

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
7	LA	210	R24.7/R44.9	126	274

6/26/15  
 REGISTERED CIVIL ENGINEER DATE  
 7-27-15  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 STEPHEN PATRICK ALAN CROUCH  
 No. C 59969  
 Exp. 6-30-16  
 CIVIL  
 STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

HDR ENGINEERING, INC.  
 3230 EL CAMINO REAL  
 SUITE 200  
 IRVINE, CA 92602-1377

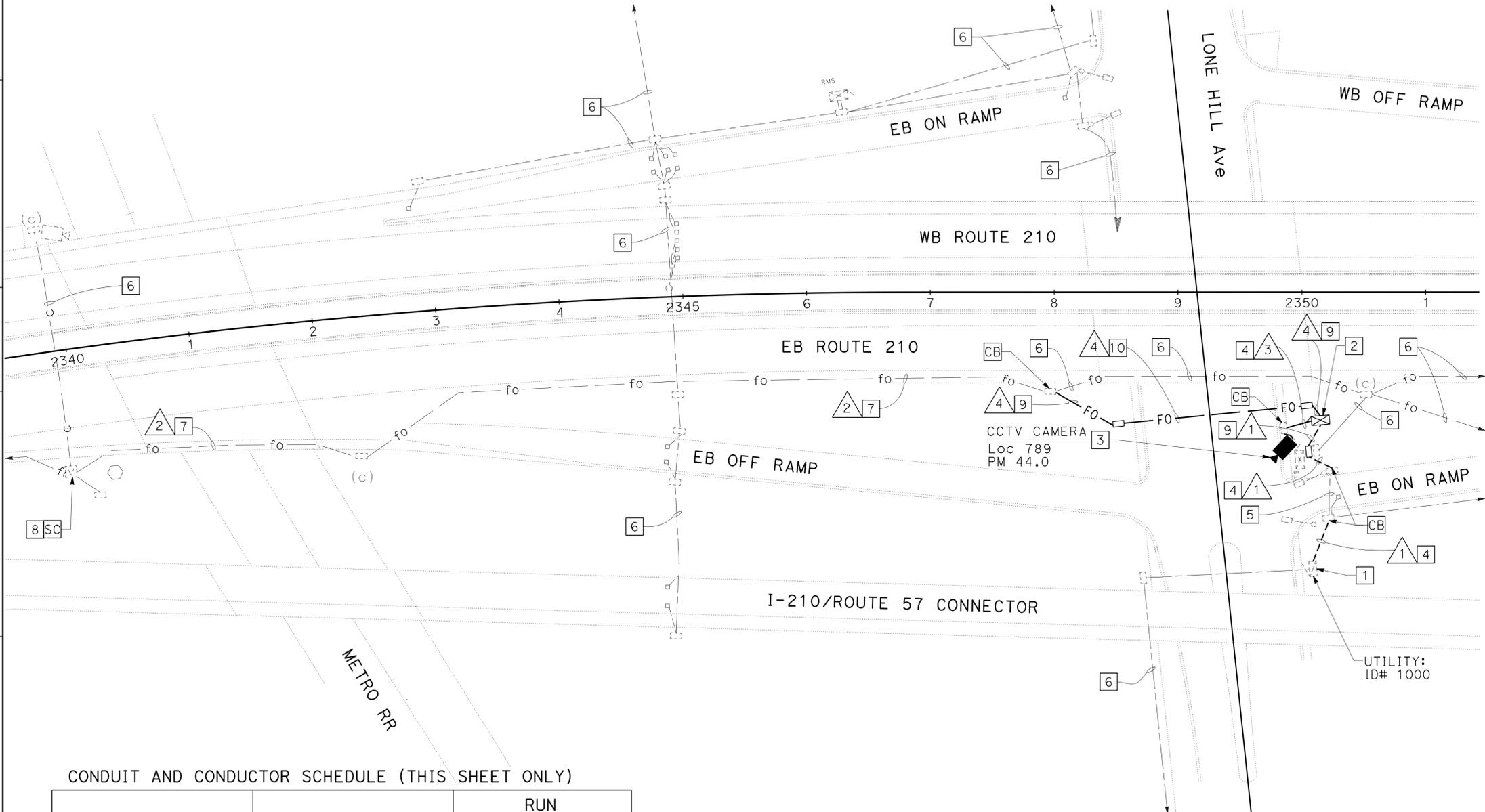
CALTRANS  
 DISTRICT 7  
 100 S. MAIN STREET  
 LOS ANGELES, CA 90012



**NOTES:**

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- FOR LEGEND, ABBREVIATIONS, AND NOTES SEE SHEET E-1.

REVISOR: BRIAN REDSUN, TREVOR MILLICAN  
 CHECKED BY: STEPHEN CROUCH  
 SUPERVISOR: STEPHEN CROUCH  
 DESIGNED BY: STEPHEN CROUCH  
 TRANSPORTATION: DEPARTMENT OF TRANSPORTATION  
 CALTRANS



- LEGEND: (THIS SHEET ONLY)**
- INSTALL NEW CIRCUIT BREAKER IN EXISTING TYPE III-BF METERED SERVICE EQUIPMENT ENCLOSURE WITH:  
METER 1  
 1-100 A, 240 V, 2P MAIN DISCONNECT  
 1-15 A, 120 V, 1P PEU  
 1-30 A, 240 V, 2P LIGHTING  
 1-30 A, 240 V, 2P LIGHTING  
 ADD 1-30 A, 120 V, 1P CCTV Loc 789 PM 44.0 (NEW)
  - INSTALL MODEL 334-TV CONTROLLER CABINET ON NEW FOUNDATION. INSTALL FDU, LAYER 2 ETHERNET SWITCH, DIGITAL FIELD VIDEO ENCODER IN THE CCTV CONTROLLER. SEE SHEET E-189 FOR DETAILS.
  - INSTALL DOME TYPE CCTV CAMERA ON EXISTING SIGNAL POLE. INSTALL CAMERA ASSEMBLY PER STANDARD PLAN ES-7R DETAIL D. SEE SHEET E-188 FOR DETAILS.
  - TRENCH AND INSTALL CONDUIT IN SIDEWALK. SEE SHEET E-185 FOR DETAILS.
  - ADD 2#6, 1#8G, TO EXISTING 2"C.
  - EXISTING SHOWN FOR REFERENCE ONLY.
  - ADD 12 SMFO IN OPEN INNERDUCT IN EXISTING 4" CONDUIT. SEE SHEET E-37.
  - SEE SHEET E-183 FOR SPLICING.
  - TRENCH AND INSTALL CONDUIT IN SOIL. SEE SHEET E-185 FOR DETAILS.
  - JACK 3" CONDUIT BENEATH ROADWAY. SEE SHEET E-184 FOR DETAILS.

CONDUIT AND CONDUCTOR SCHEDULE (THIS SHEET ONLY)

CONDUCTOR	FUNCTION	RUN			
		1	2	3	4
12SMFO CABLE	DATA/VIDEO	-	1	-	1
CAMERA CABLE ASSY	DATA DISTRIBUTION	-	-	1	-
No. 6 AWG	POWER CABLE	2	-	-	-
No. 8 AWG	GROUNDING	1	-	-	-
1 INCH INNERDUCT		-	1	-	1
CONDUIT SIZE		2"	4"(E)	2"	3"

ALL CONDUIT, CABLES AND CONDUCTORS ARE NEW UNLESS OTHERWISE NOTED.  
(E) EXISTING

(LOCATION 789)

**2** REPLACED PER ADDENDUM No. 2 DATED NOVEMBER 16, 2015

**CLOSED CIRCUIT TELEVISION CAMERA**

SCALE: 1" = 50'

**E-85**