SUMMARY OF QUANTITIES - OVERHEAD WIRE SPAN

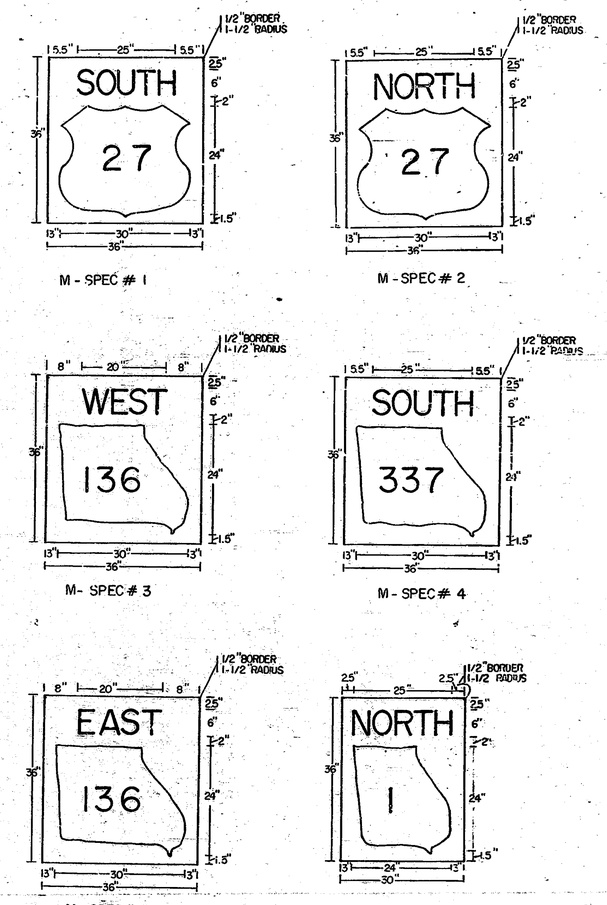
STATION	SPAN WIDTH	LANE	SIGNS-TYPE 1 MAT'L. (0.08) CODE	SIZE	QUAN.	SQ. FT.	SIGNS-TYPE 2 MAT'L (0.10) CODE	SIZE	QUAN.	SQ. FT.	GALV. SEIMANS-MARTIN GUY STRAND MESSENGER CABLE (lin. ft.) - (including 3-bolt 1" galv. clamps with 5/8" galv. bolts) 1/4" DIA. CABLE LIN. FT.	3/8" DIA. CABLE LIN. FT.	STRAIN POLES (CONCRETE OR STEEL) EACH TYPE I	TYPE II	TYPE III	TREATED TIMBER POLES, CLASS 2, 30 FT. EACH
MAINLINE																
20+05	92'-0"		R3-5L	30"×36"	1	7.50					92'-0"	92'-0"		2EA.		
			M-SPEC #2	36"×36"	1	9.00										
			M-SPEC #1	36"×36"	1	9.00										
25+00	92'-0"		R3-9a	30"×36"	1	7.50					92'-0"	92'-0"		2EA		
			M-SPEC #2	36"×36"	1	9.00										
			M-SPEC #6	30"×36"	1	7.50										
			W-SPEC #1	30"×36	1	7.50										
			M-SPEC #1	36"×36"	1	9.00										
			R3-5T	30"×36	1	7.50										
			R3-5R	30"×36"	1	7.50										
56+00	94'-0"		M-SPEC #4	36"×36"	1	9.00					94'-0"	94'-0"		2EA		
			R3-5L	30"×36"	1	7.50										
			M-SPEC #2	36"×36"	1	9.00										
			M-SPEC #3	36"×36"	1	9.00										
			R3-5aR	30"×36"	1	7.50										
			M-SPEC #5	36"×36"	1	9.00										
			R3-9a	30"×36"	1	7.50										
			M-SPEC #1	36"×36"	1	9.00										
60+00	92'-0"		R3-9a	30"×36"	1	7.50					92'-0"	92'-0"		2EA		
			M-SPEC #2	36"×36"	1	9.00										
			M-SPEC #3	36"×36"	1	9.00										
			M-SPEC #5	36"×36"	1	9.00										
			R3-5L	30"×36"	1	7.50										
			M-SPEC #1	36"×36"	1	9.00										
			R3-5aR	30"×36"	1	7.50										
			M-SPEC #4	36"×36"	1	9.00										
184+00	98'-0"		M-SPEC #1	30"×36"	1	7.50					98'-0"	98'-0"			2EA	
			R3-5R	30"×36"	1	7.50										
			M-SPEC #2	36"×36"	1	9.00										
			M-SPEC #3	36"×36"	1	9.00										
			R3-9a	30"×36"	1	7.50										
			M-SPEC #1	36"×36"	1	9.00										
			M-SPEC #5	36"×36"	1	9.00										
U.S. 27	NORTH															
122+05	84'-0"		R3-5L	30"×36"	1	7.50					84'-0"	84'-0"		2EA		
			M-SPEC #2	36"×36"	1	9.00										
			M-SPEC #3	36"×36"	1	9.00										
			R3-5aR	30"×36"	1	7.50										
			M-SPEC #1	36"×36"	1	9.00										
			M-SPEC #5	36"×36"	1	9.00										
			R3-5R	30"×36"	1	7.50										
128+50	87'-0"		R3-9a	30"×36"	1	7.50					87'-0"	87'-0"		2EA		
			M-SPEC #2	36"×36"	1	9.00										
			M-SPEC #3	36"×36"	1	9.00										
			M-SPEC #1	36"×36"	1	9.00										
			M-SPEC #5	36"×36"	1	9.00										
			R3-5L	30"×36"	1	7.50										
				TOTALS		411					639	639		12	2	

NOTE 1. FOR CABLE AND STRAIN POLES REFER TO SECTION 639 GA. STD. SPECIFICATIONS.
2 LANE NUMBERS ASSIGNED FROM ℄ OUT IN DIRECTION OF SURVEY.
3 WHEN TWO OR MORE SIGN FACING THE SAME DIRECTION ARE TO BE MOUNTED OVER THE SAME LANE(S), THE SIGNS SHALL BE CENTERED OVER THE LANE(S) WITH A 2" SPACE BETWEEN SIGNS.
4 FOR ERECTION DETAILS SEE "TYPICAL ERECTION DETAILS - OVERHEAD LANE MARKERS".

7. A 1/2" MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.

8. EACH 48", 60", 66" OR 72" WIDE X 12", 24" OR 36" HIGH SIGN REQUIRES ONE 2" X 1/2" X (WIDTH OF SIGN), ALUMINUM OR GALVANIZED STEEL STRAP ℄ LOCATED IN CENTER OF SIGN AND FLUSH WITH BACK OF SIGN. ALUMINUM SHALL BE ALLOY 6061-T5 AND STEEL SHALL BE ASTM DESIGNATION A-283, GRADE "D", GALVANIZED IN ACCORDANCE WITH ASTM DESIGNATION A-283.

DETAIL OF M-SPECIAL SIGNS



1. ALL SIGNS SHALL BE MADE AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION, AND ANY SUPPLEMENT THERETO, AND/OR THE SPECIAL PROVISIONS.

2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT MUST BE WITHIN THE LIMITATIONS SET FORTH IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", CURRENT EDITION.

3. ALL SIGNS ON THIS PROJECT SHALL BE ERECTED AT A HEIGHT OF 7' ABOVE SHOULDER TO BOTTOM OF SIGN.

4. REFLECTIVE SHEETING IS SPECIFIED FOR ALL SIGNS REQUIRING REFLECTORIZED BACKGROUND. TYPE I, LEVEL A, REFLECTIVE SHEETING SHALL BE USED UNLESS OTHERWISE SPECIFIED. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSABLE ON THIS PROJECT.

5. SINGLE PLATE HORIZONTAL RECTANGULAR SIGNS OVER 40" IN WIDTH SHALL BE MOUNTED ON TWO; 2" X 1/2" X (WIDTH OF SIGN) ALUMINUM (ALLOY 6061-T5) OR GALVANIZED STEEL ASTM DESIGNATION I-283, GRADE "D", STRAPS, ONE ACROSS TOP OF SIGN AND ONE ACROSS BOTTOM OF SIGN. STRAPS TO BE FLUSH WITH BACK OF SIGN. SIGNS SHALL BE ERECTED ON TWO POSTS AT THE SPECIFIED HEIGHT WITH EACH POST SET IN 1/6TH WIDTH OF SIGN TO CENTERLINE OF POST. 5/8" DIAMETER BOLT HOLES IN SIGN PLATE SHALL BE DRILLED OR PUNCHED AS SHOWN ON THE "SIGN PLATE DETAILS".

6. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL FRAME. FOR DETAILS AND SPECIFICATIONS REFER TO "SIGN ASSEMBLY TYPICAL FRAMING DETAILS".