

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
REGISTERED ELECTRICAL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>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.</small>					

Use the sheet name ELECTRICAL SYSTEMS on the plan sheet if it contains only notes, legends, abbreviations, etc., that apply to all of the electrical systems plans. Do not make multiple sets of notes with various names (e.g. "CONSTRUCTION NOTES," "UTILITY NOTES," etc.), use a single list labeled "NOTES."

INDEX OF ELECTRICAL SYSTEMS PLANS

REVISOR	REVISION	DATE	DESCRIPTION
			ELECTRICAL SYSTEMS PLAN SHEET
			DESCRIPTION
			E-1 INDEX OF ELECTRICAL SYSTEMS PLANS, NOTES, LEGEND, ABBREVIATIONS
			E-2 MODIFYING EXISTING ELECTRICAL SYSTEM, INTERIM MICROWAVE VEHICLE DETECTION SYSTEM
			E-3 TO E-8 MODIFYING EXISTING ELECTRICAL SYSTEM, INTERIM COMMUNICATION SYSTEM
			E-9 TO E-17 MODIFYING EXISTING ELECTRICAL SYSTEM, MODIFYING COMMUNICATION SYSTEM
			E-18 MODIFYING EXISTING ELECTRICAL SYSTEM, MODIFYING CLOSED CIRCUIT TELEVISION SYSTEM
			E-19 TO E-20 MODIFYING EXISTING ELECTRICAL SYSTEM, MODIFYING RAMP METERING SYSTEM
			E-21 TO E-27 MODIFYING EXISTING ELECTRICAL SYSTEM, INDUCTIVE LOOP DETECTOR
			E-28 TO E-29 TEMPORARY LIGHTING SYSTEM
			E-30 SIGN ILLUMINATION SYSTEM
			E-31 TO E-37 MODIFYING EXISTING ELECTRICAL SYSTEM, SIGN ILLUMINATION SYSTEM
			E-38 TO E-39 MODIFYING EXISTING ELECTRICAL SYSTEM, LIGHTING SYSTEM
			E-40 MODIFYING EXISTING ELECTRICAL SYSTEM, ELECTRIC SERVICE FOR IRRIGATION
			E-41 TO E-42 ELECTRICAL SYSTEMS DETAILS, INTERIM MICROWAVE VEHICLE DETECTION SYSTEM
			E-43 ELECTRICAL SYSTEMS DETAILS, MODIFYING COMMUNICATION SYSTEM FIBER ASSIGNMENT TABLE
			E-44 TO E-48 ELECTRICAL SYSTEMS DETAILS, COMMUNICATION SYSTEM
			E-49 ELECTRICAL SYSTEMS DETAILS, RAMP METERING SYSTEM
			E-50 ELECTRICAL SYSTEMS DETAILS, LIGHTING AND SIGN ILLUMINATION WIRING DIAGRAM
			E-51 TO E-52 ELECTRICAL SYSTEMS QUANTITIES

NOTES:

- EACH 4" COMMUNICATION AND FIBER OPTIC CONDUIT SHALL HAVE FOUR 1" INNERDUCTS
- LOCATIONS OF TEMPORARY WOOD POLES TO SUPPORT AERIAL FIBER OPTIC CABLES, OVERHEAD ELECTRIC CONDUCTORS, AND TEMPORARY MVDS AS SHOWN ARE APPROXIMATE. THE CONTRACTOR MAY REARRANGE THE LOCATIONS OF TEMPORARY WOOD POLES AS NECESSARY TO FACILITATE CONSTRUCTION.
- SEE ADDITIONAL DETAILS FOR TEMPORARY WOOD POLES ON SES SHEETS.

LEGEND

- EXISTING SPLICE VAULT WITH SPLICE CLOSURE
- NEW SPLICE VAULT WITH SPLICE CLOSURE (SEE SHEET E-47 FOR DETAILS)
- GUY WIRE, 17' HORIZONTAL OFFSET
- TAMPER RESISTANT TRAFFIC-RATED PULL BOX WITH 4 SECURITY SCREWS

ABBREVIATIONS

FDU	FIBER DISTRIBUTION UNIT
Iden	IDENTIFICATION
PV	PHOTOVOLTAIC
SMFO	SINGLEMODE FIBER OPTIC CABLE
TYPE A CABLE	36 SINGLEMODE FIBER OPTIC CABLE
TYPE B and C CABLE	72 SINGLEMODE FIBER OPTIC CABLE
TYPE D CABLE	12 SINGLEMODE FIBER OPTIC CABLE

ELECTRICAL EXAMPLE K1, NOTES, LEGEND AND ABBREVIATIONS

INDEX OF ELECTRICAL SYSTEMS PLANS, NOTES, LEGEND, ABBREVIATIONS

**ELECTRICAL SYSTEMS
E-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
St. Gobans ELECTRICAL DESIGN
 FUNCTIONAL SUPERVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY
 REVISED BY
 DATE REVISED