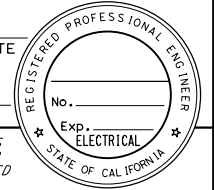


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

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.



On a sheet that includes only legend and schedules, identify all the electrical systems plan sheets that it supports. In this case, sheet E-20 is on example plan E3.

LEGEND FOR SHEET E-20

CONDUCTOR AND CONDUIT SCHEDULE

CABLE TYPE	Std (X)	PHASE	RUN NUMBER																			
			NUMBER OF CONDUCTORS																			
			1	2	3	4	5	6	7	8	9	10										
Veh-Ped 12CSC	A	8	8P	1	1	1	1	1							1	1						
	B	5,6	6P	1	1	1	1	1	1	1	1	1	1	1	1	1						
	C	2,5	2P					1	1	1	1	1	1	1	1	1						
	D	7,8	8P						1	1	1	1	1	1	1	1						
	E	7								1	1				1	1						
	F	2	2P									1	1		1	1						
	G	6	6P				1	1							1	1						
	H	7,8				1	1								1	1						
TOTAL CABLES 12/3 CONDUCTORS				1	1	2	2	3	2	4	3	1	1	2	2	3	1	1	8	6		
6 PAIR #20 SIC																				2*		
#10 STREET LIGHTING				2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
#6 CONTROLLER POWER																				2		
#12 IISNS					2	2	2					2	2	2								
Manufacturer's APS Cable				Ø2P					1			1										
				Ø6P	1		1															
				Ø8P	1				1													
TYPE B DLC				Ø2									5							5		
				Ø5										1								1
				Ø6	5	5	5	5														5
				Ø7			2	2														
Ø8										2	2	2								2		
TOTAL DLCs PER RUN				5	5	7	7			2	2	8								15		
CONDUIT SIZE				3	3	4	4	3	3	4	4	2								4(2)		

The signal interconnect cable itself is NOT a shared component, but in this example the conduit run it is in IS shared. If the SIC is repeated here for clarity, inform the bidder, contractor, and RE what bid item the SIC is a part of, so that it is not misunderstood to be part of Signal and Lighting System. The SIC is called out on the Interconnection Conduit and Cable plan sheets.

*PART OF INTERCONNECTION CONDUIT AND CABLE

STANDARD AND EQUIPMENT SCHEDULE

X	TYPE	STANDARD		Veh Sig Mtg			Ped SIGNAL		APS		LUMINAIRE	IISNS	
		SMA	LMA	Ø	MAST ARM	Ø	POLE	Ø	Mtg	Ø			ARROW
A	19-4-100	25'	15'	8	MAS	8	SV-1-T	8	SP-1-T	6	←	165 W	REAL Hwy
B	15TS		15'			5,6	SV-2-TA	6	SP-1-T	3	→	165 W	
C	61-5-100	60'	15'	2,5	MAT 2-MAS	2	SV-1-T	2	SP-1-T	3	←	165 W	
D	15TS		15'			7,8	SV-2-TA	8	SP-1-T	2	→	165 W	
E	29-5-100	50'	15'	7	MAT	7	SV-1-T			2	←	165 W	REAL Hwy
F	15TS		15'			2	SV-1-T	2	SP-1-T	2	→	165 W	
G	26-4-100	40'	15'	6	MAT MAS	6	SV-1-T	6	SP-1-T	6	←	165 W	
H	15TS					7,8	SV-2-T			6	→	165 W	

This is one of four example plan sheets that depict construction of three new electrical systems at the same location.

Even though this is not a plan view sheet, repeating this modifier quickly informs the bidder and contractor of the applicable location for the legend and schedules.

Organize sheets that include only legend and schedules in the plan set to follow the sheets they support.

ELECTRICAL SYSTEMS EXAMPLE E4, SIGNAL AND LIGHTING SCHEDULES 4 of 4

LOCATION 2

APPROVED FOR ELECTRICAL WORK ONLY

SIGNAL AND LIGHTING SYSTEM

E-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ELECTRICAL DESIGN

REVISED BY
DATE REVISED

CALCULATED-DESIGNED BY
CHECKED BY

FUNCTIONAL SUPERVISOR

EXAMPLE E4 SIGNAL & LIGHTING SCHEDULES - RELEASED 2/02/2017
 DATE PLOTTED => 02-FEB-2017 TIME PLOTTED => 09:36
 LAST REVISION 03-14-16