

<u>PROJECT INFORMATION</u>	
PROJECT/PID:	120272
INTERSECTION NAME:	SR 9 & E. 6TH
STUDY DATE:	1/30/2026

SUPPORT NO.	ARM	MIN CLEARANCE FROM PAVEMENT TO BOTTOM OF SIGNAL HEAD	MAX CLEARANCE FROM PAVEMENT TO BOTTOM OF SIGNAL HEAD	FOUNDATION ELEVATION AT GROUND LEVEL	DISTANCE FROM GROUND TO FOUNDATION	ELEVATION B TOP OF FOUNDATION	RISE ANGLE WITH HORIZONTAL ARM TIP	SIGNAL HEADS CENTERED ON WHICH COLOR?	SIGNAL NO.	SIGNAL HEAD TYPE (12 IN. SECTIONS WITH BACKPLATES)	DISTANCE FROM BOTTOM OF SIGNAL HEAD TO CENTER OF MAST ARM (TEM 497-6)	SIGNAL HEAD DISTANCE FROM SUPPORT POLE	ELEVATION A PAVEMENT ELEVATION UNDER SIGNAL HEAD OR SIGN	MINIMUM HEIGHT (FOUNDATION TO MAST ARM)	MAXIMUM HEIGHT (FOUNDATION TO MAST ARM)	MINIMUM ALLOWABLE HEIGHT (FOUNDATION TO MAST ARM)	MAXIMUM ALLOWABLE HEIGHT (FOUNDATION TO MAST ARM)	FINAL ATTACHMENT ARM HEIGHT (FOUNDATION TO MAST ARM)	DOES MAST ARM HAVE POLE EXTENSION? ^	HEIGHT FROM MAST ARM TO TOP OF POLE	SUGGESTED POLE HEIGHT	POLE HEIGHT WITH 10' EXTENSION
		FT	FT	FT	IN	FT	DEGREE				FT	FT	FT	FT	FT	FT	FT	FT		FT	FT	FT
SP-1	A	17	19	1	0	1.00	0	YELLOW	6B 6A 2A 2B	PHB PHB PHB PHB	1.625 1.625 1.625 1.625	4.5 18 22 35	0.50 0.50 0.50 0.50	18.13 18.13 18.13 18.13	20.13 20.13 20.13 20.13	18.1	20.1	18.5	NO	1.5	20	N/A
-	-	17	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	17	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	17	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

^ With typical extension, 5' is calculated, as per SCD TC-81.22.
Note: Final Pole Height will be noted in the plans on Mast Arm Design Table

SUPPORT NO.	ARM	NUMBER OF LUMINAIRES OR BRACKET ARMS	LUMINAIRE/ BRACKET ARM LENGTH	SIGNAL OR SIGN?	SIGNAL/ SIGN NO.	ATTACHMENT DISTANCE FROM SUPPORT POLE		SIGNAL HEAD TYPE (12 IN. LENS)	SIGN SIZE		AREA	ATTACHMENT LENGTH * AREA	L	DAMPER REQUIRED? (Incidental to Support item; CM&S 632 and SCD TC-81.22)	K	DESIGN NO.
			FT			NO.	FT		IN				SQ. FT.		TOTAL MAST ARM LENGTH	
									FT	IN	SQ. FT.				FT	
SP-1	A	0	-	SIGNAL	6B	L1	4.5	PHB	-	-	6.5	29.3	38	NO	1224.25	4
				SIGN	-	L2	11	-	24	30	5.0	55.0				
				SIGNAL	6A	L3	18	PHB	-	-	13.3	239.4				
				SIGNAL	2A	L4	22	PHB	-	-	13.3	292.6				
			-	SIGN	-	L5	28.5	-	24	30	5.0	142.5				
				SIGNAL	2B	L6	35	PHB	-	-	13.3	465.5				
				-	-	L7	-	-	-	-	-	-				
				-	-	L8	-	-	-	-	-	-				
-	-	-	-	-	-	L1	-	-	-	-	-	-	-	-	-	
				-	-	L2	-	-	-	-	-					-
				-	-	L3	-	-	-	-	-					-
				-	-	L4	-	-	-	-	-					-
			-	-	-	L5	-	-	-	-	-					-
				-	-	L6	-	-	-	-	-					-
				-	-	L7	-	-	-	-	-					-
				-	-	L8	-	-	-	-	-					-
-	-	-	-	-	-	L1	-	-	-	-	-	-	-	-	-	
				-	-	L2	-	-	-	-	-					-
				-	-	L3	-	-	-	-	-					-
				-	-	L4	-	-	-	-	-					-
			-	-	-	L5	-	-	-	-	-					-
				-	-	L6	-	-	-	-	-					-
				-	-	L7	-	-	-	-	-					-
				-	-	L8	-	-	-	-	-					-
-	-	-	-	-	-	L1	-	-	-	-	-	-	-	-	-	
				-	-	L2	-	-	-	-	-					-
				-	-	L3	-	-	-	-	-					-
				-	-	L4	-	-	-	-	-					-
			-	-	-	L5	-	-	-	-	-					-
				-	-	L6	-	-	-	-	-					-
				-	-	L7	-	-	-	-	-					-
				-	-	L8	-	-	-	-	-					-

SUPPORT NO.	ARM	DESIGN NO.	POLE SIZE REQ.	POLE DESIGNATION
-	-	-	-	-
	-	-		
-	-	-	-	-
	-	-		
-	-	-	-	-
	-	-		
-	-	-	-	-
	-	-		