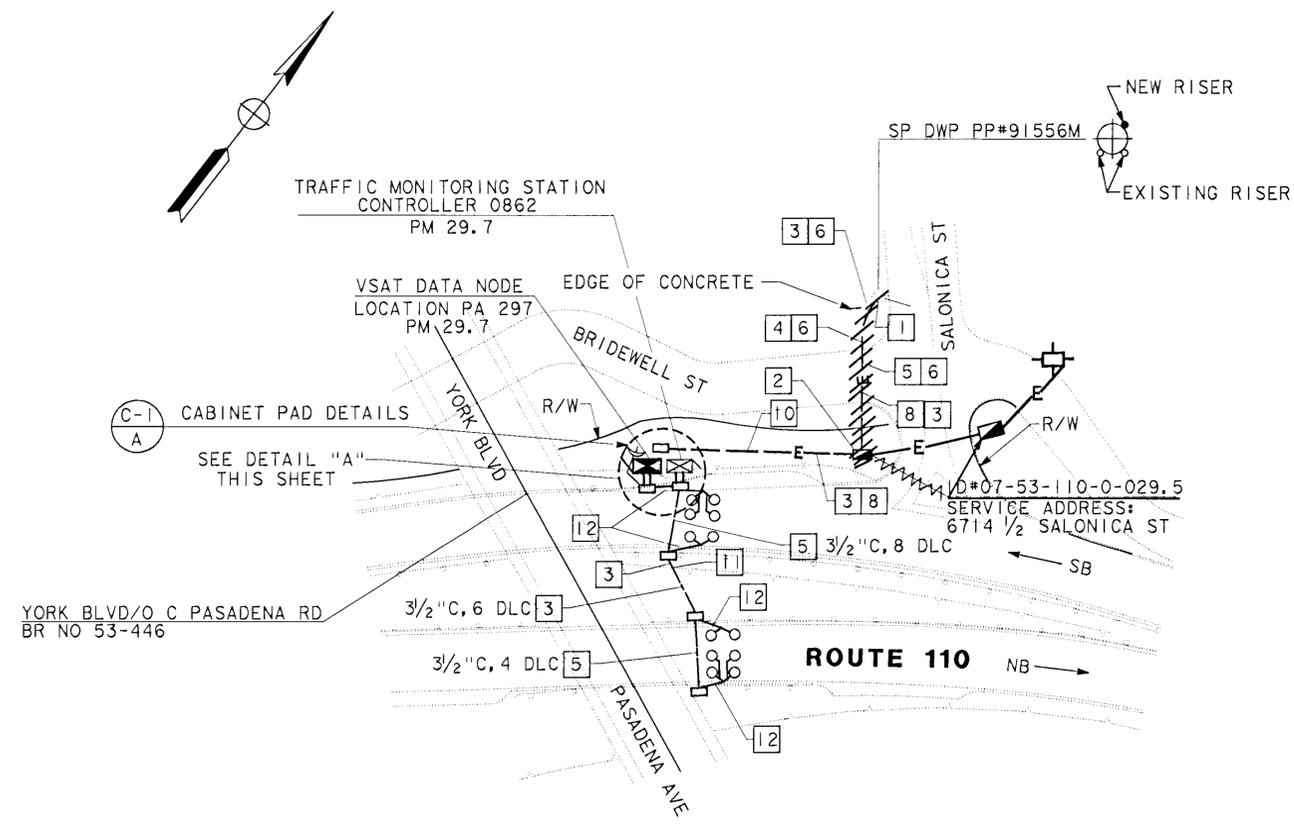
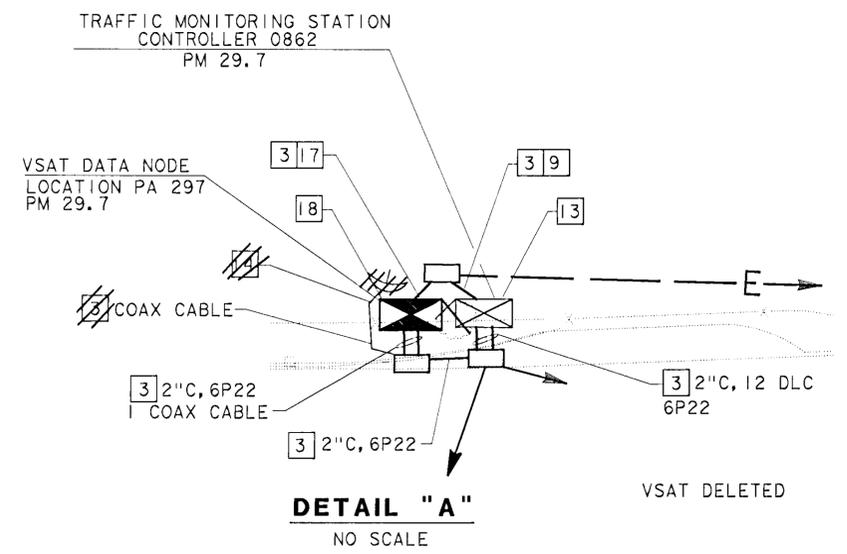
DATE PLOTTED => 8-AUG-2001
TIME PLOTTED => 10:36
LAST REVISION
00-00-00

DESIGN OVERSIGHT: PAT SULLIVAN
 DATE REVISED BY: MXZ 7/7/94
 CHECKED BY: CF 7/94
 CALCULATED/DESIGNED BY: MXZ 7/7/94
 DATE REVISED: 7/94
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	110	21.4/30.5	51	109

Pat Sullivan
 REGISTERED CIVIL ENGINEER
 No. C30912
 Exp. 3/31/00
 PLANS APPROVAL DATE 6-9-97
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WARNING
 BEFORE STARTING WORK ON EXISTING SERIES LIGHTING CIRCUITS, THE CONTRACTOR MUST OBTAIN DAILY SAFETY CIRCUIT CLEARANCE FROM SERVING COMPANIES, DISCONNECT CIRCUITS AND PLACE "MEN AT WORK" SIGNS NEAR OPEN SWITCHES BEFORE DOING ANY WORK ON CIRCUITS.



VSAT LOCATION PA297 AND TMS LOCATION 0862, PM 29.7

SCALE: 1"=50'

NOTES: (THIS SHEET ONLY)

1. INSTALL 3"C, TYPE H RISER ON SERVICE POLE PER UTILITY COMPANY REQUIREMENTS (WIRES BY OTHERS).
2. INSTALL 120/240V, 3 WIRE, METERED, TYPE III BF SERVICE EQUIPMENT ENCLOSURE WITH 100A, 240V, 2P MAIN CIRCUIT BREAKER AND 20A, 120V, 1P CIRCUIT BREAKER FOR TMS, AND 30A, 240V, 2P CIRCUIT BREAKER FOR VSAT.
3. TRENCH FOR CONDUIT IN SOIL.
4. TRENCH FOR CONDUIT IN CONCRETE.
5. JACK FOR CONDUIT BENEATH ROADWAY.
6. INSTALL 3"C, (WIRES BY OTHERS).
7. INSTALL 2"C, 5#6 AND 2"C (EMPTY).
8. INSTALL 2"C, 5#6.
9. INSTALL 2"C, 2#6.
10. TRENCH FOR CONDUIT BENEATH FENCE.
11. CORE FOR CONDUIT THROUGH CONCRETE WALL.
12. SEE SHEET E-31 FOR TMS LOOP CONFIGURATION ONLY.
13. INSTALL STATE-FURNISHED TYPE 334 CABINET ON A NEW FOUNDATION. CABINET TO INCLUDE STATE-FURNISHED 170 CONTROLLER ASSEMBLY AND LOOP DETECTOR SENSORS. INSTALL TELEPHONE BRIDGE AND 12 PAIR TERMINAL IN CONTROL CABINET. SEE SHEET E-31 AND E-42 FOR DETAILS.
- ~~14. FOR INSTALLATION AND MOUNTING DETAILS, SEE VSAT POLE AND MOUNTING DETAILS, SHEET E-38.~~
15. LOCATIONS OF PULL BOXES, CONTROLLER CABINET AND POSITIONING OF DETECTORS ARE SCHEMATIC UNLESS OTHERWISE NOTED. THE NEW LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
16. INSTALL 3"C, 5#6.
17. INSTALL 2"C, 3#6.
18. INSTALL TYPE 334 VSAT CABINET ON NEW FOUNDATION. ~~CABINET TO INCLUDE VSAT TERMINAL, 25 PAIR TERMINAL BLOCK AND A DATA MODEM. SEE SHEET E-37 FOR CABINET EQUIPMENT DETAILS.~~

AS-BUILT
 Contract No. 07- 120854
 Resident Engineer: NGUYEN, L.
 Completion Date: 04/24/2001

VSAT DATA NODE (LOCATION PA297) AND TRAFFIC MONITORING STATION (LOCATION 0862)

SCALE AS SHOWN

E-11

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND.



USERNAME => GCrz
 DGN FILE => 712085u1108103357

CU 07396

EA 120851

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN OVERSIGHT
 PAT SULLIVAN
 EST
 Caltrans

LAST REVISION
 00-00-00
 DATE PLOTTED => 8-Aug-2001
 TIME PLOTTED => 10:35

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	110	21.4/30.5	52	109

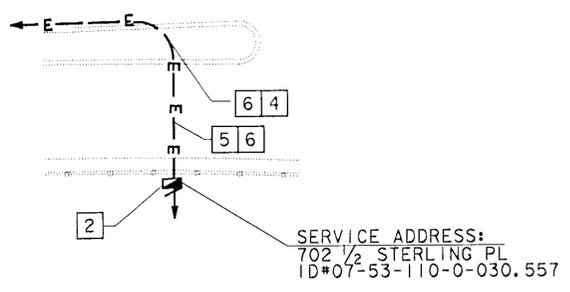
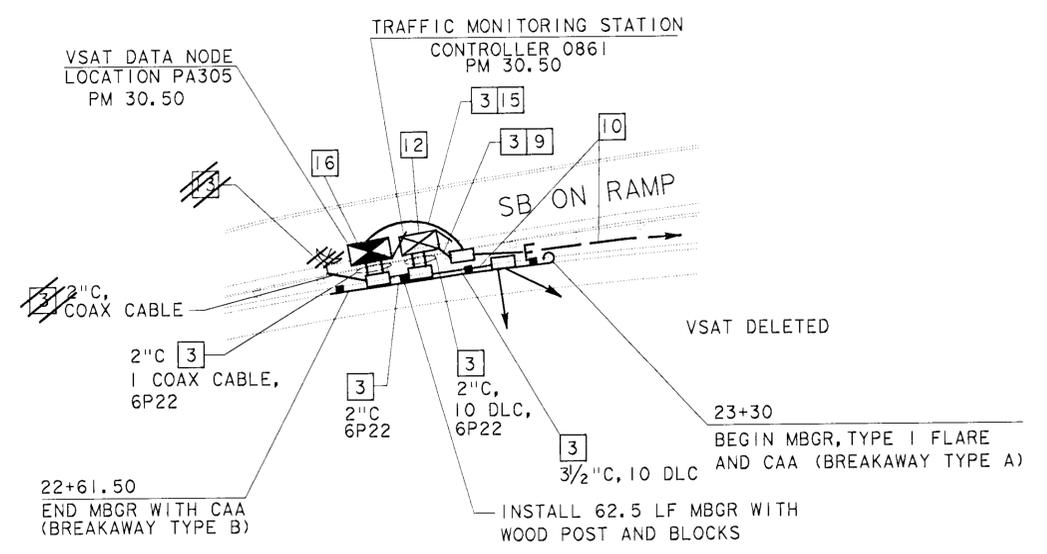
Pat Sullivan
 REGISTERED CIVIL ENGINEER
 No. C30912
 Exp. 3/31/00
 STATE OF CALIFORNIA
 CIVIL ENGINEER

6-9-97
 PLANS APPROVAL DATE

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WARNING

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AS-BUILT

Contract No. 07- **120854**

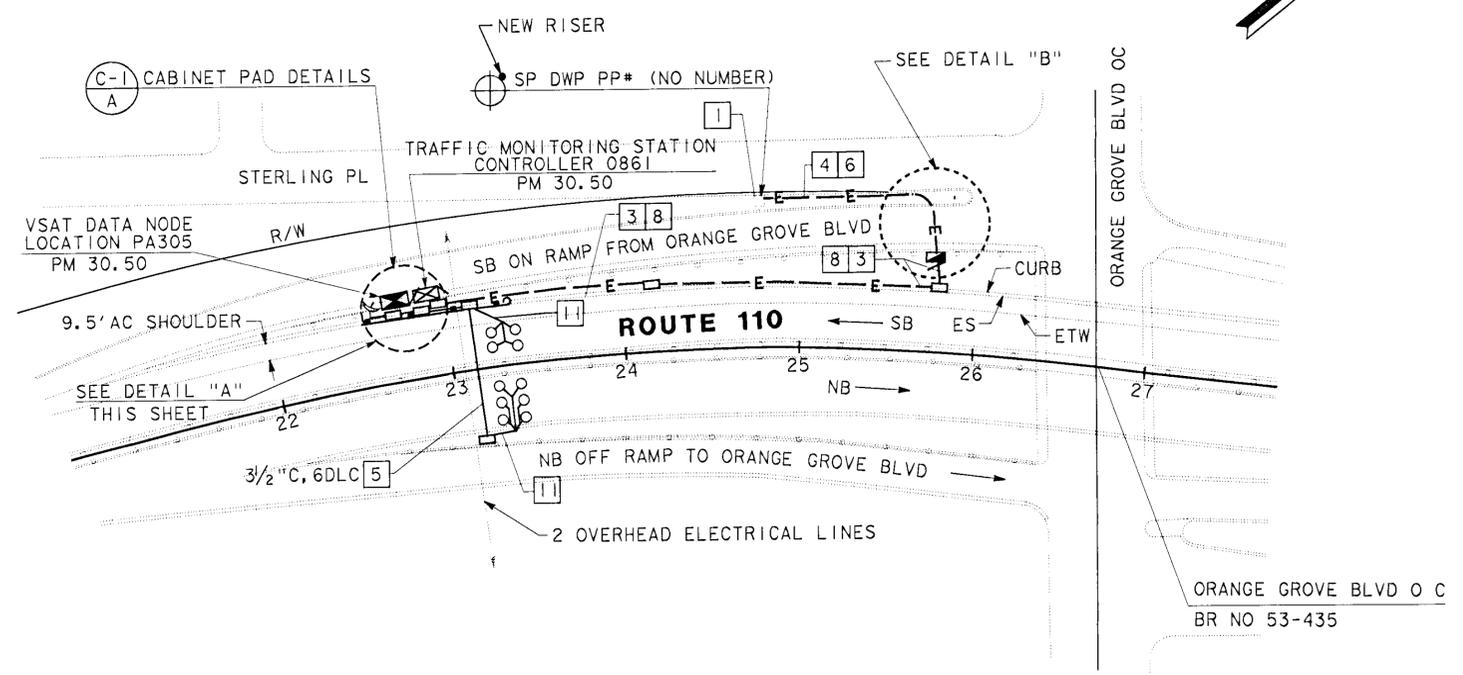
Resident Engineer: **NGUYEN, L.**

Completion Date: **04/24/2001**

DATE	REVISED BY	DATE	REVISOR
7/94	MXZ	7/94	CF
CALCULATED/DESIGNED BY	CHECKED BY	DESIGN OVERSIGHT	
		PAT SULLIVAN	
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION			

DETAIL "A"
NO SCALE

DETAIL "B"
NO SCALE



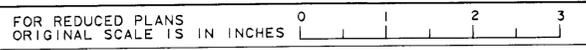
VSAT LOCATION PA305 AND TMS LOCATION 0861, PM 30.5
SCALE: 1"=50'

NOTES: (THIS SHEET ONLY)

1. INSTALL 3" C, TYPE H RISER ON SERVICE POLE PER UTILITY COMPANY REQUIREMENTS, (WIRES BY OTHERS).
2. INSTALL 120/240V, 3 WIRE, METERED, TYPE III BF SERVICE EQUIPMENT ENCLOSURE WITH 100A, 240V, 2P MAIN CIRCUIT BREAKER, 20A, 120V, 1P CIRCUIT BREAKER FOR TMS AND 30A, 240V, 2P CIRCUIT BREAKER FOR VSAT.
3. TRENCH FOR CONDUIT IN SOIL.
4. TRENCH FOR CONDUIT IN ASPHALT.
5. JACK FOR CONDUIT BENEATH ROADWAY.
6. INSTALL 3" C, (WIRES BY OTHERS).
7. INSTALL 2" C, 5#6 AND 2" C (EMPTY).
8. INSTALL 2" C, 5#6.
9. INSTALL 2" C, 2#6.
10. INSTALL CONDUITS IN THE SAME TRENCH.
11. SEE SHEET E-31 FOR TMS LOOP CONFIGURATION ONLY.
12. INSTALL STATE-FURNISHED TYPE 334 CABINET ON NEW FOUNDATION. CABINET TO INCLUDE STATE-FURNISHED 170 CONTROLLER ASSEMBLY AND LOOP DETECTOR SENSORS. INSTALL TELEPHONE BRIDGE AND 12 PAIR TERMINAL IN CONTROLLER CABINET. SEE SHEET E-31 AND E-42 FOR DETAILS.
13. ~~FOR INSTALLATION AND MOUNTING DETAILS, SEE VSAT POLE AND MOUNTING DETAILS, SHEET E-38.~~
14. LOCATIONS OF PULLBOXES, CONTROLLER CABINET AND POSITIONING OF DETECTORS ARE SCHEMATIC UNLESS OTHERWISE NOTED. THE NEW LOCATIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
15. INSTALL 2" C, 3#6.
16. ~~INSTALL TYPE 334 VSAT CABINET ON NEW FOUNDATION. CABINET TO INCLUDE VSAT TERMINAL, 25 PAIR TERMINAL BLOCK AND A DATA MODEM. SEE SHEET E-37 FOR CABINET EQUIPMENT DETAILS.~~

VSAT DATA NODE (LOCATION PA305) AND TRAFFIC MONITORING STATION (LOCATION 0861)
SCALE AS SHOWN **E-12**

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND.



LAST REVISION 00-00-00
 DATE PLOTTED => 8-Aug-2001
 TIME PLOTTED => 10:34

DIST	COUNTY	ROUTE	KILOMETER TOTAL PROJECT	POST TOTAL PROJECT	SHEET NO	TOTAL SHEETS
07	LA	134	0.0/21.8		116	209



Monica M. Suter 6/20/96
 REGISTERED CIVIL ENGINEER
 No. C048591
 Exp. 6-30-00
 CIVIL
 STATE OF CALIFORNIA

4-28-97
 PLANS APPROVAL DATE
 PARSONS BRINCKERHOFF QUADE & DOUGLAS, INC.
 444 S. FLOWER STREET, SUITE 1850
 LOS ANGELES, CA 90071

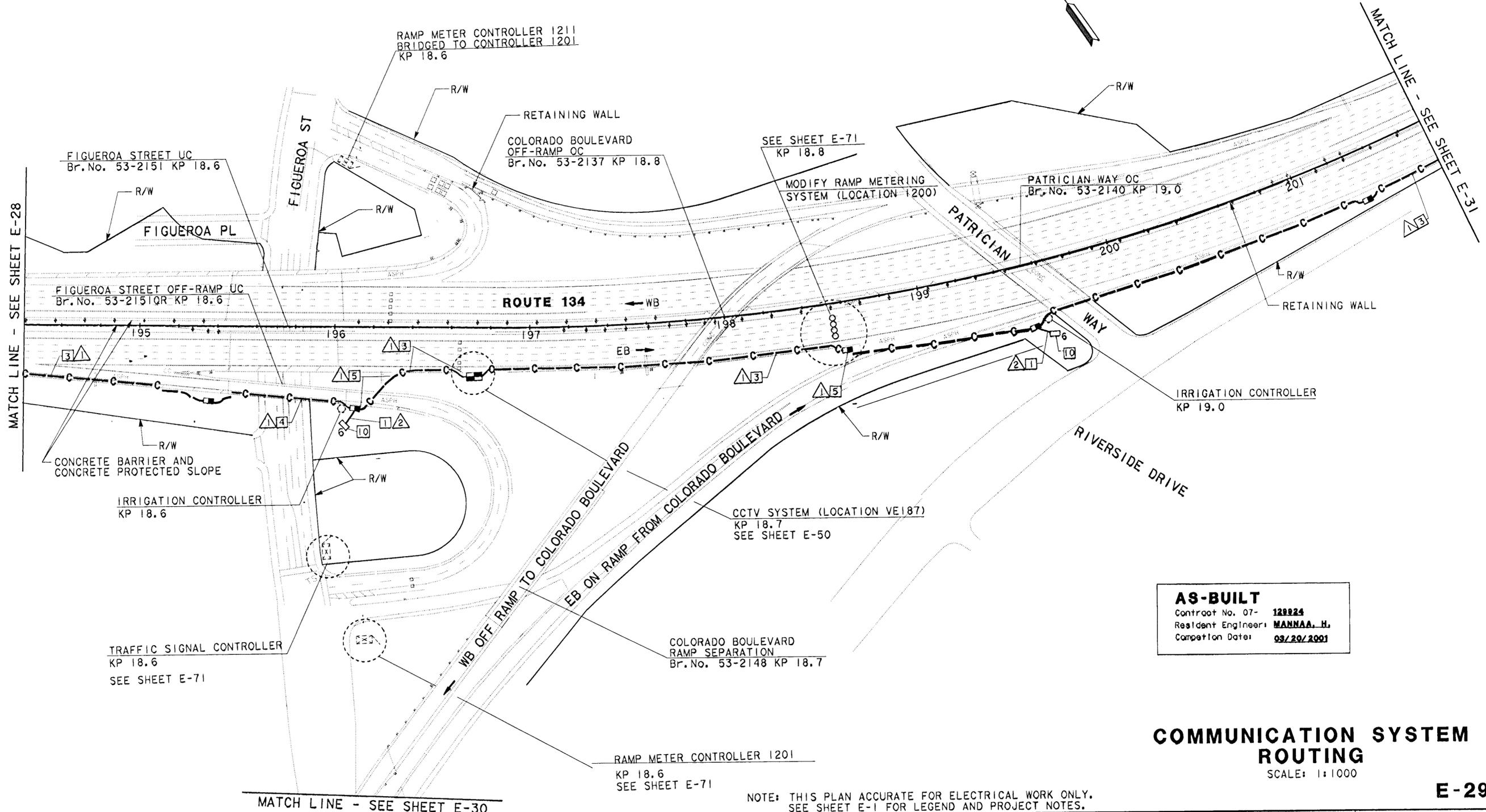
NOTES: (THIS SHEET ONLY)

- 1 TRENCH AND INSTALL CONDUIT IN SOIL.
- 3 TRENCH AND INSTALL CONDUIT IN ASPHALT.
- 4 ATTACH CONDUIT TO BRIDGE. SEE SHEET C-2 FOR DETAILS.
- 5 JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-7 FOR DETAILS.
- 10 COIL 10 m of 6P22 IN PULL BOX FOR FUTURE CONNECTION. TO IRRIGATION CONTROLLER BY OTHERS.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN		
		1	2	3
50P22 CABLE	DATA/VOICE			
6P22 CABLE	DATA/VOICE			
24SMFO CABLE	VIDEO DISTRIBUTION			
72 48 SMFO CABLE	MULTIPLEXED DATA/VIDEO			
	SIZE 32 INNERDUCT			
	CONDUIT SIZE	103	103	53

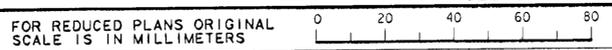
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 PROJECT ENGINEER
 PAT SULLIVAN
 CALCULATED/DESIGNED BY
 MM 6/96
 CHECKED BY
 MMS 6/96
 DATE REVISIED
 DATE REVISIED



AS-BUILT
 Contract No. 07- 129924
 Resident Engineer: **MANNAA, H.**
 Completion Date: **03/20/2001**

COMMUNICATION SYSTEM ROUTING
 SCALE: 1:1000

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. SEE SHEET E-1 FOR LEGEND AND PROJECT NOTES.



USERNAME => \$\$\$\$\$\$USER\$\$\$\$\$\$
 DGN FILE => \$\$\$\$\$\$DGN\$SPEC\$\$\$\$\$\$\$\$

CU 07396 EA 129921