INFORMATION HANDOUT

For Contract No. 07-4T6904
At 07-LA-60-R6.8/R8.6

Identified by
Project ID 0713000410

As-Builts

Fiber Optic System As-Built Drawings

Loop Detector and Communication System Routing

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

Alebachew Bekele
REGISTERED ELECTRICAL ENGINEER

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

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.

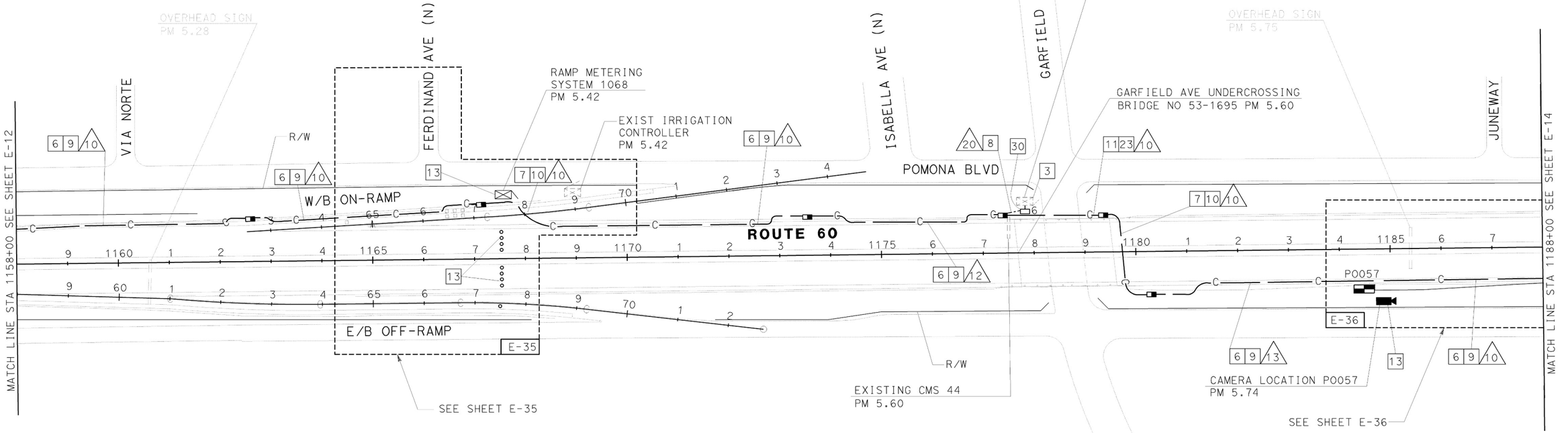
CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 10			RUN 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		1¼"	1¼"	
	CONDUIT SIZE	4"			2"

CONSTRUCTION NOTES THIS SHEET:

23 INSTALL 4" SPARE CONDUIT(FIBERGLASS).

30 RC EXISTING PULL BOX. INSTALL NEW PULL BOX.



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

COMMUNICATION SYSTEM ROUTING

SCALE: 1" = 100'

E-13

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

DESIGN OVERSIGHT
PAT SULLIVAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

CALCULATED/ DESIGNED BY | DATE | REVISED BY | DATE REVISED
CHECKED BY

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

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

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

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

CU 07396

EA 1209C1

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.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 10			RUN 20	RUN 21	RUN 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	1¼"	1¼"				
	CONDUIT SIZE	4"			2"	2"	3"

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

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

5-18-98
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CAMERA LOCATION P0042,PM 4.24

DATA NODE P0042 PM 4.24

VIDEO NODE P0042,PM 4.24

FIRST ST

EXIST IRRIGATION CONTROLLER PM 4.31

TELFORD STREET

SEE SHEET E-33

EXIST TRAFFIC SIGNAL CONTROLLER PM 4.48

RAMP METERING SYSTEM 1071 (E) PM 4.43

NORTH FRONTAGE ROAD

R/W

P0042

ROUTE 60

W/B ON-RAMP

HILLVIEW AVE

SEE DETAIL "D" (THIS SHEET)

EXIST IRRIGATION CONTROLLER PM 4.47

EXIST RMS CONTROLLER1070 PM 4.53

MATCH LINE STA 1098+00 SEE SHEET E-9

SOUTH FRONTAGE ROAD

OVERHEAD SIGN PM 4.33

SEE DETAIL "B" (THIS SHEET)

W/B ON-RAMP LOOP

MARGARET AVE

GLEASON ST

SADLER AVE

WOODS AVE

BLEAKWOOD

ROSCOMMON AVE

WESTCOTT AVE

R/W

ATLANTIC BLVD UNDERCROSSING BRIDGE NO 53-1697 PM 4.43

RAMP METERING SYSTEM 1007 (E) PM 4.37

E/B ON-RAMP LOOP

W/B OFF-RAMP

E/B OFF-RAMP

SEE DETAIL "A" (THIS SHEET)

TELFORD ST

E-33

RAMP METERING SYSTEM 1008 (E) PM 4.49

E/B ON-RAMP

MATCH LINE STA 1128+00 SEE SHEET E-12

EXIST TRAFFIC SIGNAL CONTROLLER PM 4.38

ATLANTIC BLVD

SEE DETAIL "C" (THIS SHEET)

OVERHEAD SIGN PM 4.65

DETAIL "A"
SCALE: 1" = 50'

DETAIL "B"
SCALE: 1" = 50'

DETAIL "C"
SCALE: 1" = 50'

DETAIL "D"
SCALE: 1" = 50'

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

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

LOOP DETECTOR AND COMMUNICATION SYSTEM ROUTING

SCALE: 1" = 100'

E-11

DESIGN OVERSIGHT PAT SULLIVAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION Caltrans

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CU 07396 EA 1209C1

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07	LA	60	0.1/11.7	98	183

Alebachew Bekele
REGISTERED ELECTRICAL ENGINEER

5-18-98
PLANS APPROVAL DATE

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

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DATE	REVISED BY	DATE REVISED

CALCULATED/DESIGNED BY
CHECKED BY

DESIGN OVERSIGHT
PAT SULLIVAN

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Caltrans

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	RUN 10			RUN 20
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48SMFO	MULTIPLEXED DATA/VIDEO		1		
12SMFO	CCTV CAMERA TO VIDEO DISTRIBUTION			1	
6PR22 CABLE	DISTRIBUTION DATA/VOICE				1
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CONSTRUCTION NOTES THIS SHEET:

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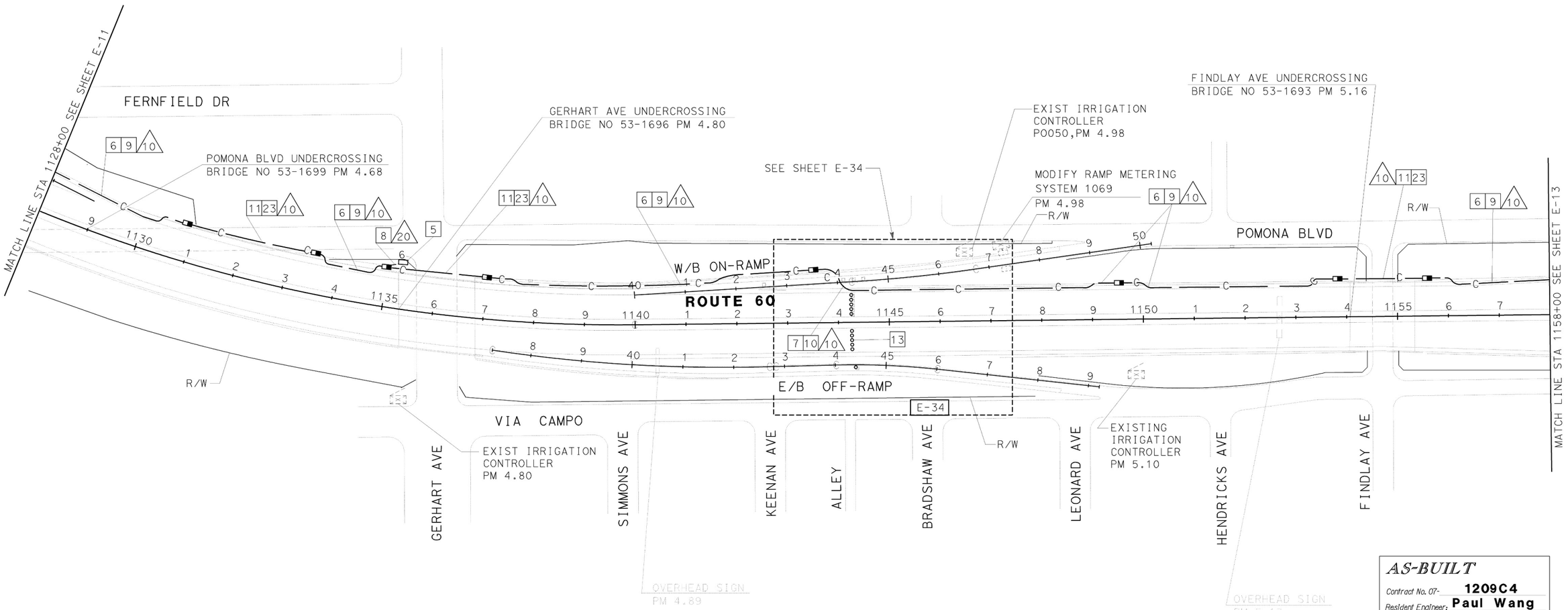

AS-BUILT
Contract No. 07- **1209C4**
Resident Engineer: **Paul Wang**
Completion Date: **01/28/02**

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

COMMUNICATION SYSTEM ROUTING

SCALE: 1" = 100'

E-12

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

FORM DC-OE-92-PF (REV. 3/88)
FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES 0 1 2 3
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CU 07396
EA 1209C1