

STANDARD SIGN 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 OPERATIONS.
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 RAMP 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) 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, R1-4, R5-1, AND 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, W16-7p, AND W16-9p) 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 REFLECTING SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
12. A 1/2 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. CONTRACTOR SHALL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE PLANS.

TRAFFIC SIGNAL GENERAL NOTES

1. THE COMPLETE SIGNAL INSTALLATION, MODIFICATION AND/OR REBUILD SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION INCLUDING SUBSEQUENT PUBLISHED RULINGS.
2. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE CURRENT GDOT/COBB COUNTY SPECIFICATIONS.
3. ALL INSTALLATION MATERIALS AND METHODS SHALL COMPLY WITH THE CURRENT COBB COUNTY AND GEORGIA DEPARTMENT OF TRANSPORTATION STANDARDS AND SPECIFICATIONS.
4. THE CONTRACTOR IS REQUIRED TO MAINTAIN VEHICLE DETECTION WITHOUT INTERRUPTION FOR ALL TRAFFIC SIGNAL PHASES DURING CONSTRUCTION OF THE PROJECT. APPROVED VIDEO DETECTION SHALL BE USED FOR PRESENCE DETECTION AND APPROVED VIDEO OR MICROWAVE DETECTION SHALL BE USED FOR PULSE DETECTION. TEMPORARY POLES MAY BE REQUIRED TO SUPPORT THESE DETECTION DEVICES DURING PROJECT CONSTRUCTION.
5. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 10-FT CLEARANCE BETWEEN OVERHEAD UTILITIES AND MAST ARMS. THE CONTRACTOR SHALL COORDINATE WITH UTILITY OWNERS TO RAISE UTILITY LINES IF NECESSARY. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO PROVIDE THE APPROPRIATE CLEARANCES FROM UTILITIES.
6. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FEET BUT NO MORE THAN 19 FEET CLEARANCE FROM THE BOTTOM OF THE SIGNAL HEADS TO THE TOP OF THE ROAD SURFACE. SIGNAL HEADS SHALL BE SPACED A MINIMUM OF 8 FEET MEASURED HORIZONTALLY BETWEEN THE CENTERS OF THE SIGNAL HEADS.
7. THE GDOT SIGNAL INSPECTOR SHALL BE CONTACTED THREE (3) DAYS IN ADVANCE OF POURING CONCRETE SIGNAL POLE FOUNDATIONS TO VERIFY BOLT PATTERNS AND CONDUIT PLACEMENT.
8. WHEN REMOVED, EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE DELIVERED AND UNLOADED, BY THE CONTRACTOR, TO THE COBB COUNTY DEPARTMENT OF TRANSPORTATION, 1890 COUNTY SERVICES PARKWAY, MARIETTA, GEORGIA 30008. THE CONTRACTOR SHALL PROVIDE AN INVENTORY LIST OF RETURNED EQUIPMENT AND ARRANGE A MUTUALLY AGREEABLE DELIVERY TIME WITH THE COBB COUNTY WAREHOUSE TECHNICIAN AT LEAST TWENTY-FOUR (24) HOURS IN ADVANCE.
9. TRAFFIC SIGNAL INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DEPARTMENT'S TRAFFIC ENGINEER OR HIS/HER DESIGNEE PRIOR TO FINAL ACCEPTANCE.
10. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF TRANSPORTATION FOR A PRE-CONSTRUCTION MEETING TO BE HELD AT THE GDOT DISTRICT MAINTENANCE OFFICE, AT WHICH TIME THE CONTRACTOR SHALL ISSUE A LETTER TO GDOT ACCEPTING THE RESPONSIBILITY OF THE SPECIFIED INTERSECTION(S). THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MAINTENANCE AND MAINTAIN CONTROL OF THE SIGNAL UNTIL FINAL ACCEPTANCE OF THE SIGNAL BY GDOT.
11. ALL TRAFFIC SIGNAL HEADS SHALL HAVE L.E.D. PIXELATED MODULES. TRAFFIC SIGNAL HEADS SHALL BE LFE OR EQUIVALENT.
12. ALL PEDESTRIAN SIGNAL HEADS SHALL BE PIXELATED L.E.D. PEDESTRIAN AND COUNTDOWN TYPE (16-IN X 18-IN WITH OVERLAPPING FULLY POPULATED HAND AND MAN + COUNTDOWN).
13. POWER SERVICE(S) TO CONTROL CABINET SHALL BE CONNECTED WITH ONE (1) 1-INCH RIGID CONDUIT AND RISER.
14. MATERIALS LISTED FOR SIGNAL INSTALLATION ARE FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR SHALL DETERMINE THE MATERIALS AND QUANTITIES REQUIRED FOR THE COMPLETION AND ACCEPTANCE OF THE TRAFFIC SIGNAL INSTALLATION.
15. THE SIGNAL CONTRACTOR IS RESPONSIBLE FOR RELOCATIONS OF ANY SIGNAL WIRES AND/OR FIBER OPTIC CABLES ASSOCIATED WITH THIS PROJECT, INCLUDING POWER SERVICE TO SIGNAL EQUIPMENT. THIS SHALL ALSO INCLUDE RELOCATIONS OF EXISTING SIGNAL FACILITIES TO ALLOW OTHER UTILITY COMPANIES TO RELOCATE THEIR FACILITIES.
16. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING OVERHEAD AND UNDERGROUND UTILITY CONDITIONS PRIOR TO ANY CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES RESULTING FROM CONTRACTOR NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
17. THE CONTRACTOR SHALL ADHERE TO THE "GEORGIA 811" BY CALLING 811 BEFORE BEGINNING CONSTRUCTION.
18. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO PROVIDE THE APPROPRIATE CLEARANCES FROM UTILITIES.

ATMS GENERAL NOTES

1. WITHIN 24 HOURS, THE CONTRACTOR SHALL REPAIR ANY EXISTING CONDUIT, CABLET, ITS DEVICE, OR PIPE THAT IS DAMAGED BY THE CONTRACTOR BY ANY WORK PERFORMED AS PART OF THIS PROJECT AT NO ADDITIONAL COST TO THE DEPARTMENT.
2. ALL NEW CMS WILL BE FULL MATRIX.
3. UPON COMPLETION OF CONSTRUCTION ACTIVITIES THE CONTRACTOR WILL PROVIDE AS-BUILT PLANS THAT INCLUDE THE LOCATION OF INSTALLED FIBER, PULL BOXES, CONDUIT AMOUNT PER LOCATION AND DEPTH, AND POWER SERVICE LOCATIONS.
4. EXISTING INDUCTIVE LOOPS OR LEAD-IN WIRES THAT ARE CUT, DAMAGED, OR DESTROYED SHALL NOT BE REPAIRED BY SPLICING. ALL LOOPS OR LEAD-IN WIRES THAT ARE CUT, DAMAGED, OR DESTROYED SHALL BE REPLACED ENTIRELY WITHIN TWO WEEKS AT NO ADDITIONAL COST TO THE DEPARTMENT. THE CONTRACTOR SHALL CONTACT THE OFFICE OF TRANSPORTATION DATA (770-986-1431) ONE WEEK PRIOR TO DOING ANY WORK AT THESE LOCATIONS.
5. THE CONTRACTOR SHALL REMOVE PAVEMENT BY SAW CUT TO PROVIDE A NEAT LINE. WHERE CONDUIT IS INSTALLED, THE CONTRACTOR SHALL INLAY TO MATCH EXISTING SURFACE TYPE AFTER CONDUIT IS INSTALLED IN CLASS B CONCRETE.
6. VERTICAL CLEARANCE FOR ALL CMS SHALL BE A MINIMUM OF 17 FEET BETWEEN THE HIGHEST POINT OF THE ROADWAY AND SHOULDER AND THE LOWEST PART OF THE SIGN.
7. VARIABLE SPEED LIMIT SIGNS SHALL BE REMOVED AND DELIVERED TO THE GDOT TMC AT 935 E CONFEDERATE AVENUE, ATLANTA, GA, 30316 TO BE STORED DURING CONSTRUCTION. CONTRACTOR SHALL CONTACT THE ITS MANAGER AT 404-635-2800 TO SCHEDULE A TIME TO DROP OFF VSL EQUIPMENT AT LEAST 72 HOURS IN ADVANCE. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE TMC TO SCHEDULE A TIME TO PICK UP VSL EQUIPMENT, AT LEAST 72 HOURS IN ADVANCE, TO BE RESET IN ORIGINAL LOCATIONS.
8. THE CONTRACTOR SHALL REPLACE IN LIKE KIND, ANY VARIABLE SPEED LIMIT SIGNS THAT ARE DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE DEPARTMENT.
9. THE CONTRACTOR SHALL RESET VARIABLE SPEED LIMIT SIGNS PER VSL DETAILS INCLUDED IN PLANS. CONTRACTOR IS RESPONSIBLE FOR INTEGRATING THE SIGNS INTO THE NAVIGATOR NETWORK ONCE CONSTRUCTION OF THE FIBER IS COMPLETED.
10. WHEN REMOVED, EXISTING CCTV CAMERAS, VIDEO DETECTION ASSEMBLY CAMERAS, CABINETS, ITS EQUIPMENT IN EXISTING CABINETS, AND CMS SHALL BE DELIVERED AND UNLOADED BY THE CONTRACTOR TO THE GDOT TMC AT 935 E CONFEDERATE AVENUE, ATLANTA, GA, 30316. THE CONTRACTOR SHALL PROVIDE AN INVENTORY LIST OF RETURNED EQUIPMENT AND ARRANGE A DELIVERY TIME WITH THE ITS MANAGER AT 404-635-2800 AT LEAST 24 HOURS IN ADVANCE.

ATKINS

REVISION DATES

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
OFFICE:	PROGRAM DELIVERY
GENERAL NOTES 1-285 @ CR 4519/ATLANTA RD.	
DRAWING NO. 04-003	