

# SUMMARY OF SIGNING AND MARKING QUANTITIES

## SIGNING GENERAL NOTES

- ALL HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
- 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 ft. ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY, UNLESS SPECIFIED OTHERWISE IN THE PLANS.
- HORIZONTAL CLEARANCE FOR HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 ft. FROM THE EDGE OF THE PAVED SHOULDER OR 12 ft. 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 ft. FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).
- HORIZONTAL CLEARANCE FOR HIGHWAY SIGNS MOUNTED BEHIND GUARD RAIL SHALL BE 6 ft. FROM THE FACE OF THE GUARD RAIL TO THE NEARER EDGE OF THE SIGN(S).
- SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 47 in. IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH, 2 in. X 1/2 in. 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 INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3/8 mm DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.
- EACH 42 in. OR 48 in. WIDE X 18 in. OR 24 in. HIGH SIGN REQUIRES ONE 2 in. X 1/2 in. X (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.
- TYPE 8 POST SHALL BE INSTALLED WITH A BREAK AWAY FOOTING. SEE DETAIL FOR ADDITIONAL INFORMATION ON BREAK AWAY FOOTING DESIGN.
- 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 UNLESS 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) REFLECTIVE SHEETING SHALL BE USED FOR ALL W-SERIES SIGNS.
- 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 VI (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING BACKGROUNDS OF THE APPROPRIATE COLOR.
- A 1/2 in. 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 in. DIAMETER HOLE(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, CONN. LOOP, OR SPUR SHALL USE 4 in. 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 THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.

### TRAFFIC STRIPING

DESCRIPTION	UNIT	QUANTITY	
		THERMOPLASTIC	PREFORMED PLASTIC SOLID PAVEMENT MARKING, TP PB
SOLID WHITE, 5"	FT	21000	
SOLID YELLOW, 5"	FT	21000	
CONTRAST BLACK-WHITE, 8"	FT		1300
CONTRAST BLACK-YELLOW, 8"	FT		1300

### PAVEMENT MARKERS (EACH)

LOCATION	REFLECTIVE-RAISED		REFLECTIVE-RECESSED			OPAQUE		JIGGLE BAR	CHANNEL MKR.		
	YELLOW	CLEAR	YELLOW	CLEAR	WHITE	YELLOW					
	TYPE 1	TYPE 2	TYPE 1	TYPE 2	TYPE 3	TYPE 5	TYPE 6	TYPE 7	TYPE 8	TYPE 9	TYPE 10
ENTIRE PROJECT	280										
TOTALS	280										

### SUMMARY OF QUANTITIES - STANDARD SIGNS

STATION	INSTL. NO.	SIGN CODE	HIGHWAY SIGNS						POST								
			TP 1 MATL. REFL SHEETING TP 3		TP 1 MATL. REFL SHEETING TP 9		TP 2 MATL. REFL SHEETING TP 3		TYPE 7			TYPE 8					
			SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET	LENGTH (FEET)	QUANTITY	TOTAL LENGTH	LENGTH (FEET)	QUANTITY	TOTAL LENGTH
SR 100 OVER CLEAR CREEK & NEW RIVER																	
113+61 (RT)	1	W8-13				36" X 36"	1	9				15	1	15			
116+48 (RT)	5	1-3	18" X 24"	1	3							12	1	12			
118+44 (LT)	6	1-3	18" X 24"	1	3							12	1	12			
121+31 (LT)	2	W8-13				36" X 36"	1	9				15	1	15			
183+42 (RT)	3	W8-13				36" X 36"	1	9				15	1	15			
186+31 (RT)	7	1-3	18" X 24"	1	3							12	1	12			
190+65 (LT)	8	1-3	18" X 24"	1	3							12	1	12			
193+52 (LT)	4	W8-13				36" X 36"	1	9				15	1	15			
TOTAL				4	12		4	36	0	0		108	8	108	0	0	0

**URS**

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**GEORGIA**  
 DEPARTMENT  
 OF  
 TRANSPORTATION

#### REVISION DATES


STATE OF GEORGIA  
 DEPARTMENT OF TRANSPORTATION  
 OFFICE OF PROGRAM DELIVERY  
**SUMMARY QUANTITIES**

SR 100 OVER CLEAR CREEK & NEW RIVER

DRAWING No.  
**6-004**