

TRAFFIC SIGNAL GENERAL NOTES

- 1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.
- 2. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FEET BUT NO MORE THAN 19 FEET CLEARANCE FROM BOTTOM OF SIGNAL HEADS TO TOP OF ROAD SURFACE AND A MINIMUM OF 8 FEET MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.
- 3. SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPERATE LEAD-INS TO THE CONTROL CABINET.
- 4. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES BEFORE INSTALLATION. AT THE DISCRETION OF THE ENGINEER, MINOR SHIFTS, (UP TO A MAXIMUM OF 5 FEET), IN LOCATION OF NEW SIGNAL POLES, ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES. MINUMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS.
- 5. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATIONS(S) REQUIRED BY THE PROJECT DURING THE INTERIM PERIOD THROUGH INSTALLATION OF NEW SIGNAL EQUIPMENT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL OPERATION TO BE INOPERABLE.
- 6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL NEW GUYS ON EXISTING UTILITY TIMBER POLES WHEN ATTACHING SPAN WIRE OR INTERCONNECT CABLE TO THE POLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
- 7. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DISTRICT TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE.
- 8. WHEN REMOVED, EXISTING EQUIPMENT SHALL BE DELIVERED AND UNLOADED BY THE CONTRACTOR TO THE DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC OPERATIONS DISTRICT SIGNAL SHOP. CONTACT THE DISTRICT SIGNAL ENGINEER AT (706) 646-6500.
- 9. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
- 10. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE DOT SPECIFICATION.
- 11. THE INSTALLATIONS SHALL BE CAPABLE OF "CLOSED LOOP" ISOLATED MONITORING OVER TELEPHONE LINES FROM EXISTING CENTRAL COMPUTERS LOCATED AT BOTH THE LOCAL DOT DISTRICT OFFICE, TRAFFIC ENGINEERING SECTION, AND THE DOT OFFICE OF TRAFFIC SIGNAL ELECTRICAL FACILITIES, 935 E. CONFEDERATE AVENUE BLDG. 5 ATLANTA, GEORGIA 30316. CLOSED LOOP SYSTEM DEMONSTRATION IS REQUIRED AT BOTH CENTRAL SITES, NOTED PRIOR TO FINAL ACCEPTANCE.
- 12. ALL EXISTING STOP BARS, WORDS, ARROWS AND CROSSWALKS THAT ARE NOT REMOVED OR RELOCATED SHALL BE REPLACED IN ACCORDANCE WITH CURRENT GDOT STANDARDS.
- 13. SAWCUTS AND REMOVAL OF ALL CONCRETE ASSOCIATED WITH CURB CUT RAMPS SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.
- 14. THE CONTRACTOR SHALL REPLACE IN KIND AND SIZE, AT NO SEPARATE EXPENSE TO THE DEPARTMENT, ANY BARRIER WALL, FENCE, DITCH PAVING, CURBING, SIDEWALK, GUTTER, SLOPE PAVEMENT, SIGNS, GUARDRAILS, LANDSCAPING, GRASSINGS, UTILITY SERVICE LINES, STORM DRAIN PIPES, MASONRY WALLS AND PAVING THAT IS REMOVED, DAMAGED OR DESTROYED, DUE TO CONTRACTOR'S ACTIVITY.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERTINENT EROSION CONTROL. THESE MEASURES SHALL BE IMPLEMENTED AND MAINTAINED FOR THE DURATION OF THE WORK.
- 16. ALL TRAFFIC MARKING, SYMBOLS OR STRIPING TO BE REMOVED AND/OR REPLACED SHALL BE PAID FOR IN THE TRAFFIC CONTROL LUMP SUM ITEM.
- 17. NOTICE OF INTENT (NOI) IS NOT REQUIRED FOR THIS PROJECT.
- 18. ALL TRAFFIC SIGNAL WORK, MATERIALS AND INSTALLATION SHALL CONFORM TO THE DEPARTMENT'S SPECIFICATIONS SECTIONS 647, 925, 938 AND THE MUTCD
- 19. ALL TRAFFIC MATERIALS PROPOSED FOR USE ON THIS PROJECT WILL BE SUBMITTED TO THE DISTRICT FOR REVW AND APPROVAL AS REQUIRED BY CONTRACT SPECIFICATION. NO TRAFFIC SIGNAL MATERIALS OR WORK MAY BEGIN UNTIL ALL MATERIALS HAVE BEEN RECEIVED AND APPROVED BY THE DEPARTMENT. THE DEPARTMENT'S PROJECT MANGER WILL COORDINATE PAYMENT OF MATERIALS AND INSPECTION OF THE TRAFFIC SIGNAL INSTALLATION WITH THE DISTRICT TRAFFIC OPERATIONS OFFICE BEFORE PAYMENT FOR MATERIALS AND OR WORK ON THE TRAFFIC SIGNAL INSTALLATION.
- 20. CONTRACTOR REQUESTS FOR TRAFFIC SIGNAL INSTALLATION INSPECTION MUST PROVIDE THE DISTRICT THREE SIGNAL SHOP AT LEAST 10 WORKING DAYS NOTICE FOR INSPECTION SCHEDULING.
- 21. PRIOR TO ACTIVATING NEW SIGNAL EQUIPMENT, THE CONTRACTOR WILL CONTACT THE DISTRICT THREE TRAFFIC SIGNAL SHOP (706-646-6565), TEN (10) WORKING DAYS NOTICE PRIOR TO ACTIVATION TO ALLOW PRELIMINARY INSPECTION OF THE INSTALLATION AND DEVELOPMENT OF SIGNAL TIMING
- 22. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL FEES AND PERMITS NECESSARY FOR ESTABLISHING POWER AND DSL COMMUNICATIONS TO THE PROJECT TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CHARGES ASSOCIATED WITH MONTHLY UTILITY SERVICE TO THE NEW TRAFFIC SIGNAL INSTALLATION UNTIL THE NEW TRAFFIC SIGNAL INSTALLATIONS HAVE SATISFACTORILY COMPLETED A TEST PERIOD OF UNINTERRUPTED OPERATION, FOR 30 DAYS. UPON COMPLETION OF THE TEST PERIOD, THE CONTRACTOR WILL COMPLETE A TRANSFER OF UTILITY COSTS TO GDOT DISTRICT 3.
- 23. THE CONTRACTOR WILL BE RESPONSIBLE FOR RESPONDING TO REPORTS OF TRAFFIC SIGNAL "TROUBLE" OR MALFUNCTION TO THE EXISTING TRAFFIC SIGNAL UPON MODIFICATION OF ANY SPAN, SIGNAL INDICATION, OR RELOCATION OF SIGNAL EQUIPMENT AS MAY REQUIRED BY CONSTRUCTION. IN THE EVENT DISTRICT THREE OR HENRY COUNTY SIGNAL FORCES MUST RESPOND TO REPORTS OF MALFUNCTION TO EXISTING OR NEWLY INSTALLED TRAFFIC SIGNAL EQUIPMENT AFTER ATTEMPTS TO CONTACT THE CONTRACTOR HAVE FAILED OR THE CONTRACTOR FAILS TO RESPOND IN A TIMELY MANNER, THE COST ASSOCIATED WITH DISTRICT SIGNAL RESPONSE WILL BE PROVIDED TO THE DEPARTMENT'S PROJECT MANAGER FOR WITHHOLDING THAT AMOUNT(S) FROM FINAL PAYMENT FOR THE TRAFFIC SIGNAL INSTALLATION.

GENERAL NOTES FOR SIGNING

- 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 PROVISION.
- 2. SIGN ERECTION LOCATIONS 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 THE HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.
- 4. 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 SECTION SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).
- 5. 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.
- 6. TYPE IX (WIDE ANGLE PRISMATIC) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3A, R1-4A, R5-1), WARNING SIGNS AND OVERHEAD SIGNS.



REVISION DATES	
4/14/09	

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: CONSULTANT DESIGN
SIGNAL PLANS
GENERAL NOTES

DRAWING No.
27-01