SPAN WIRE CABLE SPANS MESSENGER ASSEMBLY WITH TETHER (LIN. FT.) SINGLE MESSENGER TO POST SPAN FROM ASSEMBLY NUMBER POST (LIN. FT.)

TOTAL

SPAN WIRE POLES

WOOD

CLASS IV

NUMBER

TOTAL

STEEL (A10 BASE

REQUIRED

EFFECTIVE: 10-01-2005	ROUTE	MO	DISTRICT	SHEET NO.	
	JOB NO.				
	CONTRAC	T ID.			
	PROJECT	NO.			
	COUNTY				DATE

<u>~</u>	LOCA	TION			BASE				PULI	BOX									POST										SIGNS	•	
MBE MBE						*	PRE	FORMED) CC	DNC.	TOP		TYPE (C & C	L					TYPE B	& BL	-			Π.		<u>,_</u>	1	31011	,	
T NUMBER BOX NUMBE	APPROACH	STATION	OFFSET	A	В			2 8 1	4RD	DRA: TYPE	* POST	ARM LENGTH	SIGNA	\L	SIGN		ADM LENG	`T.I.	LEFT	ARM E		RIGH	T ARM	K	LE	_UMINAIF BRACKET ARM*	ANTITY	MUTCD SIGN NUMBER	SIZE (INCHES)	AREA (SQ. FT.)	TOTAL AREA EACH SIGN
POS.	7.11.71.671.611		3.1.52.	8 1 01 3 M M	1 M 8 101:	CONCRE	CLASS	CLASS	CLAS	I BLE,	- -	ARM LENGTH	SIGNA SPACI	NG S	SIGN PACING		ARM LENG	, 1 П	SIGNAL SPACING	SIGN SPACING	ì	SIGNAL SPACING	S SP	I GN AC I NG	INCLU ANG FT.		<u> </u>	R10-10L	24 X 30	5.0	(SQ. FI.)
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		CONTROLLER	(AS REQ'D)																								\sqcap	R3-5L R3-5R R3-5S R3-6L	30 X 36	7.5	
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													 															R10-3B R10-3C	9 X 6	0.38	
																												R10-11A	24 X 30	5.0	
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REMARKS

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- * 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. ALL OF THE SPECIFIED DESIGN CRITERIA.

LEGEND

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

INTERSECTION

D-37A

EFFECTIVE: 10-01-2005 MO JOB NO. CONTRACT ID. PROJECT NO.

COUNTY

SPAN	WIRE	POLES
POST NUMBER	WOOD CLASS IV	STEEL (A10 BASE REQUIRED
TOTAL		

		SPAN	WIRE CABLE SPA	INS
SPAN NUMBER	FROM POST	TO POST	SINGLE MESSENGER ASSEMBLY (METERS)	MESSENGER ASSEMBLY WITH TETHER (METERS)
		TOTAL		

~	LOC	ATION			1	BAS	Ε				F	ULL	. BC	XC														PO	ST											
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		SIGNS	5	
QUANTITY	MUTCD SIGN NUMBER	SIZE (mm)	AREA (SQ. M)	TOTAL AREA EACH SIGN (SQ. m)
	R10-10L	600 X 750	0,45	
	R10-10R	600 X 750	0.45	
	R3-5L	750 X 900	0.68	
	R3-5R	750 X 900	0.68	
	R3-5S	750 X 900	0.68	
	R3-6L	750 X 900	0.68	
	R3-6R	750 X 900	0.68	
	R3-2	600 X 600	0.36	
	R3-1	600 X 600	0.36	
	R3-3	600 X 600	0.36	
	R10-11	600 X 750	0.45	
	R10-12	600 X 750	0.45	
	D3-16 ***	VAR. X 400		
	D3-18 *** R10-3B	VAR. X 450 225 X 300	0.07	
	R10-36	225 X 300	0.07	
	R10-3C	600 X 750	0.03	
	R9-9	2100 X 750	1.58	
	R9-9A	600 X 750	0.45	
	113 34	000 X 130	0.43	
	TOTAL AREA	ITEM 903-50	. 67	
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LEGEND

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

M-D-37A INTERSECTION