

TRAFFIC SIGNAL GENERAL NOTES

1. 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 AND AERIAL UTILITIES. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS.
2. 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.
3. 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 DISTRICT SIGNAL ENGINEER AT "GEORGIA DEPARTMENT OF TRANSPORTATION, 801 HIGHWAY 15 SOUTH, TENNILLE, GEORGIA 31089, ATTN: DISTRICT SIGNAL ENGINEER" A MINIMUM OF ONE WEEK PRIOR TO DATE OF INSPECTION.
4. WHEN REMOVED, EXISTING EQUIPMENT SHALL BE DELIVERED, UNLOADED AND PLACED IN A DESIGNATED LOCATION BY THE CONTRACTOR. CONTACT JOEY SHURLING AT (478)-552-4625 FOR TIME AND LOCATION AT LEAST 24 HOURS PRIOR TO DELIVERY.
5. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
6. THE INSTALLATIONS SHALL BE CAPABLE OF "CLOSED LOOP" ISOLATED MONITORING OVER TELEPHONE LINES FROM EXISTING CENTRAL COMPUTER LOCATED AT THE LOCAL DOT DISTRICT OFFICE, TRAFFIC ENGINEERING SECTION. CLOSED LOOP SYSTEM DEMONSTRATION IS REQUIRED AT THE CENTRAL SITE, NOTED PRIOR TO FINAL ACCEPTANCE.
7. PROPOSED SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ON POLES ARE PROVIDED AS GENERAL GUIDELINES TO INSTALLER, ACTUAL ATTACHMENT HEIGHTS SHALL BE FIELD DETERMINED BY INSTALLER TO PROVIDE REQUIRED SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING UTILITIES.
8. SAWCUTS AND REMOVAL OF ALL CONCRETE ASSOCIATED WITH CURB CUT RAMPS SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.
9. 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.
10. THE CONTRACTOR SHALL RESET AND/OR REPLACE IN KIND AND SIZE ANY DECORATIVE LAMP POLES AND DECORATIVE BRICK BASES THAT ARE DISTURBED. THE COST OF THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR GRADING COMPLETE.
11. 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.
12. NOTICE OF INTENT (NOI) IS NOT REQUIRED FOR THIS PROJECT.
13. THE CONTRACTOR WILL, AS REQUESTED BY THE OWNER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATES OR ARE CONTRARY TO THESE SIGN PLANS. NO SEPERATE PAYMENT WILL BE MADE FOR SIGN REMOVAL. REPLACE/RESET EXISTING SIGNS AND RETURN TO GOOD CONDITION OR REPLACE AS REQUIRED.
14. PRIOR TO ACTIVATING NEW SIGNAL EQUIPMENT, THE CONTRACTOR WILL CONTACT THE DISTRICT TWO TRAFFIC SIGNAL SHOP AT LEAST 10 DAYS PRIOR TO ACTIVATION TO ALLOW FOR PRELIMINARY INSPECTION OF THE INSTALLATION.
15. THE CONTRACTOR SHALL INSTALL DETECTABLE MULE TAPE IN ALL UNUSED CONDUIT FOR FUTURE LOCATION AND USE PURPOSES.
16. THE 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 ELECTRIC CODE.
17. SIGNAL HEADS SHALL BE ERECTED TO PROVIDE AT LEAST 17 FT. BUT NO MORE THAN 19 FT. CLEARANCE, FROM THE BOTTOM OF THE SIGNAL HEADS TO THE TOP OF ROAD SURFACE AND MINIMUM OF 8 FT. MEASURED HORIZONTALLY BETWEEN CENTERS OF SIGNAL FACES.
18. SHIELDED 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.
19. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNAL DEVICES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEMS ADJUMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATIONS REQUIRED BY THE PROJECT DURING THE INTERIM PERIOD THROUGHOUT INSTALLATION OF THE NEW SIGNAL EQUIPMENT. AT NO TIME SHALL THE CONTRACTOR CAUSE ANY PART OF THE SIGNAL OPERATION TO BE INOPERABLE.
20. LOOP DETECTORS THAT ARE MADE INOPERABLE DUE TO CONSTRUCTION ACTIVITIES SHALL BE OPERATING WITHIN ONE WEEK.
21. SEE ALSO LEGEND AND NOTES ON SIGNAL PLAN SHEETS.
22. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO ORDERING ANY SIGNAL EQUIPMENT OR BEGINNING ANY INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE SPECIFICATIONS AND SPECIAL PROVISIONS.
23. ALL PEDESTRIAN SIGNAL HEADS SHALL BE LED COUNTDOWN STYLE.
24. ALL SIGNAL HEADS SHALL BE PIXELATED (5 MM) STYLE.
25. ALL BACKPLATES ARE TO BE ABS PLASTIC LOUVERED.
26. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL.
27. THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO THE DEPARTMENT.
28. RE-USE OF EXISTING WIRE IS NOT ACCEPTABLE. CONTRACTOR TO ENSURE NEW POWER AND CONDUCTOR CABLE IS USED IN CONSTRUCTION OF THE SIGNAL CABINET, SIGNAL HEADS PEDESTRIAN SIGNALS AND PUSH BUTTON STATIONS.
29. CONTRACTOR TO NOTIFY THE DISTRICT 2 SIGNAL SHOP AT LEAST 14 DAYS IN ADVANCE OF BEGINNING CONSTRUCTION AT INTERSECTIONS *1, *5 & *7. THE DISTRICT WOULD LIKE TO ASSIST THE CONTRACTOR WITH TRYING TO SAVE AS MUCH OF THE EXISTING UNDERGROUND CONDUIT, PULL BOXES AND LOOP WIRE AS POSSIBLE.

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CITY OF LOUISVILLE	SEWER
CITY OF LOUISVILLE	WATER
CITY OF WAYNESBORO	SEWER
CITY OF WAYNESBORO	WATER
CITY OF WAYNESBORO	GAS
COMCAST	CABLE TV
GEORGIA POWER COMPANY	ELECTICAL
NORFOLK SOUTHERN CORP CENTRAL OF GEORGIA	RAILROAD

6/24/11



Wolverton & Associates
6745 Sugarloaf Parkway - Suite 100 - Duluth, Georgia 30097
Phone: (770) 447-8999 - Fax: (770) 447-9070
www.wolverton-assoc.com

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GENERAL NOTES

TRAFFIC SIGNAL UPGRADES

DRAWING No.
04-001