

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.



LEGEND (FOR THIS SHEET ONLY):

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

CTID No. 13451980010020T

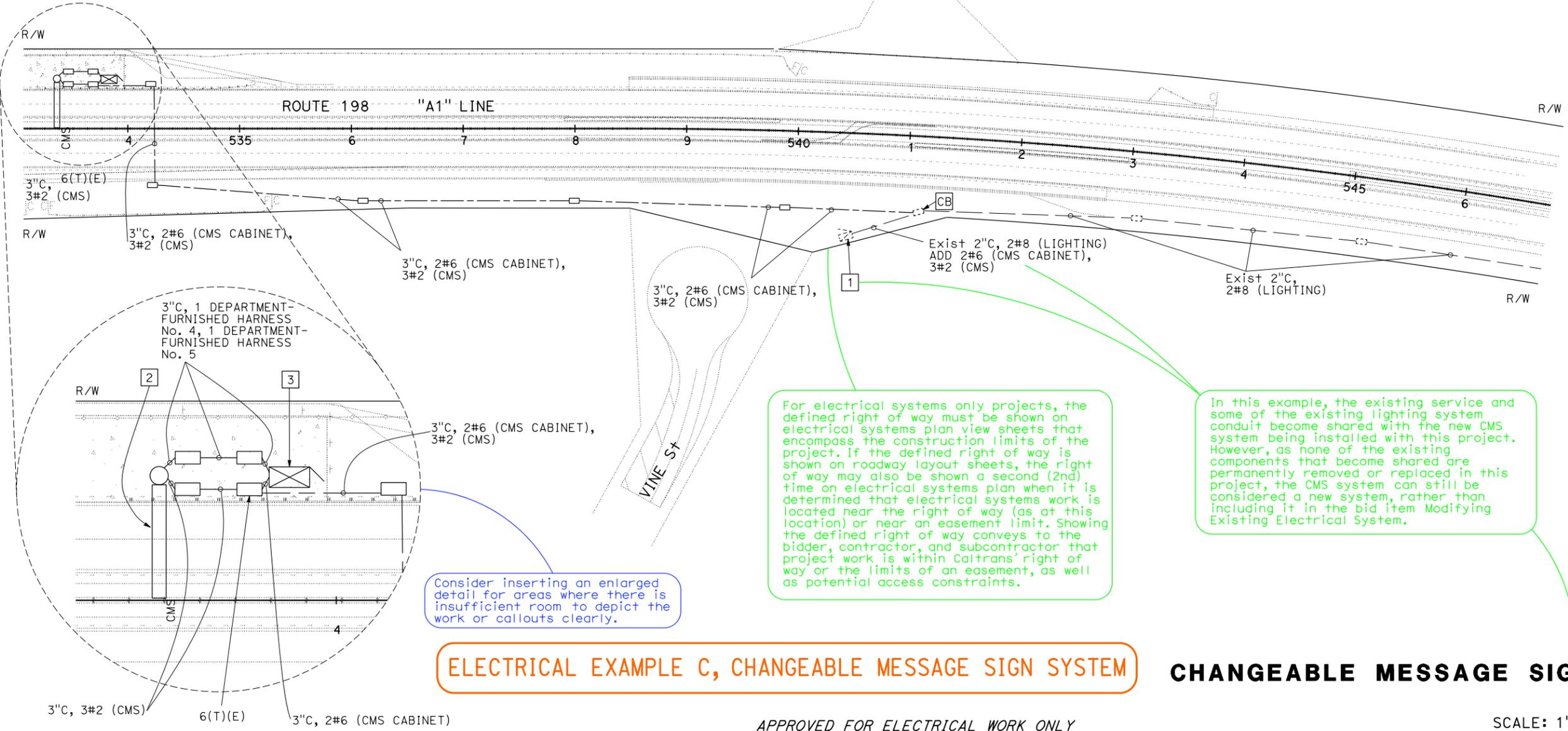
AMPERES	VOLTS	POLES	NAMEPLATE DESCRIPTION	METER
100	240	2	MAIN BREAKER	YES
40	240	2	HIGHWAY LIGHTING	YES
20	120	1	SPARE	YES
30	240	2	CMS*	YES
15	120	1	CMS CABINET*	YES
		6	SPACE	

* ADD CIRCUIT BREAKER AND NAMEPLATE

- 2 DEPARTMENT-FURNISHED MODEL 500 CMS LED), SEE LAYOUT SHEET FOR EXACT LOCATION.
- 3 DEPARTMENT-FURNISHED MODEL 2070E CONTROLLER ASSEMBLY FOR CMS. FURNISH AND INSTALL WIRELESS MODEM.

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.



For electrical systems only projects, the defined right of way must be shown on electrical systems plan view sheets that encompass the construction limits of the project. If the defined right of way is shown on roadway layout sheets, the right of way may also be shown a second (2nd) time on electrical systems plan when it is determined that electrical systems work is located near the right of way (as at this location) or near an easement limit. Showing the defined right of way conveys to the bidder, contractor, and subcontractor that project work is within Caltrans' right of way or the limits of an easement, as well as potential access constraints.

In this example, the existing service and some of the existing lighting system conduit become shared with the new CMS system being installed with this project. However, as none of the existing components that become shared are permanently removed or replaced in this project, the CMS system can still be considered a new system, rather than including it in the bid item Modifying Existing Electrical System.

Consider inserting an enlarged detail for areas where there is insufficient room to depict the work or callouts clearly.

ELECTRICAL EXAMPLE C, CHANGEABLE MESSAGE SIGN SYSTEM

CHANGEABLE MESSAGE SIGN SYSTEM E-3

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 50'

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 CALCULATED-DESIGNED BY
 REVISOR BY DATE REVISOR
 REVISOR BY DATE REVISOR