

TRAFFIC SIGNAL GENERAL NOTES

1. THIS WORK SHALL CONFORM TO THE 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 AND THE NATIONAL ELECTRICAL CODE AND DETAIL SHEETS.
2. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN THE 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. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS.
3. 3-PAIR 18 AWG SHIELDED STRANDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPERATE LEAD-INS TO THE CONTROL CABINET. ONLY ONE (1) PHASE PER LEAD-IN CABLE WILL BE ALLOWED.
4. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL NEW GUYS ON EXISTING UTILITY TIMBER POLES WHEN ATTACHING SPAN WIRE OR LOOP LEAD-IN CABLE TO THE POLES UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
5. 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 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 THE INSPECTION.
6. WHEN REMOVED, THE EXISTING EQUIPMENT SHALL BE DELIVERED, UNLOADED AND PLACED IN A DESIGNATED LOCATION BY THE CONTACTOR. FOR TIME AND LOCATION CONTACT THE CITY OF AUGUSTA AT (706) 821-1850 FOR TIME AND LOCATION AT LEAST 24 HOURS PRIOR TO DELIVERY.
7. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
8. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO ORDERING AND 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).
9. PROPOSED SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ON POLE ARE PROVIDED AS A GENERAL GUIDELINE TO INSTALLER. ACTUAL ATTACHMENT HEIGHTS SHALL BE FIELD DETERMINED BY INSTALLER TO PROVIDE REQUIRED SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING UTILITIES.
10. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL VERTICAL AND HORIZONTAL UTILITY CLEARANCES PER NEC AND GDOT SPECIFICATONS. ANY EXISTING OVERHEAD UTILITIES THAT ARE IN CONFLICT WITH THE TRAFFIC SIGNAL INSTALLATION WILL HAVE TO BE ADJUSTED. MINOR SHIFTS (UP TO 5 FT.) IN NEW STRAIN POLE LOCATIONS, AT THE DISCRETION OF THE ENGINEER, ARE ACCEPTABLE TO AVOID OVERHEAD UTILITIES. 10' CLEAR ZONE SHALL BE MAINTANED BETWEEN OVERHEAD POWER UTILITIES AND SIGNAL EQUIPMENT.
11. MAST ARM OR SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ON POLES SHALL BE FIELD DETERMINED BY INSTALLER PRIOR TO ORDERING POLES. ALL NECESSARY SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCES FROM EXISTNG/PROPOSED UTILITIES AND ROADWAY SHALL BE MAINTAINED.
12. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MAINTAIN LOOP DETECTION FOR THE EXISTING SIGNALS. A REPLACEMENT PLAN NOTING THE SCHEDULE OF RECONSTRUCTION SHALL BE PRESENTED TO THE ENGINEER FOR APPROVAL.
13. A PRELIMINARY TRAFFIC SIGNAL WALKAROUND IS TO BE CONDUCTED PRIOR TO THE SIGNAL BEING ACTIVATED. THE CONTRACTOR WILL CONTACT THE DISTRICT SIGNAL ENGINEER AT "GEORGIA DEPARTMENT OF TRANSPORTATION, 643 HIGHWAY 15 SOUTH, TENNILLE, GEORGIA 31089, (478) 553-3364, A MINIMUM OF 10 DAYS PRIOR TO THE DATE OF ACTIVATION.
14. THE RHYTHM INSYNC ADAPTIVE TRAFFIC CONTROL SYSTEM AND PTZ CAMERAS WILL ALREADY BE INSTALLED BY AUGUSTA - RICHMOND COUNTY AT ALL THE SIGNALIZED INTERSECTIONS WHEN THIS PROJECT IS LET. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED REPLACEMENT/RELOCATION OF PTZ CAMERAS, BRACKETS AND ASSOCIATED WIRING AS WELL AS THE CAMERAS, BRACKETS AND ASSOCIATED WIRING REQUIRED FOR VIDEO DETECTION ON THE ADAPTIVE TRAFFIC SYSTEM IN ORDER TO MAINTAIN PROPER OPERATION OF THIS EQUIPMENT THROUGHOUT CONSTRUCTION AND FINAL PERMANENT PLACEMENT ONTO NEW FIXTURES. CONTACT AUGUSTA - RICHMOND COUNTY TRAFFIC ENGINEERING: GLEN BOLLINGER AT (706) 821-1077, CELL (706) 834-6107 OR MIKE EDWARDS AT (706) 821-1750, CELL (706) 564-7232 FOR MORE INFORMATION ABOUT THIS SYSTEM.



REVISION DATES	
09-15-2015	

STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION
OFFICE: TIA
GENERAL NOTES
S. R. 104/RIVERWATCH PARKWAY AT I-20 IMPROVEMENTS
DRAWING No. 04-005