

INFORMATION HANDOUT

For Contract No. 07-4T6104

At 07-LA-101-16.7

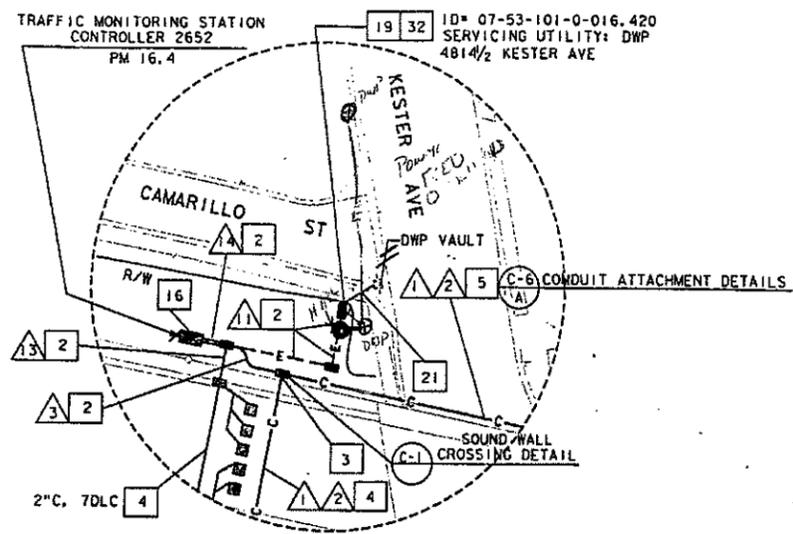
Identified by

Project ID 0712000200

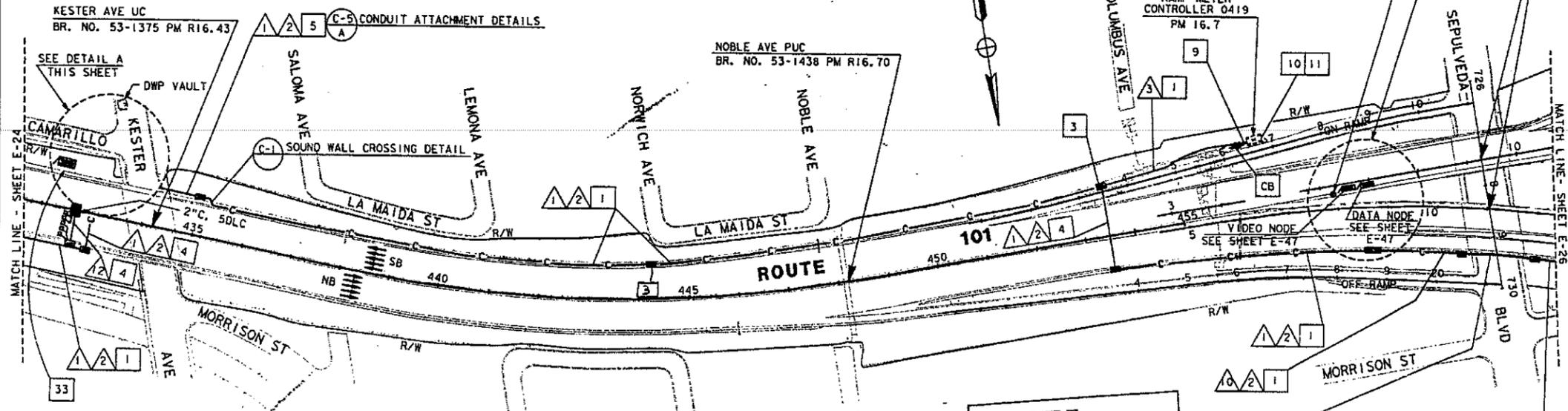
MATERIALS INFORMATION

Fiber optics system as-built drawings

DATE REVISIONS BY DATE REVISIONS BY
 2/7/95 ES
 5/95 JZ
 PROJECT ENGINEER PAT SULLIVAN
 DEPARTMENT OF TRANSPORTATION
 STATE OF CALIFORNIA
 Galtrans



DETAIL A
NO SCALE



CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR TYPE	FUNCTION	1"	1 1/4"	2"	3"	4"	6"	8"	10"	12"
50P22 CABLE	DATA /PHONE									
6P22 CABLE	DATA /PHONE									
72 SMFO CABLE	VIDEO/DATA									
12 SMFO CABLE	SH VIDEO									
#B	POWER					2				2
DLC	TMS								3	10
	INNERDUCT		1/4" 1/4"			1/4" 1/4"				
CONDUIT	SIZE		4"	4"	2"	4"	2"	2"	2"	3"

PROJECT NOTES: (THIS SHEET ONLY)

- INSTALL CONDUIT(S) IN TRENCH IN PAVED SHOULDER. MAINTAIN A MINIMUM DISTANCE OF 4 FEET FROM EDGE OF TRAVELWAY. SEE SHEET E-52 FOR DETAILS.
- INSTALL CONDUIT(S) IN TRENCH IN SOIL OFF OF THE SHOULDER. SEE SHEET E-51 FOR DETAILS.
- INSTALL COMMUNICATION PULL BOX WITH TWISTED-PAIR SPLICE CLOSURE. SEE SHEETS E-55 AND E-56 FOR DETAILS.
- JACK RIGID STEEL CONDUIT(S) UNDER ROADWAY. SEE SHEET E-53 FOR DETAILS.
- INSTALL FIBERGLASS REINFORCED EPOXY (FRE) CONDUIT(S) ON STRUCTURE. SEE SHEETS C-4 TO C-11 FOR DETAILS.
- ADD CABLE(S) AND CONNECT TO CONTROLLER.
- INSTALL TELEPHONE BRIDGE AND 12-PAIR TERMINAL BLOCK IN CONTROLLER CABINET. SEE SHEETS E-58 AND E-60 FOR DETAILS.
- DISCONNECT EXISTING TELCO DEMARCATION CABLE ONLY AFTER TESTING ALL INSTALLED EQUIPMENT, VERIFYING THE INSTALLATION IS OPERATIONAL AND GETTING APPROVAL FROM THE ENGINEER.
- INSTALL TYPE 334 CABINET ON NEW FOUNDATION. INSTALL STATE-FURNISHED MODEL 170 CONTROLLER AND LOOP DETECTOR SENSORS. INSTALL TELEPHONE BRIDGE AND 12-PAIR TERMINAL BLOCK. SEE SHEET E-59 AND SHEET E-60.
- INSTALL ON NEW FOUNDATION TYPE 111-BF 100A, 120/240V SERVICE WITH A 100A, 240V MAIN CIRCUIT BREAKER.
- INSTALL 3" RIGID STEEL CONDUIT. UTILITY COMPANY TO INSTALL CONDUCTORS.
- INSTALL ONE 30A, 120V, SINGLE POLE CIRCUIT BREAKER FOR TMS.
- INSTALL GATE IN EXISTING SOUNDWALL. SEE SHEETS C-2 AND C-3 FOR DETAILS.

DIST	COUNTY	ROUTE	POST MILE'S TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	101	RA. 4/R17.1	89	154

2/17/95
 REGISTERED ELECTRICAL ENGINEER
 ELIA G. SAGHIR
 No. E014922
 Exp. 6/30/95
 ELECTRICAL
 STATE OF CALIFORNIA

10-10-95
 PLANS APPROVAL DATE

NATIONAL ENGINEERING TECHNOLOGY
 14320 FIRESTONE BLVD., SUITE 100
 LA MIRADA, CA 90638

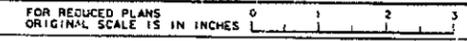
IN ASSOCIATION WITH:
 RAYTHEON INFRASTRUCTURE SERVICES, INC.
 ABRATIQUO AND ASSOCIATES, INC.

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.

AS-BUILT
 Contract No. 07- 120724
 Resident Engineer: MANNAA, H.
 Completion Date: 04/20/1999

**TRAFFIC MONITORING STATION,
 CCTV AND COMMUNICATION
 SYSTEM ROUTING**
 SCALE: 1"=100'
E-25

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



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