

GENERAL NOTES - TRAFFIC SIGNAL

1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND ALL GDOT SPECIFICATIONS.
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. SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROL CABINET.
4. THE CONTRACTOR SHALL LOCATE UNDERGROUND AND OVERHEAD UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES BEFORE INSTALLATION. MINOR SHIFTS (UP TO A MAXIMUM OF 5 FEET) IN LOCATION OF NEW SIGNAL POLES, AT THE DISCRETION OF THE ENGINEER, ARE ACCEPTABLE TO AVOID UNDERGROUND AND OVERHEAD UTILITIES. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS SHALL BE RETAINED AS SHOWN ON THE PLANS.
5. THE CONTRACTOR SHALL MAINTAIN EXISTING TRAFFIC SIGNALS AND ACTUATION DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC SIGNAL AND/OR CONTROL SYSTEM ADJUSTMENTS, INCLUDING TEMPORARY SUPPORT POLE LOCATION(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.
6. INSTALLATION IS TO BE CHECKED AND ACCEPTED BY THE DISTRICT SIGNAL ENGINEER PRIOR TO FINAL ACCEPTANCE.
7. ALL EXISTING EQUIPMENT SHALL BE SECURE ON SITE AND DELIVERED, BY THE CONTRACTOR TO THE CLAYOTN COUNTY SIGNAL SHOP. DOCUMENT ANY MISSING EQUIPMENT. CONTACT CLAYTON COUNTY SIGNAL ENGINEER AT 770-473-3991.
8. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
9. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE DOT SPECIFICATION.
10. ALL EXISTING STOP BARS AND CROSSWALKS THAT ARE NOT REMOVED OR RELOCATED SHALL BE IN ACCORDANCE WITH CURRENT DOT STANDARDS AND CURRENT MUTCD
11. SAWCUTS AND REMOVAL OF ALL CONCRETE ASSOCIATED WITH CURB CUT RAMPS SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.
12. SEE DRAWING 4-001 FOR LIST OF UTILITY OWNERS AND SERVICES.

EXISTING UTILITIES

- | | |
|--|-------------------|
| | EXISTING GUY WIRE |
| | EX.OH ELECTRIC |
| | EX POWER POLE |
| | EX TRANSFORMER |
| | EX.UG ELECTRIC |
| | EX GAS LINE |
| | EX GAS METER |
| | EX GAS VALVE |
| | EX WATER LINE |
| | EX FIRE HYDRANT |
| | EX WATER METER |
| | EX WATER VALVE |
| | EX SANITARY SEWER |
| | EX SS MANHOLE |
| | EX TELEPHONE MH |
| | EX OH TELEPHONE |
| | EX TELEPHONE POLE |
| | EX UG TELEPHONE |
| | EX OH CABLE TV |
| | EX UG CABLE TV |

LEGEND - TRAFFIC SIGNAL

EXISTING SIGNAL

- | | |
|--|---------------------------------|
| | CONTROLLER CABINET |
| | STRAIN POLE |
| | TIMBER POLE |
| | DOWN GUY |
| | MAST ARM |
| | STREET LIGHT |
| | 3 SECTION HEAD |
| | 5 SECTION HEAD |
| | OVERHEAD SIGN |
| | PEDESTAL POLE |
| | PED SIGNAL HEAD |
| | CURB CUT RAMP |
| | PULLBOX, TP 1 |
| | PULLBOX, TP 2 |
| | PULLBOX, TP 4 |
| | PULLBOX, TP 5 |
| | 6x6 PULSE LOOP |
| | 6x18 CALL LOOP |
| | 6x40 PRESENCE LOOP (DIPOLE) |
| | 6x40 PRESENCE LOOP (QUADRUPOLE) |
| | CONDUIT |
| | RAILROAD CONTROLLER |
| | SIGN POST |

PROPOSED SIGNAL

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|--|---------------------------------|
| | CONTROLLER CABINET |
| | STRAIN POLE |
| | TIMBER POLE |
| | DOWN GUY |
| | MAST ARM |
| | STREET LIGHT |
| | 3 SECTION HEAD |
| | 3 SECTION HEAD W/ BACKPLATE |
| | 4 SECTION HEAD FLASHING YELLOW |
| | 4 SECTION HEAD W/ BACKPLATE |
| | OVERHEAD SIGN |
| | PEDESTAL POLE |
| | PED SIGNAL HEAD |
| | PULLBOX, TP 1 |
| | PULLBOX, TP 2 |
| | PULLBOX, TP 3 |
| | PULLBOX, TP 4 |
| | PULLBOX, TP 5 |
| | 6x6 PULSE LOOP |
| | 6x40 PRESENCE LOOP (QUADRUPOLE) |
| | CONDUIT |
| | DIRECTIONAL BORE |
| | SIGN POST |

REVISION DATES

03/13/14		

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY
SIGNAL GENERAL NOTES