

1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO THE CURRENT EDITION OF THE FOLLOWING: GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF TRANSPORTATION SYSTEMS, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS (SPECIFICALLY SECTIONS 647 & 925), THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE NATIONAL ELECTRIC CODE, AND THE GEORGIA DEPARTMENT OF TRANSPORTATION DETAIL SHEETS.
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. THE CONTRACTOR SHALL ADHERE TO THE CALL BEFORE YOU DIG LAW BY CALLING THE UNDERGROUND PROTECTION CENTER AT GEORGIA811 BEFORE BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO PROVIDE APPROPRIATE CLEARANCES FROM UTILITIES.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY CONDITIONS PRIOR TO ANY CONSTRUCTION. DAMAGE TO EXISTING UTILITY LINES RESULTING FROM THE CONTRACTOR NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.
5. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES BEFORE ORDERING SIGNAL EQUIPMENT TO ENSURE THAT PROPOSED EQUIPMENT DOES NOT CONFLICT WITH UTILITIES. THE CONTRACTOR SHALL PROVIDE DOCUMENTATION OF THIS INVESTIGATION FOR SHOP DRAWINGS. THE CONTRACTOR SHALL ALSO VERIFY THAT PROPOSED SIGNAL EQUIPMENT DOES NOT CONFLICT WITH EXISTING SIGNAL EQUIPMENT. 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. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS.
6. 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.
7. A PLAN FOR THE SWITCHOVER INCLUDING COORDINATION WITH GDOT AREA ENGINEER, COLUMBIA COUNTY TRAFFIC ENGINEERING, AND THE CITY OF GROVETOWN POLICE DEPARTMENT MUST BE APPROVED PRIOR TO SWITCHOVER.
8. AFTER INSTALLATION, CONTRACTOR SHALL TEST ALL NEW SIGNAL EQUIPMENT AND VERIFY ITS FUNCTIONALITY PRIOR TO OPERATION AND DEACTIVATION OF EXISTING SIGNAL EQUIPMENT.
9. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DISTRICT TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE. NOTIFICATION OF REQUEST FOR INSPECTION MUST BE SENT IN WRITING OR VIA E-MAIL TO THE DISTRICT SIGNAL ENGINEER AT "GEORGIA DEPARTMENT OF TRANSPORTATION, 801 HIGHWAY 15 SOUTH, TENNILLE, GEORGIA 31089, ATTENTION: DISTRICT SIGNAL ENGINEER A MINIMUM OF ONE WEEK PRIOR TO THE DATE OF INSPECTION.
10. WHEN REMOVED, THE EXISTING EQUIPMENT SHALL BE DELIVERED, UNLOADED AND PLACED IN A DESIGNATED LOCATION BY THE CONTRACTOR TO COLUMBIA COUNTY TRAFFIC ENGINEERING. CONTACT TONNY WILLIAMS, COLUMBIA COUNTY TRAFFIC ENGINEERING SUPERVISOR (706) 312-7164 FOR TIME AND LOCATION AT LEAST 24 HOURS PRIOR TO DELIVERY.
11. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
12. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO ORDERING ANY SIGNAL EQUIPMENT OR BEGINNING ANY INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE LATEST EDITION OF THE GEORGIA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR THE CONSTRUCTION OF TRANSPORTATION SYSTEMS, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS (SPECIFICALLY SECTIONS 647 & 925). ALL MATERIAL USED IN SIGNAL INSTALLATION MUST BE LISTED ON THE CURRENT GEORGIA DEPARTMENT OF TRANSPORTATION'S QUALIFIED PRODUCTS LIST.
13. 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 ALSO INCLUDES RELOCATIONS OF EXISTING SIGNAL FACILITIES TO ALLOW OTHER UTILITY COMPANIES TO RELOCATE THEIR FACILITIES.
14. PROVIDE A MINIMUM OF 10' CLEARANCE BETWEEN POWER LINES AND MAST ARMS. RAISE POWER LINES IF NECESSARY.
15. THE COLOR OF ALL TRAFFIC SIGNAL EQUIPMENT INCLUDING SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, PEDESTRIAN PUSH BUTTON STATIONS, PEDESTRIAN SIGNAL POLES, AND ALL OTHER SIGNAL RELATED ITEMS THAT ARE BEING INSTALLED SHALL MATCH THE EXISTING EQUIPMENT THAT IS IN THE FIELD.
16. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
17. THE CONTRACTOR WILL BE RESPONSIBLE FOR TRANSFERRING THE RHYTHM INSYNC ADAPTIVE CONTROL SYSTEM COMPONENTS (INCLUDING CAMERAS, PROCESSORS, CABLING, ETC.) FROM THE EXISTING SIGNAL TO NEW SIGNAL ONCE THE NEW SIGNAL IS IN OPERATION.



REVISION DATES


STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION	
OFFICE: PROGRAM DELIVERY	
<b>TRAFFIC SIGNAL GENERAL NOTES</b>	
WRIGHTSBORO ROAD IMPROVEMENTS	DRAWING No. <b>27-001</b>