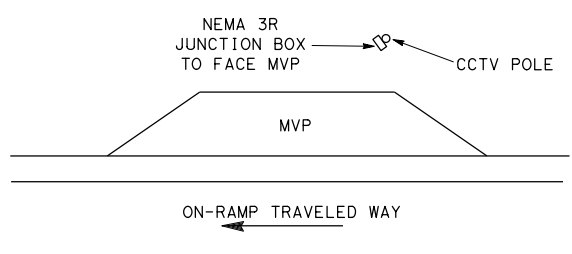


**NOTES: (THIS SHEET ONLY)**

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

**LEGEND: (THIS SHEET ONLY)**

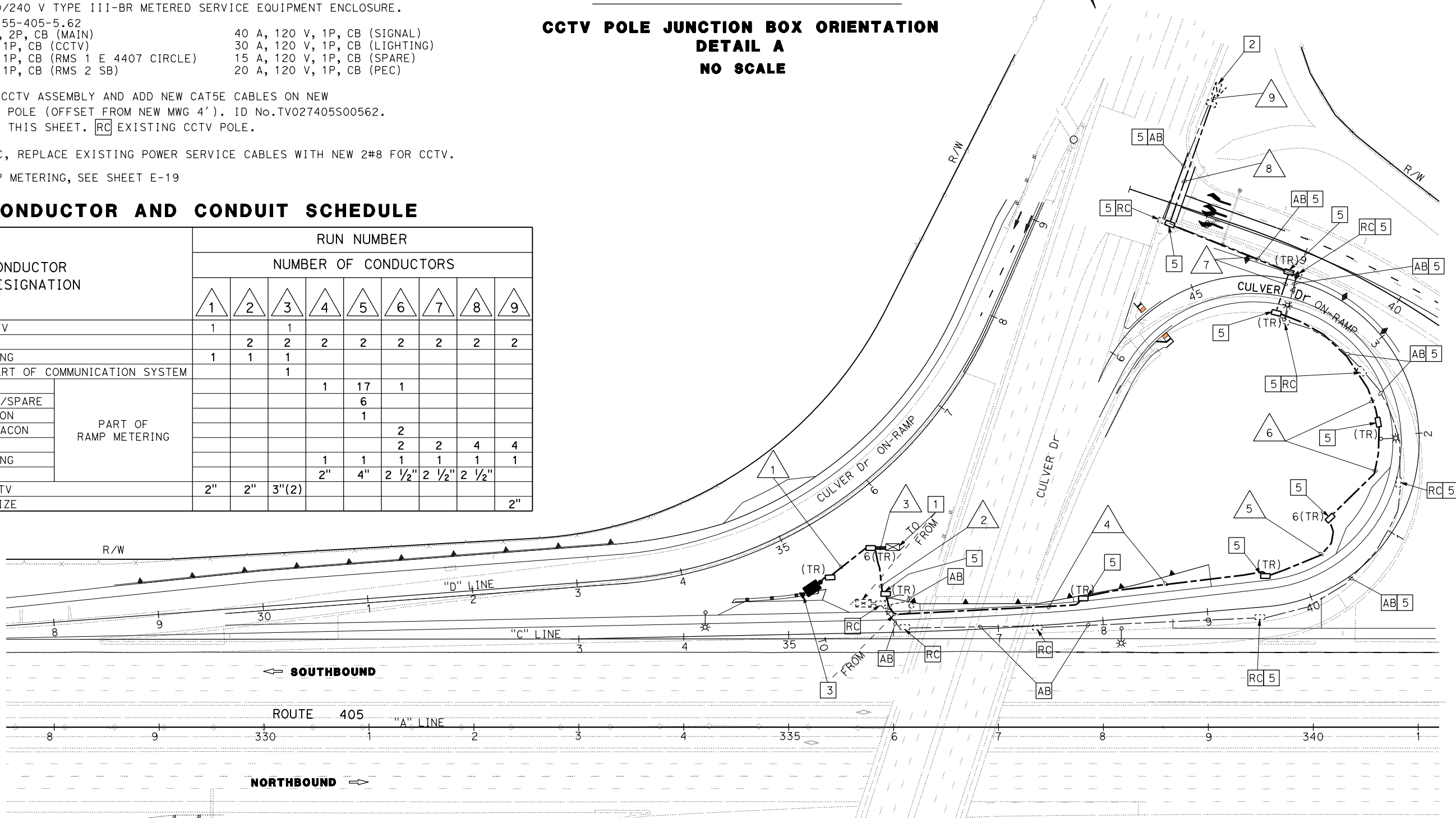
- 1 [RL] EXISTING MODEL 334 CCTV EQUIPMENT ENCLOSURE COMPLETE ON NEW FOUNDATION. PROVIDE MINIMUM 30' SETBACK FROM ETW.
- 2 EXISTING 120/240 V TYPE III-BR METERED SERVICE EQUIPMENT ENCLOSURE.  
 Iden No. 12-55-405-5.62  
 100 A, 240 V, 2P, CB (MAIN)                      40 A, 120 V, 1P, CB (SIGNAL)  
 30 A, 120 V, 1P, CB (CCTV)                      30 A, 120 V, 1P, CB (LIGHTING)  
 30 A, 120 V, 1P, CB (RMS 1 E 4407 CIRCLE)      15 A, 120 V, 1P, CB (SPARE)  
 30 A, 120 V, 1P, CB (RMS 2 SB)                20 A, 120 V, 1P, CB (PEC)
- 3 [RL] EXISTING CCTV ASSEMBLY AND ADD NEW CAT5E CABLES ON NEW TYPE 45 CCTV POLE (OFFSET FROM NEW MWG 4'). ID No. TV027405S00562. SEE DETAIL A THIS SHEET. [RC] EXISTING CCTV POLE.
- 4 EXISTING 2"C, REPLACE EXISTING POWER SERVICE CABLES WITH NEW 2#8 FOR CCTV.
- 5 PART OF RAMP METERING, SEE SHEET E-19



**CCTV POLE JUNCTION BOX ORIENTATION  
DETAIL A  
NO SCALE**

**CONDUCTOR AND CONDUIT SCHEDULE**

CONDUCTOR DESIGNATION	RUN NUMBER								
	NUMBER OF CONDUCTORS								
	1	2	3	4	5	6	7	8	9
CAT5E CABLE CCTV	1		1						
#8 CCTV SERVICE		2	2	2	2	2	2	2	2
#8 BARE GROUNDING	1	1	1						
TYPE D CABLE PART OF COMMUNICATION SYSTEM			1						
DLC				1	17	1			
#14 RAMP SIGNAL/SPARE					6				
#10 SIGNAL COMMON					1				
#12 FLASHING BEACON						2			
#8 SERVICE						2	2	4	4
#8 BARE GROUNDING				1	1	1	1	1	1
CONDUIT SIZE				2"	4"	2 1/2"	2 1/2"	2 1/2"	
CONDUIT SIZE CCTV	2"	2"	3"(2)						
Exist CONDUIT SIZE									2"



**ELECTRICAL EXAMPLE K5, MODIFYING EXISTING ELECTRICAL SYSTEMS, MODIFYING CCTV**

**MODIFYING CLOSED CIRCUIT TELEVISION SYSTEM**

APPROVED FOR ELECTRICAL WORK ONLY

**MODIFYING EXISTING ELECTRICAL SYSTEM**

SCALE: 1" = 50'

**E-18**

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED ELECTRICAL ENGINEER DATE \_\_\_\_\_

PLANS APPROVAL DATE \_\_\_\_\_

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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** ELECTRICAL DESIGN

FUNCTIONAL SUPERVISOR  
CALCULATED-DESIGNED BY  
CHECKED BY

REVISED BY  
DATE REVISED

REVISIONS