SIGNS					CONCRETE FOOTINGS EMBEDDED	I-BEAM POSTS*						PIPE POSTS*					4"SQUARE STEEL POST*		PERFORATED SQUARE STEEL TUBE**									BREAK-AWAY	U-CHANNEL POST	ALUMINUM BACKING BARS			COLUMN MOUNTING C-CHANNEL	EFFECTIVE: 07-01-2026
902 SIGNAL SIGNS TABULATED ON D-37A																			2" POST					2.5" POST									
																			POST			ANCHORS		POST			ANCHORS						
SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION	SIGN DTL SHT NO.	(I-BEAM/PIPE) ITEM NO. 9031010	POST + STUB				LBS PER	TOTAL ITEM NO. 9031210	POST + STUB			LBS PER	TOTAL ITEM NO. 9031220	BASE ITEM NO. 9031005	POST ITEM NO. 9031230	NO. 1	NO. 2	TOTAL ITEM NO. 9031270A	DRIVEN ITEM NO. 9031273A	CONCRETE ITEM NO. 9031274	NO. 1	NO. 2	TOTAL ITEM NO. 9031280	DRIVEN ITEM NO. 9031281A	CONCRETE ITEM NO. 9031285	BREAK-AWAY ASSEMBLY ITEM NO. 9031241	U-CHANNEL POST ITEM NO. 9031250A	COUNT	LENGTH	TOTAL ITEM NO. 9035030	COLUMN MOUNTING C-CHANNEL ITEM NO. 9035031	REMARKS AND OTHER REQUIRED ITEMS
					CY	DES NO.	NO. 1 LF	NO. 2 LF	NO. 3 LF	FT	LBS	SIZE IN.	NO. 1 LF	NO. 2 LF	FT	LBS	EACH	EACH	LF	LF	LF	EACH	EACH	LF	LF	LF	EACH	EACH	EACH	LF	EACH	IN.	LF	LF	
SUBTOTAL																																		
TOTAL																																		

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR; FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

I-BEAM POST AND FOOTING DATA TABLE

POST					FOOTING								
POST DES. NO.	NOM. SIZE	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	DIA.	LEVEL GROUND DEPTH	LEVEL GROUND C.Y.	6:1 GRADE DEPTH	6:1 GRADE C.Y.	4:1 GRADE DEPTH	4:1 GRADE C.Y.	3:1 OR 2:1 GRADE DEPTH	3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT LBS/FT	WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING DEPTH	CONCRETE C.Y.
IN.						
2½	5.79	0.48	4'-3½"	12"	4'-6"	0.13
4	10.79	0.90	5'-3½"	18"	5'-6"	0.36

DATE PREPARED 5/5/2026

ROUTE | STATE MO

DISTRICT | SHEET NO. X

COUNTY

JOB NO.

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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