

CONDUIT

NEW	EXISTING	
---	---	LIGHTING CONDUIT, UNLESS OTHERWISE INDICATED OR NOTED
---	---	TRAFFIC SIGNAL CONDUIT
C---	c---	COMMUNICATION CONDUIT
T---	t---	TELEPHONE CONDUIT
F---	f---	FIRE ALARM CONDUIT
FO---	fo---	FIBER OPTIC CONDUIT
---	---	CONDUIT TERMINATION
		CONDUIT RISER ATTACHED TO THE STRUCTURE OR SERVICE POLE

SERVICE EQUIPMENT

NEW	EXISTING	
OH	oh	OVERHEAD LINES
U	U	WOOD POLE, "U" INDICATES UTILITY OWNED
		POLE GUY WITH ANCHOR
		UTILITY TRANSFORMER - GROUND MOUNTED
		SERVICE EQUIPMENT ENCLOSURE TYPE
		SERVICE EQUIPMENT ENCLOSURE DOOR INDICATES FRONT OF ENCLOSURE
T	T	TELEPHONE DEMARCATION CABINET

POLE-MOUNTED SERVICE DESIGNATION



SIGNAL EQUIPMENT

NEW	EXISTING	
		PEDESTRIAN SIGNAL FACE
		PEDESTRIAN PUSH BUTTON POST
		PEDESTRIAN BARRICADE
		VEHICLE SIGNAL FACE (WITH BACKPLATE, 3-SECTION: RED, YELLOW AND GREEN)
		VEHICLE SIGNAL FACE WITH ANGLE VISORS
		MODIFICATIONS OF BASIC SYMBOLS: "L" INDICATES ALL NON-ARROW SECTIONS LOUVERED "LG" INDICATES LOUVERED GREEN SECTION ONLY "PV" INDICATES 12" PROGRAMMED VISIBILITY SECTIONS "8" INDICATES ALL 8" SECTIONS (ONLY WHEN SPECIFIED)
		TYPE 15TS AND VEHICLE SIGNAL FACE
		TYPE 21TS AND VEHICLE SIGNAL FACE
		VEHICLE SIGNAL FACE CONSISTING OF RED, YELLOW AND GREEN LEFT ARROW SECTIONS
		VEHICLE SIGNAL FACE CONSISTING OF RED AND YELLOW SECTIONS WITH AN UP GREEN ARROW SECTION
		VEHICLE SIGNAL FACE (5 SECTION) CONSISTING OF RED, YELLOW AND GREEN SECTIONS WITH YELLOW AND GREEN RIGHT ARROW SECTIONS
		TYPE 1 STANDARD WITH ATTACHED VEHICLE SIGNAL FACES
		STANDARD WITH A SIGNAL MAST ARM, ATTACHED VEHICLE SIGNAL FACES AND INTERNALLY ILLUMINATED STREET NAME SIGN
		TYPE 33 STANDARD, LEFT-TURN VEHICLE SIGNAL FACES AND SIGNS
		STANDARD WITH LUMINAIRE AND SIGNAL MAST ARMS AND ATTACHED VEHICLE SIGNAL FACES
		CANTILEVER FLASHING BEACON TYPE 9 FRAME, WITH A SIGN UNLESS OTHERWISE SPECIFIED OR INDICATED
		TYPE 15-FBS STANDARD WITH TWO VEHICLE SIGNAL FACE SECTIONS WITH LENS, BACKPLATE AND VISOR WITH A SIGN. "Y" INDICATES YELLOW INDICATION
		FLASHING BEACON, ONE VEHICLE SIGNAL FACE SECTION WITH LENS, BACKPLATE AND VISOR. "R" INDICATES RED INDICATION, "Y" INDICATES YELLOW INDICATION
		CONTROLLER ASSEMBLY. DOOR INDICATES FRONT OF CABINET

SIGNAL EQUIPMENT Cont

NEW	EXISTING	
		GUARD POST
		TYPE 1 STANDARD WITH "METER ON" SIGN
		EMERGENCY VEHICLE DETECTOR

NOTES:

1. All signal sections shall be 12" unless shown otherwise.
2. Signal heads shall be provided with backplates unless shown otherwise.
3. Signal indication shall be LED.

ILLUMINATED OVERHEAD SIGN

NEW	EXISTING	
		SINGLE POST, SINGLE ILLUMINATED SIGN, BALANCED BUTTERFLY
		SINGLE POST, DOUBLE ILLUMINATED SIGN, BALANCED BUTTERFLY
		SINGLE POST, SINGLE ILLUMINATED SIGN, FULL CANTILEVER
		DOUBLE POST, SINGLE ILLUMINATED SIGN
		SINGLE ILLUMINATED SIGN MOUNTED ON STRUCTURE
		DOUBLE POST, SINGLE ILLUMINATED SIGN WITH ELECTROLIZER

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS
 (LEGEND, NOTES AND ABBREVIATIONS)**

NO SCALE

ES-1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

Jeffrey G. McBoo
 REGISTERED ELECTRICAL ENGINEER
 No. E14512
 Exp. 6-30-12
 PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA

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 PLANS APPROVAL DATE

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