

FOR CONTRACT NO.: 07-272404
PROJECT ID: 0700000506

INFORMATION HANDOUT

AS-BUILT PLANS

Fiber Optic System As-Built Drawings

ROUTE: 07-LA-10-14.9/16.8

3-MAR-1992 14156 07000

DEPARTMENT OF TRANSPORTATION
CALIFORNIA
TRAFFIC DESIGN
DESIGN OVERSIGHT
GREGORY B DAMICO

DATE	REVISOR	DATE	REVISOR
4/92	CF	4/92	10/92
DATE	CHECKED BY	DATE	CHECKED BY
4/92	10	4/92	10/92

GENERAL NOTES:

- CCTV LOCATION PLANS ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY THE SCOPE AND GENERAL ARRANGEMENT OF EQUIPMENT AND CONDUIT. THE LOCATION OF ITEMS NOT DIMENSIONED ARE APPROXIMATIONS ONLY. THE OPTIMUM LOCATIONS SHALL BE DETERMINED AT THE PROJECT SITE AND SHALL HAVE THE APPROVAL OF THE ENGINEER BEFORE BEING INSTALLED.
- CONDUITS BEING PLACED TO EXISTING RAMP METER CONTROLLERS, CMS CONTROLLERS, AND TELEPHONE COMPANY/CALTRANS DEMARCATION BOXES TERMINATE IN EXISTING ADJACENT PULL BOX. IF NONE EXIST, PLACE CALTRANS PULL BOX 5' OR 5 (T), AS LOCATION WARRANTS AND AS DIRECTED BY THE ENGINEER.
- ALL 2" AND 4" POLYVINYL CHLORIDE CONDUIT SHALL BE CONSIDERED RIGID NON-METALLIC CONDUIT.

CONDUIT AND CONDUCTOR SCHEDULE

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
CAMERA VIDEO INTERFACE CABLE																				1
PAN/TILT CONTROL CABLE																				1
LENS CONTROL CABLE																				1
CAMERA POWER CABLE																				1
CAMERA GROUND CABLE																				1
SINGLE MODE FIBERS		2	2	72	72	72	12	6	12											2
MULTI MODE FIBERS							6	18	6	6	2									6
COPPER TRUNK CABLE TWISTED PAIR							25	100		50	50									1
2 PAIR COMMUNICATION DISTRIBUTION CABLE							2	2	2	2	2	1								1
INNER DUCT				2	2	2	2	2	2	2	2	1								1
CONDUIT DIAMETER (INCHES)	(MT) 4	4	4	4	2	4	4	2	4	4	2	2	2	2	2	2	2	2	2	2

LEGEND (SHEETS E-1 THROUGH E-74)

- NX NO CROSSCONNECT
- 2W 2-WIRE CIRCUIT
- 4W 4-WIRE CIRCUIT (4WTO)
- FXS FOREIGN EXCHANGE SUBSCRIBER
- FXO FOREIGN EXCHANGE OFFICE
- CCTV CAMERA LOCATION (100 SCALE)
- CCTV CAMERA AND POLE
- SPLICE BOX SEE E-48 AND E-49
- 2 1/2' x 4' x 3' PULL BOX SEE E-48 AND E-49
- EXISTING CONTROLLER CABINET WITH CIRCUIT IDENTIFICATION (FOR INFORMATION ONLY)
- CCTV 334 CABINET
- COMMUNICATION CONDUIT
- POWER SERVICE CONDUIT
- EXISTING TELEPHONE DEMARCATION CABINET WITH CIRCUIT IDENTIFICATION (FOR INFORMATION ONLY)
- EXISTING 4-INPUT 4-WIRE AUDIO BRIDGE (TELLABS 4445) LOCATED IN CONTROLLER CABINET (XXX INDICATES CABINET NUMBER)
- TELEPHONE BRIDGE DUAL 5-WAY ACTIVE BRIDGE (X INDICATES SHELF NUMBER)
- SURGE PROTECTOR
- EQUIPMENT GROUND
- CIRCUIT BREAKER
- DUPLEX RECEPTACLE
- EXISTING DETECTOR LOOPS
- VSK VIDEO SWITCH KEYPAD
- CCK CAMERA CONTROL KEYPAD
- MR MONITOR RACK
- EQ RACK EQUIPMENT RACK
- O/E OPTICAL TO ELECTRICAL
- E/O ELECTRICAL TO OPTICAL
- M/M MULTIMODE FIBER
- SA 069 CCTV IDENTIFICATION NUMBER: PLACE ON STRUCTURE WITH RAISED OR RECESSED FIGURES OR ON POLE ABOVE 10', IN 3" CHARACTERS
 - SA 069 (SANTA ANA, PM)
 - SA S00 (SANTA ANA, SPUR, PM)
 - HO 012 (HOLLYWOOD, PM)

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5, 101	6.8/16.9, 0.0/1.8	31	133

5/29/92
REGISTERED CIVIL ENGINEER
3-15-93
PLANS APPROVAL DATE
DeLeuw, Cather and Company
100 W. Walnut Street
Pasadena, CA 91124

FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES

AS BUILT 118604
Contract No. 07-
Resident Engineer: *[Signature]*
Completion Date: September 17, 1997

**CCTV COMMUNICATION SYSTEM
CONDUIT AND CONDUCTOR
SCHEDULE AND LEGEND**
NO SCALE

E-1

CU 07387 EA 118601

CALCULATED/DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____
 REVISIONS: _____
 DATE REVISED: _____
 DESIGN OVERSIGHT: GLORIA GWYNNE
 TRAFFIC DESIGN

FOR EXISTING UTILITIES
SEE SHEET U 6

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE
ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS
AT DISTRICT OFFICE.

- PROJECT NOTES:
- 1 INSTALL CONDUIT IN SLOPED EMBANKMENT.
 - 2 INSTALL CONDUIT IN NON PAVED AREA.
 - 3 INSTALL CONDUIT IN SLOPED EMBANKMENT UNDER EUCLID ST. UC STRUCTURE.
 - 4 JACK CONDUIT UNDER FREEWAY.
 - 5 SEE DRAWING FOR CAMERA LOCATION 24 FOR POWER WIRING TO BE PROVIDED IN Δ

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5, 101	6.816.0.0.11.8	37	133

Thomas M. Wilson 4/17/98
 REGISTERED CIVIL ENGINEER
 3-15-93
 PLANS APPROVAL DATE
 DeLeuw, Cather and Company
 100 W. Walnut Street
 Pasadena, CA 91124

REGISTERED PROFESSIONAL ENGINEER

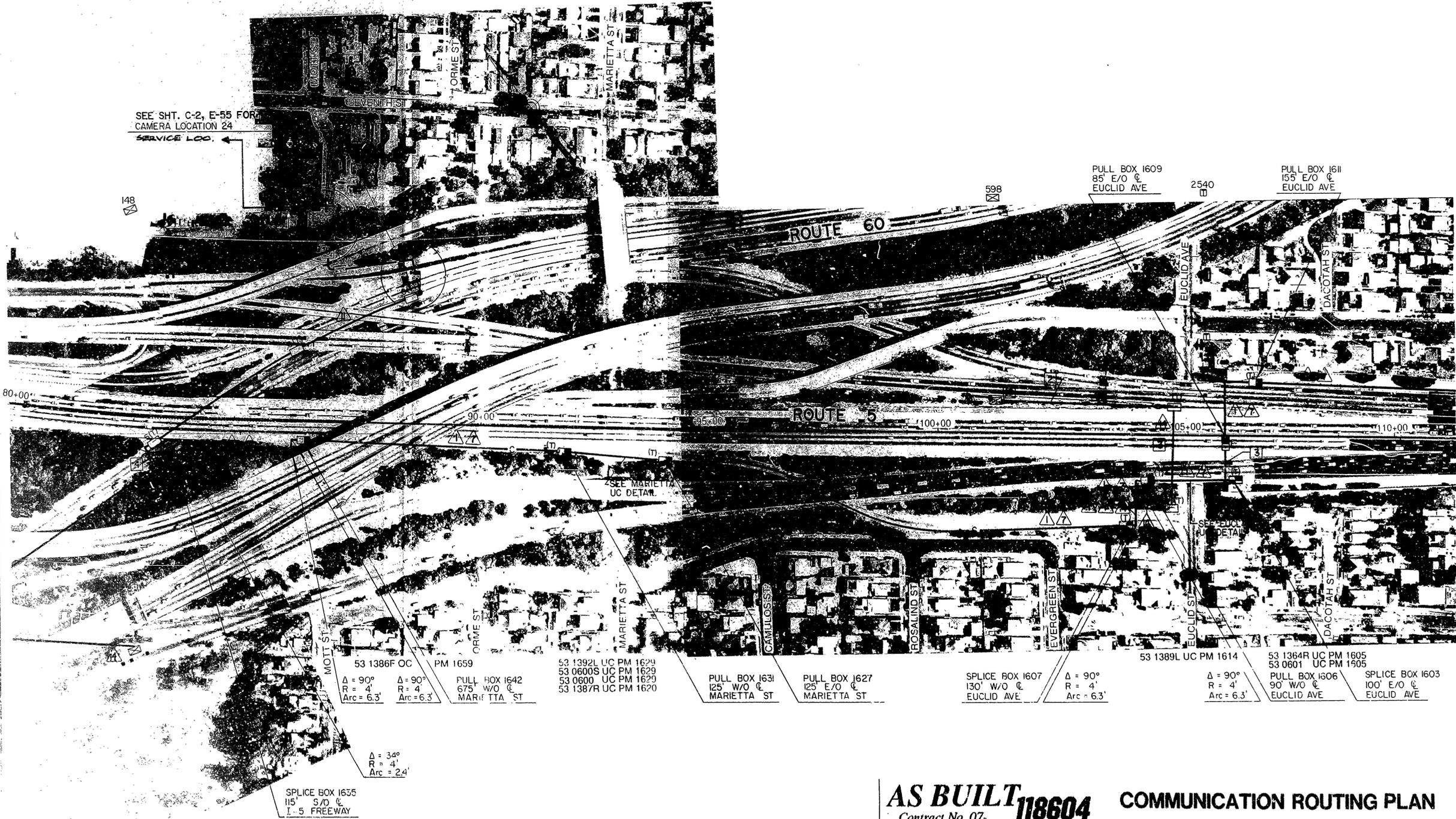
T.M. WILSON

No. 43560

Exp. 6/30/96

CIVIL

STATE OF CALIFORNIA



AS BUILT 118604
 Contract No. 07-118604
 Resident Engineer: Luke Nguyen
 Completion Date: September 17, 1997

COMMUNICATION ROUTING PLAN
 E-7
 SCALE 1" = 100'

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY
 FOR REDUCED PLANS ORIGINAL SCALE IS IN INCHES



CU 07387 EA 118601

FOR EXISTING UTILITIES
SEE SHEET U 7

NOTE: FOR COMPLETE RIGHT OF WAY AND ACCURATE
ACCESS DATA, SEE RIGHT OF WAY RECORD
MAPS AT DISTRICT OFFICE.

- PROJECT NOTES:
1. INSTALL CONDUIT IN NON PAVED AREA
 2. INSTALL CONDUIT OUTSIDE CURB IN NON PAVED AREA
 3. INSTALL CONDUIT IN SLOPED EMBANKMENT UNDER INDIANA ST. UC STRUCTURE.
 4. JACK CONDUIT UNDER FREEWAY.
 5. SEE DRAWINGS FOR CAMERA LOCATIONS 22 & 23 FOR POWER WIRING TO BE PROVIDED IN Δ

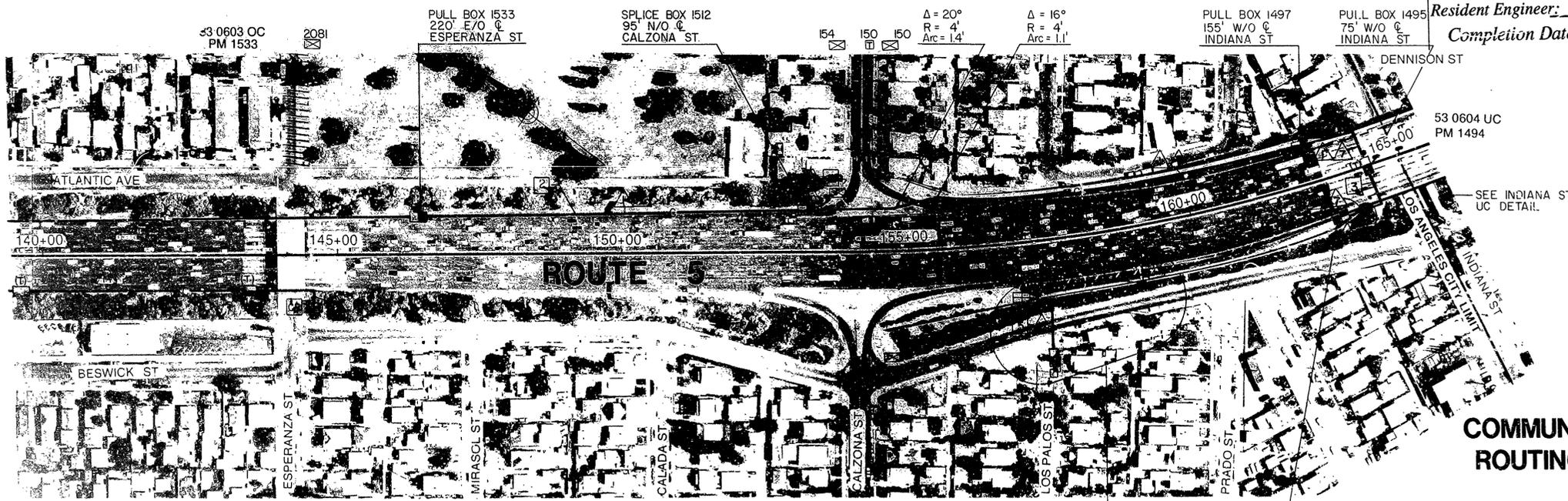
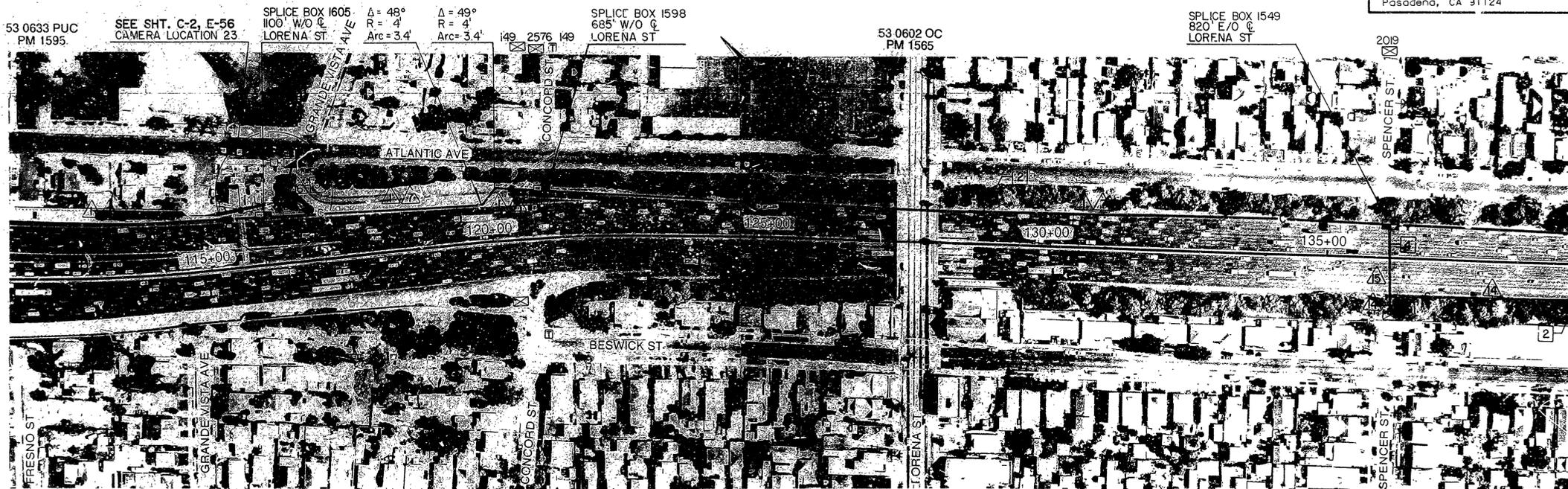
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	5, 101	6.81/6.9, 0.0/1.8	38	133

Thomas M. Wilson 4/17/92
REGISTERED CIVIL ENGINEER

3-15-93
PLANS APPROVAL DATE

DeLew, Cather and Company
100 W. Walnut Street
Pasadena, CA 91124

T.M. WILSON
No. 43560
Exp. 6/30/96
CIVIL
STATE OF CALIFORNIA



AS BUILT 118604
Contract No. 07-**118604**
Resident Engineer: **Luke Nguyen**
Completion Date: **September 17, 1997**

**COMMUNICATION
ROUTING PLAN**

E-8
SCALE 1" = 100'

NOTE: THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY

FOR REDUCED PLANS
ORIGINAL SCALE IS IN INCHES



CU 07387

EA 118601

REVISOR

DATE

D.R.

CHECKED BY

E.C.

DESIGNED BY

DESIGN OVERSIGHT

GLORIA GWYNNE

DEPARTMENT OF TRANSPORTATION
TRAFFIC DESIGN

SHEET
CC-10