

TRAFFIC SIGNAL GENERAL NOTES

1. ALL TRAFFIC SIGNAL WORK, MATERIALS AND INSTALLATION SHALL CONFORM TO THE DEPARTMENT'S SPECIFICATION SECTIONS 647, 925, AND THE MUTCD. TYPE 3 PULL BOX TO BE INSTALLED AT BASE OF EACH POLE WHERE INTERSECTION CONTROLLER IS LOCATED; PEDESTRIAN PUSH BUTTON SIGNS ARE TO BE 9" BY 15".
2. ALL TRAFFIC SIGNAL MATERIALS PROPOSED FOR USE ON THIS PROJECT WILL BE SUBMITTED TO THE COLUMBUS-MUSCOGEE TRAFFIC ENGINEERING DEPARTMENT FOR REVIEW AND APPROVAL AS REQUIRED BY CONTRACT SPECIFICATION. NO TRAFFIC SIGNAL MATERIALS OR WORK MAY BEGIN UNTIL ALL MATERIALS HAVE BEEN REVIEWED AND APPROVED BY COLUMBUS-MUSCOGEE COUNTY. THE DEPARTMENT'S PROJECT MANAGER WILL COORDINATE PAYMENT OF MATERIALS AND INSPECTION OF THE TRAFFIC SIGNAL INSTALLATION WITH GDOT.
3. TRAFFIC SIGNAL INSTALLATIONS ON THIS PROJECT SHALL BE CAPABLE OF REMOTE COMMUNICATIONS AND DIAGNOSTICS OVER COMMUNICATIONS NETWORKS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL FEES AND PERMITS NECESSARY FOR ESTABLISHING POWER AND COMMUNICATIONS, INCLUDING DSL COMMUNICATIONS, TO THE PROJECT TRAFFIC SIGNAL INSTALLATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CHARGES ASSOCIATED WITH MONTHLY UTILITY SERVICE TO THE TRAFFIC SIGNAL INSTALLATION UNTIL THE NEW TRAFFIC SIGNAL INSTALLATION HAS 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.
4. ALL PULL BOXES FOR SET-BACK LOOP LEAD IN CABLE TO CONTROLLER SHALL BE TYPE 2 PULL BOXES. PULL BOX SPACING FOR SET BACK LOOP LEAD IN CABLE SHALL BE 150' MAXIMUM BETWEEN PULL BOXES. INSTALL TYPE 3 PULL BOX AT CONTROLLER FOUNDATION UNLESS OTHERWISE NOTED ON PLANS. ALL FIBER OPTIC PULL BOXES SHALL BE TYPE 6 AND 7. ALL UNUSED CONDUIT SHALL CONTAIN DETECTABLE MULE TAPE FOR FUTURE USE IN PULLING CABLE INTO CONDUIT.
5. UPON ACTIVATION OF THE TRAFFIC SIGNAL, THE CONTRACTOR WILL BE RESPONSIBLE FOR RESPONDING TO ALL REPORTS OF TRAFFIC SIGNAL "TROUBLE" OR MALFUNCTION UNTIL THE TRAFFIC SIGNAL EQUIPMENT AND OPERATION HAS SUCCESSFULLY COMPLETED AN OPERATING TEST PERIOD OF A MINIMUM OF 30 DAYS. IF DISTRICT THREE FORCES MUST RESPOND TO REPORTS OF SIGNAL TROUBLE OR MALFUNCTION, AFTER ATTEMPTS TO CONTACT THE CONTRACTOR HAVE FAILED, OR THE CONTRACTOR DOES NOT RESPOND, ALL COSTS ASSOCIATED WITH COLUMBUS-MUSCOGEE TRAFFIC ENGINEERING DEPARTMENT DISTRICT TRAFFIC SIGNAL RESPONSE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MAY BE WITHHELD FROM FINAL CONTRACT PAYMENT.
6. THE CONTRACTOR WILL BE RESPONSIBLE FOR ADJUSTMENTS TO EXISTING TRAFFIC SIGNAL INDICATIONS AS REQUIRED BY CONSTRUCTION FOR LANE SHIFTS AND TRAFFIC CONTROL, AT NO COST TO THE COLUMBUS-MUSCOGEE TRAFFIC ENGINEERING DEPARTMENT.
7. THE CONTRACTOR WILL CONTACT GDOT AT LEAST 14 DAYS PRIOR TO REQUESTING INSPECTION ACTIVITIES FOR TRAFFIC SIGNAL INSTALLATIONS. THE CONTRACTOR WILL CONTACT THE SIGNAL SHOP 14 DAYS PRIOR TO REQUESTING ACTIVATION OF THE TRAFFIC SIGNAL SO SIGNAL TIMING CAN BE DEVELOPED AND INSTALLED IN CONTROL EQUIPMENT.
8. THE CONTRACTOR WILL ADVISE THE PROJECT MANAGER A MINIMUM 3 DAYS PRIOR TO ANY TRAFFIC SIGNAL WORK BEGINNING.
9. THE CONTRACTOR WILL NOTIFY PROJECT MANAGER A MINIMUM OF 14 DAYS PRIOR TO REQUESTED INSPECTIONS.
10. ALL UTILITY WORK REQUIRED BY THIS PROJECT WILL REQUIRE SEPARATE UTILITY PERMITTING THROUGH THE DISTRICT UTILITY OFFICE.
11. CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPER CLEARANCES ARE MET CONCERNING UTILITIES, STRAIN POLES AND EDGE OF PAVEMENT, CLEAR ZONE REQUIREMENTS.
12. COSTS INCURRED DUE TO NEW UTILITY SERVICES OR RELOCATION OF UTILITY SERVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
13. ALL TRAFFIC SIGNAL PHASE DETECTION LOOP LEADS WILL BE ON SEPARATE WIRE. ALL LEFT TURN SIGNAL PHASE DETECTION SHALL BE ON SEPARATE LEAD-IN CABLE TO THE CONTROL CABINET.
14. SPAN <150 FT SHALL HAVE HELPER SPAN (SEE DETAIL TS-09)

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USE ON CONSTRUCTION



REVISION DATES

06/05/14					
06/13/14					

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION

OFFICE:  
GENERAL NOTES

SR 1/US 27/VETERANS PKWY FM  
OLD MOON RD TO TURNBERRY LN

DRAWING No.  
**4-004**