

# SIGNING AND PAVEMENT MARKING GENERAL NOTES

# VOID

## ITS GENERAL NOTES

1. ALL STANDARD 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.
2. 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 SAFETY AND DESIGN.
3. 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 OR ASSEMBLY.
- 4a. 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 PAVED SHOULDER, OR EDGE OF GRADED SHOULDER WHEN PRESENT.
- 4b. 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).
- 4c. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARD RAIL 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 3 (HIGH INTENSITY 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.
9. TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3A, R1-4A, R5-1, R5-1A).
10. TYPE 9 (VERY 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 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING BACKGROUNDS OF THE APPROPRIATE COLOR.
11. TYPE 9 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
12. A 1/4 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
13. 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.
14. 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.
15. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.
16. 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.
17. THE 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.
18. ALL EXISTING SIGNS SHALL REMAIN IN PLACE UNLESS SPECIFIED OTHERWISE.
1. THE CONTRACTOR SHALL REMOVE AND REINSTALL ALL CAMERAS AND ASSOCIATED EQUIPMENT (WHICH INCLUDES BUT IS NOT LIMITED TO RECONNECTING POWER SUPPLIES AND NETWORK CONNECTIONS, CONDUIT, CABINETS, ETC.) ATTACHED TO SIGN STRUCTURES. COST RELATED TO THIS WORK SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR THE REMOVAL OF STRUCTURAL SUPPORTS OF ANY TYPE.
2. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT TWO WEEKS IN ADVANCE TO SCHEDULE THE TESTING OF ALL CAMERAS AND ASSOCIATED EQUIPMENT (WHICH INCLUDES BUT IS NOT LIMITED TO RECONNECTING POWER SUPPLIES AND NETWORK CONNECTIONS, CONDUIT, CABINETS, ETC.) BEFORE IT IS REMOVED AND AFTER IT IS REINSTALLED. THE CONTRACTOR SHALL REINSTALL ALL CAMERAS AND ASSOCIATED EQUIPMENT (WHICH INCLUDES BUT IS NOT LIMITED TO RECONNECTING POWER SUPPLIES AND NETWORK CONNECTIONS, CONDUIT, CABINETS, ETC.) IN THE SAME WORKING CONDITION AS PRIOR TO THE DEPARTMENTS TESTING.
3. 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.
4. GDOT ITS SYSTEMS IN CONFLICT WITH THIS PROJECT:
  - A. VIDEO DETECTION CAMERAS
  - B. CONCRETE STRAIN POLES WITH CCTV SURVEILLANCE CAMERAS
  - C. ITS COMMUNICATION FIBER AND CONDUIT
  - D. ELECTRICAL COMMUNICATION BOXES AND PULL BOXES
  - E. UTILITIES FOR POWERING ITS SYSTEM
  - F. EQUIPMENT ATTACHED TO THE EXISTING POLE SHALL BE REPLACED WITH ALL NEW EQUIPMENT, IN KIND OR BETTER.
  - G. CCTV CAMERA SHALL BE MOUNTED 70 FT ABOVE I-85. CAMERA COVERAGE SHALL MEET OR EXCEED EXISTING CCTV CAMERA COVERAGE.
  - H. THE VIDEO DETECTION ZONES SHALL MATCH THE EXISTING VIDEO DETECTION ZONES.
  - I. CCTV AND VIDEO DETECTION SYSTEMS FINAL LOCATION SHALL BE APPROVED BY GDOT.
  - J. NEW DROP CABLE SHALL BE INSTALLED FROM PULL BOX TO NEW FDC.

NOTE: THE GDOT ITS SYSTEM IS A VITAL PART OF TRAFFIC MANAGEMENT IN METRO ATLANTA. THE ITS SYSTEM SHALL NOT BE TAKEN OUT OF SERVICE FOR MORE THAN 24 HOURS AT ANY TIME DURING CONSTRUCTION. SEE SPECIAL PROVISION SECTION 108 AND 150.

RELEASED FOR CONSTRUCTION  
FEBRUARY 28, 2012

|                |  <b>Archer Western<br/>Contractors</b> |  |  <b>Heath &amp; Lineback Engineers</b><br><small>INCORPORATED<br/>2390 CANTON ROAD, BUILDING 200<br/>MARIETTA, GEORGIA 30066-5393<br/>(770)424-1668</small> |  | <table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="3">REVISION DATES</th></tr> <tr><td> </td><td> </td><td> </td></tr> </table> | REVISION DATES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | STATE OF GEORGIA<br>DEPARTMENT OF TRANSPORTATION<br>OFFICE: INNOVATIVE PROGRAM DELIVERY<br><b>GENERAL NOTES</b><br><br>S. R. 400/ I-85<br>CONNECTOR RAMPS | DRAWING No.<br><b>4-003</b> |
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