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<div><div>GENERAL NOTES - OVERHEAD HIGHWAY SIGNS</div><div><div><div>1. OVERHEAD HIGHWAY SIGNS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND ALL SUPPLEMENTS THERETO, AS WELL AS TO THE GEORGIA STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.</div><div>2. OVERHEAD HIGHWAY SIGNS SHALL BE FABRICATED WITH ALUMINUM BOLTED EXTRUDED PANELS.</div><div>3. BACKGROUNDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE STANDARD INTERSTATE GREEN, TYPE 9 (HIGH INTENSITY) REFLECTIVE SHEETING, UNLESS SPECIFIED OTHERWISE IN THE PLANS.</div><div>4. LEGENDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE WHITE, TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING LETTERS, NUMERALS, SYMBOLS, AND BORDERS ON 0.032 INCH ALUMINUM CUTOUTS.</div><div>5. SHIELDS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE AND SHAPE SPECIFIED IN THE PLANS. U.S. AND GEORGIA SHIELD LEGENDS SHALL BE BLACK NUMERALS AND LETTERS SILK SCREENED ON WHITE, TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING BACKGROUNDS WITH NO BORDERS. INTERSTATE SHIELDS SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.</div><div>6. FOR DETAILS OF U.S. AND INTERSTATE SHIELDS AND ARROWS, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.</div><div>7. LEGENDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE FASTENED TO SIGN WITH ALUMINUM PULL-THROUGH BLIND RIVETS OR WITH AN APPROVED NON-CORROSIVE FASTENER.</div><div>8. SPACING BETWEEN LETTERS OR OTHER CHARACTERS THAT IS NOT SHOWN IN THE PLANS MAY BE RECOMMENDED BY THE MANUFACTURER, BUT SHALL CONFORM TO INTERSTATE SIGNING REQUIREMENTS.</div><div>9. YELLOW OVERLAYS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE SPECIFIED IN THE PLANS. LEGENDS SHALL BE BLACK LETTERS, NUMERALS, AND SYMBOLS SILK SCREENED ON STANDARD INTERSTATE YELLOW, TYPE 9 (HIGH INTENSITY) REFLECTIVE SHEETING BACKGROUNDS. SEE GENERAL NOTE NO. 4 FOR BORDER. SIGN PANELS BEHIND YELLOW OVERLAYS SHALL BE THE SAME COLOR AS THE REST OF THE SIGN.</div><div>10. ALL OVERHEAD STRUCTURES SHALL BE DESIGNED FOR EXTERNAL ILLUMINATION, ALTHOUGH ILLUMINATION IS NOT REQUIRED ON THIS PROJECT. FOR SPECIFICATIONS ON STRUCTURAL SUPPORTS FOR OVERHEAD HIGHWAY SIGNS, SEE SECTION 638 OF THE GEORGIA STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO.</div><div>11. STRUCTURE NUMBER SHALL BE PLACED ON OUTSIDE SHOULDER VERTICAL SUPPORT OF STRUCTURE USING DIE CUT, 6 INCH SERIES "D," WHITE, TYPE 1 (ENCLOSED LENS) REFLECTIVE SHEETING CHARACTERS ON STANDARD INTERSTATE GREEN, TYPE 1 (ENCLOSED LENS) REFLECTIVE SHEETING. THE STRUCTURE NUMBER, WHICH SHALL READ FROM TOP TO BOTTOM, SHALL BE PLACED AT EYE LEVEL AND POSITIONED SO THAT IT IS VISIBLE TO ONCOMING TRAFFIC. COAT AREA WHERE STRUCTURE NUMBER IS TO BE PLACED WITH PRIMER AND ALLOW TO DRY BEFORE PLACING STRUCTURE NUMBER. ON TYPE VII STRUCTURES, STRUCTURE NUMBER SHALL BE PLACED ON TYPE I ALUMINUM SIGN MATERIAL WITH GREEN, ENGINEERING GRADE, REFLECTIVE SHEETING BACKGROUND AND ATTACHED TO BRIDGE PIER ON OUTSIDE SHOULDER IN THE SAME ORIENTATION AS ABOVE.</div><div>12. FOR ASSEMBLY DETAILS AND ASSEMBLY COMPONENTS DETAILS ON ALUMINUM BOLTED EXTRUDED PANELS, REFER TO GEORGIA STANDARDS 9041 AND 9042.</div><div>13. ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASSHTO M 314 GRADE 55.</div><div>14. THE RESPONSIBILITY TO DETERMINE THAT THE SPAN LENGTHS SHOWN ON THE PLANS ARE CORRECT AND TO DETERMINE THE ELEVATION OF THE HIGHEST POINT OF THE PAVEMENT OR SHOULDER AND OF THE GROUNDLINE AT THE CENTERLINE OF EACH VERTICAL SUPPORT FOR ALL OVERHEAD STRUCTURES PRIOR TO THEIR DESIGN AND FABRICATION SHALL BE THE CONTRACTOR'S.</div><div>15. SHORING SHALL BE INCLUDED AT NO COST TO THE DEPARTMENT IF REQUIRED FOR FOOTING CONSTRUCTION ON SIGN PROJECTS WITH NO ROADWAY CONSTRUCTION.</div><div>16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO AVOID ANY INTERFERENCE WITH UNDERGROUND UTILITIES. ANY DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL CALL GEORGIA811 PRIOR TO ANY DIGGING.</div><div>17. COST FOR ANY REQUIRED TEMPORARY EROSION CONTROL SHALL BE INCLUDED IN PRICE BID FOR SIGN STRUCTURE.</div><div>18. ANY TREES, SHRUBS, OR FLOWERS THAT ARE DAMAGED DURING INSTALLATION OF NEW SIGN STRUCTURES SHALL BE REPLACED IN KIND AT NO ADDITIONAL COST TO THE DEPARTMENT IN ACCORDANCE WITH SECTION 702 OF THE GEORGIA STANDARD SPECIFICATIONS, EXCEPT THAT SECTION 702.17 SHALL NOT APPLY TO THIS PROJECT.</div><div>19. CONTRACTOR SHALL ENSURE THAT ALL OVERHEAD SIGNS INSTALLED BY THIS PROJECT HAVE MINIMUM SIGHT DISTANCE OF 1000 FEET. CLEARING OF OBSTACLES TO OBTAIN THE MINIMUM SIGHT DISTANCE SHALL BE IN ACCORDANCE WITH SECTION 201 OF THE GEORGIA STANDARD SPECIFICATIONS. THE COST FOR THIS WORK SHALL BE INCLUDED IN THE OVERALL PRICE BID FOR THE PROJECT.</div></div></div><div><div>TRAFFIC SIGNAL GENERAL NOTES</div><div><div>1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION.</div><div>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.</div><div>3. SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET, DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROL CABINET.</div><div>4. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES PRIOR TO ORDERING. 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.</div><div>5. 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.</div><div>6. 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.</div><div>7. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DISTRICT TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE.</div><div>8. WHEN REMOVED, EXISTING EQUIPMENT SHALL BE DELIVERED AND UNLOADED BY THE CONTRACTOR TO THE DEPARTMENT OF TRANSPORTATION OFFICE OF TRAFFIC OPERATIONS DISTRICT SIGNAL SHOP. CONTACT THE DISTRICT 7 SIGNAL ENGINEER AT (770) 216-3881. CONTACT THE DISTRICT 3 SIGNAL ENGINEER AT (706) 741-3414. CONTACT CLAYTON COUNTY TRANSPORTATION &amp; DEVELOPMENT AT (770) 477-3691</div><div>9. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.</div><div>10. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE DOT SPECIFICATION.</div></div></div><div><div>11. THE INSTALLATIONS SHALL BE CAPABLE OF MONITORING OVER ETHERNET NETWORKS FROM EXISTING CENTRAL COMPUTERS OR VIA "CLOSED LOOP" MONITORING, PER THE DISTRICT SIGNAL ENGINEER. CENTRAL COMUPTERS ARE LOCATED AT 935 EAST CONFEDERATE AVENUE BLDG. 24 ATLANTA, GEORGIA 30316. NETWORK ABILITIES DEMONSTRATION IS REQUIRED AT CENTRAL SITES. NOTED PRIOR TO FINAL ACCEPTANCE.</div><div>12. ALL EXISTING STOP BARS, WORDS, ARROWS AND CROSSWALKS THAT ARE NOT REMOVED OR RELOCATED SHALL BE REPLACED IN ACCORDANCE WITH CURRENT GDOT STANDARDS.</div><div>13. 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.</div><div>14. SAWCUTS AND REMOVAL OF ALL CONCRETE ASSOCIATED WITH CURB CUT RAMPS SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.</div><div>15. 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.</div><div>16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EROSION CONTROL MEASURES TO ENSURE COMPLIANCE TO ALL STATE AND FEDERAL LAWS AND GUIDELINES. THE COST SHALL BE CONSIDERED INCIDENTAL AND BE INCLUDED IN THE OVERALL BID PRICE. NO ADDITIONAL PAYMENTS SHALL BE MADE TO THE CONTRACTOR FOR EROSION CONTROL.</div><div>17. ALL TRAFFIC MARKING, SYMBOLS OR STRIPING TO BE REMOVED AND/OR REPLACED SHALL BE PAID FOR IN THE TRAFFIC CONTROL LUMP SUM ITEM.</div><div>18. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL FEES ASSOCIATED WITH MODIFYING EXISTING AND ESTABLISHING NEW POWER AND COMMUNICATIONS SERVICES FOR TRAFFIC SIGNAL, VIDEO DETECTION SYSTEMS AND/OR CCTV CAMERAS ON THIS PROJECT. IF A UTILITY TRANSFORMER IS REQUIRED FOR TRAFFIC SIGNAL EQUIPMENT, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INCLUDE AS PART OF THEIR BID PRICE, FOR THAT TRAFFIC SIGNAL INSTALLATION IF THE RESPECTIVE UTILITY REQUIRES PAYMENT FOR INSTALLTION</div><div>19. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL MONTHLY POWER AND COMMUNICATION SERVICE TO THE TRAFFIC SIGNAL INSTALLTION AND SUPPORT DEVICES, UNTIL THE NEW TRAFFIC SIGNAL INSTALLTION 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 COST TO THE GEORGIA DEPARTMENT OF TRANSPORTATION FOR ALL SIGNALS LOCATED IN FAYETTE COUNTY AND TO CLAYTON COUNTY DEPARTMENT OF TRANSPORTATION FOR ALL SIGNALS LOCATED IN CLAYTON COUNTY.</div></div></div> <table><tr><td colspan="2" rowspan="5"></td><td colspan="2">REVISION DATES</td><td colspan="2" rowspan="2">STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION</td></tr><tr><td>1-5-2017</td><td></td></tr><tr><td></td><td></td><td colspan="2" rowspan="4">OFFICE: ROADWAY DESIGN</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td colspan="2" rowspan="4"></td><td></td><td></td><td colspan="2" rowspan="4">GENERAL NOTES</td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td></td><td></td></tr><tr><td colspan="2" rowspan="2"></td><td></td><td></td><td colspan="2" rowspan="2">STP00-0164-01(029) CLAYTON/FAYETTE COUNTIES</td></tr><tr><td></td><td></td></tr><tr><td colspan="2" rowspan="2">09/17/2015 GPLNOLD</td><td colspan="2"></td><td colspan="2" rowspan="2">DRAWING No. 04-03</td></tr><tr><td colspan="2"></td></tr></table>																REVISION DATES		STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION		1-5-2017				OFFICE: ROADWAY DESIGN												GENERAL NOTES												STP00-0164-01(029) CLAYTON/FAYETTE COUNTIES				09/17/2015 GPLNOLD				DRAWING No. 04-03			
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