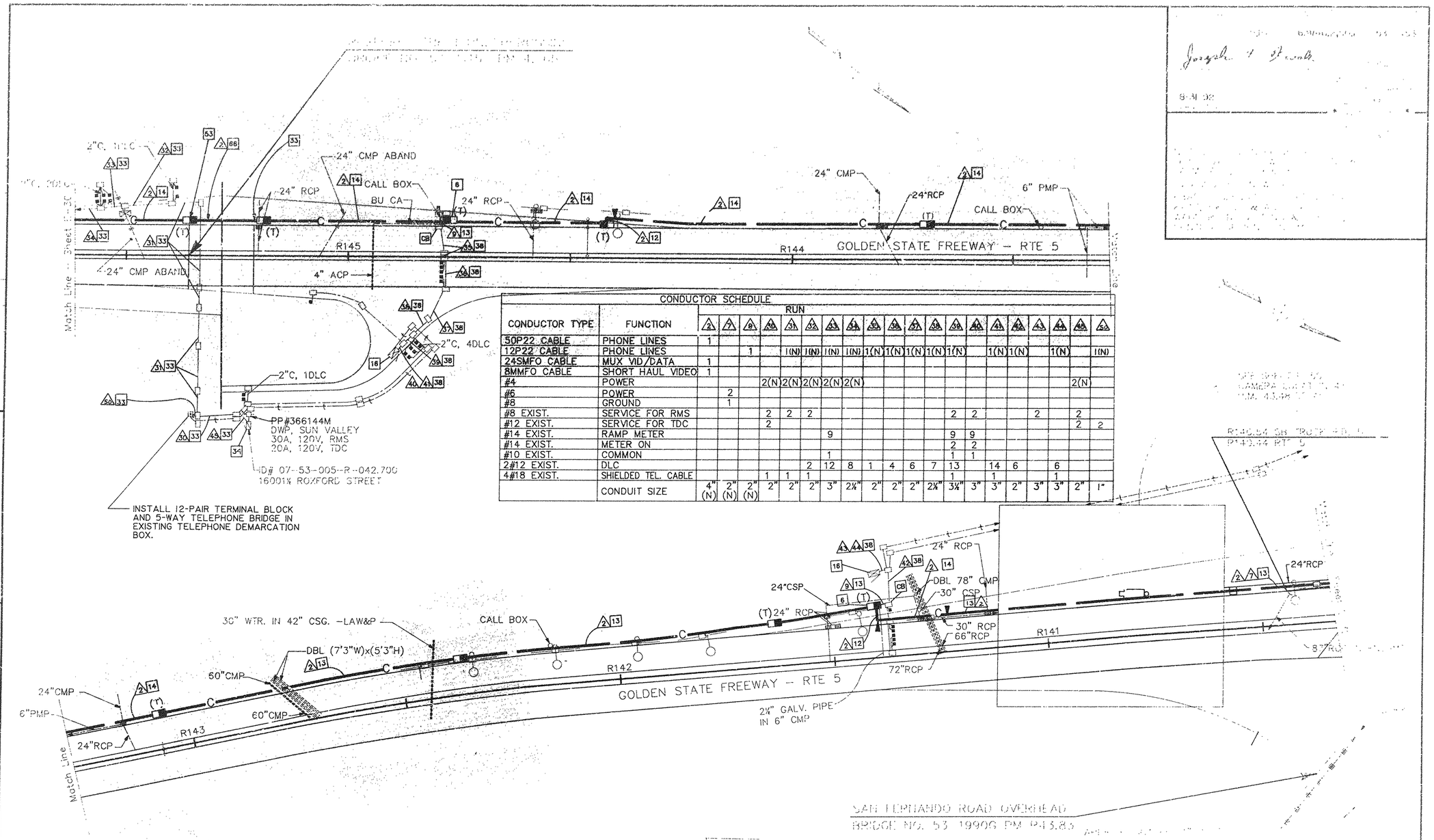
INFORMATION HANDOUT

For Contract No. 07-302904
At 07-LA-5-C43.9/C46.4

Identified by
Project ID 0713000478

MATERIALS INFORMATION

ITS As-Builts



CONDUCTOR TYPE	FUNCTION	RUN 2	7	8	8A	3	3A	4	4A	5	5A	6	6A	9	9A	11	11A	13	13A	14	14A	15
50P22 CABLE	PHONE LINES	1																				
12P22 CABLE	PHONE LINES			1		1(N)	1(N)	1(N)	1(N)	1(N)	1(N)	1(N)	1(N)	1(N)		1(N)	1(N)		1(N)		1(N)
24SMFO CABLE	MUX VID/DATA	1																				
8MMFO CABLE	SHORT HAUL VIDEO	1																				
#4	POWER				2(N)	2(N)	2(N)	2(N)	2(N)											2(N)		
#6	POWER		2																			
#8	GROUND		1																			
#8 EXIST.	SERVICE FOR RMS				2	2	2							2	2			2		2		
#12 EXIST.	SERVICE FOR TDC				2															2	2	
#14 EXIST.	RAMP METER							9						9	9							
#14 EXIST.	METER ON													2	2							
#10 EXIST.	COMMON							1						1	1							
2#12 EXIST.	DLC						2	12	8	1	4	6	7	13		14	6		6			
4#18 EXIST.	SHIELDED TEL. CABLE				1	1	1							1		1			1			
	CONDUIT SIZE	4" (N)	2" (N)	2" (N)	2"	2"	2"	3"	2½"	2"	2"	2"	2½"	3½"	3"	3"	2"	3"	3"	2"		1"

FOR LEGEND AND PROJECT NOTES SEE SHEET E-1

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT THE DISTRICT OFFICE.

AS BUILT
Contract No. 07- 116634
Resident Engineer: Hassan Mannaa
Completion Date June 13, 1997

CCTV AND COMMUNICATIONS SYSTEM (LAYOUT)

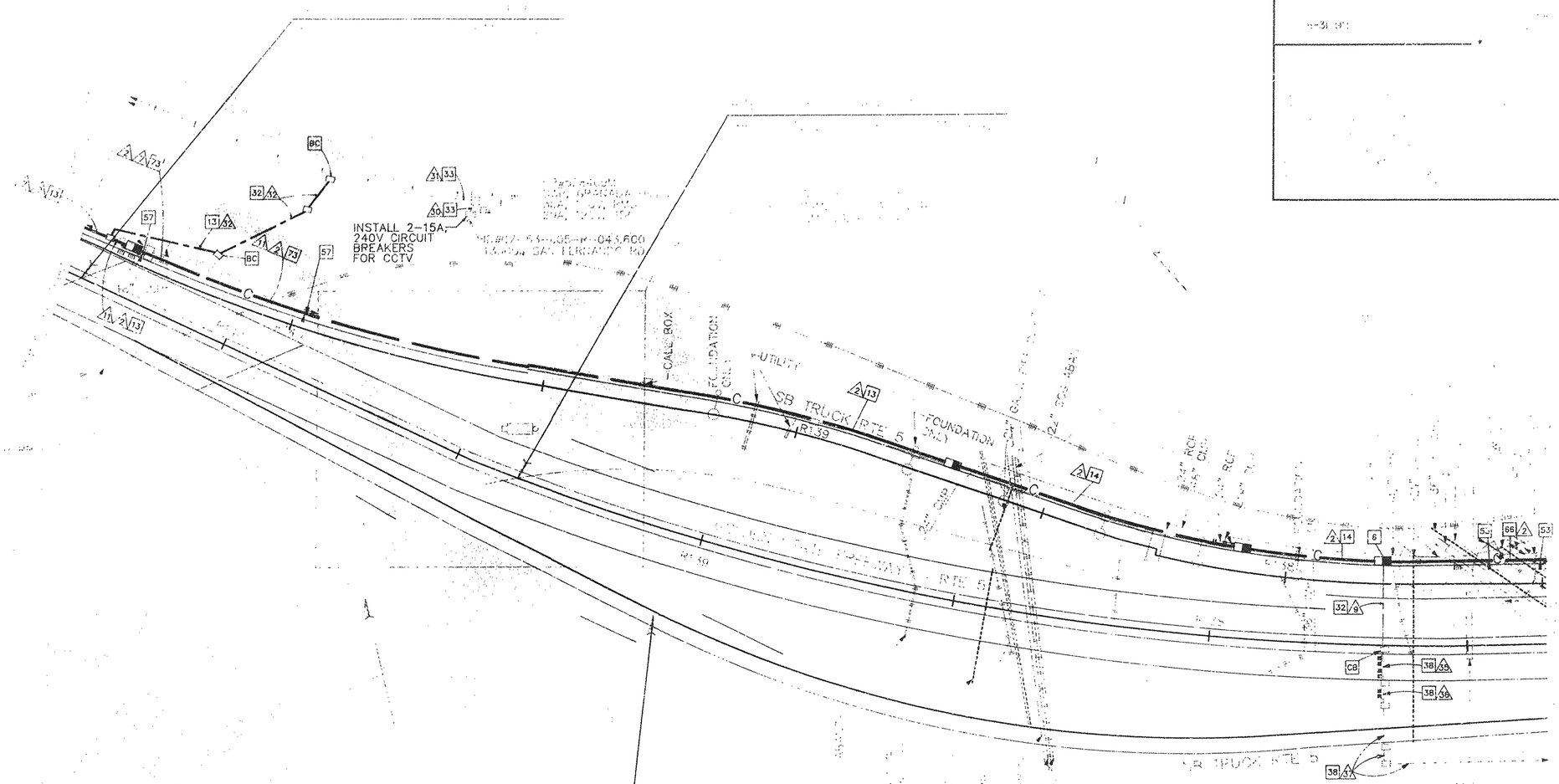
E-31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DESIGN OVERSIGHT
GLORIA GWYNNE

CALCULATED
DESIGNED BY
CHECKED BY JK 3/23 DATE REVISED

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



AS BUILT 116634
Contract No. 07-
Resident Engineer: Hassan Mannaa
Completion Date June 13, 1997

CONDUCTOR SCHEDULE

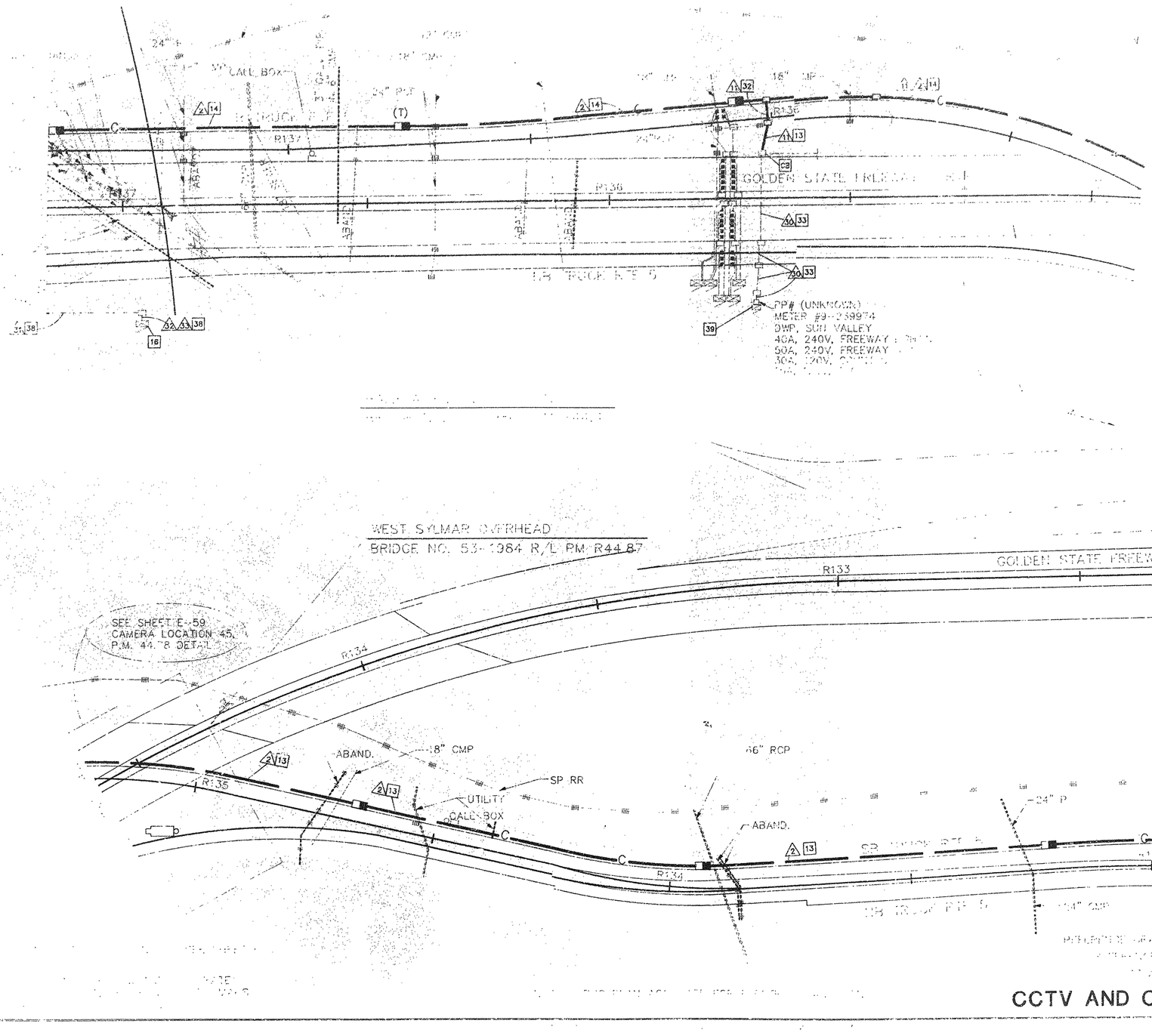
CONDUCTOR TYPE	FUNCTION	RUN 2	7	9	11	30	31	32	33	36	37
50P22 CABLE	PHONE LINES	1									
12P22 CABLE	PHONE LINES			1					1(N)	1(N)	1(N)
24SMFO CABLE	MUX VID/DATA	1									
8MMFO CABLE	SHORT HAUL VIDEO	1									
#6	POWER		2			2(N)	2(N)	2			
#4	POWER				2	2(N)	2(N)	2			
#8 EXIST.	SERV. FOR RMS					2	2				
#12 EXIST.	SERV. FOR TDC					2					
D.C EXIST.	DETECTOR LOOPS								2	5	6
#8	GROUND		1		1			1			
	CONDUIT SIZE	4" (N)	2" (N)	2" (N)	2" (N)	3"	2"	2" (N)	2"	2"	2"

DESIGN OVERSIGHT
GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CCTV AND COMMUNICATIONS SYSTEM (LAYOUT)

E-32



5#22 CABLE	POWER
12#22 CABLE	POWER
24#AWG CABLE	[illegible]
6MMFO CABLE	[illegible]
#6	POWER
#4	POWER
#8	GROUND
1#12 EXIST.	DUC
1#18 EXIST.	SPRING TIE WIRE
#8 EXIST.	RMO SERVICE

CONDUIT SIZE (N)(N)

AS BUILT
Contract No. 07- 116634
Resident Engineer: Hassan Mannaa
Completion Date June 13, 1997

DESIGN OVERSIGHT
GLORIA GWYNNE

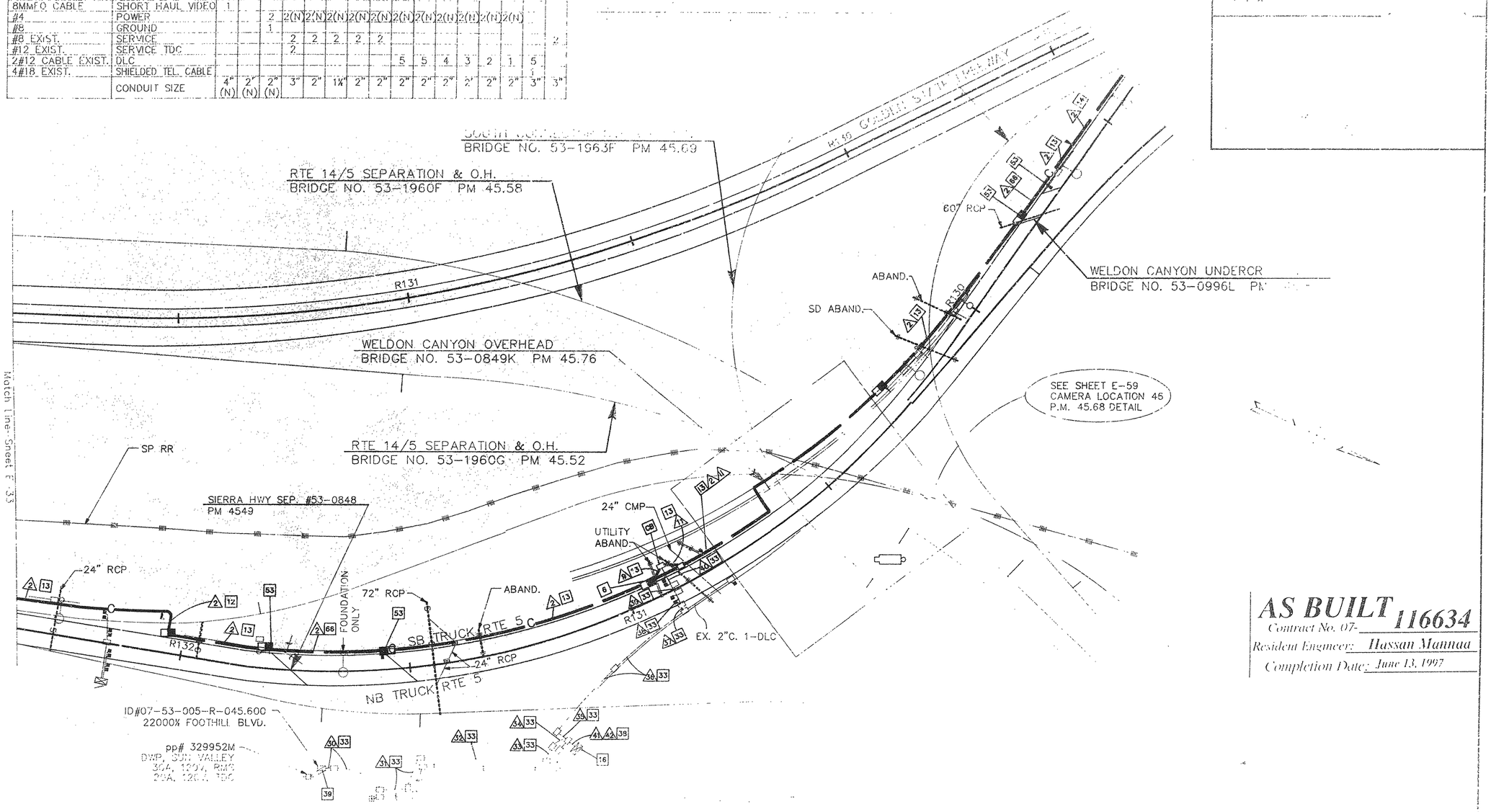
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

JK 3/93

CCTV AND COMMUNICATIONS SYSTEM

CONDUCTOR SCHEDULE

CONDUCTOR TYPE	FUNCTION	RUN 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
50P22 CABLE	PHONE LINES	1															
12P22 CABLE	PHONE LINES		1							1(N)	1(N)	1(N)	1(N)	1(N)	1(N)	1(N)	
24SMFO CABLE	MUX VID/DATA	1															
8MMFO CABLE	SHORT HAUL VIDEO	1															
#4	POWER			2	2(N)	2(N)	2(N)	2(N)	2(N)	2(N)	2(N)	2(N)	2(N)	2(N)	2(N)		
#8	GROUND			1													
#8 EXIST.	SERVICE				2	2	2	2	2								2
#12 EXIST.	SERVICE TDC				2												
2#12 CABLE EXIST.	DLC									5	5	4	3	2	1	5	
4#18 EXIST.	SHIELDED TEL. CABLE															1	
	CONDUIT SIZE	4" (N)	2" (N)	2" (N)	3"	2"	1¼"	2"	2"	2"	2"	2"	2"	2"	2"	3"	3"



AS BUILT 116634
Contract No. 07-
Resident Engineer: Hassan Mannaa
Completion Date: June 13, 1997

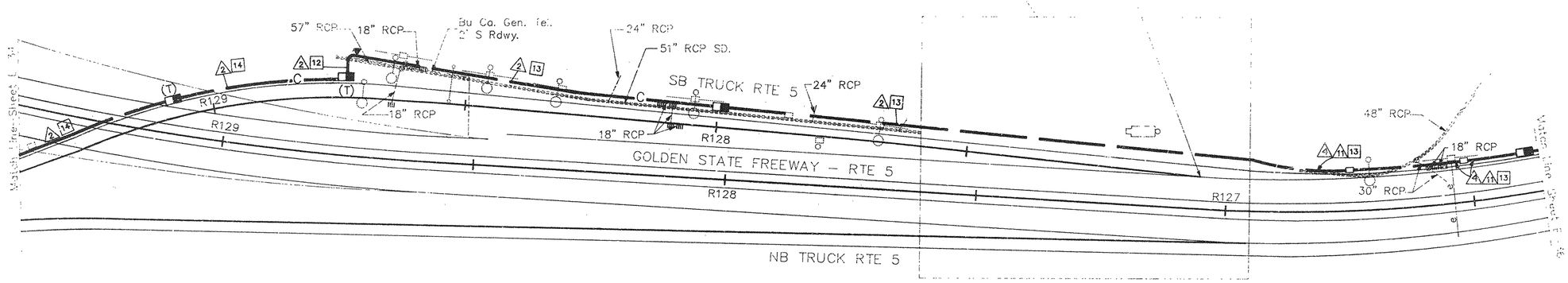
FOR LEGEND AND PROJECT NOTES SEE SHEET E-1

NOTE: FOR COMPLETE, FULL AND ACCURATE AGENCY DATA, SEE THE RECORD MAPS AT THE DISTRICT OFFICE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN OVERSIGHT
GLORIA GWYNNE
JK 3/23

CCTV AND COMMUNICATIONS SYSTEM
(LAYOUT)

E-34



CONDUCTOR SCHEDULE				
		RUN		
CONDUCTOR TYPE	FUNCTION	2	1	4
50P22 CABLE	PHONE LINES	1		1
24SMFO CABLE	MUX VID/DATA	1		
8MMFO CABLE	SHORT HAUL VIDEO	1		
#4	POWER		2	
#8	GROUND		1	
	CONDUIT SIZE	4" (N)	2" (N)	4" (N)

AS BUILT
Contract No. 07- 116634
Resident Engineer: Hassan Mannaa
Completion Date June 13, 1997

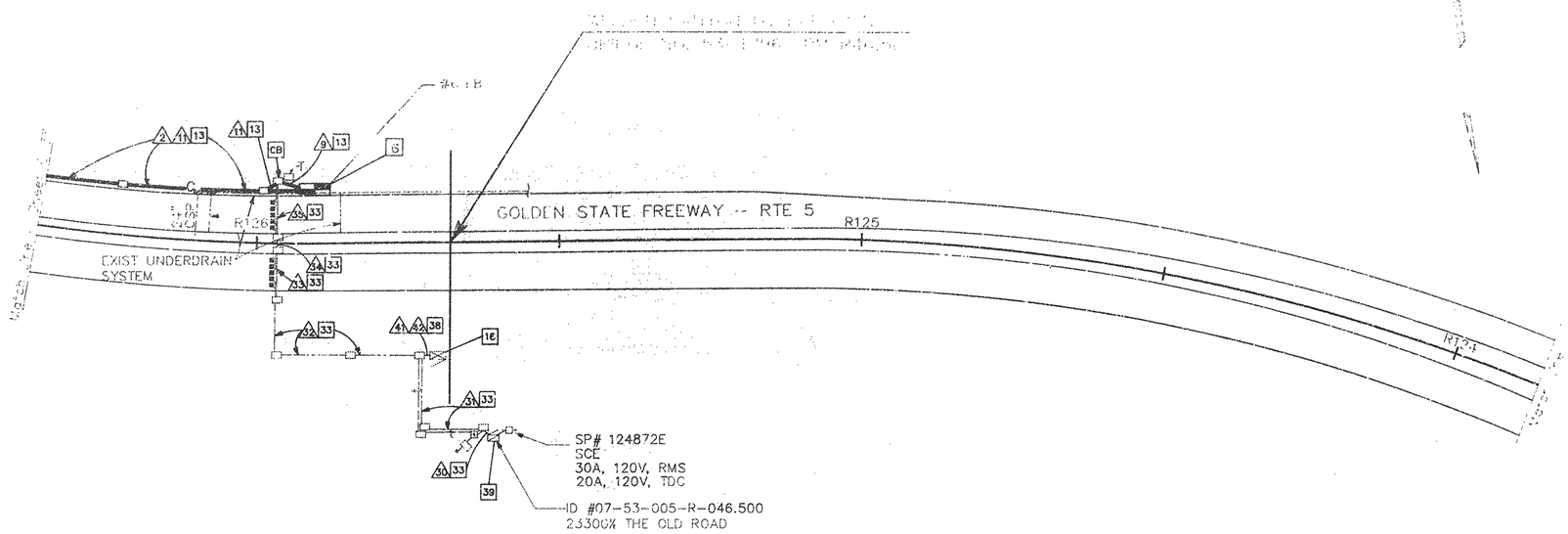
CCTV AND COMMUNICATIONS SYSTEM (LAYOUT)

E-35

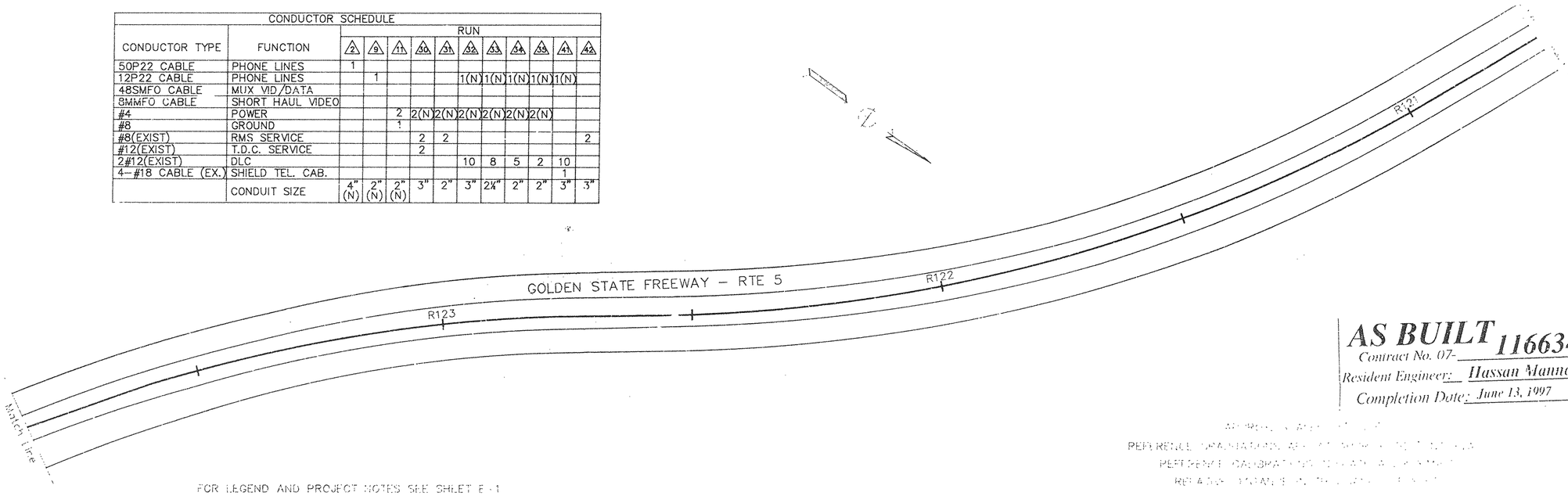
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

DESIGN OVERSIGHT
GLORIA GWYNNE

JK 3/23



CONDUCTOR SCHEDULE												
CONDUCTOR TYPE	FUNCTION	RUN										
		2	9	11	30	31	32	33	34	35	41	42
50P22 CABLE	PHONE LINES	1										
12P22 CABLE	PHONE LINES		1				1(N)	1(N)	1(N)	1(N)	1(N)	
48SMFO CABLE	MUX VID/DATA											
8MMFO CABLE	SHORT HAUL VIDEO											
#4	POWER			2	2(N)	2(N)	2(N)	2(N)	2(N)	2(N)		
#8	GROUND			1								
#8(EXIST)	RMS SERVICE				2	2						2
#12(EXIST)	T.D.C. SERVICE				2							
2#12(EXIST)	DLC						10	8	5	2	10	
4-#18 CABLE (EX.)	SHIELD TEL. CAB.										1	
	CONDUIT SIZE	4" (N)	2" (N)	2" (N)	3"	2"	3"	2½"	2"	2"	3"	3"



FOR LEGEND AND PROJECT NOTES SEE SHEET E-1

NOTE: FOR COMPLETE R/W AND ACCURATE ACCESS DATA, SEE R/W RECORD MAPS AT THE DISTRICT OFFICE.

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL AND CONFLICTING UTILITIES ONLY

AS BUILT 116634
Contract No. 07-
Resident Engineer: Hassan Mannaa
Completion Date: June 13, 1997

CCTV AND COMMUNICATIONS SYSTEM (LAYOUT)

E-36

DESIGN OVERSIGHT
GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

CALTRANS DESIGNED BY
CHECKED BY JK 3/23 DATE REVISED

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

FORM LD CL-92-PF (REV. 3/98)

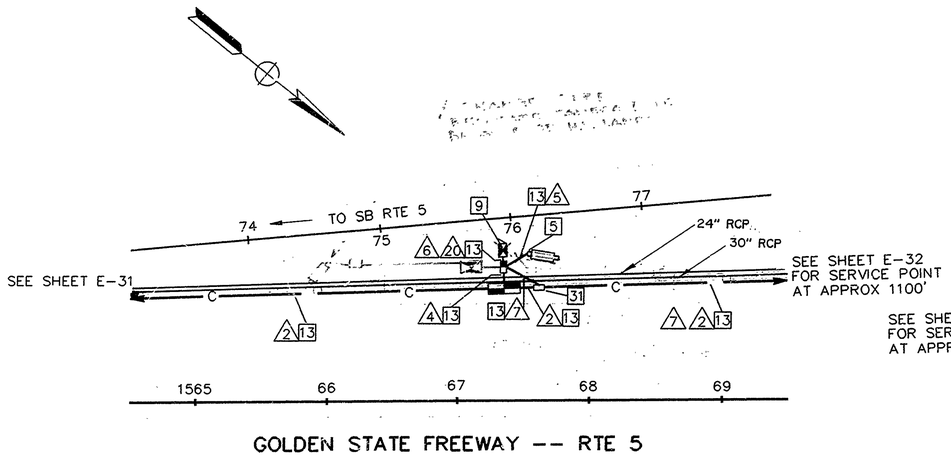
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,10	16.9/46.2,50.1	80	153

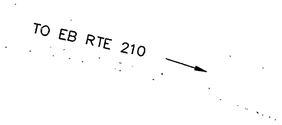
Joseph A. Kwak 3/23/92
REGISTERED ELECTRICAL ENGINEER (Date)

8-31-92
PLANS APPROVAL DATE

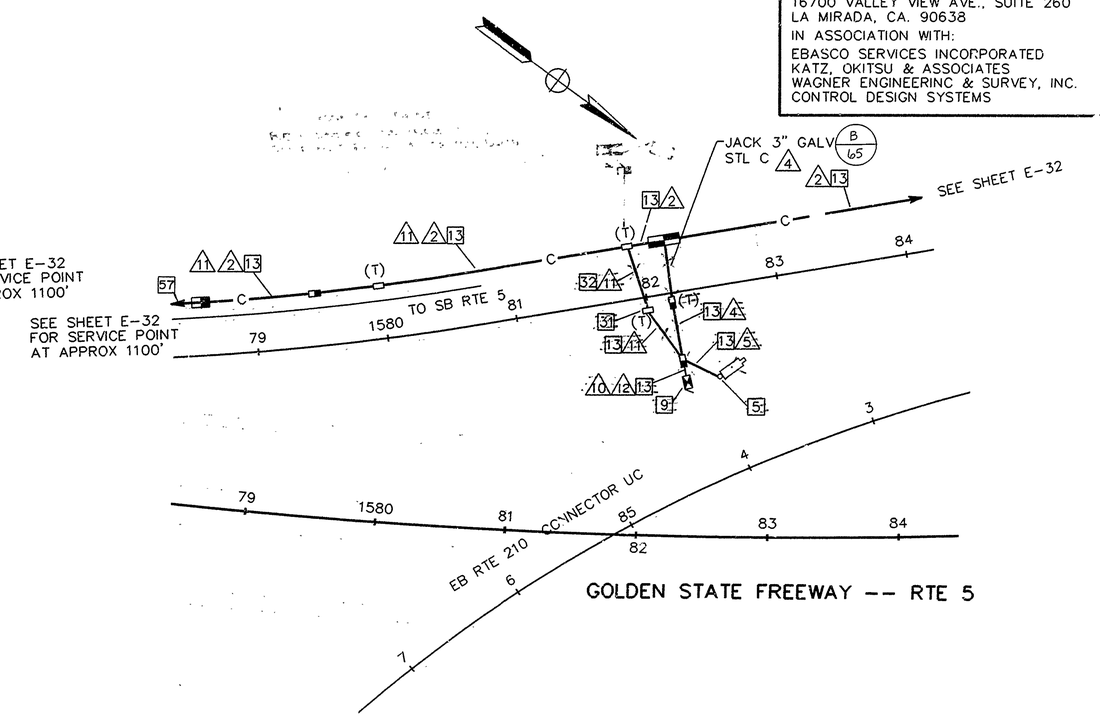
REGISTERED PROFESSIONAL ENGINEER JOSEPH A. KWAK No 10991 Exp. 6/30/95 ELECTRICAL STATE OF CALIFORNIA

NATIONAL ENGINEERING TECHNOLOGY
16700 VALLEY VIEW AVE., SUITE 260
LA MIRADA, CA. 90638
IN ASSOCIATION WITH:
EBASCO SERVICES INCORPORATED
KATZ, OKITSU & ASSOCIATES
WAGNER ENGINEERING & SURVEY, INC.
CONTROL DESIGN SYSTEMS





CAMERA LOCATION 43, PM43.48



CAMERA LOCATION 44, PM43.76

CONDUCTOR SCHEDULE CAMERA LOCATION 43

CONDUCTOR TYPE	FUNCTION	2	4	5	6	7	10
50P22 CABLE	PHONE LINES	1					
6P19 CABLE	PHONE LINES		1				1
24SMFO CABLE	MUX VID/DATA	1					
8MMFO CABLE	SHORT HAUL VIDEO	1					
2MMFO B/O CABLE	SHORT HAUL VIDEO		1				1
RG-6A/U COAX	BASEBAND VIDEO			1			1
27C18 CABLE	CONTROL			1			1
#6	POWER				2	2	
#8	GROUND			1	2	1	
CONDUIT	SIZE	4" (N)	3" (N)	3" (N)	3" (N)	2" (N)	3" (N)

CONDUCTOR SCHEDULE CAMERA LOCATION 44

CONDUCTOR TYPE	FUNCTION	2	4	5	10	11	12
50P22 CABLE	PHONE LINES	1					
6P19 CABLE	PHONE LINES		1				1
24SMFO CABLE	MUX VID/DATA	1					
8MMFO CABLE	SHORT HAUL VIDEO	1					
2MMFO B/O CABLE	SHORT HAUL VIDEO		1				1
RG-6A/U COAX	BASEBAND VIDEO			1			1
27C18 CABLE	CONTROL			1			1
#8	POWER						
#4	POWER				2	2	
#8	GROUND			1	2	1	
CONDUIT	SIZE	4" (N)	3" (N)	3" (N)	3" (N)	2" (N)	3" (N)

AS BUILT 116634
Contract No. 07-
Resident Engineer: Hassan Mannaa
Completion Date: June 13, 1997

CCTV AND COMMUNICATIONS SYSTEM LOCATIONS 43 AND 44

SCALE: 1"= 50'

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

E-58

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY
DESIGN OVERSIGHT
GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

116634E58.DWG WES 03/21/92

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

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

CU 07387 EA 116634

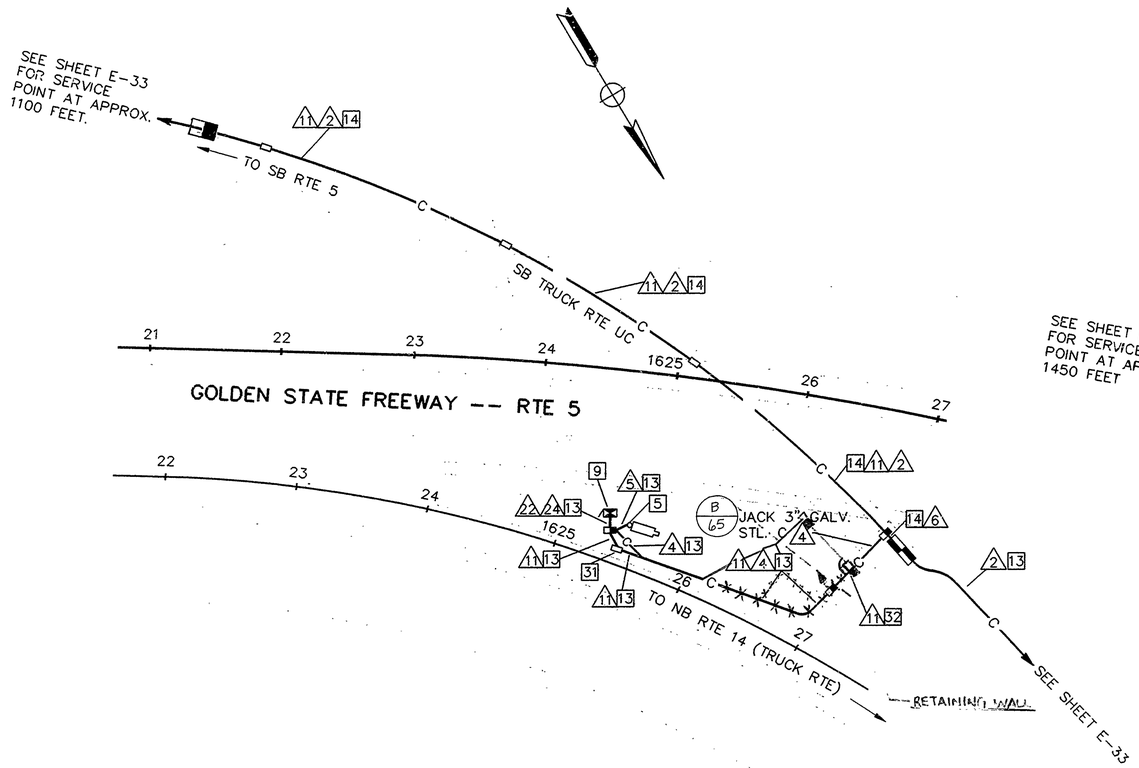
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,10	16.9/46.2,20.1	81	153

Joseph A. Kwak 3/23/92
REGISTERED ELECTRICAL ENGINEER (Date)

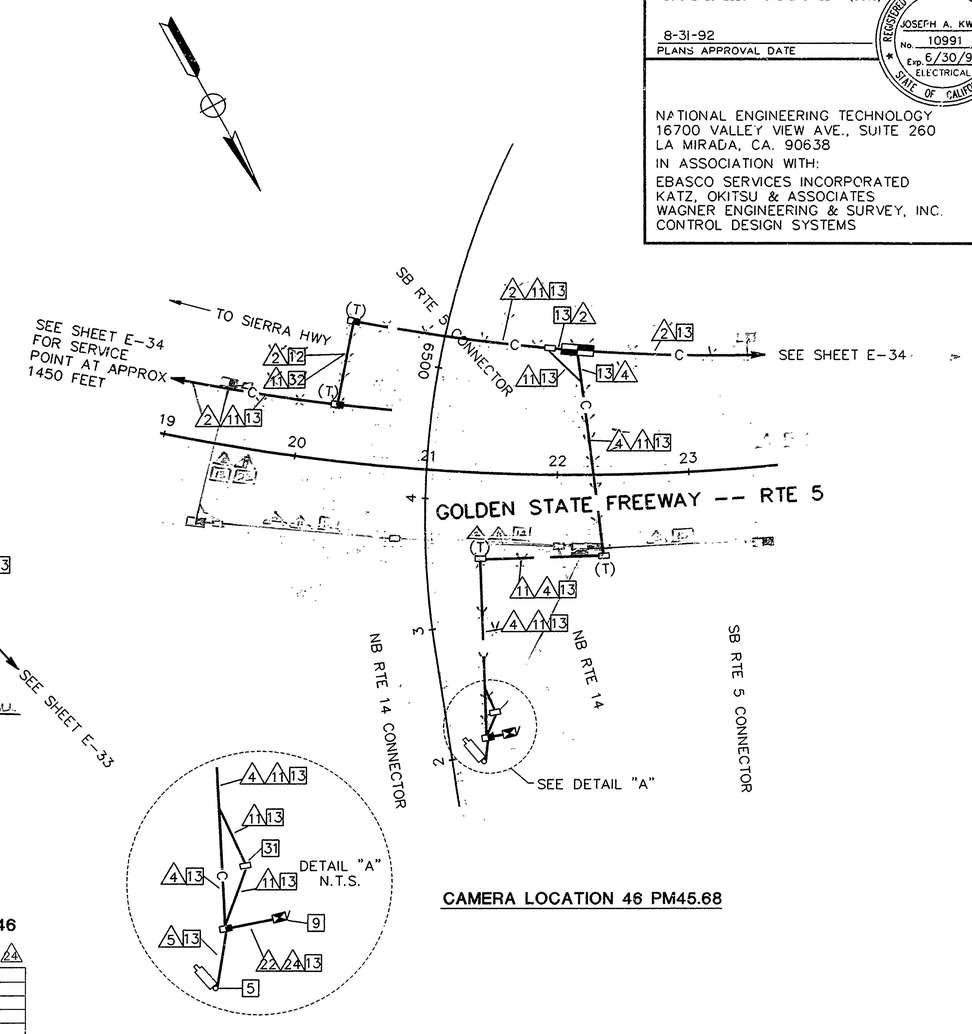
8-31-92
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. KWAK No. 10991 Exp. 6/30/95 ELECTRICAL STATE OF CALIFORNIA

NATIONAL ENGINEERING TECHNOLOGY
16700 VALLEY VIEW AVE., SUITE 260
LA MIRADA, CA. 90638
IN ASSOCIATION WITH:
EBASCO SERVICES INCORPORATED
KATZ, OKITSU & ASSOCIATES
WAGNER ENGINEERING & SURVEY, INC.
CONTROL DESIGN SYSTEMS



CAMERA LOCATION 45, PM44.78



CAMERA LOCATION 46 PM45.68

CONDUCTOR SCHEDULE CAMERA LOCATION 45

CONDUCTOR TYPE	FUNCTION	2	4	5	6	11	22	24
50P22 CABLE	PHONE LINES	1			1			
6P19 CABLE	PHONE LINES		1		1		1	
24SMFO CABLE	MUX VID/DATA	1			1			
8MMFO CABLE	SHORT HAUL VIDEO	1			1			
2MMFO B/O CABLE	SHORT HAUL VIDEO		1		1		1	
RG-6A/U COAX	BASEBAND VIDEO			1			1	
27C18 CABLE	CONTROL			1			1	
#4	POWER					2		2
#8	GROUND			1		1		2
CONDUIT	SIZE	4" (N)	3" (N)	3" (N)	4" (N)	2" (N)	3" (N)	3" (N)

CONDUCTOR SCHEDULE CAMERA LOCATION 46

CONDUCTOR TYPE	FUNCTION	2	4	5	11	22	24
50P22 CABLE	PHONE LINES	1					
6P19 CABLE	PHONE LINES		1			1	
24SMFO CABLE	MUX VID/DATA	1					
8MMFO CABLE	SHORT HAUL VIDEO	1					
2MMFO B/O CABLE	SHORT HAUL VIDEO		1			1	
RG-6A/U COAX	BASEBAND VIDEO			1		1	
27C18 CABLE	CONTROL			1		1	
#4	POWER				2		2
#8	GROUND			1	1		2
CONDUIT	SIZE	4" (N)	3" (N)	3" (N)	2" (N)	3" (N)	3" (N)

AS BUILT
Contract No. 07-116634
Resident Engineer: Hassan Mansour
Completion Date: June 13, 1997

CCTV AND COMMUNICATIONS SYSTEM LOCATIONS 45 AND 46

SCALE: 1"= 50'

E-59

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

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

11663E59.DWG WES 03/21/92

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

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

CU 07387 EA 116634

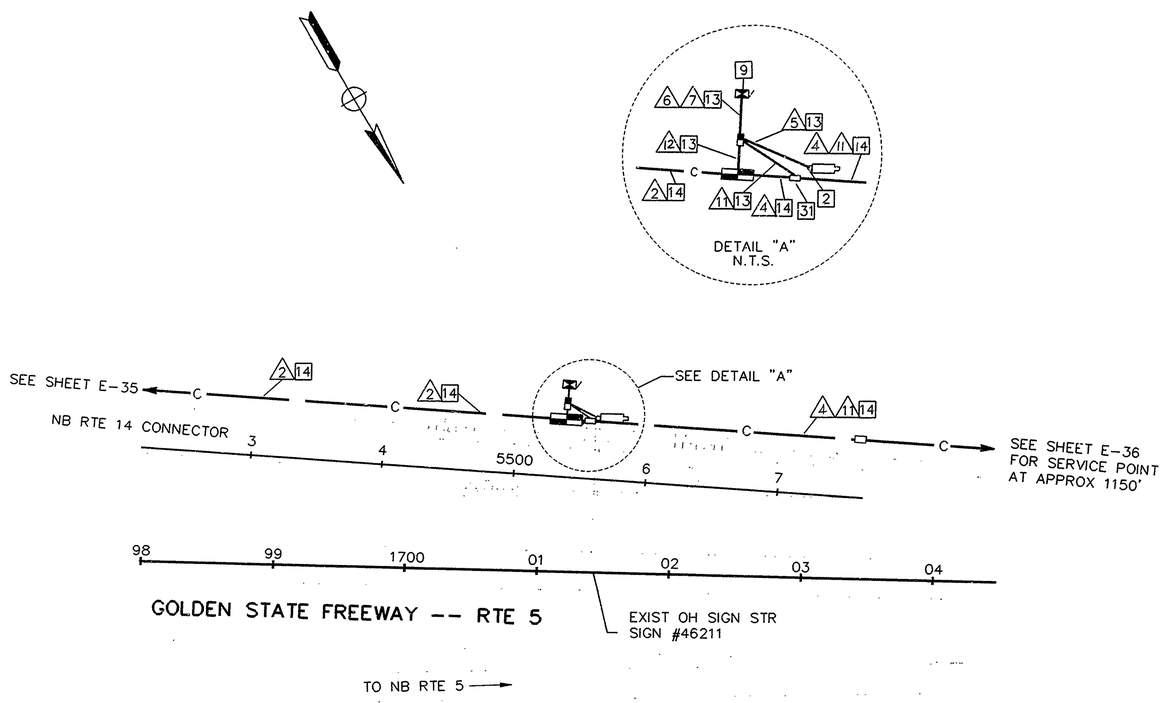
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,10	16.9/46.2,50.1	82	153

Joseph A. Kwak 3/23/92
REGISTERED ELECTRICAL ENGINEER (Date)

8-31-92
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. KWAK No 10991 Exp 6/30/95 ELECTRICAL STATE OF CALIFORNIA

NATIONAL ENGINEERING TECHNOLOGY
16700 VALLEY VIEW AVE., SUITE 260
LA MIRADA, CA. 90638
IN ASSOCIATION WITH:
EBASCO SERVICES INCORPORATED
KATZ, OKITSU & ASSOCIATES
WAGNER ENGINEERING & SURVEY, INC.
CONTROL DESIGN SYSTEMS



CAMERA LOCATION 47, PM46.23

CONDUCTOR SCHEDULE CAMERA LOCATION 47

CONDUCTOR TYPE	FUNCTION	2	4	5	6	7	11	12
50P22 CABLE	PHONE LINES	1	1					
6P19 CABLE	PHONE LINES				1			1
24SMFO CABLE	MUX VID/DATA	1			1			1
8MMFO CABLE	SHORT HAUL VIDEO	1			1			1
2MMFO B/O CABLE	SHORT HAUL VIDEO							
RG-6A/U COAX	BASEBAND VIDEO			1	1			
27C18 CABLE	CONTROL			1	1			
#4	POWER					2	2	
#8	GROUND			1		2	1	
CONDUIT	SIZE	4" (N)	4" (N)	3" (N)	3" (N)	3" (N)	2" (N)	3" (N)

AS BUILT 116634
Contract No. 07-
Resident Engineer: Hassan Mannaa
Completion Date: June 13, 1997

CCTV AND COMMUNICATIONS SYSTEM LOCATION 47

SCALE: 1"= 50'

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

E-60

DATE	REVISED BY
	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

1166.3E60.DWG WES 03/21/92

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

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

CU 07387 EA 116634

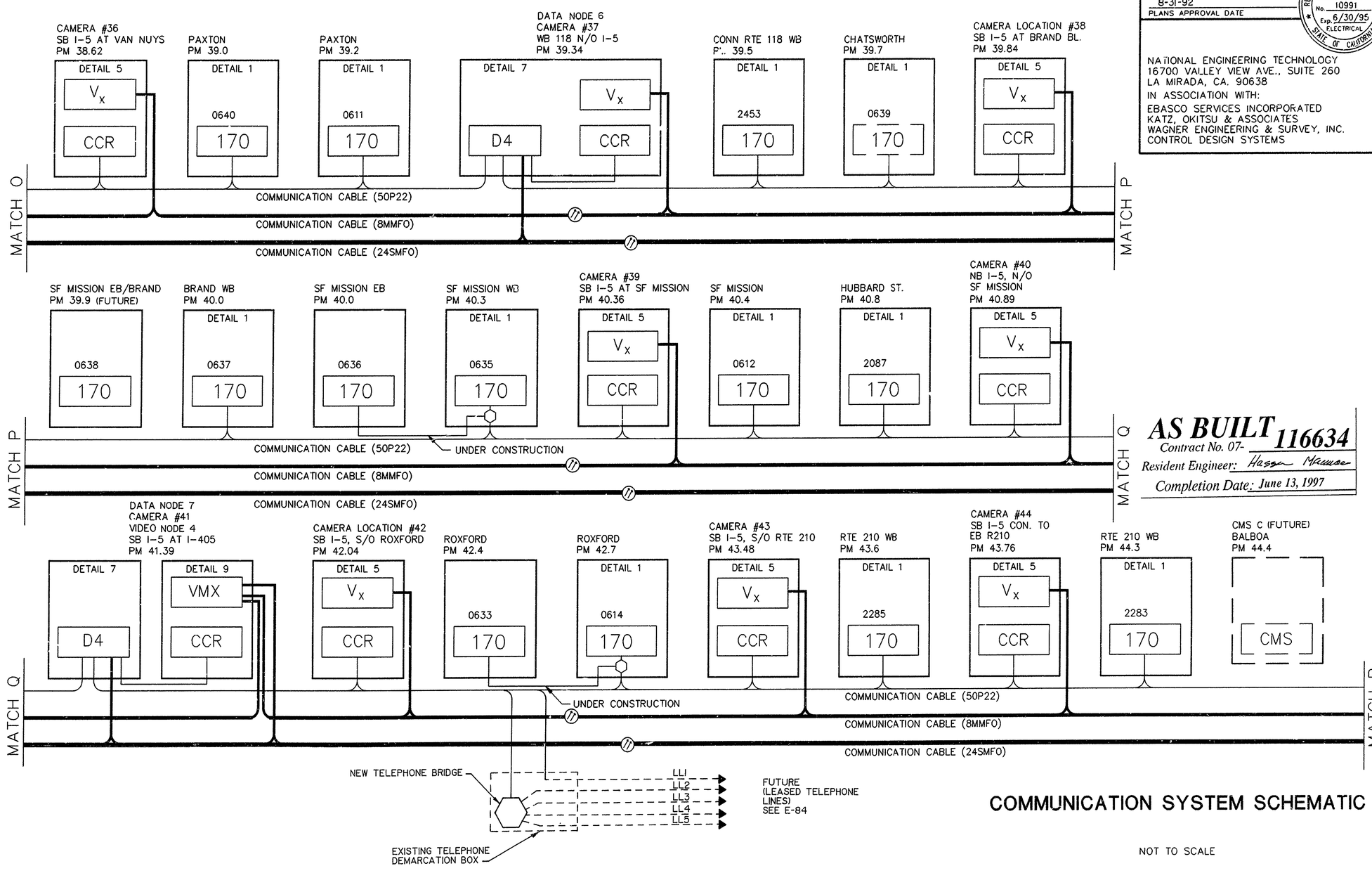
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,10	16.9/46.2,S0.1	105	153

Joseph A. Kwak 3/23/92
REGISTERED ELECTRICAL ENGINEER (Date)

8-31-92
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. KWAK No. 10991 Exp. 6/30/95 ELECTRICAL STATE OF CALIFORNIA

NATIONAL ENGINEERING TECHNOLOGY
16700 VALLEY VIEW AVE., SUITE 260
LA MIRADA, CA. 90638
IN ASSOCIATION WITH:
EBASCO SERVICES INCORPORATED
KATZ, OKITSU & ASSOCIATES
WAGNER ENGINEERING & SURVEY, INC.
CONTROL DESIGN SYSTEMS



AS BUILT Contract No. 07- 116634
Resident Engineer: Hassan Mansour
Completion Date: June 13, 1997

COMMUNICATION SYSTEM SCHEMATIC

NOT TO SCALE

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

E-83

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

SYSTEM6.DWG NET 3\23\92

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

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

CU 07387 EA 116634

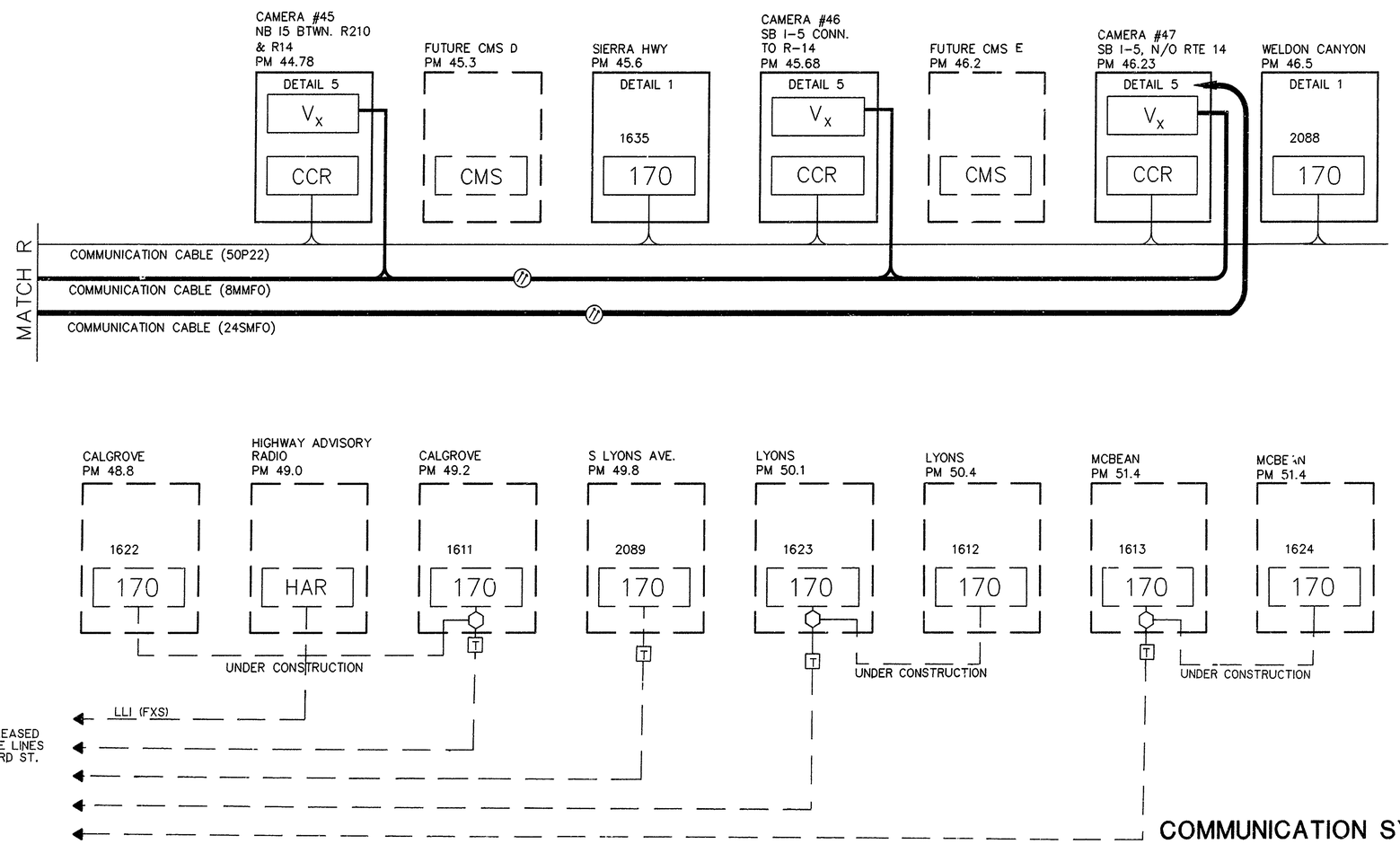
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,10	16.9/46.2,SC.I	106	153

Joseph A. Kwak 3/23/92
REGISTERED ELECTRICAL ENGINEER (Date)

8-31-92
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. KWAK No. 10991 Exp. 6/30/95 ELECTRICAL STATE OF CALIFORNIA

NATIONAL ENGINEERING TECHNOLOGY
16700 VALLEY VIEW AVE., SUITE 260
LA MIRADA, CA. 90638
IN ASSOCIATION WITH:
EBASCO SERVICES INCORPORATED
KATZ, OKITSU & ASSOCIATES
WAGNER ENGINEERING & SURVEY, INC.
CONTROL DESIGN SYSTEMS



COMMUNICATION SYSTEM SCHEMATIC

AS BUILT
Contract No. 07- 116634
Resident Engineer: Hassan Mansour
Completion Date: June 13, 1997

NOT TO SCALE

E-84

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

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

CU 07387 EA 116634

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

DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

SYSTEM7.DWG NET 03/23/92

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5,10	16.9/46.2,S0.1	122	153

Joseph A. Kwak 3/23/92
REGISTERED ELECTRICAL ENGINEER (Date)

8-31-92
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER JOSEPH A. KWAK No. 10991 Exp. 6/30/95 ELECTRICAL STATE OF CALIFORNIA

NATIONAL ENGINEERING TECHNOLOGY
16700 VALLEY VIEW AVE., SUITE 260
LA MIRADA, CA. 90638
IN ASSOCIATION WITH:
EBASCO SERVICES INCORPORATED
KATZ, OKITSU & ASSOCIATES
WAGNER ENGINEERING & SURVEY, INC.
CONTROL DESIGN SYSTEMS

COMMUNICATION CABLE (8 MMFO) ASSIGNMENT TABLE
FROM VIDEO NODE 4 (PM 41.39) TO CAMERA LOCATION 47 (PM 46.23)

	VIDEO NODE 4 CAMERA LOCATION 41 (PM 41.39)		CAM. 42	CAM. 43	CAM. 44	CAM. 45	CAM. 46	CAM. 47										
			PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM			
FIBER	USE	MEASURED LOSS, dB	42.04	43.48	43.76	44.78	45.68	46.23								USE	MEASURED LOSS, dB	NOTES
1	CAMERA 42		IN/OUT					D										
2	CAMERA 43			IN/OUT				D										
3	CAMERA 44				IN/OUT			D										
4	CAMERA 45					IN/OUT		D										
5	CAMERA 46						IN/OUT	D										
6	CAMERA 47							IN										
7								D										
8								D										

AS BUILT 116634
Contract No. 07-
Resident Engineer: Hassan Mannaa
Completion Date: June 13, 1997

COMMUNICATION CABLE (SMFO) ASSIGNMENT TABLE
FROM EAST LA INTERCHANGE TO VIDEO NODE 4/DATA NODE 7 (PM 41.39)

	EAST LA INTERCHANGE		DATA NODE 2 CAM. 5	VID. NODE 1 CAM. 14	REPEATER 3 CAM. 17	VID. NODE 2 DATA NODE 3 CAM. 19	REPEATER 4 CAM. 22	DATA NODE 4 CAM. 25	VID. NODE 3 DATA NODE 5 CAM. 33	DATA NODE 6 CAM. 37	VID. NODE 4 DATA NODE 7 CAM. 41	CAM. 47		
			PM	PM	PM	PM	PM	PM	PM	PM	PM	PM		
FIBER	USE	MEASURED LOSS, dB	18.47	22.75	25.77	26.85	28.57	30.23	36.30	39.34	41.39	46.23	MEASURED LOSS, dB	NOTES
1	D4-2 TX		IN/OUT									D		
2	D4-2 RX		IN/OUT									D		
3	D4-4 TX							IN/OUT				D		
4	D4-4 RX							IN/OUT				D		
5	D4-6 TX									IN/OUT		D		
6	D4-6 RX									IN/OUT		D		
7	VMX-1			IN/OUT								D		
8	VMX-2					IN/OUT						D		
9	VMX-3				IN/OUT				IN/OUT			D		
10	VMX-4						IN/OUT				IN	D		
11	SPARE				IN/OUT							D		
12	SPARE						IN/OUT					D		
13	D4-3 TX					IN/OUT						D		
14	D4-3 RX					IN/OUT						D		
15	D4-5 TX								IN/OUT			D		
16	D4-5 RX								IN/OUT			D		
17	D4-7 TX										IN	D		
18	D4-7 RX										IN	D		
19-24	SPARE											D		
25-48	SPARE					D								

FIBER ASSIGNMENT TABLES

NOT TO SCALE

E-100

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

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

CU	07387	EA	116634

DESIGN OVERSIGHT GLORIA GWYNNE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION Caltrans

MMSMCHT.DWG NET 3\23\92

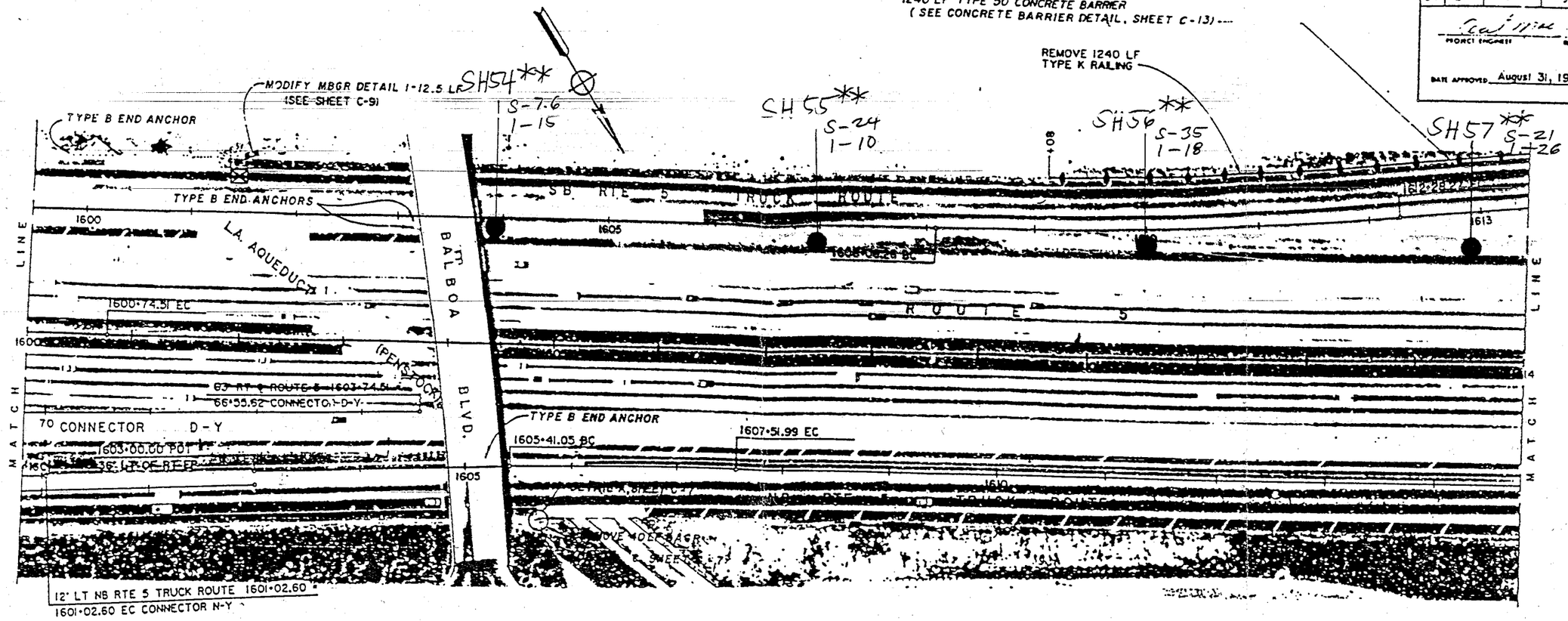
FORM DC-OE-92-PF (REV. 3/88)

DATE	REVISED BY	DATE REVISED
	CALCULATED/DESIGNED BY	CHECKED BY

07	LA	5	40.5/R59.5	20	16

PROJECT ENGINEER — REGISTERED CIVIL ENGINEER NO. 17705

DATE APPROVED August 31, 1987



AS BUILT PLANS
Contract No. 07-040744
Date Completed
Document No.

AS BUILT F.C. Latham
CONTRACT NO. 040744
RESIDENT ENGR. DG FUJIMOTO
DATE 3-29-89

LAYOUT
SCALE: 1" = 50' ±

L-15

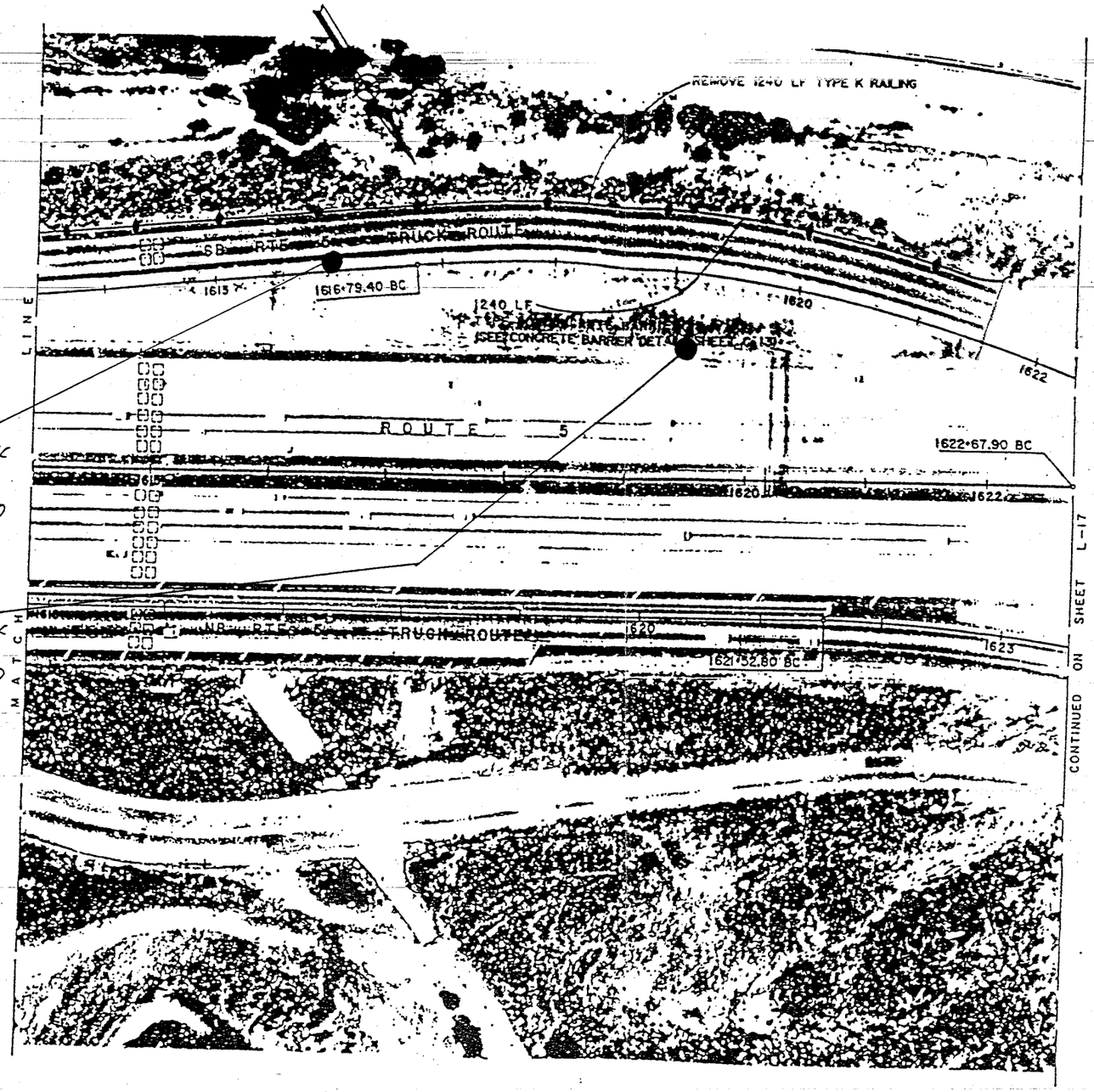
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3

07213 040741

07	LA	5	40.5/R59.5	21	166

PROJECT ENGINEER — REGISTERED CIVIL ENGINEER NO. 17705

DATE APPROVED August 31, 1987



SH 50** S-17 1-9.0

SH 59** S-1,800 1-61

AS BUILT PLANS
Contract No. 07-040744
Date Completed
Document No.

AS BUILT
CONTRACT NO. 040744
RESIDENT ENGR. Dale A. Fennell
DATE 3-29-89
Frank C. Latham

LAYOUT

SCALE: 1" = 50' ±

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

L-16

07213 040741

R18/71-51-25.B

3

FIELD AND LABORATORY DATA SHEET (LA-5)

Borehole Number	Depth*	Date Sampled	ANALYSES		Distance from Edge of Pavement ft	Median (M)/Side Shoulder (S)	Cut(C)/Fill (F)	Sloping (S)/Flat (F)	Proximity to Inter-change	General Wind Direction
			Pb, Total mg/kg	Pb, Soluble mg/L						
SW53	1	8-3-94	220	5.4**	5	S	F	S	600 N	W
	3		47							
	5		55	3.8						
SH54	S ✓		120	7.6**					0	
	1		170	15**						
SH55	S ✓		310	24**					300 N	
	1		100	10**						
SH56	S ✓		510	35**					600 N	
	1		250	18**						
SH57	S ✓		300	21**					900 N	
	1		350	26**						
SH58	S ✓		300	17**					1,200 N	
	1		310	9.0**						
SH59	S ✓		1,800**						1,500 N	
	1		780	61**						

*S - Surface, One Foot

** - Hazardous concentration of Pb