

Dist	COUNTY	ROUTE	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.

REGISTERED PROFESSIONAL ENGINEER  
No. \_\_\_\_\_  
Exp. \_\_\_\_\_  
ELECTRICAL  
STATE OF CALIFORNIA

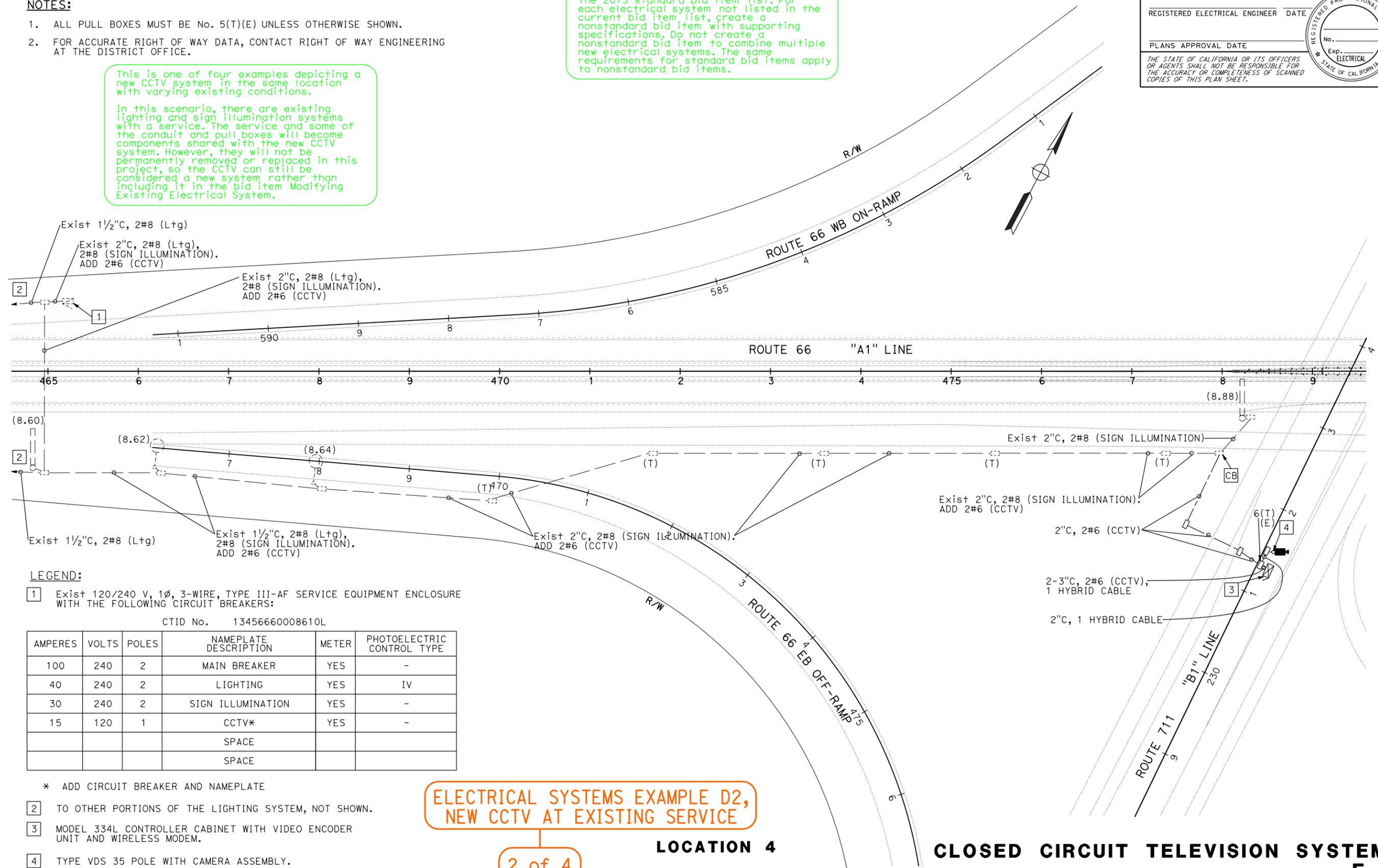
**NOTES:**

1. ALL PULL BOXES MUST BE No. 5(T)(E) UNLESS OTHERWISE SHOWN.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

This is one of four examples depicting a new CCTV system in the same location with varying existing conditions.

In this scenario, there are existing lighting and sign illumination systems with a service. The service and some of the conduit and pull boxes will become components shared with the new CCTV system. However, they will not be permanently removed or replaced in this project, so the CCTV can still be considered a new system rather than including it in the bid item Modifying Existing Electrical System.

Closed Circuit Television is an example of an electrical system not listed in the 2015 standard bid item list. For each electrical system not listed in the current bid item list, create a nonstandard bid item with supporting specifications. Do not create a nonstandard bid item to combine multiple new electrical systems. The same requirements for standard bid items apply to nonstandard bid items.



**LEGEND:**

1 Exist 120/240 V, 1Ø, 3-WIRE, TYPE III-AF SERVICE EQUIPMENT ENCLOSURE WITH THE FOLLOWING CIRCUIT BREAKERS:

CTID No. 13456660008610L

AMPERES	VOLTS	POLES	NAMEPLATE DESCRIPTION	METER	PHOTOELECTRIC CONTROL TYPE
100	240	2	MAIN BREAKER	YES	-
40	240	2	LIGHTING	YES	IV
30	240	2	SIGN ILLUMINATION	YES	-
15	120	1	CCTV*	YES	-
			SPACE		
			SPACE		

- \* ADD CIRCUIT BREAKER AND NAMEPLATE
- 2 TO OTHER PORTIONS OF THE LIGHTING SYSTEM, NOT SHOWN.
- 3 MODEL 334L CONTROLLER CABINET WITH VIDEO ENCODER UNIT AND WIRELESS MODEM.
- 4 TYPE VDS 35 POLE WITH CAMERA ASSEMBLY.

**ELECTRICAL SYSTEMS EXAMPLE D2, NEW CCTV AT EXISTING SERVICE**

**2 of 4**

**LOCATION 4**

APPROVED FOR ELECTRICAL WORK ONLY

**CLOSED CIRCUIT TELEVISION SYSTEM E-1**

SCALE: 1" = 50'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Stantec** ELECTRICAL DESIGN  
 FUNCTIONAL SUPERVISOR  
 CALCULATED-DRAWN BY  
 CHECKED BY  
 REVISED BY  
 DATE REVISED