

SUMMARY OF SIGN QUANTITIES

STATION	CODE	SIGNS - TYPE III REFLECTIVE SHEETING (SQUARE FEET)				SIGNS - TYPE IX REFLECTIVE SHEETING (SQUARE FEET)				POSTS (LINEAR FEET)						
		TYPE I (0.8 IN)		TYPE II (1.0 IN)		TYPE I (0.8 IN)		TYPE II (1.0 IN)		TYPE 7			TYPE 8			
		SIZE IN X IN	QUANTITY	SIZE IN X IN	QUANTITY	SIZE IN X IN	QUANTITY	SIZE IN X IN	QUANTITY	REMOVE SIGN EACH	RESET SIGN EACH	LENGTH	QUANTITY	ft	LENGTH	QUANTITY
SR98/MAYSVILLE ROAD																
13+00	W3-3					30X30	1	6.5			14.5	2	29.0			
	W16-8					54X24	1	9.0								
16+15	M3-4	24x12	1	2.0							13.5	2	27.0			
	M1-5	24x24	1	4.0												
16+50	R2-1	24x30	1	5.0							12.5	1	12.5			
17+20	R5-1					30X30	1	6.5			12.5	1	12.5			
17+40	R5-1					30X30	1	6.5			12.5	1	12.5			
18+95	R5-1					30X30	1	6.5			12.5	1	12.5			
19+30	R5-1					30X30	1	6.5			12.5	1	12.5			
19+00	R1-2					36x36x36	1	4.0			12.5	1	12.5			
20+25	M3-2	24x12	1	2.0							13.5	2	27.0			
	M1-5	24x24	1	4.0												
22+00	R2-1	24x30	1	5.0							12.5	1	12.5			
24+00	W3-3					36X36	1	9.0			14.5	2	29.0			
	W16-8					54X24	1	9.0								
B. WILSON RD																
82+00	R2-5A	24x30	1	5.0							12.5	1	12.5			
87+00	R2-1	24x30	2	10.0							12.5	2	25.0			
92+00	R2-5A	24x30	1	5.0							12.5	1	12.5			
97+00	R2-1	24x30	1	5.0							12.5	1	12.5			
102+00	W3-3					30X30	1	6.5			13.5	2	27.0			
	W16-8					42X12	1	3.5								
104+00	R2-1	24x30	1	5.0							12.5	1	12.5			
106+00	R560-5	18x24	1	3.0							12.5	1	12.5			
KING RD																
201+75	R2-1	24x30	1	5.0							13.5	2	27.0			
203+15	W3-3					30X30	1	6.5								
	W16-8					42X12	1	3.5								
WESTVIEW RD																
	R12-1	36X36	1	9.0							12.5	1	12.5			
TOTAL																
				69				70.5					328.5			

PERMANENT STRIPING AND PAVEMENT MARKINGS

LOCATION	TRAFFIC STRIPE						ARROWS		MARKERS	
	THERMO. SOLID TRAF. STRIPE, 5 IN, WHITE	THERMO. SOLID TRAF. STRIPE, 5 IN, YELLOW	THERMO SOLID TRAF. STRIPE, 8 IN, WHITE	THERMO SOLID TRAF. STRIPE, 24 IN, WHITE	THERMO. TRAF. STRIPING, YELLOW	THERMO. SKIP TRAF. STRIPE 5 IN, WHITE	PYMT MARKING ARROW, TP 2	THERMO PYMT MARKING ARROW, TP 2	RAISED PAV'T MARKERS, TP 1	RAISED PAV'T MARKERS, TP 3
	LF	LF	LF	LF	S.Y.	GLF	EACH	EACH	EACH	EACH
SR98/MAYSVILLE ROAD	4095	970	555	74	860	380		9	70	56
B. WILSON ROAD	1340	580	280	36	145	100		2	30	9
KING ROAD	610	170	230	26	115	57		1	14	3
WESTVIEW ROAD	40	65		30						
TOTAL	6085	1785	1065	166	1120	537		12	114	68

- GENERAL NOTES:
 1. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE CURRENT EDITION OF THE MUTCD. ALL SUPPLEMENTS THERETO, AND/OR PLAN DETAILS.
 2. NO SEPARATE PAVEMENT SHALL BE MADE FOR REMOVAL OF PAVEMENT MARKINGS. THESE COSTS SHALL BE INCLUDED IN OVERALL PRICE BID FOR PROJECT.

SIGN AND STRIPING GENERAL NOTES

- SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS.
- ALL HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.
- HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON INTERSTATE HIGHWAYS SHALL BE 32 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), UNLESS SPECIFIED OTHERWISE IN THE PLANS. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON RAMPS SHALL BE 2 FEET FROM THE NORMAL EDGE OF THE PAVED SHOULDER, OR EDGE OF GRADED SHOULDER WHEN PRESENT.
- HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).
- HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARDRAIL SHALL BE 6 FEET FROM THE GUARDRAIL TO THE NEARER EDGE OF THE SIGN(S).
- SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH, 2 INCH X 1/4 INCH X (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3/8 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.
- EACH 42 INCH OR 48 INCH WIDE X 18 INCH OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH X 1/4 INCH X (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.
- SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS, REFER TO SIGN ASSEMBLY TYPICAL FRAMING DETAILS.
- TYPE III (ENCAPSULATED LENS) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.
- TYPE IX (HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3a, R1-4a, R5-1 AND R5-1a).
- TYPE IX (HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS, BICYCLE CROSSING (W11-1) SIGNS, AND PEDESTRIAN CROSSING (W11-2 AND W11A-2) SIGNS. SIGNS WITHIN THE SAME ASSEMBLY AS THE SCHOOL ZONE SIGNS SPECIFICALLY LISTED ABOVE AND ALL REGULATORY SIGNS PLACED AS PART OF THE SCHOOL ZONE SIGNING SHALL HAVE TYPE IX (HIGH INTENSITY) REFLECTIVE SHEETING BACKGROUNDS OF THE APPROPRIATE COLOR.
- TYPE IX (HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
- A 1/4 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
- WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLES(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.
- INTERSTATE SHIELDS SHALL CONTAIN THE WORD GEORGIA. ALL INTERSTATE, U.S., AND GEORGIA SHIELDS REQUIRING ALT, BUS, CONC, LOOP, OR SPUR SHALL USE 4 INCH SERIES "D" LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.
- FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.
- REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS' OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.
- CONTRACTOR WILL, AS REQUESTED BY DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.

SIGNAL QUANTITIES

TRAFFIC SIGNAL INSTALLATION NO. 1	LUMP	LUMP
PULL BOX, PB-4S	EA	1
DIRECTIONAL BORE - 3 IN	LF	120
DIRECTIONAL BORE - 5 IN	LF	60
HIGHWAY SIGNS, TP 2 MATL-REFL SHEETING, TP 9	SF	48
PRESTRESSED CONC STRAIN POLE, TP IV	EA	4
CONDUIT, NONMETAL, TP 3, 2 1/2 IN	LF	240



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G R E S H A M
 S M I T H A N D
 P A R T N E R S

REVISION DATES

STATE OF GEORGIA
 DEPARTMENT OF TRANSPORTATION
 OFFICE OF TRAFFIC OPERATIONS
QUANTITY SUMMARY SHEET

S. R. 98 @ B. WILSON RD. / KING RD.

DRAWING NO.
6-003