

TRAFFIC SIGNAL GENERAL NOTES

1. ALL TRAFFIC SIGNAL WORK, MATERIALS AND INSTALLATION SHALL CONFORM TO THE DEPARTMENT'S SPECIFICATION SECTIONS 647, 925, 935, 938 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 DISTRICT SIGNAL SECTION 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 THE DISTRICT SIGNAL SECTION. THE DEPARTMENT'S PROJECT MANAGER WILL COORDINATE PAYMENT OF MATERIALS AND INSPECTION OF THE TRAFFIC SIGNAL INSTALLATION WITH THE DISTRICT SIGNAL SECTION.
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 FEES ASSOCIATED WITH MODIFYING EXISTING AND ESTABLISHING NEW POWER AND COMMUNICATIONS SERVICES FOR TRAFFIC SIGNALS, VIDEO DETECTION SYSTEMS AND OR CCTV CAMERAS ON THIS PROJECT. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MONTHLY POWER AND COMMUNICATIONS SERVICE TO THE TRAFFIC SIGNAL INSTALLATION AND SUPPORT DEVICES, 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 THE CITY OF MCDONOUGH.
4. FOR JOINT USE POLE APPLICATIONS, THE PRIME CONTRACTOR SHALL SUPPLY ATTACHMENTS HEIGHTS, POLE CLEARANCES, AND OTHER CLEARANCES AS REQUIRED TO ENSURE SIGNAL INSTALLATION WILL NOT INTERFERE WITH UTILITIES. THIS INFORMATION SHALL BE SUPPLIED TO THE UTILITY COMPANY BEFORE ANY UTILITY ADJUSTMENT OR JOINT USE POLE INSTALLATION.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF MODIFICATION TO EXISTING OR NEW POWER SERVICE AND COMMUNICATION SERVICES (UTILITIES) WITH THE PROJECT'S PRIME CONTRACTOR AND UTILITIES INVOLVED WITHIN THIS PROJECT. THE PRIME CONTRACTOR AND SIGNAL CONTRACTOR ARE RESPONSIBLE FOR ENSURING PROPER POLE CLEARANCES ARE MET WHEN ATTACHING TO JOINT USE POLES BEFORE ATTACHMENT.
6. FOR NEW CONSTRUCTION OF CONCRETE ISLAND(S), WHERE LOOP(S) ARE TO BE CUT TO ISLAND(S), PROVISIONS SHALL BE MADE FOR LOOP(S) TO ENTER PULL BOXES WITHOUT SAW CUTTING OF THE P.I ISLAND(S) AND/ OR PULL BOXES. FOR NEW CONCRETE ISLAND CONSTRUCTION, OR REPLACEMENT OF EXISTING CONCRETE ISLANDS, CONDUIT MAY BE PLACE IN THE ISLAND TO FACILITATE LOOP WIRE FROM SAW CUTS TO PULL BOXES INSTALLED IN CONCRETE ISLANDS
7. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPER UTILITY CLEARANCES FOR SIGNAL SPAN AND HELPER SPAN ATTACHMENTS TO UTILITY POLES AND MAINTAINING CLEAR ZONE REQUIREMENTS FOR SIGNAL EQUIPMENT AND STRAIN POLE LOCATION AND EDGE OF PAVEMENT.
8. ALL PULL BOXES FOR SET-BACK DETECTION LOOP LEAD IN CABLE TO CONTROLLER SHALL BE TYPE 2 PULL BOXES. PULL BOX SPACING FOR SET- BACK LOOP LEAD IN CABLE SHALL BE 200' MAXIMUM BETWEEN PULL BOXES. INSTALL TYPE 3 PULL BOX AT CONTROLLER FOUNDATION UNLESS OTHERWISE NOTED ON PLANS. ALL FIBER OPTIC COMMUNICATIONS CONDUIT SHALL INCLUDE PULL BOXES SHALL BE TYPE 5. ALL UNUSED CONDUIT SHALL CONTAIN DETECTABLE MULE TAPE FOR FUTURE USE IN PULLING CABLE INTO CONDUIT.
9. 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 DISTRICT TRAFFIC SIGNAL RESPONSE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND MAY BE WITHHELD FROM FINAL CONTRACT PAYMENT.
10. 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 DEPARTMENT.
11. THE CONTRACTOR WILL CONTACT THE DISTRICT SIGNAL OFFICE AT LEAST 14 DAYS PRIOR TO REQUESTING INSPECTION ACTIVITIES FOR TRAFFIC SIGNAL INSTALLATIONS. THE CONTRACTOR WILL CONTACT THE DISTRICT SIGNAL SHOP 14 DAYS PRIOR TO REQUESTING ACTIVATION OF THE TRAFFIC SIGNAL SO SIGNAL TIMING CAN BE DEVELOPED AND INSTALLED IN CONTROL EQUIPMENT.
12. THE CONTRACTOR WILL ADVISE THE PROJECT MANAGER A MINIMUM 3 DAYS PRIOR TO ANY TRAFFIC SIGNAL WORK BEGINNING.



	PARSONS <small>3577 PARKWAY LANE, BUILDING V SUITE 100, NORCROSS, GA 30092</small>	COSTING PLANS FOR DESIGN-BUILD	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><th colspan="2">REVISION DATES</th></tr> <tr><td> </td><td> </td></tr> </table>	REVISION DATES														STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: INNOVATIVE PROGRAM DELIVERY SIGNAL PLANS GENERAL NOTES I-75 MANAGED LANES	DRAWING No. 27-001A
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