AS-BUILT PLANS - 08/30/13

GENERAL NOTES FOR STANDARD HIGHWAY SIGNS, SPECIAL ROADSIDE SIGNS AND OVERHEAD HIGHWAY SIGNS

1. ALL SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS AND SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AS WELL AS ALL GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.

2. SIGN ERECTION MILE POINTS 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. APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS IS REQUIRED FOR ANY OVERHEAD STRUCTURE OR SUPPLEMENTAL GUIDE SIGN THAT NEEDS TO BE RELOCATED FROM THE LOCATION FOR WHICH IT WAS DESIGNED.

3. MILE MARKERS SHALL BE ERECTED AT A HEIGHT OF 4 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN.

4. HORIZONTAL CLEARANCE FOR HIGHWAY SIGNS MOUNTED BEHIND GUARDRAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARD RAIL TO THE NEARER EDGE OF THE SIGN(S).

5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x $^1/_2$ 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 INSET 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.

6. EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x $^1/_2$ 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.

7. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.

8. TYPE III (HIGH INTENSITY) RETRO-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.

9. TYPE IX (VERY HIGH INTENSITY) FLUORESCENT YELLOW RETRO-REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.

10. A $^1/_2$ INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.

11. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL $^3/_8$ INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.

12. INTERSTATE SHIELDS SHALL CONTAIN THE WORD GEORGIA. ALL INTERSTATE, U.S., AND GEORGIA SHIELDS REQUIRING ALT, BUS, CONN, LOOP, OR SPUR SHALL USE 4 INCH SERIES "D" LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.

13. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF SPECIAL ROADSIDE SIGNS AND DETAILS AND CLEARANCE DIAGRAMS.

14. THE CONTRACTOR WILL BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.

15. HORIZONTAL CLEARANCE FOR SPECIAL ROADSIDE SIGNS SHALL BE 32 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEAR EDGE OF THE SIGN UNLESS SPECIFIED OTHERWISE IN THE PLANS.

16. SPECIAL ROADSIDE SIGNS ERECTED ON CUT SLOPES SHALL HAVE A MINIMUM CLEARANCE OF 1 FOOT ABOVE THE GROUNDLINE AND MAXIMUM HEIGHT OF 10 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN.

17. POST LENGTHS, POST SIZES, AND FOOTING SIZES FOR SPECIAL ROADSIDE SIGNS ARE ESTIMATED, ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE ACTUAL LENGTHS AND SIZES REQUIRED ACCORDING TO GEORGIA STANDARDS PRIOR TO ORDERING MATERIALS. FOR ERECTION AND FOUNDATION DETAILS FOR SPECIAL ROADSIDE SIGNS WITH BREAK-AWAY POSTS, REFER TO GEORGIA STANDARDS 9054A, 9054B, AND 9054C.

18. GALVANIZED STEEL I-BEAMS SHALL HAVE ALL IDENTIFICATION NUMBERS RE-ESTABLISHED AFTER COMPLETION OF GALVANIZING.

19. FOR BREAK-AWAY POSTS THE CONTRACT BID PRICE FOR CLASS "A" CONCRETE SHALL INCLUDE THE COST OF FURNISHING AND PLACING REINFORCEMENT STEEL AND STUB POSTS AS SHOWN IN THE FOOTING DETAILS ON GEORGIA STANDARD 9054A.

20. THE CONTRACTOR SHALL ENSURE THAT ALL SPECIAL ROADSIDE SIGNS AND OVERHEAD SIGNS INSTALLED BY THIS PROJECT HAVE A MINIMUM SIGHT DISTANCE OF 1000 FEET. CLEARING OF OBSTACLES TO OBTAIN THE MINIMUM SIGHT DISTANCE SHALL BE IN ACCORDANCE WITH SECTION 201 OF THE GEORGIA STANDARD SPECIFICATIONS.

21. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND AVOID ANY INTERFERENCE WITH UNDERGROUND UTILITIES OR GDOT COMMUNICATIONS. ANY DAMAGE TO UTILITIES OR GDOT COMMUNICATIONS CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL CALL GEORGIA 811 AND CONTACT THE GDOT ITS MANAGER AT 404-694-6613 PRIOR TO ANY DIGGING. CALLS SHALL BE PLACED AT LEAST 48 HOURS IN ADVANCE FOR LOCATES.

22. MAINTENANCE WALKWAYS ARE NOT REQUIRED ON STRUCTURAL SUPPORTS OF ANY TYPE.

23. FOR PLACEMENT OF GUARDRAIL, SEE GEORGIA STANDARDS 4022A AND 4051 AND/OR CONSTRUCTION DETAILS.

24. ANY TREES, SHRUBS, OR FLOWERS THAT ARE DAMAGED DURING INSTALLATION OF NEW SIGN STRUCTURES SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE DEPARTMENT IN ACCORDANCE WITH SECTION 702 OF THE GEORGIA STANDARD SPECIFICATIONS.

25. EXISTING FOOTINGS NO LONGER IN USE SHALL BE PARTIALLY REMOVED ONE (1) FOOT BELOW EXISTING GROUND LINE. THE RESULTING HOLE SHALL BE FILLED IN AND STABALIZED.

26. ALL SPECIAL ROADSIDE AND OVERHEAD HIGHWAY SIGNS SHALL BE FABRICATED WITH ALUMINUM BOLTED EXTRUDED PANELS.

27. BACKGROUNDS FOR ALL SPECIAL ROADSIDE AND OVERHEAD HIGHWAY SIGNS SHALL BE STANDARD INTERSTATE GREEN, TYPE III (HIGH INTENSITY) RETRO-REFLECTIVE SHEETING, UNLESS SPECIFIED OTHERWISE IN THE PLANS.

28. LEGENDS FOR ALL SPECIAL ROADSIDE AND OVERHEAD HIGHWAY SIGNS SHALL BE WHITE, TYPE IX (VERY HIGH INTENSITY) RETRO-REFLECTIVE SHEETING LETTERS, NUMERALS, SYMBOLS AND BORDERS ON 0.032 INCH ALUMINUM CUTOUTS.

29. ALL SHIELDS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE AND SHAPE SPECIFIED IN THE PLANS. U.S. AND GEORGIA SHIELD LEGENDS SHALL BE BLACK NUMERALS AND LETTERS SILK SCREENED ON WHITE, TYPE IX (VERY HIGH INTENSITY) REFLECTIVE SHEETING BACKGROUNDS WITH NO BORDERS. INTERSTATE SHIELDS SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.

30. FOR DETAILS OF U.S. AND INTERSTATE SHIELDS AND ARROWS, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.

31. SPACING BETWEEN LETTERS OR OTHER CHARACTERS THAT IS NOT SHOWN IN THE PLANS MAY BE RECOMMENDED BY THE MANUFACTURER, BUT SHALL CONFORM TO INTERSTATE SIGNING REQUIREMENTS.

32. FOR ASSEMBLY DETAILS AND ASSEMBLY COMPONENTS DETAILS ON ALUMINUM BOLTED EXTRUDED PANELS, REFER TO GEORGIA STANDARDS 9041 AND 9042.

33. YELLOW OVERLAYS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE SPECIFIED IN THE PLANS. LEGENDS SHALL BE BLACK LETTERS, NUMERALS AND SYMBOLS SILK SCREENED ON STANDARD INTERSTATE YELLOW, TYPE III (HIGH INTENSITY) REFLECTIVE SHEETING BACKGROUNDS. SIGN PANELS BEHIND YELLOW OVERLAYS SHALL BE THE SAME COLOR AS THE REST OF THE SIGN.

34. STRUCTURE NUMBERS SHALL BE PLACED ON OUTSIDE SHOULDER VERTICAL SUPPORT OF STRUCTURE USING DIE CUT, 6 INCH SERIES "D" WHITE, TYPE I (ENCLOSED LENS) REFLECTIVE SHEETING CHARACTERS ON STANDARD INTERSTATE GREEN, TYPE I (ENCLOSED LENS) REFLECTIVE SHEETING. THE STRUCTURE NUMBER, WHICH SHALL READ FROM TOP TO BOTTOM, SHALL BE PLACED AT EYE LEVEL AND POSITIONED SO THAT IT IS VISIBLE TO ONCOMING TRAFFIC. THE AREA WHERE STRUCTURE NUMBER IS TO BE PLACED SHALL BE COATED WITH PRIMER AND ALLOWED TO DRY BEFORE PLACING STRUCTURE NUMBER.

35. ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF AASHTO M 314 GRADE 55.

36. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THAT THE SPAN LENGTHS SHOWN ON THE PLANS ARE CORRECT AND FOR DETERMINING THE ELEVATION OF THE HIGHEST POINT OF THE PAVEMENT OR SHOULDER AND OF THE GROUNDLINE AT THE CENTERLINE OF EACH VERTICAL SUPPORT FOR ALL OVERHEAD STRUCTURES PRIOR TO THEIR DESIGN AND FABRICATION.

37. CONTRACTOR TO CONTACT GEORGIA LOGO, 770-447-6399 TO ADVISE ON THE "REMOVE AND RESET" OF THE LOGO SIGNS.

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REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: INNOVATIVE PROGRAM DELIVERY

GENERAL NOTES

SIGNING NOTES

DRAWING No. 04-004