FOR CONTRACT NO.: 07-2W7804

INFORMATION HANDOUT

INFORMATION

Fiber Optic System As-Built Drawings
And
Los Angeles County Department of Regional Planning Coastal Development
Permit Exemption

ROUTE: 07-LA-2, 27, 101, 170, 210, 405, 710 - PM Var

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	2	24.1/37.2	41	142

Caltrans Metric

REGISTERED ELECTRICAL ENGINEER 11-00

5-7-01
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

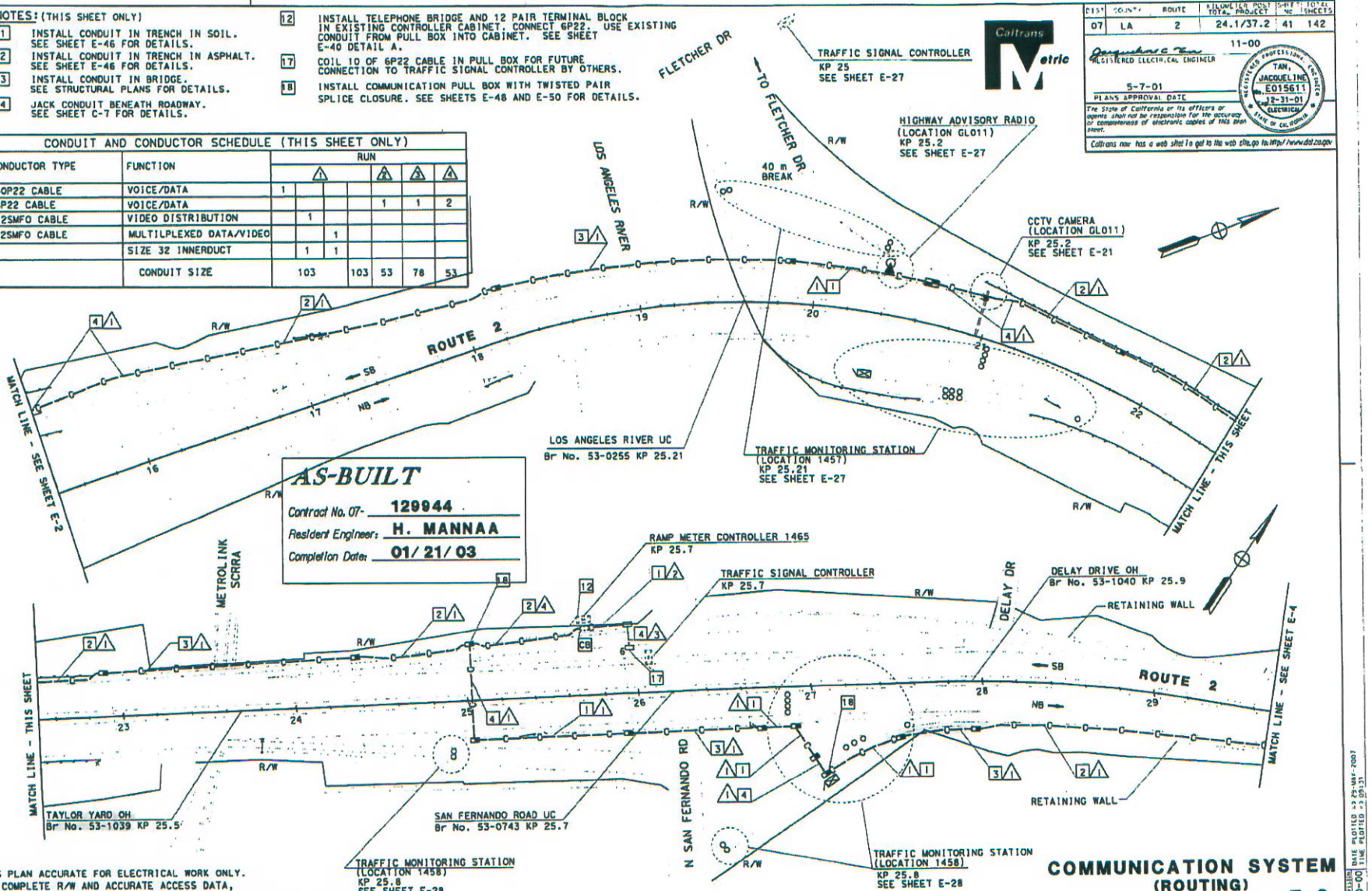
REGISTERED PROFESSIONAL ENGINEER TAN, JACQUELINE No. E015611 Exp. 12-31-01 ELECTRICAL STATE OF CALIFORNIA

NOTES: (THIS SHEET ONLY)

1. INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
2. INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-46 FOR DETAILS.
3. INSTALL CONDUIT IN BRIDGE. SEE STRUCTURAL PLANS FOR DETAILS.
4. JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-7 FOR DETAILS.
12. INSTALL TELEPHONE BRIDGE AND 12 PAIR TERMINAL BLOCK IN EXISTING CONTROLLER CABINET. CONNECT 6P22. USE EXISTING CONDUIT FROM PULL BOX INTO CABINET. SEE SHEET E-40 DETAIL A.
17. COIL 10 OF 6P22 CABLE IN PULL BOX FOR FUTURE CONNECTION TO TRAFFIC SIGNAL CONTROLLER BY OTHERS.
18. INSTALL COMMUNICATION PULL BOX WITH TWISTED PAIR SPLICE CLOSURE. SEE SHEETS E-48 AND E-50 FOR DETAILS.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 1				RUN 2	RUN 3	RUN 4
50P22 CABLE	VOICE/DATA	1						
6P22 CABLE	VOICE/DATA					1	1	2
12SMFO CABLE	VIDEO DISTRIBUTION		1					
72SMFO CABLE	MULTILPLEXED DATA/VIDEO			1				
	SIZE 32 INNERDUCT		1	1				
	CONDUIT SIZE		103		103	53	78	53



AS-BUILT
Contract No. 07- 129944
Resident Engineer: H. MANNAA
Completion Date: 01/21/03

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.
FOR COMPLETE R/W AND ACCURATE ACCESS DATA,
SEE R/W RECORD MAPS AT THE DISTRICT OFFICE.
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
SEE SHEET HP-1 FOR IRIGATION RELOCATION PLANS.

COMMUNICATION SYSTEM (ROUTING)

SCALE 1:1000

E-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

PROJECT ENGINEER: DAVID PADILLA
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
DATE REVISED

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => gcruz
DGN FILE => 712994L03.dgn

CU 07388

EA 129941

LAST REVISION 00-00-00
DATE PLOTTED => 29-MAY-2007
TIME PLOTTED => 09:31

NOTES: (THIS SHEET ONLY)

1. INSTALL CONDUIT IN TRENCH IN SOIL. SEE SHEET E-46 FOR DETAILS.
2. INSTALL CONDUIT IN TRENCH IN ASPHALT. SEE SHEET E-46 FOR DETAILS.
3. INSTALL CONDUIT IN BRIDGE. SEE STRUCTURAL PLANS FOR DETAILS.
4. JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-7 FOR DETAILS.
17. INSTALL COMMUNICATION PULL BOX WITH TWISTED PAIR SPLICE CLOSURE. SEE SHEET E-48 AND E-50 FOR DETAILS.
18. SPLICE 72SMFO CABLES TO EXISTING 72SMFO AS DIRECTED BY THE ENGINEER.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 1			RUN 2		RUN 3	
50P22 CABLE	VOICE/DATA	1						
72SMFO CABLE	MULTIPLEXED DATA/VIDEO		1		2			
12SMFO CABLE	VIDEO DISTRIBUTION			1				
	SIZE 32 INNERDUCT		1	1	1			
	CONDUIT SIZE	103		103	103	103	EXIST	

Caltrans Metric

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	2	23.9/37.2	44	142

Jacqueline C. Tan — 11-00
REGISTERED ELECTRICAL ENGINEER

5-7-01
PLANS APPROVAL DATE

TAN, JACQUELINE — No. E015611 — 12-31-01 — ELECTRICAL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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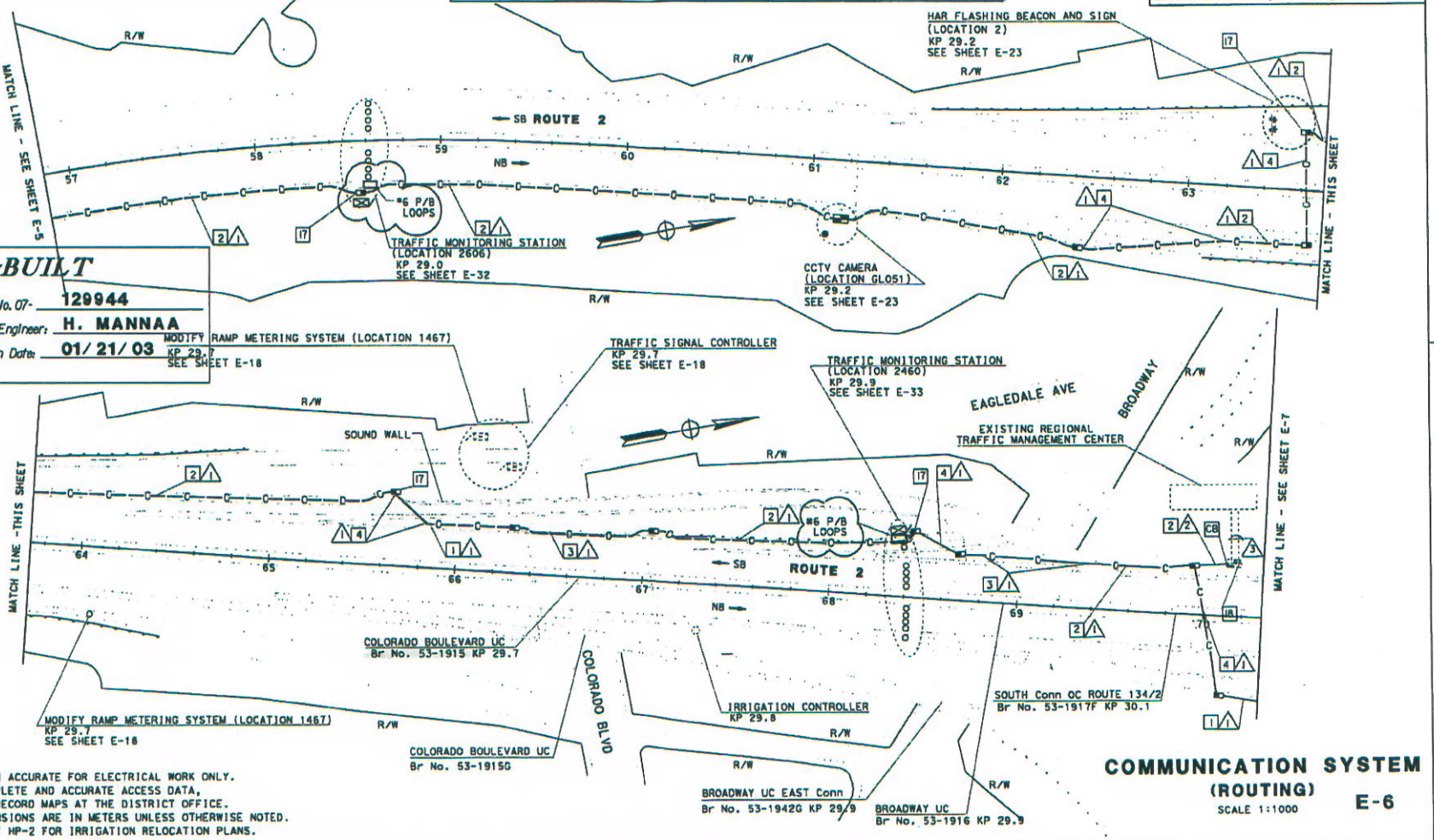
AS-BUILT
Contract No. 07- 129944
Resident Engineer: H. MANNAA
Completion Date: 01/21/03



THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.
FOR COMPLETE AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT THE DISTRICT OFFICE.
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.
SEE SHEET HP-2 FOR IRRIGATION RELOCATION PLANS.

COMMUNICATION SYSTEM (ROUTING)

SCALE 1:1000

E-6

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY
PROJECT ENGINEER: DAVID PADILLA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

DATE PLOTTED => 29-MAY-2007
TIME PLOTTED => 09:34

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => DCRUZ
DGN FILE => T12994x05.dgn

CU 07388 EA 129941

Caltrans Metro

07	LA	101	R27.8/R40.6	83	178

3-20-03

4-7-03

JACQUELINE K. TAN No. E015611 EXP. 12/31/05 ELECTRICAL

DATE	REVISED BY
7/02	CS
7/02	DATE REVISED

CALCULATED/DESIGNED BY: HT
CHECKED BY: DL

PROJECT ENGINEER: HENRY H. TRINH

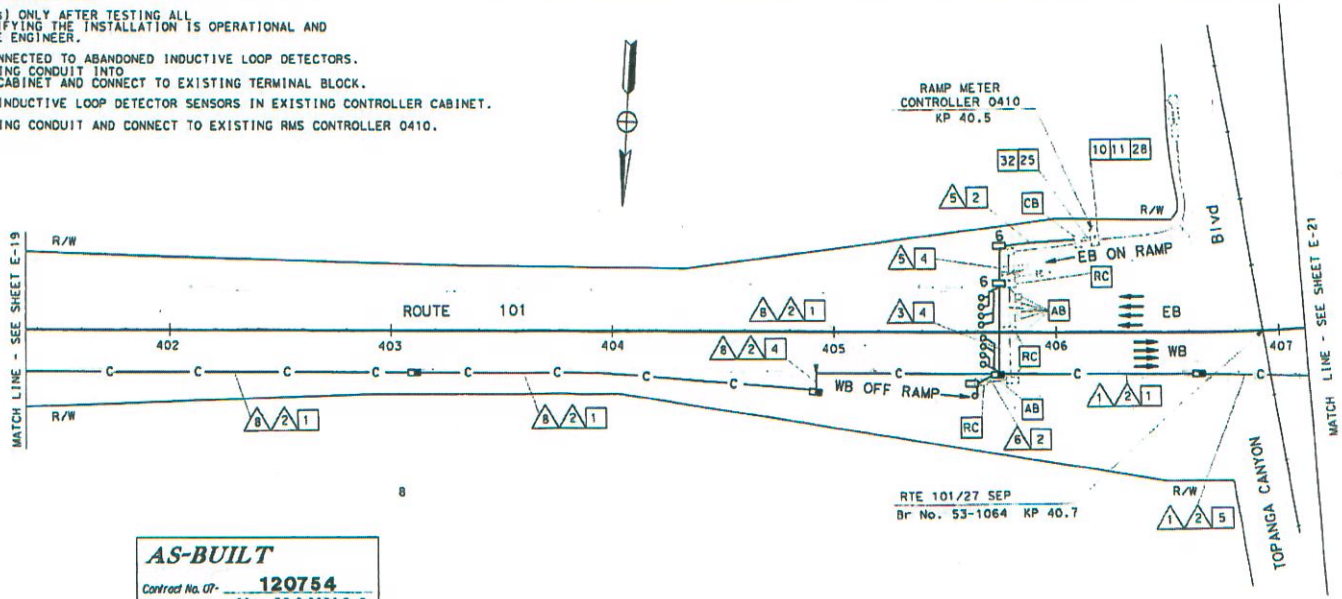
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
ITS DEVELOPMENT

PROJECT NOTES: (THIS SHEET ONLY)

1. INSTALL CONDUIT(S) IN TRENCH IN PAVED SHOULDER. MAINTAIN A MINIMUM DISTANCE OF 1.2 m FROM EDGE OF TRAVELED WAY. SEE SHEET E-43 FOR DETAILS.
2. INSTALL CONDUIT(S) IN TRENCH IN SOIL OFF OF THE SHOULDER. SEE SHEET E-42 FOR DETAILS.
4. JACK TYPE 1 CONDUIT(S) UNDER ROADWAY. SEE SHEET E-44 FOR DETAILS.
5. INSTALL FIBERGLASS REINFORCED EPOXY (FRE) CONDUIT(S) ON STRUCTURE. SEE STRUCTURE SHEETS FOR DETAILS.
10. INSTALL FDU AND FIBER OPTIC DATA MODEM IN EXISTING CONTROLLER CABINET. SEE SHEETS E-49 AND E-51 FOR DETAILS.
11. DISCONNECT EXISTING dlc(s) ONLY AFTER TESTING ALL INSTALLED EQUIPMENT, VERIFYING THE INSTALLATION IS OPERATIONAL AND GETTING APPROVAL FROM THE ENGINEER.
25. IDENTIFY AND RC dlc CONNECTED TO ABANDONED INDUCTIVE LOOP DETECTORS. ADD DLC(S) THROUGH EXISTING CONDUIT INTO THE EXISTING CONTROLLER CABINET AND CONNECT TO EXISTING TERMINAL BLOCK.
28. INSTALL STATE-FURNISHED INDUCTIVE LOOP DETECTOR SENSORS IN EXISTING CONTROLLER CABINET.
32. ADD 1-12 SMFO INTO EXISTING CONDUIT AND CONNECT TO EXISTING RMS CONTROLLER 0410.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 1				2	3		5		6	8			
48SMFO CABLE	DATA/VOICE	1										1			
12SMFO CABLE	DATA/VOICE			1			1		1						
48SMFO CABLE	VIDEO/DATA		1										1		
48SMFO CABLE	SH VIDEO/VOICE			1										1	
DLC	RAMP/COUNT						5		9		1				
INNERDUCT (SIZE 25)		1	1	1	1							1	1	1	1
INNERDUCT (SIZE 32)								1		1					
CONDUIT SIZE		103				103	78		78		53	103			



AS-BUILT
Contract No. 07- 120754
Resident Engineer: H. MANNAA
Completion Date: 6/17/05

COMMUNICATIONS SYSTEM ROUTING
MODIFY RAMP METER SYSTEM
(LOCATION 0410)

SCALE 1:1000

E-20

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.
FOR LEGEND AND PROJECT NOTES SEE SHEETS E-1 AND E-2.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

CU 07388

EA 120751

00-00-00

07	LA	101	R27.8/R40.6	84	178

3/20/03

4-7-03

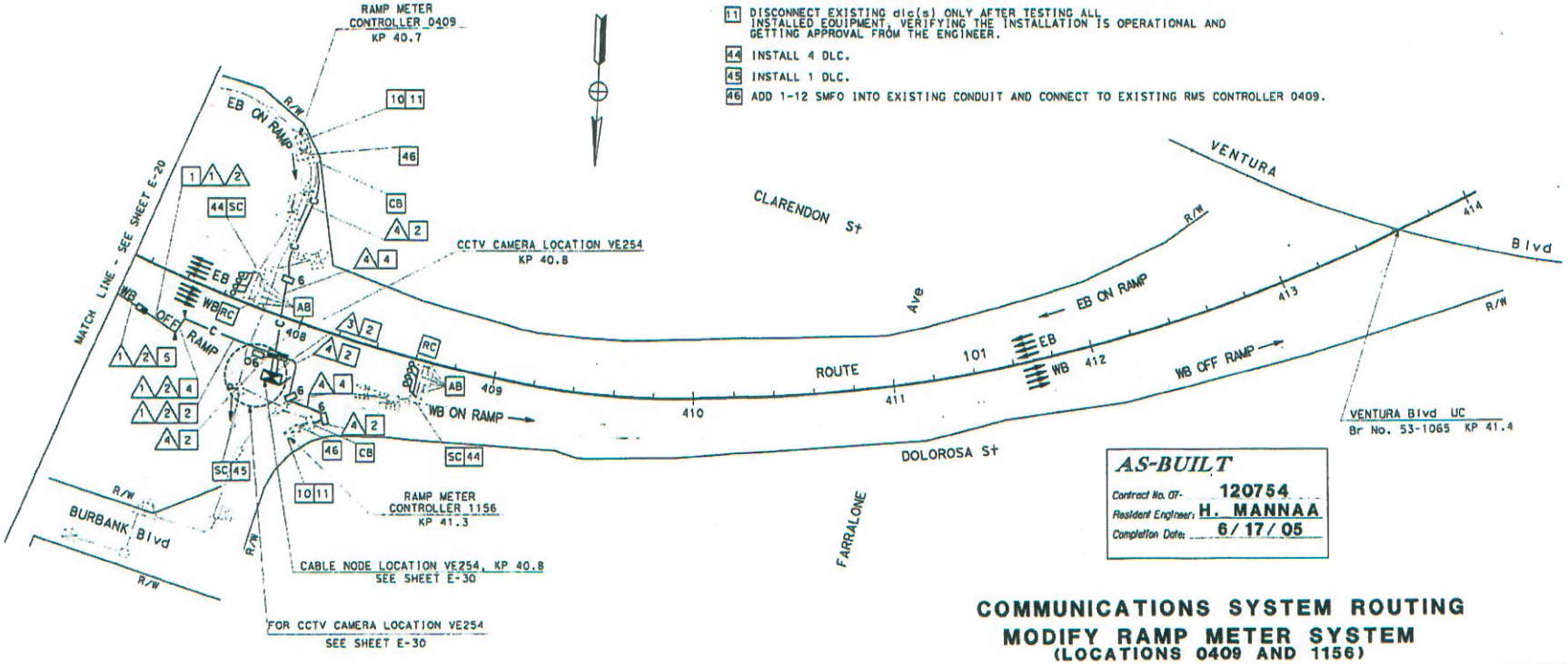
JACQUELINE C. TAM No. E015611 12/31/05 ELECTRICAL

Caltrans Metric

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)								
CONDUCTOR TYPE	FUNCTION	RUN 1			2	3		4
48SMFO CABLE	DATA/VOICE	1				1		
12SMFO CABLE	DATA/VOICE			1		2		1
48SMFO CABLE	VIDEO/DATA		1				1	
48SMFO CABLE	SM VIDEO/VOICE			1			1	
INNERDUCT (SIZE 25)		1	1	1	1			
CONDUIT SIZE		103			103	78	78	53

PROJECT NOTES: (THIS SHEET ONLY)

1. INSTALL CONDUIT(S) IN TRENCH IN PAVED SHOULDER. MAINTAIN A MINIMUM DISTANCE OF 1.2 m FROM EDGE OF TRAVELED WAY. SEE SHEET E-43 FOR DETAILS.
2. INSTALL CONDUIT(S) IN TRENCH IN SOIL OFF OF THE SHOULDER. SEE SHEET E-42 FOR DETAILS.
4. JACK TYPE 1 CONDUIT(S) UNDER ROADWAY. SEE SHEET E-44 FOR DETAILS.
5. INSTALL FIBERGLASS REINFORCED EPOXY (FRE) CONDUIT(S) ON STRUCTURE. SEE STRUCTURE SHEETS FOR DETAILS.
10. INSTALL FOU AND FIBER OPTIC DATA MODEM IN EXISTING CONTROLLER CABINET. SEE SHEETS E-49 AND E-51 FOR DETAILS.
11. DISCONNECT EXISTING dlc(s) ONLY AFTER TESTING ALL INSTALLED EQUIPMENT, VERIFYING THE INSTALLATION IS OPERATIONAL AND GETTING APPROVAL FROM THE ENGINEER.
44. INSTALL 4 DLC.
45. INSTALL 1 DLC.
46. ADD 1-12 SMFO INTO EXISTING CONDUIT AND CONNECT TO EXISTING RMS CONTROLLER 0409.



AS-BUILT
Contract No. 07- 120754
Resident Engineer: H. MANNAA
Completion Date: 6/17/05

COMMUNICATIONS SYSTEM ROUTING
MODIFY RAMP METER SYSTEM (LOCATIONS 0409 AND 1156)

SCALE 1:1000

E-21

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY. FOR LEGEND AND PROJECT NOTES SEE SHEETS E-1 AND E-2.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

CU 07388 | EA 120751

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
ITS DEVELOPMENT
PROJECT ENGINEER: HENRY H. TRINH
CALCULATED/DESIGNED BY: HT
CHECKED BY: DL
DATE REVISED BY: 7/02 CS
7/02 DATE REVISED 7/02

00-00-00 DATE PLOTTED

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA,Ven	23,101	Var	66	160

REGISTERED ELECTRICAL ENGINEER

6-27-05

PLANS APPROVAL DATE

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

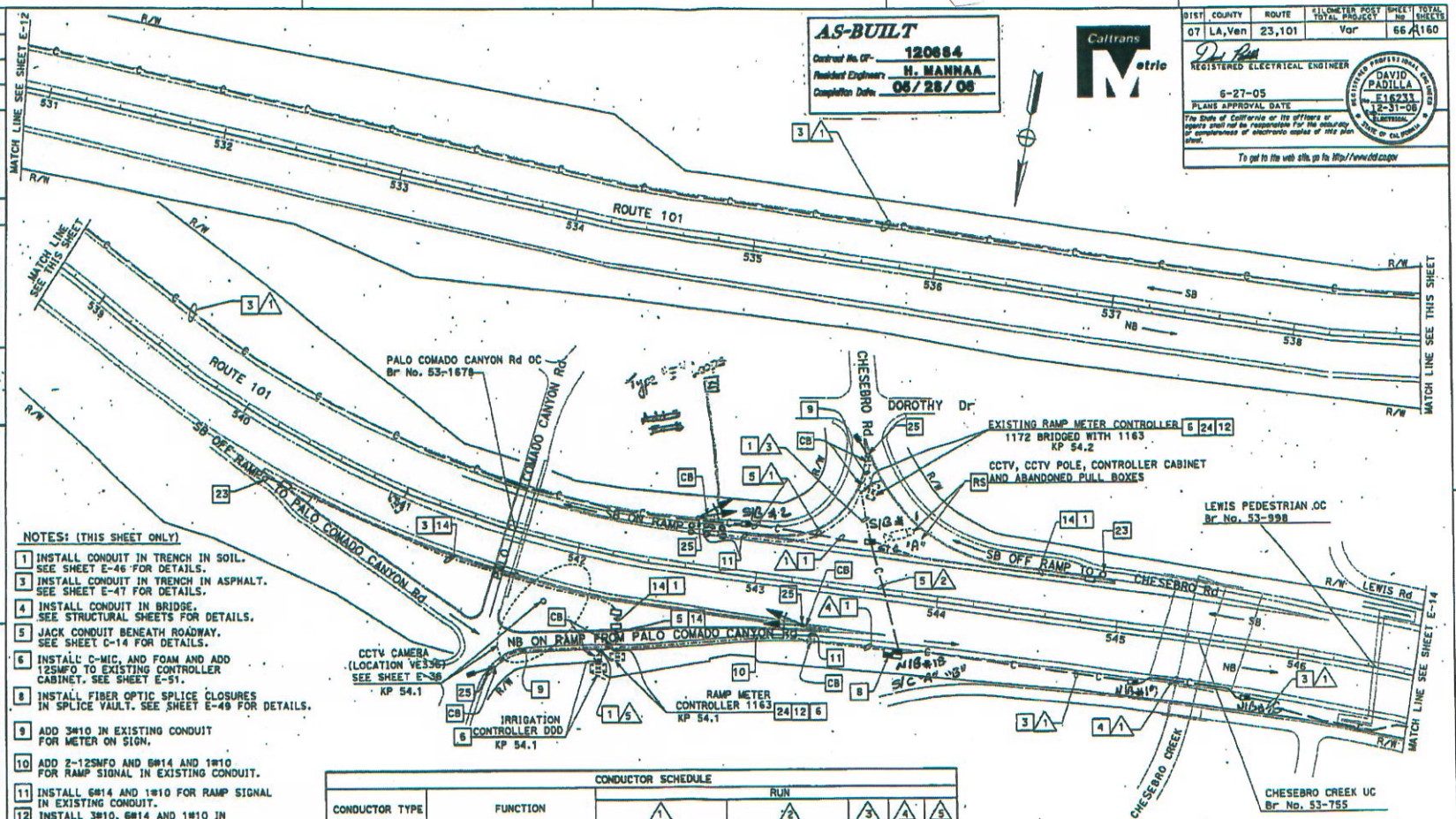
AS-BUILT

Contract No. 07- 120684

Resident Engineer: H. MANNAA

Completion Date: 05/28/06

Caltrans Metric



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 BRIDGE. SEE STRUCTURAL SHEETS FOR DETAILS.
5. JACK CONDUIT BENEATH ROADWAY. SEE SHEET C-14 FOR DETAILS.
6. INSTALL C-MIC, AND FOAM AND ADD 12SMFO TO EXISTING CONTROLLER CABINET. SEE SHEET E-51.
8. INSTALL FIBER OPTIC SPLICE CLOSURES IN SPLICE VAULT. SEE SHEET E-49 FOR DETAILS.
9. ADD 3#10 IN EXISTING CONDUIT FOR METER ON SIGN.
10. ADD 2-12SMFO AND 6#14 AND 1#10 FOR RAMP SIGNAL IN EXISTING CONDUIT.
11. INSTALL 6#14 AND 1#10 FOR RAMP SIGNAL IN EXISTING CONDUIT.
12. INSTALL 3#10, 6#14 AND 1#10 IN EXISTING CONDUIT.
14. INSTALL 53C, 1 DLC.
23. INSTALL TYPE E LOOP DETECTORS. SEE SHEET E-52 FOR LOOP DETECTOR INSTALLATION DETAILS.
24. ADD 1 DLC IN EXISTING CONDUIT AND INSTALL STATE-FURNISHED DETECTOR SENSORS IN CONTROLLER CABINET.
25. SEE SHEET E-52.

CONDUCTOR SCHEDULE

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

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

COMMUNICATION SYSTEM ROUTING

SCALE 1:1000

E-13

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

ITS DESIGN

PROJECT ENGINEER: DAVID PADILLA

CALCULATED/DESIGNED BY: DAVID PADILLA

CHECKED BY: DAVID PADILLA

DATE REVISED: 6/05

DATE REVISED: 6/05

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => tranguye
DGN FILE => 712088uco13.dgn

CU 07388

EA 120881

LAST REVISION 00-00-00

DATE PLOTTED => 25-JUN-2005
TIME PLOTTED => 10:58

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	170	R14.6/R20.5	27	50

Kenneth D. Campe 7/29/94
REGISTERED ELECTRICAL ENGINEER

12-27-94
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — KENNETH D. CAMPE — No. E012917 — Exp. 3/31/97 — ELECTRICAL — STATE OF CALIFORNIA

DKS ASSOCIATES
1055 WEST SEVENTH ST., SUITE 2850
LOS ANGELES, CA 90017

IN ASSOCIATION WITH:

KDC ARCHITECTS • ENGINEERS
1055 WEST SEVENTH ST., SUITE 2890
LOS ANGELES, CA 90017

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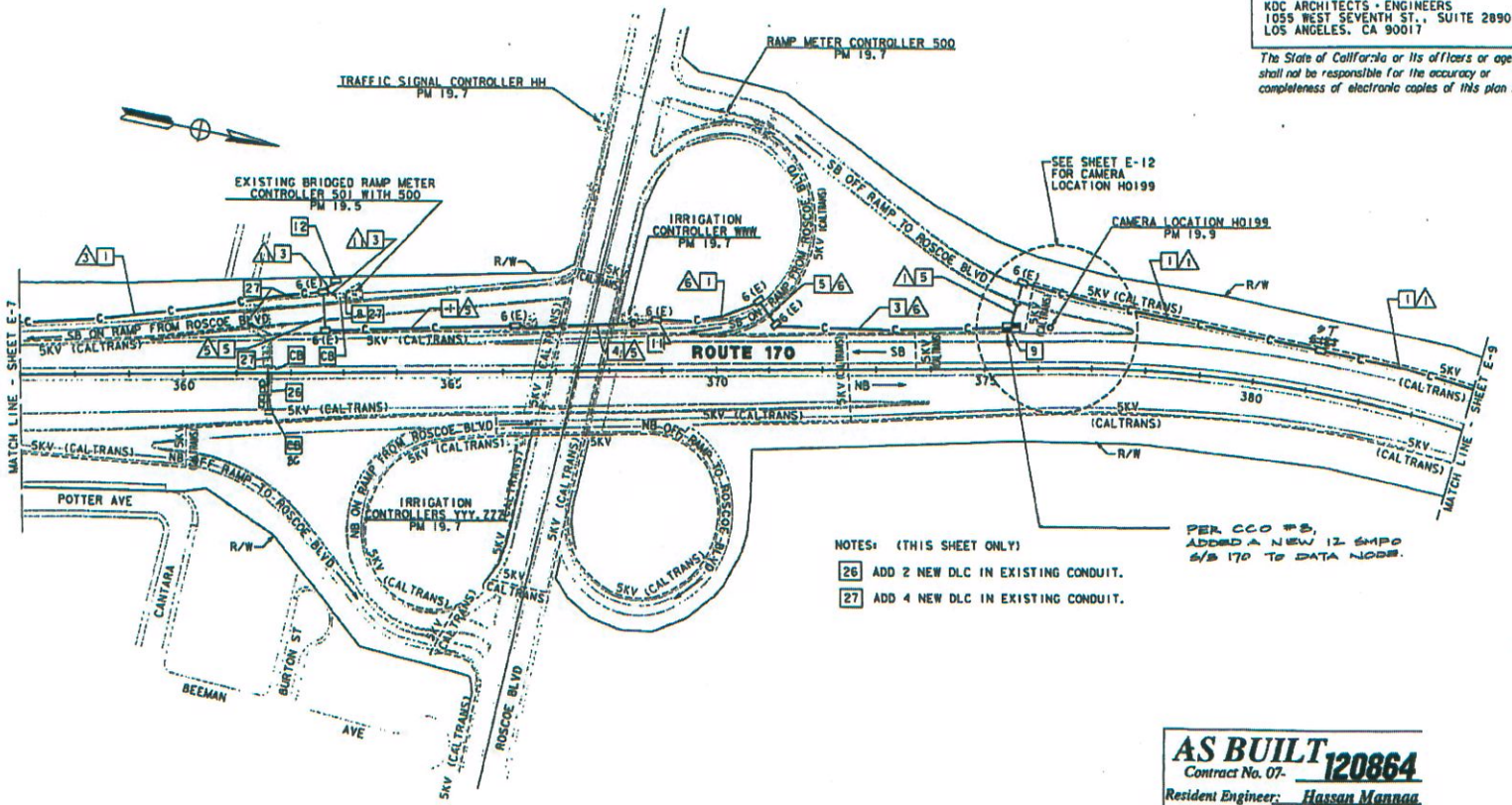
CONDUCTOR SCHEDULE							
CONDUCTOR TYPE	FUNCTION	RUN					
		1	3	5	6	1	
75P22 CABLE	COMMUNICATION DATA	1	1	1	1		
6P22 CABLE	CONTROLLER DATA			2	3		
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION					1	
24SMFO	NODE TO HUB TRUNK LINE			1		1	
	INNERDUCT	1¼ 1¼	1¼ 1¼	1¼ 1¼	1¼ 1¼		
	CONDUIT SIZE	4"	4"	4"	4"	2"	

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.



NOTES: (THIS SHEET ONLY)

26 ADD 2 NEW DLC IN EXISTING CONDUIT.

27 ADD 4 NEW DLC IN EXISTING CONDUIT.

PER CCO #8, ADDED A NEW 12 SMFO S/B 170 TO DATA NODE.

AS BUILT Contract No. 07-120864
Resident Engineer: Hassan Mannaa
Completion Date: April 16, 1998

CCTV AND COMMUNICATIONS SYSTEM ROUTING AND LOOP DETECTOR

SCALE: 1" = 100'

E-8

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans

DESIGN OVERSIGHT: PAT SULLIVAN

CALCULATED/ DESIGNED BY	CHECKED BY	DATE REVISED	REVISED BY
RL	CF	4/94	JKB 11/94

TIME PLOTTED => 07-JAN-1995 08:15
LAST REVISED 00-00-00

FORM DC-OE-92-PF (REV. 3/88)

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

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DGN FILE => /usr/jlmt/PO/712086u08.dgn

CU 07374

EA 120861

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	405	31.0/48.6	57	129

Kenneth D. Camp 6/23/94
REGISTERED ELECTRICAL ENGINEER

1-3-95
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER KENNETH D. CAMP No. E012917 Exp. 3/31/97 ELECTRICAL STATE OF CALIFORNIA

DKS ASSOCIATES
1055 WEST SEVENTH ST.,
SUITE 2850
LOS ANGELES, CA 90017

IN ASSOCIATION WITH:

KDC ARCHITECTS · ENGINEERS
1055 WEST SEVENTH ST., SUITE 2890
LOS ANGELES, CA 90017

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PROJECT NOTES: (THIS SHEET ONLY)

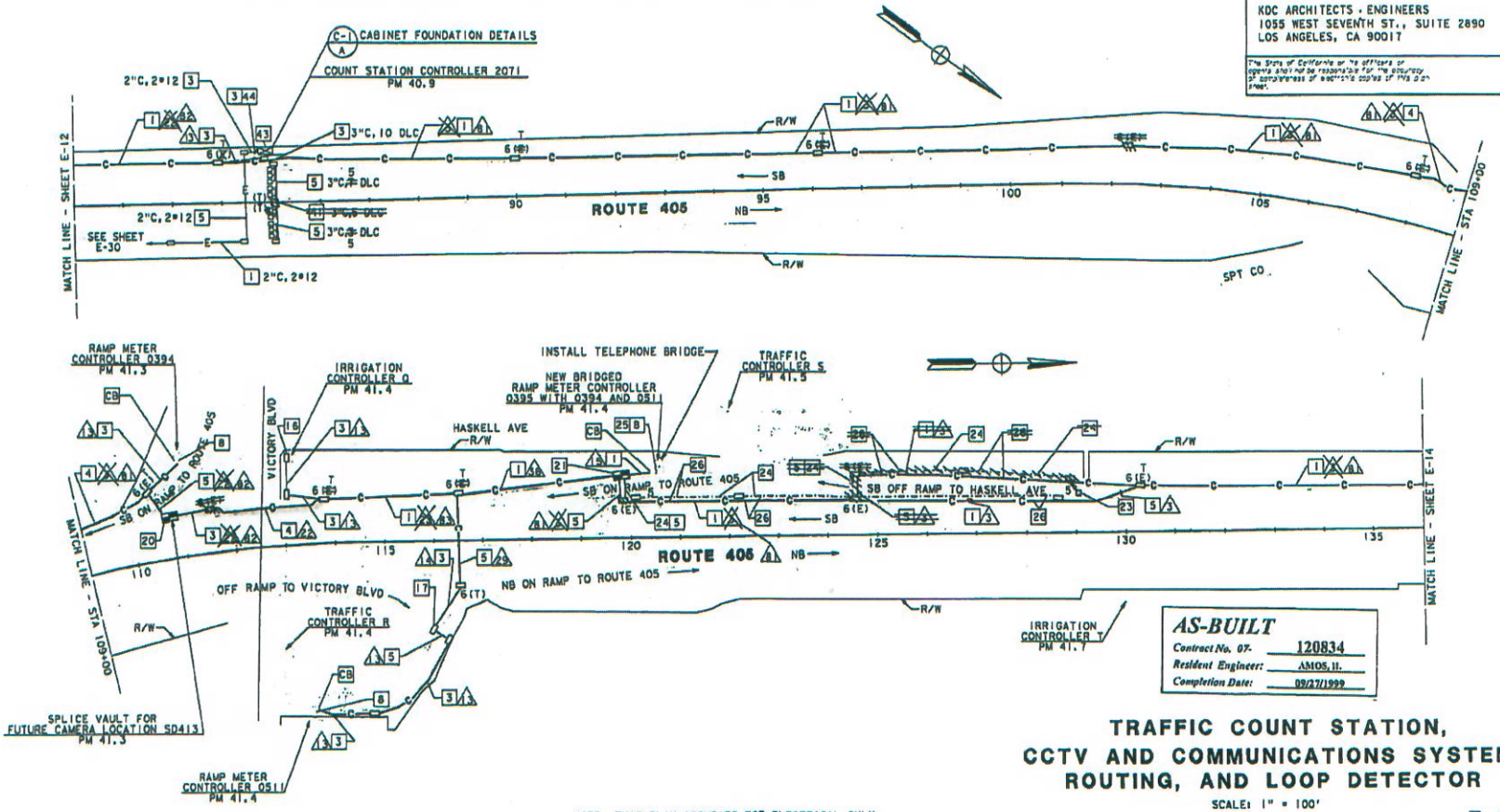
~~41 SEE SHEET E-46 FOR CONDUIT BENEATH MEDIAN BARRIER DETAILS.~~

43 INSTALL STATE-FURNISHED TYPE 334 CABINET ON A NEW FOUNDATION. CABINET TO INCLUDE STATE-FURNISHED 170 CONTROLLER ASSEMBLY.

44 INSTALL 2"C, 6P22 COMMUNICATION CABLE AND CONNECT CABLE TO TERMINAL BLOCK INSIDE THE TYPE 334 CABINET.

CONDUCTOR SCHEDULE

CONDUCTOR TYPE	FUNCTION	RUN 25	81	13	14	15	22	82	23	83	26	84	29	86	85
75P22 CABLE	COMMUNICATION DATA	1					1		1		1			1	
6P22 CABLE	CONTROLLER DATA			1	2	3	1		2		3		2	4	
36Z4SMFO	DATA /VIDEO NODE HUB TRUNK	1					1		1		1			1	
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION	1					1		1		1			1	
DLC	COUNT DETECTOR				1										
	INNERDUCT	1/4"	1/4"				1/4"	1/4"	1/4"	1/4"	1/4"	1/4"		1/4"	1/4"
	CONDUIT SIZE	4"		2"	2"	2"	4"		4"		4"		4"	4"	



AS-BUILT
Contract No. 07- 120834
Resident Engineer: AMOS, H.
Completion Date: 09/27/1999

TRAFFIC COUNT STATION, CCTV AND COMMUNICATIONS SYSTEM ROUTING, AND LOOP DETECTOR

SCALE: 1" = 100'

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

E-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: PAT SULLIVAN
CALCULATED/DESIGNED BY: RL DATE 10/93
CHECKED BY: RS DATE REVISED 10/94
REVISED BY: MZ

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

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DGN FILE => $$$$$$$$$$DGNSPEC$$$$$$$$$$

CU 07374 | EA 120831

TIME PLOTTED => $$$$$$SYTIME$$$$$$

LAST REVISION 00-00-00

FORM DC-DE-92-PF (REV. 3/88)

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	405	31.0/48.6	63	129

Kenneth D. Camp 6/23/94
REGISTERED ELECTRICAL ENGINEER

1-3-95
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER KENNETH D. CAMP No. E012917 Exp. 3/31/97 ELECTRICAL STATE OF CALIFORNIA

DKS ASSOCIATES
1055 WEST SEVENTH ST., SUITE 2850
LOS ANGELES, CA 90017

IN ASSOCIATION WITH:

KDC ARCHITECTS • ENGINEERS
1055 WEST SEVENTH ST., SUITE 2890
LOS ANGELES, CA 90017

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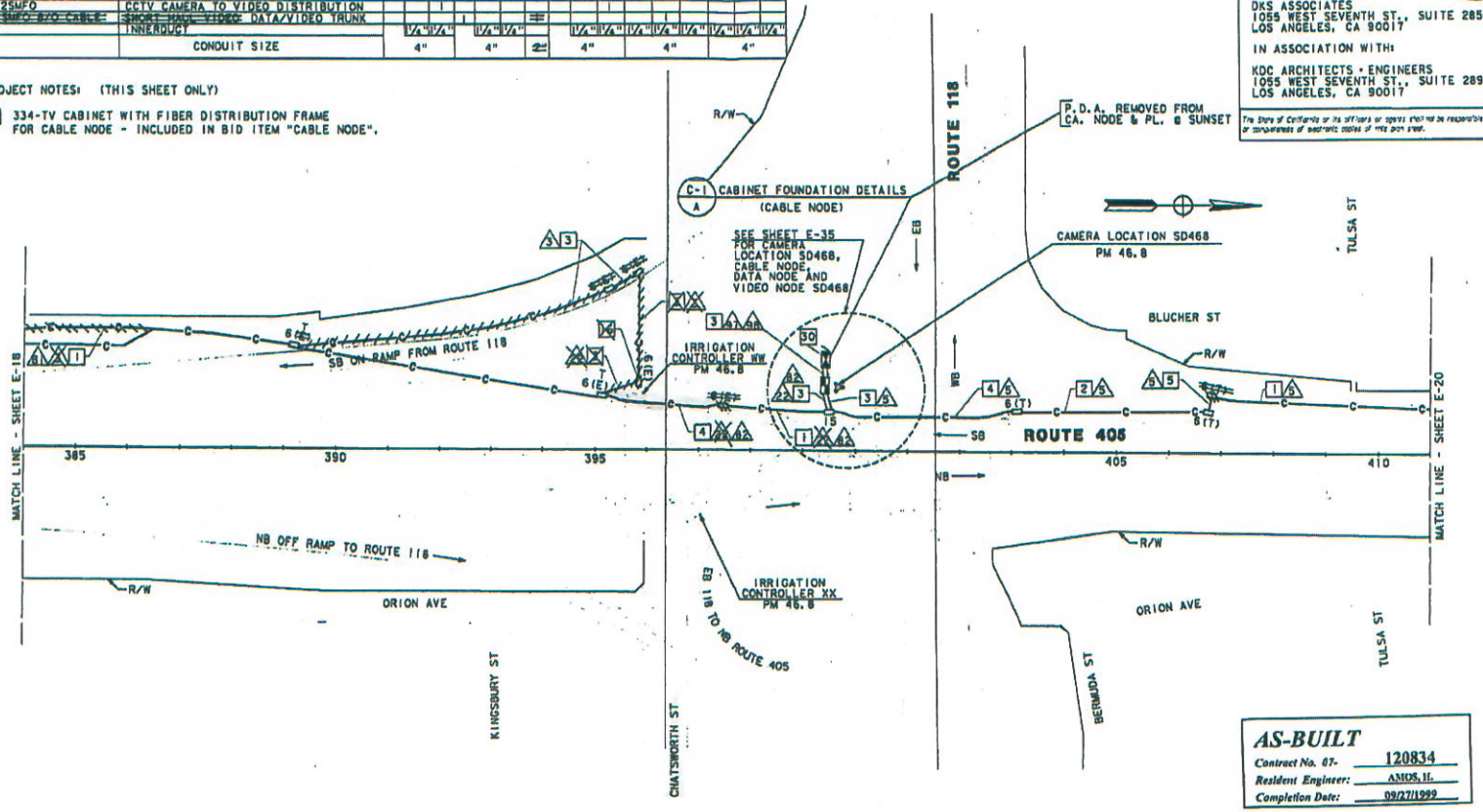
CONDUCTOR SCHEDULE

CONDUCTOR TYPE	FUNCTION	RUN 5	61	5	76	76	82	97	98
50P22 CABLE	COMMUNICATION DATA			1					
75P22 CABLE	COMMUNICATION DATA	1				1			
6P22 CABLE	CONTROLLER DATA				=	1			
~~24SMFO~~ 36SMFO	DATA/VIDEO NODE TO HUB TRUNK		1				1		
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION		1				1		
24SMFO ~~2SMFO 8/0 CABLE~~	~~SHORT HAUL VIDEO~~ DATA/VIDEO TRUNK			1	=				
	INNERDUCT	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"
	CONDUIT SIZE	4"		4"	2"	4"		4"	4"

PROJECT NOTES: (THIS SHEET ONLY)

30 334-TV CABINET WITH FIBER DISTRIBUTION FRAME FOR CABLE NODE - INCLUDED IN BID ITEM "CABLE NODE".



AS-BUILT
Contract No. 07- 120834
Resident Engineer: AMOS, H.
Completion Date: 09/27/1999

CCTV AND COMMUNICATIONS SYSTEM ROUTING

SCALE: 1" = 100'

E-19

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT: PAT SULLIVAN
CALCULATED/DESIGNED BY: RL DATE 10/93
CHECKED BY: RS 12/93
REVISED BY
DATE REVISED

FORM DC-DE-92-PF (REV. 3/88)
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3
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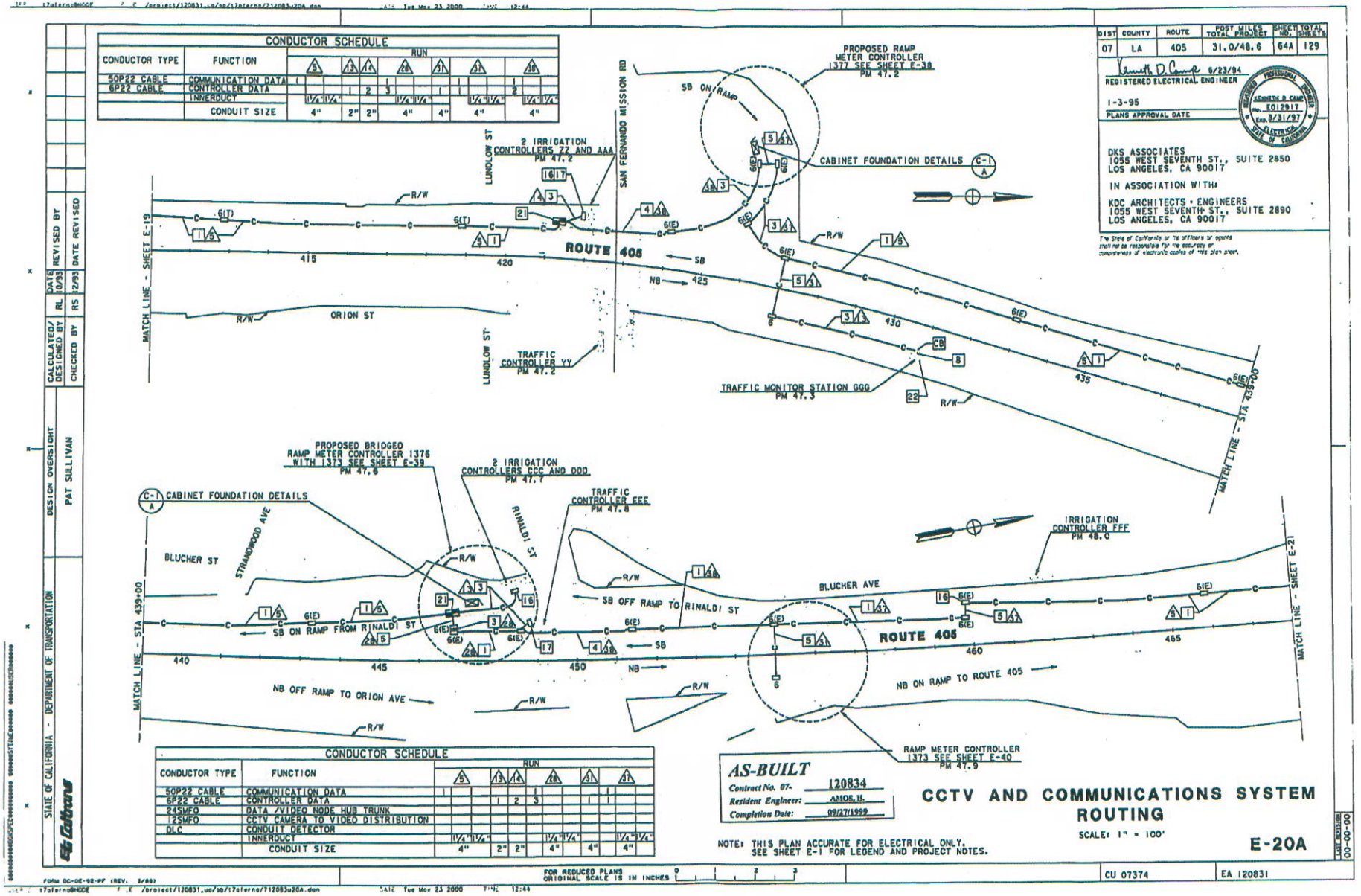
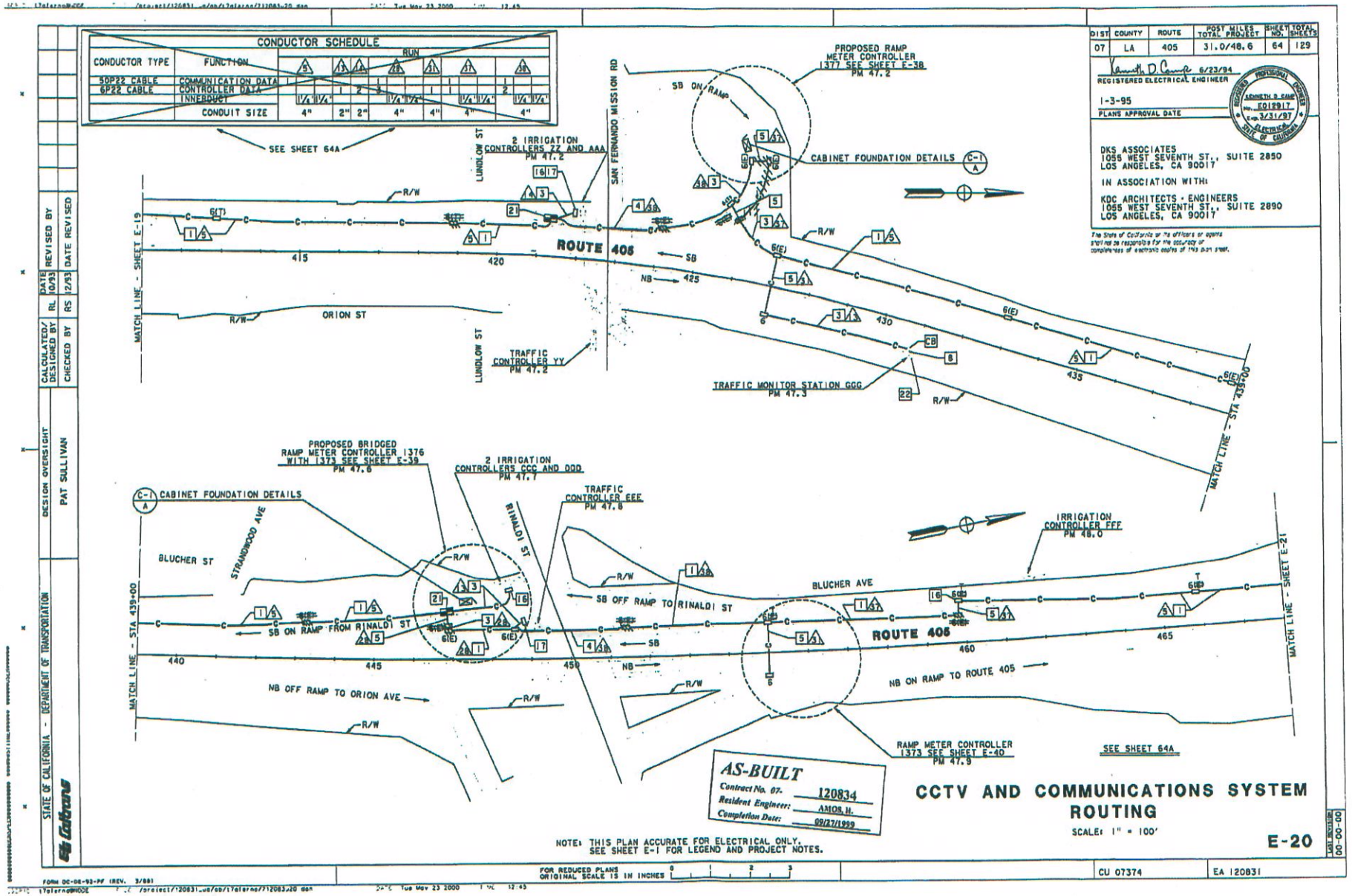
DGN FILE => $$$$$$$$$$DGNSPEC$$$$$$$$$$
CU 07374
EA 120831
TIME PLOTTED -> $$$$$$SYTIME$$$$$$
LAST REVISION 00-00-00


CONDUCTOR SCHEDULE
CONDUCTOR TYPE
FUNCTION
RUN
50P22 CABLE
6P22 CABLE
COMMUNICATION DATA
CONTROLLER DATA
INNERDUCT
CONDUIT SIZE
4"
2"
2"
4"
4"
4"
4"
PROPOSED RAMP METER CONTROLLER 1377 SEE SHEET E-38 PM 47.2
SB ON RAMP
CABINET FOUNDATION DETAILS
2 IRRIGATION CONTROLLERS ZZ AND AAA PM 47.2
LUTHMOLOW ST
SAN FERNANDO MISSION RD
R/W
ROUTE 405
SB
NB
ORION ST
TRAFFIC CONTROLLER YY PM 47.2
TRAFFIC MONITOR STATION GGG PM 47.3
MATCH LINE - SHEET E-19
MATCH LINE - STA 435+00
PROPOSED BRIDGED RAMP METER CONTROLLER 1376 WITH 1373 SEE SHEET E-39 PM 47.6
2 IRRIGATION CONTROLLERS CCC AND DDD PM 47.7
TRAFFIC CONTROLLER EEE PM 47.8
IRRIGATION CONTROLLER FFF PM 48.0
BLUCHER ST
STRANDWOOD AVE
RINALDI ST
BLUCHER AVE
SB OFF RAMP TO RINALDI ST
SB ON RAMP FROM RINALDI ST
NB OFF RAMP TO ORION AVE
NB ON RAMP TO ROUTE 405
RAMP METER CONTROLLER 1373 SEE SHEET E-40 PM 47.9
MATCH LINE - STA 439+00
MATCH LINE - SHEET E-21
CONDUCTOR SCHEDULE
50P22 CABLE
6P22 CABLE
245MFO
125MFO
DLC
COMMUNICATION DATA
CONTROLLER DATA
DATA /VIDEO NODE HUB TRUNK
CCTV CAMERA TO VIDEO DISTRIBUTION
CONDUIT DETECTOR
INNERDUCT
CONDUIT SIZE
AS-BUILT
Contract No. 07- 120834
Resident Engineer: AMOS, H.
Completion Date: 09/27/1999
CCTV AND COMMUNICATIONS SYSTEM ROUTING
SCALE: 1" = 100'
E-20A
NOTE: THIS PLAN ACCURATE FOR ELECTRICAL ONLY. SEE SHEET E-1 FOR LEGEND AND PROJECT NOTES.
DIST 07
COUNTY LA
ROUTE 405
POST MILES TOTAL PROJECT 31.0/48.6
SHEET NO. 64A
TOTAL SHEETS 129
REGISTERED ELECTRICAL ENGINEER
6/23/94
1-3-95
PLANS APPROVAL DATE
KENNETH R CAMP
No. E012917
Exp. 3/31/97
ELECTRICAL
STATE OF CALIFORNIA
DKS ASSOCIATES
1055 WEST SEVENTH ST., SUITE 2850
LOS ANGELES, CA 90017
IN ASSOCIATION WITH:
KDC ARCHITECTS • ENGINEERS
1055 WEST SEVENTH ST., SUITE 2890
LOS ANGELES, CA 90017
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.
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN OVERSIGHT
PAT SULLIVAN
CALCULATED/DESIGNED BY
CHECKED BY
DATE REVISED BY
10/93 RL
12/93 RS
DATE REVISED
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES
CU 07374
EA 120831



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	405	31.0/48.6	64	129

Kenneth D Camp 6/23/94
REGISTERED ELECTRICAL ENGINEER

1-3-95
PLANS APPROVAL DATE

KENNETH D CAMP No. E012917 Exp. 3/31/97 REGISTERED PROFESSIONAL ENGINEER ELECTRICAL STATE OF CALIFORNIA

DKS ASSOCIATES
1055 WEST SEVENTH ST., SUITE 2850
LOS ANGELES, CA 90017

IN ASSOCIATION WITH:

KDC ARCHITECTS + ENGINEERS
1055 WEST SEVENTH ST., SUITE 2890
LOS ANGELES, CA 90017

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DATE	REVISED BY	DATE	REVISED
RL	10/93	RS	12/93

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
PAT SULLIVAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

CU 07374 | EA 120831

LAST REVISION 00-00-00

FORM DC-06-93-PF (REV. 3/88)

Los Angeles County
Department of Regional Planning

Planning for the Challenges Ahead

Richard J. Bruckner
Director

January 6, 2015

David Lewis
Associate Environmental Planner
California Department of Transportation
District 7, Division of Environmental Planning
100 South Main Street
Los Angeles, CA 90012

REGARDING: PROJECT NO. R2014-03293-(3)
COASTAL DEVELOPMENT PERMIT EXEMPTION NO. RCDP 2014-00007
ADJACENT TO APN 4448-004-901

The Department of Regional Planning has determined that the above-referenced project is exempt from the requirements of the Santa Monica Mountains Local Implementation Program (LIP).

Pursuant to the LIP, the proposed project consists of:

> Caltrans' treatment of the Topanga Creek bridge (post mile 2.02 on Los Angeles Route 27) deck surface with methacrylate. All of the work will occur in the existing Caltrans right of way. The methacrylate will be mixed at a designated mixing station at the bridge site, transported in buckets and placed on the existing bridge deck surface. The bridge deck will be coated and material will be spread using standard squeegees, or brooms and continuously worked over the deck surface for proper coverage. Caltrans Standard Specification 10-1 Polyester Conrete Overlay will be applied for this project. All of the proposed work will occur on the bridge deck surface, and there will be no impacts to the creek or to the habitat adjacent to the bridge.

This proposed project qualifies for the following exemption: the proposed development is a repair or maintenance activity that does not result in an addition to or enlargement or expansion of the object of such activities pursuant to LIP Section 22.44.820 (A.3), and pursuant to the Coastal Commission's 1978 document entitled Repair, Maintenance and Utility Hook-up Exclusions from Permit Requirements.

The project has also been analyzed for consistency with the required provisions of Title 22.

The applicant, other interested person, or the County of Los Angeles may challenge the Director's determination with the California Coastal Commission. The challenge period for this project will end at 5:00 p.m. on **January 20, 2015 – 14 days from date of this letter.**

Determination Challenge: **To file a challenge, please contact:**
Department of Regional Planning
320 W. Temple Street, 13th Floor
Los Angeles, CA 90012
Attention: Joshua Huntington, AICP

Please be advised that the proposed project described herein is exempt from the requirements of the LIP. If the proposed project changes, or the information used for this determination is found to be incorrect or incomplete, this exemption may become invalid, and any development occurring at that time must cease until a new exemption is issued or a coastal development permit is obtained.

For questions or for additional information, please contact Joshua Huntington of the Zoning Permits West Section at (213) 974-6462, or by email at jhuntington@planning.lacounty.gov. Our office hours are Monday through Thursday, 7:30 a.m. to 5:30 p.m. We are closed on Fridays.

Sincerely,
DEPARTMENT OF REGIONAL PLANNING
Richard J. Bruckner

Mi Kim, Supervising Regional Planner
Zoning Permits West Section

MK:JH

DESIGN PLANS

07-2W7804

TOPANGA CREEK

Br No 53-0143

EXEMPT

The provisions of the Santa Monica Mountains Local Implementation Program (LIP) shall not apply to this development project per §22.44.820. All other applicable portions of the LA County Code shall apply.

Exemption No. RCDP 2014-00007

Site Plan Review

Permit #: RCDP 2014-00007

Project #: R2014-03203-(3)

This plan is APPROVED in compliance with the Los Angeles County Zoning Code and subject to the requirements noted herein. This approval shall expire if it is not used within two years of the approval date and prior to any change in ordinance requirements. This approval shall not be construed to permit the violation of any provision of the Los Angeles County Code or State or Federal Law.

Signature: [signature]

Print: Josh Huntington

Date: 1-6-15

Expiration Date: 1-6-17

DEPT. OF REGIONAL PLANNING
APPROVED

Page 1 of 3

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	Var			

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

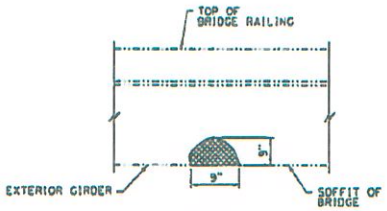
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of scanned copies of this plan sheet.

REGISTERED PROFESSIONAL ENGINEER GERALD D. JOO No. C65380 Exp. 09/30/15 CIVIL STATE OF CALIFORNIA

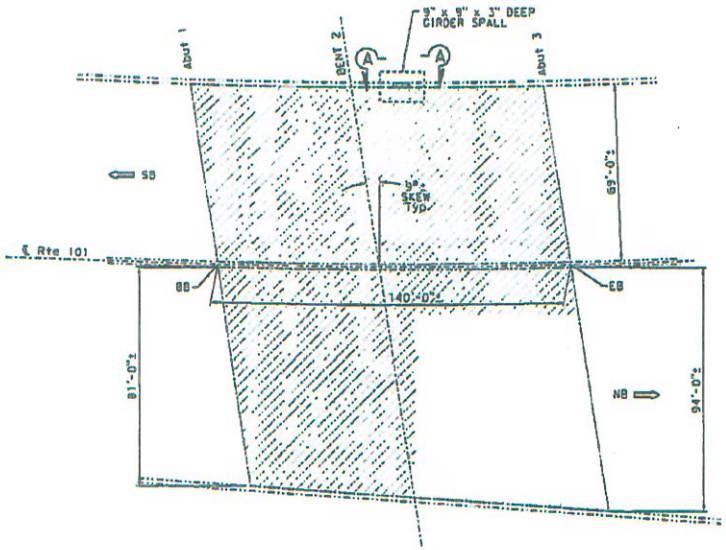
P & Q

LEGEND:

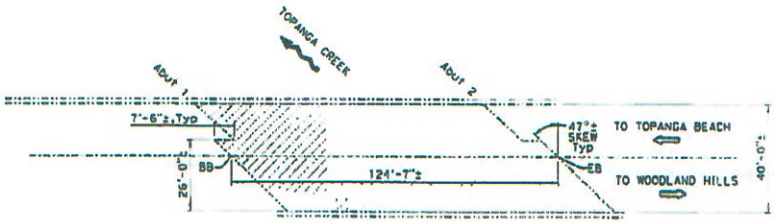
- Indicates existing.
- Indicates direction of traffic.
- Indicates limits of prepare concrete bridge deck surface and treat existing bridge deck with high molecular weight methacrylate.
- Indicates repair spalled surface area. See "SPALLED SURFACE AREA DETAIL" on "MISCELLANEOUS DETAILS NO. 2" sheet.



VIEW A-A
NO SCALE



ROUTE 101/27 SEPARATION
Br No. 53-1064, Rte 101, PM 25.34
NO SCALE



TOPANGA CREEK
Br No. 53-0143, Rte 27, PM 2.02
NO SCALE

DEPT. OF REGIONAL PLANNING
APPROVED
Page 2 of 3

NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Tony Brake DESIGN ENGINEER	DESIGN	BY G. Joo	CHECKED E. Li	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		
	DETAILS	BY T. Dang	CHECKED G. Joo	LAYOUT	BY T. Dang	CHECKED G. Joo	
	QUANTITIES	BY G. Joo	CHECKED E. Li	SPECIFICATIONS	BY XXX	CHECKED G. Joo	

STRUCTURES MAINTENANCE GENERAL PLAN SHEET GENERIC (REV. 08-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. Various
POST MILE Varies

ROUTE 2,27,101,170,210,405,710 BRIDGES
GENERAL PLAN NO. 4

UNIT: 3489
PROJECT NUMBER & PHASE: 07-3000447-1
CONTRACT NO.: 07-2W7804

DISREGARD PRINTS BEARING EARLIER REVISION DATES

SHEET 04 OF 12

FILE => GREQUEST

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	Var			

REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

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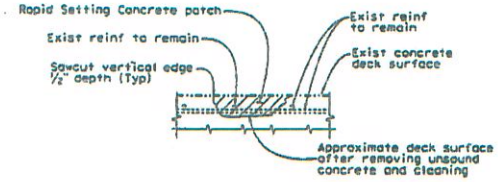
REGISTERED PROFESSIONAL ENGINEER GERALD B. JOO No. C65380 Exp. 09/30/15 CIVIL STATE OF CALIFORNIA

P&Q

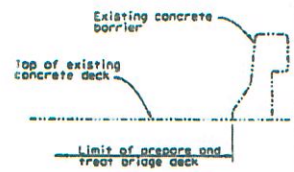


DECK DAMAGE REPAIR DETAIL

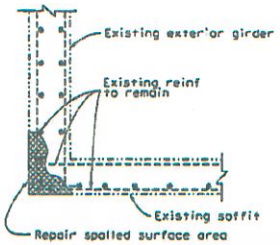
Location will be determined by the Engineer. Reinforcement may be encountered during deck concrete removal and is to remain undamaged.

DECK AND SPALL REPAIR NOTES:

1. Existing reinforcement shall be protected in place during unsound concrete removal and patching operations.
2. It is responsibility of the Contractor to repair any reinforcement that is accidently cut by saw cutting operations.
3. When existing transverse reinforcement is exposed in the deck surface, saw cutting may be waived with the approval of the Engineer.
4. The saw cut depth shall not exceed ½ inch or the concrete cover over the top steel reinforcing bars, whichever is less.
5. Remove unsound Portland Cement concrete and unsound concrete patches to expose sound, hard concrete substrate. Replace original deck surface with rapid setting concrete patch.

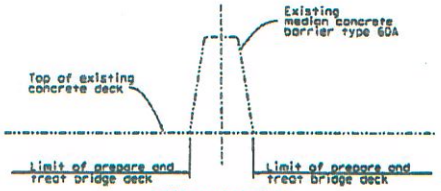


EOD BARRIER

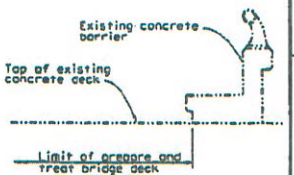


SPALLED SURFACE AREA DETAIL

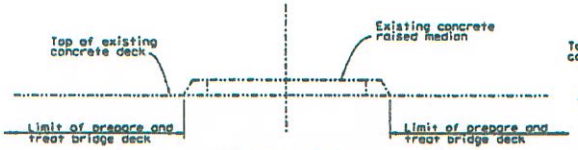
Location will be determined by the Engineer. Reinforcement may be encountered during deck concrete removal and is to remain undamaged.



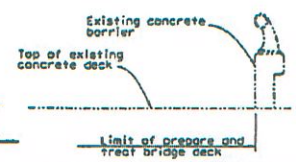
MEDIAN BARRIER



SIDEWALK BARRIER TYPE 2



RAISED MEDIAN



SIDEWALK BARRIER TYPE 1

TYPICAL LIMITS OF DECK WORK

NO SCALE

DEPT. OF REGIONAL PLANNING
APPROVED
Page 3 of 3

NOTE:
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DESIGN	BY G. Joo	CHECKED E. Li
DETAILS	BY I. Bang	CHECKED G. Joo
QUANTITIES	BY G. Joo	CHECKED E. Li

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. Various
POST MILE Varies

ROUTE 2,27,101,170,210,405,710 BRIDGES
MISCELLANEOUS DETAILS NO. 2

STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3489
PROJECT NUMBER & PHASE: 0713000447-1
CONTRACT NO.: 07-2W7804

DISREGARD PRINTS BEARING EARLIER REVISION DATES

SHEET 11 OF 12

FILE => $REQUEST