

INFORMATION HANDOUT

For Contract No. 07-4T7604

At 07-LA-60-R4.0/R8.6

Identified by

Project ID 0714000257

MATERIALS INFORMATION

Fiber Optic System As-Built Drawings

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	60	0.1/11.7	97	183

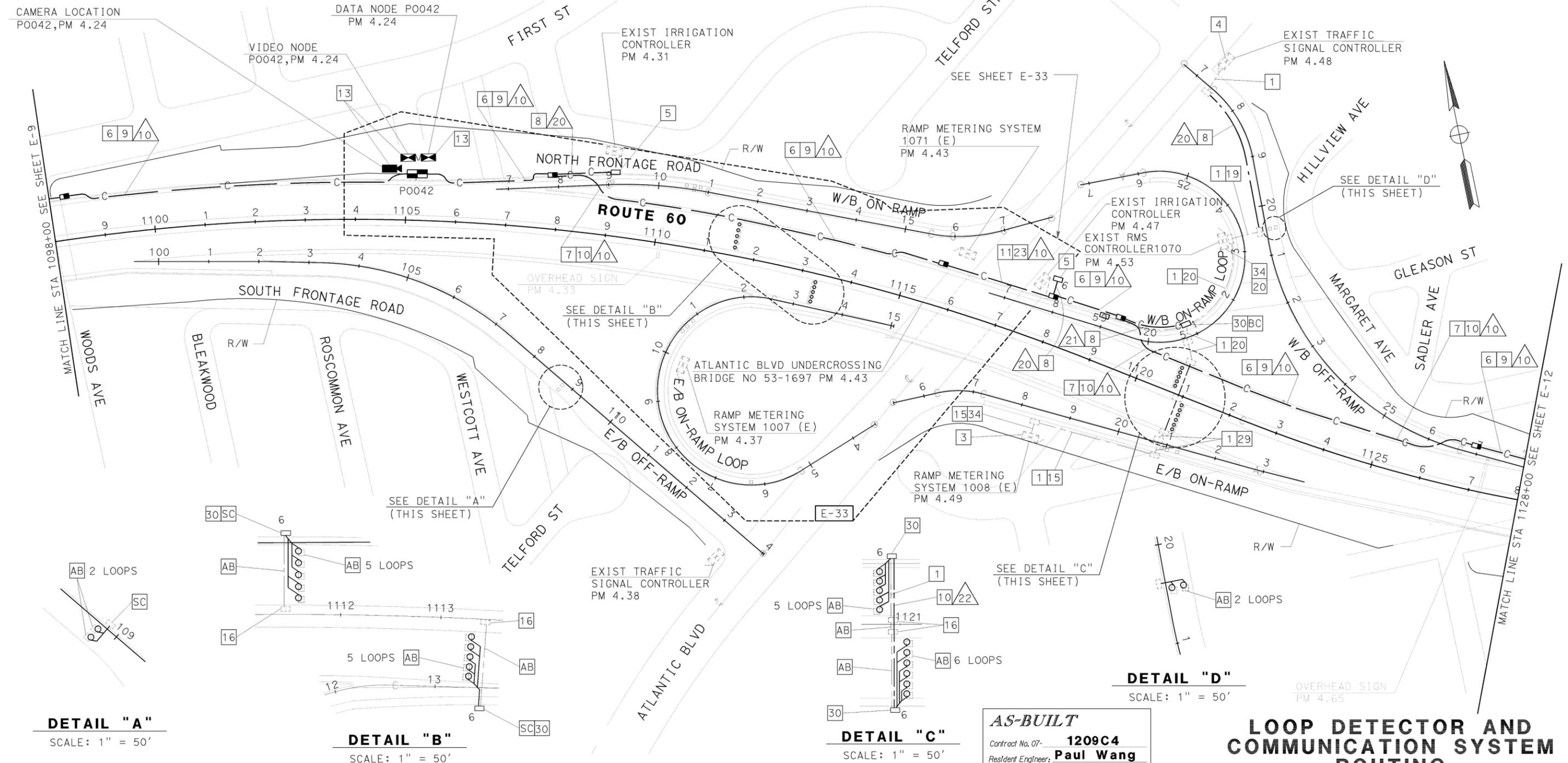
Alebachew Bekele
REGISTERED ELECTRICAL ENGINEER

5-18-98
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.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)		RUN			
CONDUCTOR TYPE	FUNCTION	10	20	21	22
		50PR22 CABLE	COMMUNICATION DATA/VOICE	1	
48SMFO	MULTIPLEXED DATA/VIDEO	1			
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION		1		
6PR22 CABLE	DISTRIBUTION DATA/VOICE		1	2	1
	INNERDUCT	1/4" 1/4"			
	CONDUIT SIZE	4"	2"	2"	3"

- CONSTRUCTION NOTES THIS SHEET:
- 15 REPLACE 6 DLC IN EXISTING CONDUIT.
 - 16 RC PULL BOX COVER. FILL OPENING WITH PCC AND AC TO MATCH EXISTING. (0.1' MIN AC).
 - 19 REPLACE 2 DLC IN EXISTING CONDUIT.
 - 20 REPLACE 5 DLC IN EXISTING CONDUIT.
 - 23 INSTALL 4" SPARE CONDUIT(FIBERGLASS).
 - 29 REPLACE 6 DLC IN EXISTING CONDUIT.
 - 30 RC EXISTING PULL BOX. INSTALL NEW PULL BOX.
 - 34 CONNECT DLC TO EXISTING LOOP SENSORS /DC ISOLATION UNITS.



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	60	0.1/11.7	98	183

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CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

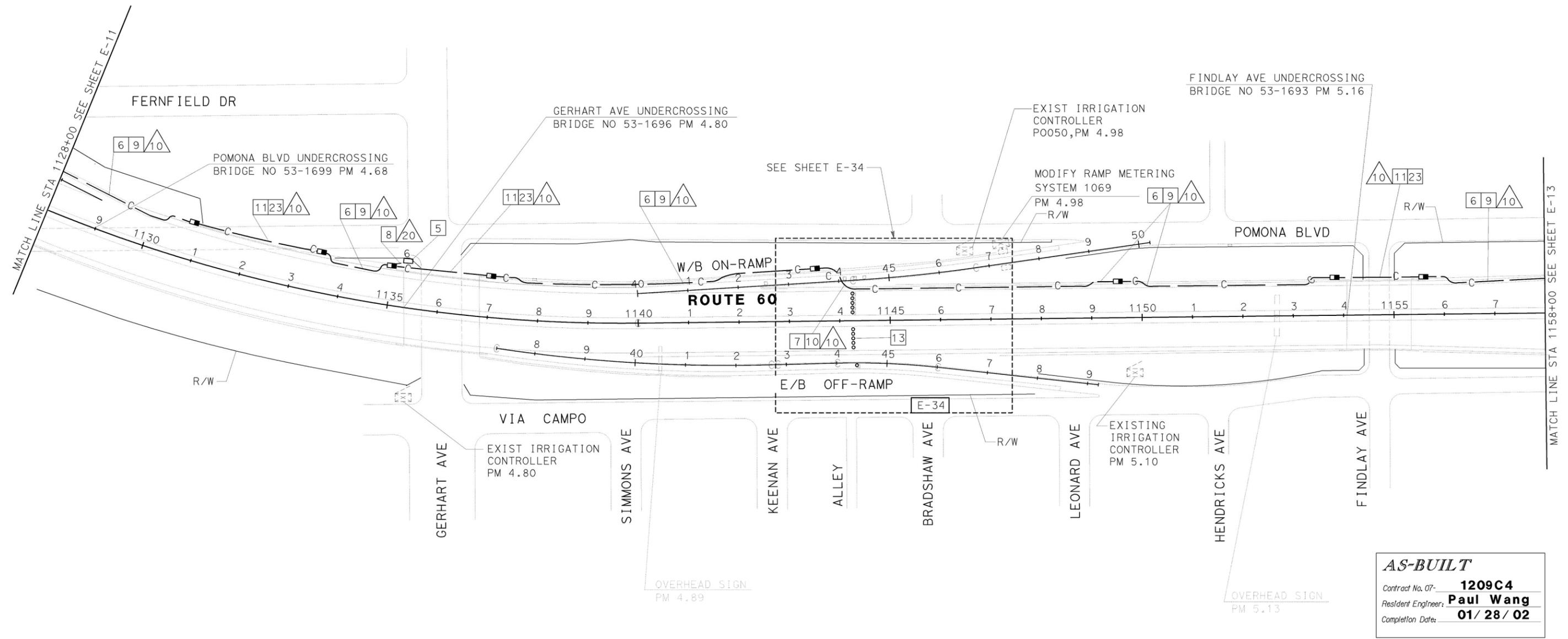
CONDUCTOR TYPE	FUNCTION	RUN	
		10	20
50PR22 CABLE	COMMUNICATION DATA/VOICE	1	
48SMFO	MULTIPLEXED DATA/VIDEO	1	
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION		1
6PR22 CABLE	DISTRIBUTION DATA/VOICE		1
	INNERDUCT	1 1/4"	1 1/4"
	CONDUIT SIZE	4"	2"

CONSTRUCTION NOTES THIS SHEET:

- 23 INSTALL 4" SPARE CONDUIT(FIBERGLASS).



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN OVERSIGHT PAT SULLIVAN
 CALCULATED/DESIGNED BY
 CHECKED BY
 DATE
 REVISIONS
 BY
 DATE
 REVISIONS
 BY
 DATE



AS-BUILT

Contract No. 07- **1209C4**
 Resident Engineer: **Paul Wang**
 Completion Date: **01/28/02**

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



USERNAME => qcruz
DGN FILE => 71209cu12.dgn

DATE PLOTTED => 13-JUL-2007 TIME PLOTTED => 11:04

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	60	0.1/11.7	99	183

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5-18-98
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CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

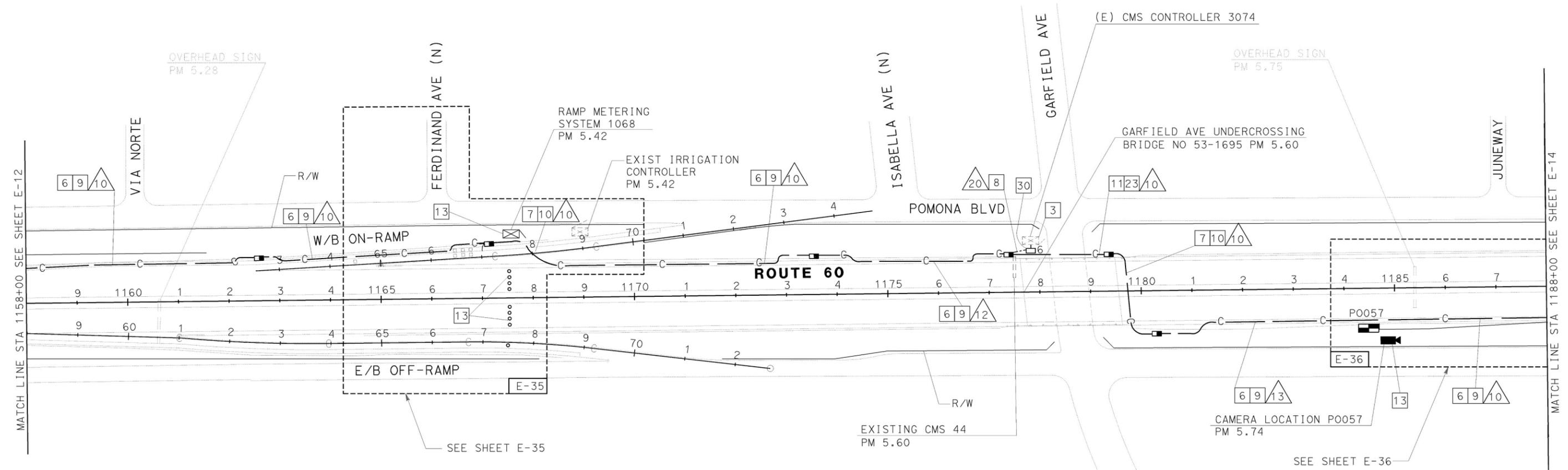
CONDUCTOR TYPE	FUNCTION	RUN	
		10	20
50PR22 CABLE	COMMUNICATION DATA/VOICE	1	
48SMFO	MULTIPLEXED DATA/VIDEO	1	
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION		1
6PR22 CABLE	DISTRIBUTION DATA/VOICE		1
	INNERDUCT	1 1/4"	1 1/4"
	CONDUIT SIZE	4"	2"

CONSTRUCTION NOTES THIS SHEET:

- 23 INSTALL 4" SPARE CONDUIT(FIBERGLASS).
- 30 RC EXISTING PULL BOX. INSTALL NEW PULL BOX.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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 BY
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AS-BUILT

Contract No. 07- **1209C4**

Resident Engineer: **Paul Wang**

Completion Date: **01/28/02**

COMMUNICATION SYSTEM ROUTING

SCALE: 1" = 100'

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



USERNAME => qcruz
DGN FILE => 71209cu13.dgn

CU 07396

EA 1209C1

DATE PLOTTED => 13-JUL-2007
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LAST REVISION

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	60	0.1/11.7	100	183

Alebachew Bekele
REGISTERED ELECTRICAL ENGINEER

5-18-98
PLANS APPROVAL DATE

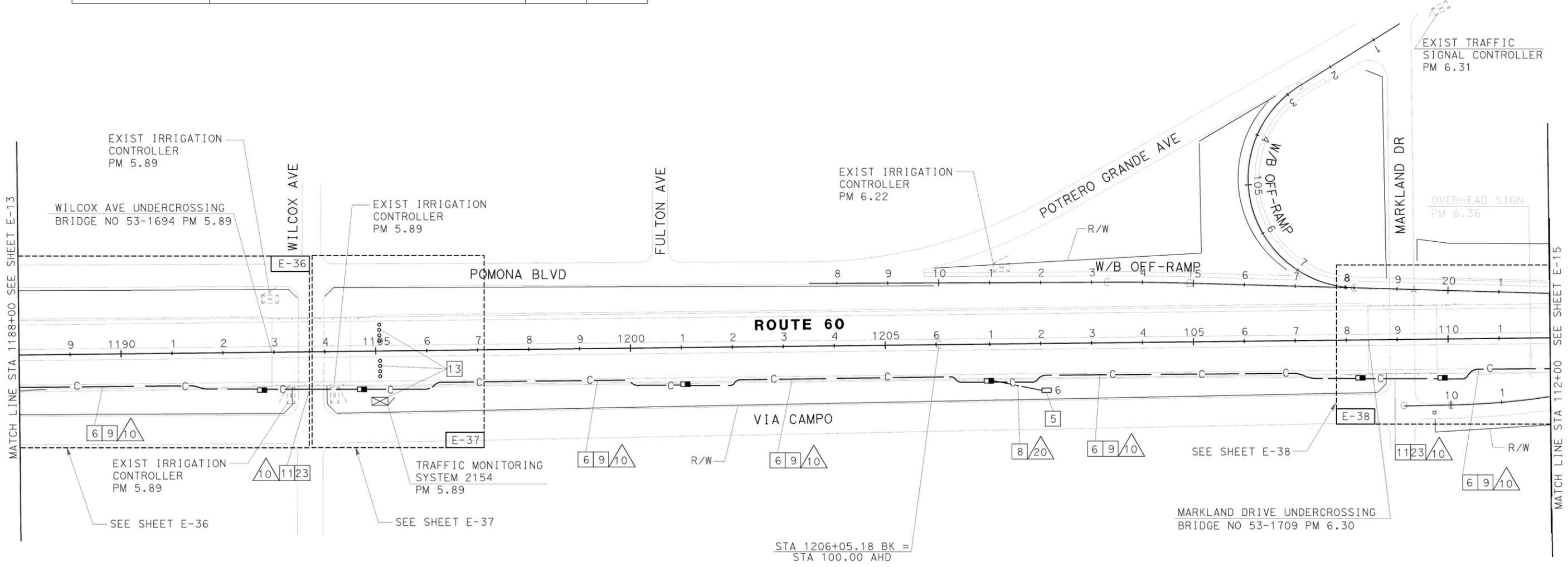
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CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)			
CONDUCTOR TYPE	FUNCTION	RUN	
		10	20
50PR22 CABLE	COMMUNICATION DATA/VOICE	1	
48SMFO	MULTIPLEXED DATA/VIDEO	1	
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION		1
6PR22 CABLE	DISTRIBUTION DATA/VOICE		1
	INNERDUCT	1 1/4" 1 1/4"	
	CONDUIT SIZE	4"	2"

CONSTRUCTION NOTES THIS SHEET:
 [23] INSTALL 4" SPARE CONDUIT(FIBERGLASS).



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
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 DATE



AS-BUILT

Contract No. 07- **1209C4**

Resident Engineer: **Paul Wang**

Completion Date: **01/28/02**

COMMUNICATION SYSTEM ROUTING

SCALE: 1" = 100' **E-14**

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



USERNAME => qcruz
DGN FILE => 71209cu14.dgn

DATE PLOTTED => 13-JUL-2007
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Alebachev Bekele
REGISTERED ELECTRICAL ENGINEER

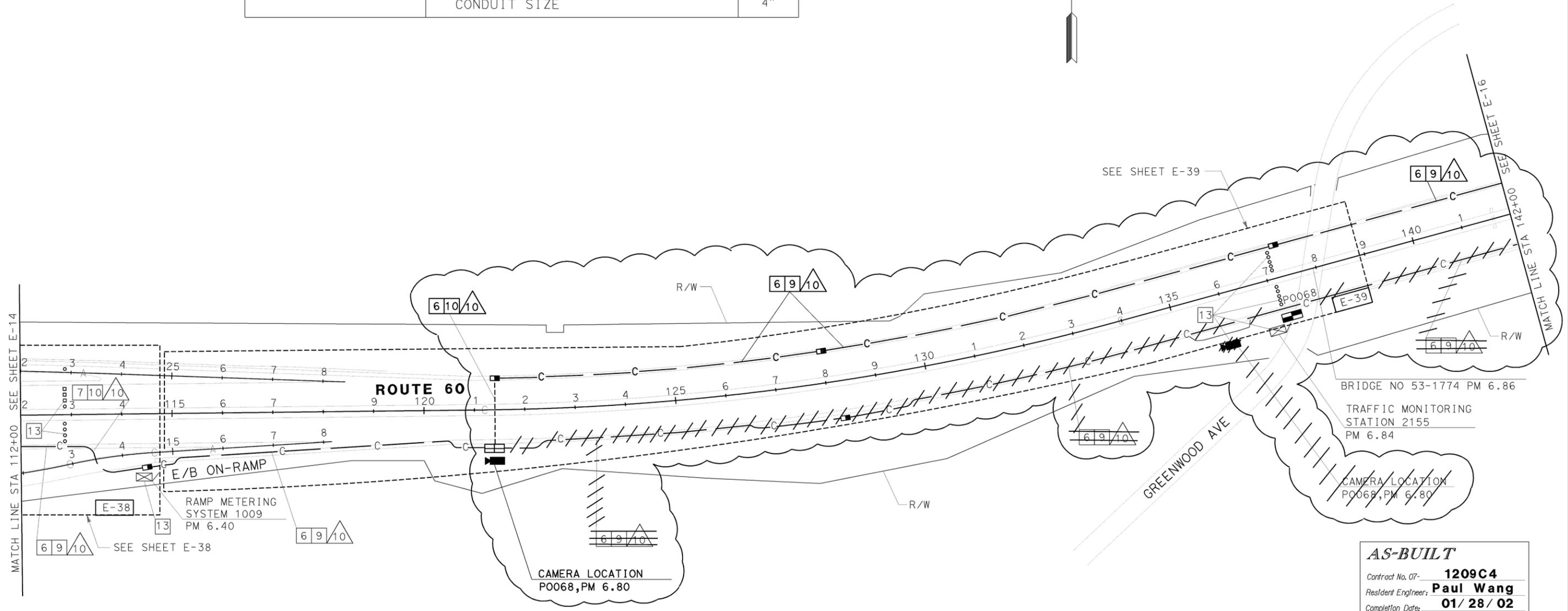
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PLANS APPROVAL DATE

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CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)		
CONDUCTOR TYPE	FUNCTION	RUN
		10
50PR22 CABLE	COMMUNICATION DATA/VOICE	1
48SMFO	MULTIPLEXED DATA/VIDEO	1
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION	1
6PR22 CABLE	DISTRIBUTION DATA/VOICE	
	INNERDUCT	1 1/4" 1 1/4"
	CONDUIT SIZE	4"



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Caltrans
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 DATE: _____
 REVISIONS:
 NO. | DATE | BY | REASON



AS-BUILT
 Contract No. 07- **1209C4**
 Resident Engineer: **Paul Wang**
 Completion Date: **01/28/02**

COMMUNICATION SYSTEM ROUTING
 SCALE: 1" = 100'
E-15

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



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 DGN FILE => 71209cu15.dgn

71209cu15.dgn 13-JUL-2007 11:04 qcruz

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 TIME PLOTTED => 11:04
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	60	0.1/11.7	102	183

Alebachev Bekele
REGISTERED ELECTRICAL ENGINEER

5-18-98
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ALEBACHEV BEKELE
No. E 15331
Exp. 06/30/01
ELECTRICAL
STATE OF CALIFORNIA

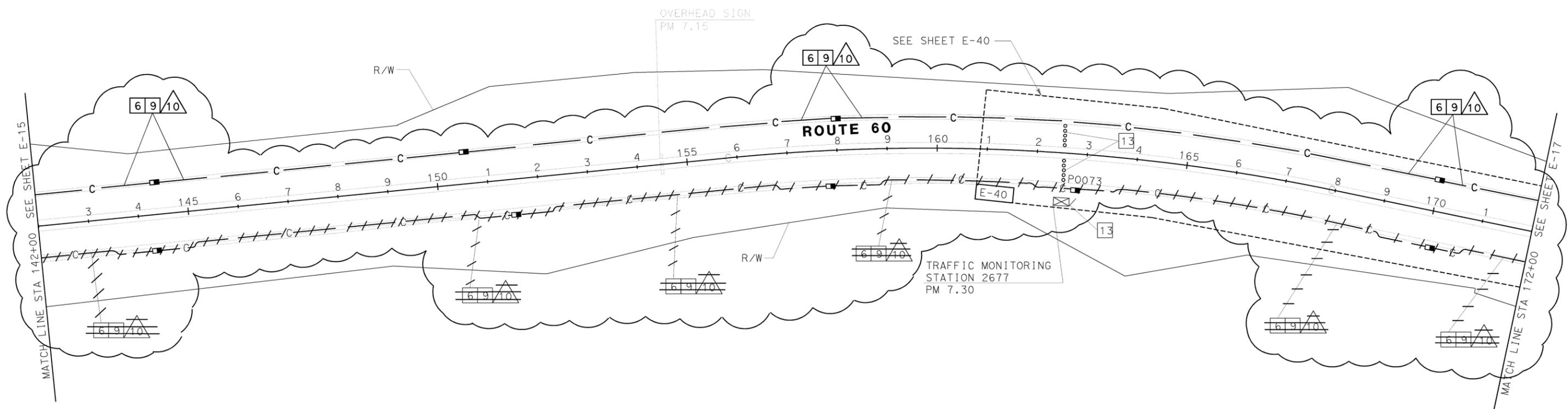
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CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN	
		1	2
50PR22 CABLE	COMMUNICATION DATA/VOICE	1	
48SMFO	MULTIPLEXED DATA/VIDEO	1	
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION		1
6PR22 CABLE	DISTRIBUTION DATA/VOICE		
	INNERDUCT	1/4"	1/4"
	CONDUIT SIZE	4"	



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AS-BUILT
 Contract No. 07- **1209C4**
 Resident Engineer: **Paul Wang**
 Completion Date: **01/28/02**

COMMUNICATION SYSTEM ROUTING

SCALE: 1" = 100'

E-16

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



USERNAME => qcruz
DGN FILE => 71209cu16.dgn

CU 07396 EA 1209C1

71209cu16.dgn 13-JUL-2007 11:04 qcruz

DATE PLOTTED => 13-JUL-2007
TIME PLOTTED => 11:04
LAST REVISION

Alebachew Bekele
REGISTERED ELECTRICAL ENGINEER

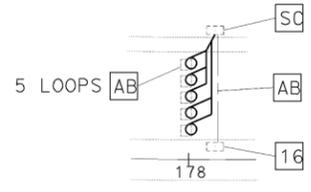
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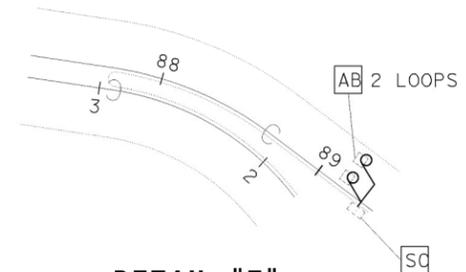
CONSTRUCTION NOTES THIS SHEET:

- 16 RC PULL BOX COVER. FILL OPENING WITH PCC AND AC TO MATCH EXISTING. (0.1' MIN AC).
- 30 RC EXISTING PULL BOX INSTALL NEW PULL BOX.

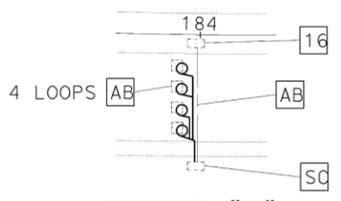
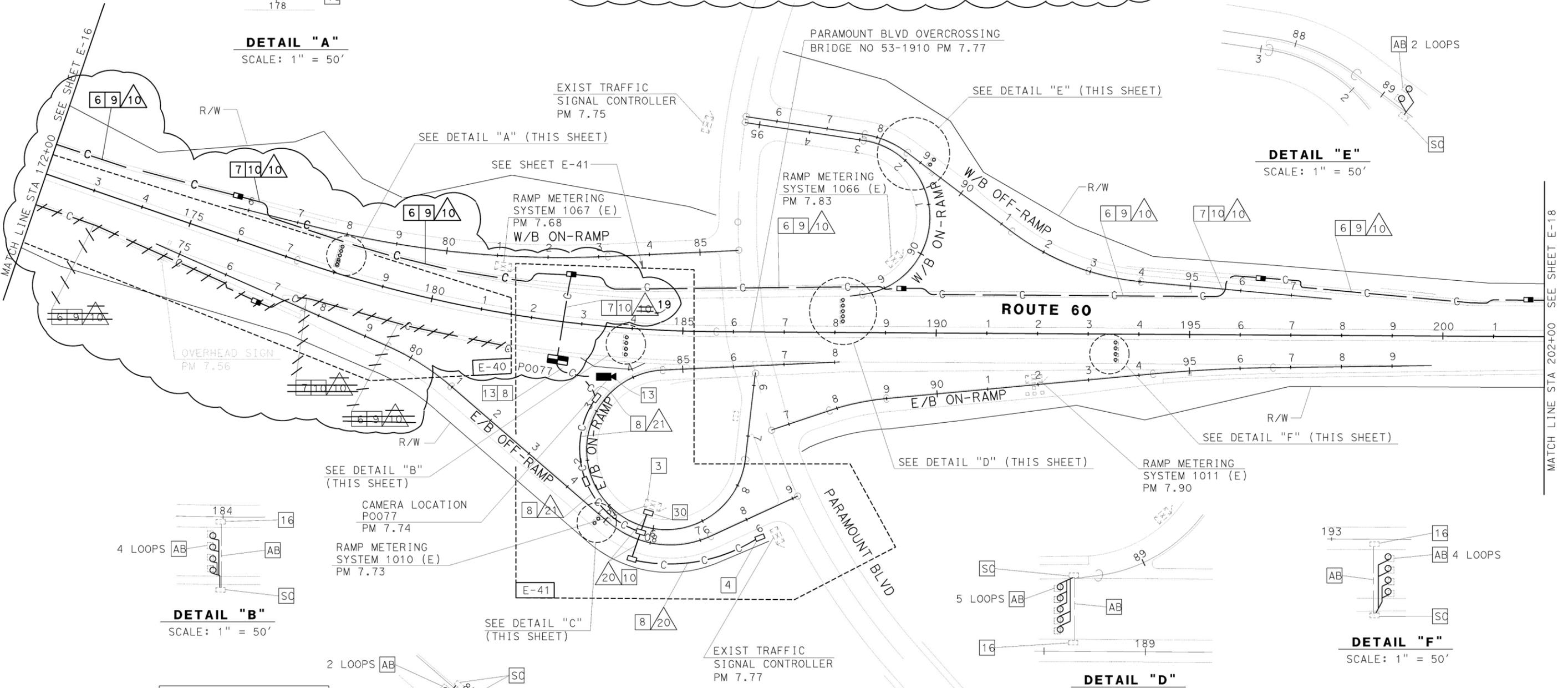
CONDUCTOR TYPE	FUNCTION	RUN			
		10	19	20	21
50PR22 CABLE	COMMUNICATION DATA/VOICE	1			
48SMFO	MULTIPLEXED DATA/VIDEO	1			
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION		1		
6PR22 CABLE	DISTRIBUTION DATA/VOICE		4		2
	INNERDUCT	1/4" 1/4"	1/4"		
2 SMFO	SHORT HAUL VIDEO		1"		
	CONDUIT SIZE	4"	4"	3"	2"



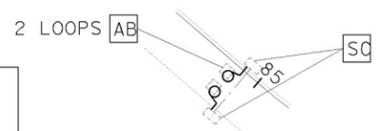
DETAIL "A"
SCALE: 1" = 50'



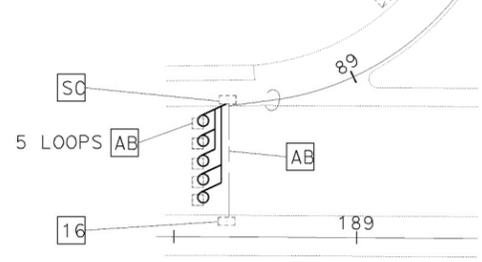
DETAIL "E"
SCALE: 1" = 50'



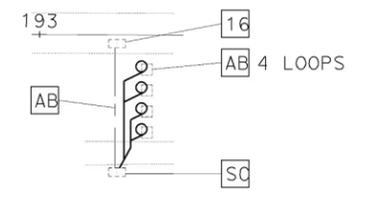
DETAIL "B"
SCALE: 1" = 50'



DETAIL "C"
SCALE: 1" = 50'



DETAIL "D"
SCALE: 1" = 50'



DETAIL "F"
SCALE: 1" = 50'

AS-BUILT

Contract No. 07-1209C4
Resident Engineer: **Paul Wang**
Completion Date: **01/28/02**

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LOOP DETECTOR AND COMMUNICATION SYSTEM ROUTING
SCALE: 1" = 100'

