EFFECTIVE: 07-01-2018

POST NUMBER	PULL BOX NUMBER	LOCATION			BASE														PULL BOX										
		APPROACH	STATION	OFFSET	A						F						C	CONCRETE** (CU. YDS.)	PREFORMED				CONCRETE			DRAIN TYPE*			
					9	9.5	10	10.5	11	12	9	9.5	10	10.5	11	12			CLASS 1	CLASS 2	CLASS 3	CLASS 5	STANDARD	DOUBLE, TYPE A	DOUBLE, TYPE B	I	II		
																											A	B	C
			CONTROLLER	(AS REQ'D)																									
SUBTOTAL																													
TOTAL																													

POST NUMBER	POST																																										
	TOP MOUNT POST		TYPE C & CL												TYPE B & BL																							LUMINAIRE BRACKET ARM*					
			ARM LENGTH				SIGNAL SPACING				SIGN SPACING				ARM LENGTH						LEFT ARM E								RIGHT ARM K								INCLUDED ANGLE						
																					SIGNAL SPACING				SIGN SPACING				SIGNAL SPACING				SIGN SPACING										
	8 FT.	15 FT.	A	A	A	A	B	C	D	D'	B	C	D	D'	E	K	E	K	E	K	F	G	H	H'	F	G	H	H'	L	M	N	N'	L	M	N	N'		4 FT.	6 FT.	8 FT.	10 FT.	12 FT.	15 FT.
SUBTOTAL																																											
TOTAL																																											

SIGNAL HEADS

SPAN NUMBER	POST NUMBER	FACE NUMBER	LUMINAIRE LED-A	INDICATIONS *																					VISORS *		LOUVERS *						BACKPLATE*					RETROREFLECTIVE BACKPLATE*					BRACKET*		
				12" LENS CONVENTIONAL											12" LENS OPTICAL LIMITING										12" LENS	PED.							LENSES					LENSES					TYPE		
				R	Y	YL	YRt	FYL	FYR	G	S	L	Rt		R	Y	YL	YRt	YL	YRt	G	S	L	Rt			A	B	C	D	E	F	1	2	3	4	5	1	2	3	4	5	I	II	III
SUBTOTAL																																													
TOTAL																																													

SPAN NUMBER	ONE-FACE																TWO-FACE														
	SECTION																SECTIONS														
	1-				3-				4-				5-				11-			33-				34-		35-		44-		45-	
	T	S	C	B	T	S	C	B	T	S	C	B	T	S	C	B	T	S	B	T	S	C	B	S	B	S	B	S	B	S	B
SUBTOTAL OPTICALLY LIMITED																															
SUBTOTAL CONVENTIONAL																															
SUBTOTAL COMBINATION OL & CONV																															
TOTAL OPTICALLY LIMITED																															
TOTAL CONVENTIONAL																															
TOTAL COMBINATION OL & CONV																															

SPAN WIRE POLES

POST NUMBER	WOOD	STEEL (A10 BASE REQUIRED)
	CLASS IV	
SUBTOTAL		
TOTAL		

SPAN WIRE CABLE SPANS

SPAN NUMBER	FROM POST	TO POST	SINGLE MESSENGER ASSEMBLY (LIN. FT.)	MESSENGER ASSEMBLY WITH TETHER (LIN. FT.)
SUBTOTAL				
TOTAL				

REMARKS

ALL LENGTHS AND SPACINGS ARE IN FEET UNLESS OTHERWISE INDICATED.

* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.

** SEE STANDARD PLANS 902.10 AND 902.30 FOR CONCRETE REQUIREMENTS ON BASES.

*** USE D3-16 FOR ONE LINE. USE D3-18 FOR TWO LINE.

SIGNAL STRUCTURES WHICH WILL EXCEED THE DIMENSION LIMITS SHOWN ON STANDARD PLAN SHEETS IN SECTION 902 AND ANY OTHER INSTALLATION WHERE THE DETAILS OF CONSTRUCTION ARE NOT FURNISHED IN THE CONTRACT PLANS, SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER IN ACCORDANCE WITH THE 2001 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, 4TH EDITION, AND LATEST INTERIMS. THE STRUCTURE SHALL BE DESIGNED AS IMPORTANCE CATEGORY I FOR FATIGUE WITH A 50-YEAR DESIGN LIFE. THE CONTRACTOR SHALL SUBMIT A SET OF SHOP DETAIL DRAWINGS INCLUDING WELD PROCEDURE SPECIFICATIONS AND DESIGN COMPUTATIONS FOR MODOT RECORDS AND REFERENCE. THE SUBMITTED DRAWINGS AND CALCULATIONS SHALL BE SIGNED AND SEALED IN ACCORDANCE WITH THE LAWS RELATING TO ARCHITECTS AND PROFESSIONAL ENGINEERS (CHAPTER 327, RSMO.), AND SHALL INCLUDE A TITLE BLOCK OR SUMMARY SHEET WHICH LISTS AND CERTIFIES THAT THE PRODUCT MEETS ALL OF THE SPECIFIED DESIGN CRITERIA.

INTERSECTION

LEGEND

T - TOP MOUNT
S - SIDE MOUNT
C - SPANWIRE MOUNT
B - MAST ARM MOUNT

D-37A

DATE PREPARED 4/30/2026	
ROUTE	STATE MO
DISTRICT	SHEET NO. X
COUNTY	
JOB NO.	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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