

TRAFFIC SIGNAL GENERAL NOTES

- | | | |
|---|---|---|
| <p>1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION, INCLUDING SUBSEQUENT PUBLISHED RULINGS.</p> <p>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.</p> <p>3. SHIELDED CABLE SHALL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROL CABINET.</p> <p>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.</p> <p>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.</p> | <p>6. THE CONTRACTOR SHALL 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.</p> <p>7. INSTALLATION SHALL BE CHECKED AND ACCEPTED BY THE DEKALB COUNTY TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE.</p> <p>8. WHEN REMOVED, EXISTING EQUIPMENT IN DEKALB COUNTY SHALL BE DELIVERED BY THE CONTRACTOR TO THE DEKALB COUNTY SIGNAL SHOP AT (404) 297-3946. THE CONTRACTOR SHALL CONTACT THE DEKALB COUNTY PUBLIC WORKS DEPARTMENT, ROADS AND DRAINAGE DIVISION, TO ESTABLISH PARAMETERS FOR REMOVAL, STORAGE, AND DELIVERY OF EXISTING TRAFFIC SIGNAL EQUIPMENT. WHEN REMOVED, EXISTING EQUIPMENT IN FULTON COUNTY SHALL BE DELIVERED BY THE CONTRACTOR TO THE CITY OF ATLANTA SIGNAL SHOP AT (404) 658-7862. A MINIMUM OF 48 HOURS ADVANCED NOTICE IS REQUIRED.</p> <p>9. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.</p> <p>10. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE SPECIFICATIONS.</p> <p>11. THE INSTALLATIONS SHALL BE CAPABLE OF "CLOSED LOOP" ISOLATED MONITORING OVER TELEPHONE LINES FROM EXISTING CENTRAL COMPUTERS LOCATED AT THE LOCAL DOT DISTRICT OFFICE, TRAFFIC ENGINEERING SECTION, THE DOT OFFICE OF TRAFFIC SIGNAL ELECTRICAL FACILITIES, 935 E. CONFEDERATE AVENUE BLDG. 5 ATLANTA, GEORGIA 30316, DEKALB COUNTY'S TRAFFIC CONTROL CENTER. AND CITY OF ATLANTA'S TRAFFIC SIGNAL SHOP. CLOSED LOOP SYSTEM DEMONSTRATION IS REQUIRED, AT CENTRAL SITES, NOTED PRIOR TO FINAL ACCEPTANCE.</p> <p>12. 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.</p> | <p>13. 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, GUARD RAILS, LANDSCAPING, GRASSINGS, UTILITY SERVICE LINES, STORM DRAIN PIPES, MASONRY WALLS AND PAVING THAT IS REMOVED, DAMAGED OR DESTROYED, DUE TO CONTRACTOR'S ACTIVITY.</p> <p>14. ALL TRAFFIC SIGNAL EQUIPMENT INCLUDING HOUSINGS, VISORS, TRAFFIC SIGNALS PEDESTRIAN SIGNALS, PEDESTRIAN POLES, PUSH BUTTON POSTS, MOUNTING HARDWARE, AND ALL OTHER RELATED TRAFFIC SIGNAL EQUIPMENT SHALL BE BLACK AND IN ACCORDANCE WITH DEKALB COUNTY STANDARDS AND SPECIFICATIONS.</p> <p>15. ALL TRAFFIC SIGNAL EQUIPMENT SHALL MEET GEORGIA DOT AND DEKALB COUNTY SPECIFICATIONS.</p> |
|---|---|---|

MIDBLOCK CROSSING GENERAL NOTES

- | | |
|--|--|
| <p>1. CONTROLLER SHALL BE INSTALLED WITH THE SEPAC 3.34b SOFTWARE INCLUDING THE PEDESTRIAN HYBRID SEQUENCE. PEDESTRIAN HYBRID SEQUENCE SOFTWARE SHALL BE MODIFIED TO FACILITATE INDEPENDENT OPERATION BY DIRECTION. PEDESTRIAN SIGNALS AND PUSH BUTTONS FOR CROSSING NORTHBOUND TRAFFIC LANES SHALL OPERATE INDEPENDENT OF THE PEDESTRIAN SIGNALS AND PUSH BUTTONS FOR CROSSING SOUTHBOUND TRAFFIC LANES.</p> <p>2. A PEDESTRIAN HYBRID BEACON FACE SHALL CONSIST OF THREE SIGNAL SECTIONS, WITH A CIRCULAR YELLOW SIGNAL INDICATION CENTERED BELOW TWO HORIZONTALLY ALIGNED CIRCULAR RED SIGNAL INDICATIONS.</p> <p>3. THE PEDESTRIAN HYBRID BEACON SHALL BE PEDESTRIAN ACTUATED.</p> <p>4. PEDESTRIAN HYBRID BEACONS SHALL BE INTERCONNECTED AND COORDINATED WITH THE EXISTING SIGNAL SYSTEM.</p> <p>5. A "CROSSWALK STOP ON RED" (R10-23) SIGN SHALL BE MOUNTED ADJACENT TO THE OVERHEAD PEDESTRIAN HYBRID BEACON FACE.</p> <p>6. PEDESTRIAN HYBRID BEACON INDICATIONS SHALL BE DARK (NOT ILLUMINATED) DURING PERIODS BETWEEN ACTUATIONS.</p> | <p>7. UPON THE ACTUATION BY A PEDESTRIAN, A PEDESTRIAN HYBRID BEACON FACE SHALL DISPLAY A FLASHING CIRCULAR YELLOW SIGNAL INDICATION, FOLLOWED BY A STEADY CIRCULAR YELLOW SIGNAL INDICATION, FOLLOWED BY BOTH STEADY CIRCULAR RED SIGNAL INDICATIONS DURING THE PEDESTRIAN WALK INTERVAL, FOLLOWED BY ALTERNATE FLASHING CIRCULAR RED SIGNAL INDICATIONS DURING THE PEDESTRIAN CLEARANCE INTERVAL. UPON TERMINATION OF THE PEDESTRIAN CLEARANCE INTERVAL, THE PEDESTRIAN HYBRID BEACON FACES SHALL REVERT TO A DARK (NOT ILLUMINATED) CONDITION.</p> <p>8. THE COUNTDOWN PEDESTRIAN SIGNAL HEADS SHALL CONTINUE TO DISPLAY A STEADY UPRAISED HAND (SYMBOLIZING DON'T WALK) SIGNAL INDICATION WHEN THE PEDESTRIAN HYBRID BEACON FACES ARE EITHER DARK OR DISPLAYING FLASHING OR STEADY CIRCULAR YELLOW SIGNAL INDICATIONS. THE PEDESTRIAN SIGNAL HEADS SHALL DISPLAY A WALKING PERSON (SYMBOLIZING WALK) SIGNAL INDICATION WHEN THE PEDESTRIAN HYBRID SIGNAL FACES ARE DISPLAYING STEADY CIRCULAR RED SIGNAL INDICATIONS. THE PEDESTRIAN SIGNAL HEADS SHALL DISPLAY A FLASHING UPRAISED HAND (SYMBOLIZING DON'T WALK) SIGNAL INDICATION WHEN THE PEDESTRIAN HYBRID BEACON FACES ARE DISPLAYING ALTERNATING FLASHING CIRCULAR RED SIGNAL INDICATIONS. UPON TERMINATION OF THE PEDESTRIAN CLEARANCE INTERVAL, THE PEDESTRIAN SIGNAL HEADS SHALL REVERT TO A STEADY UPRAISED HAND (SYMBOLIZING DON'T WALK) SIGNAL INDICATION.</p> |
|--|--|



ATKINS

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

GENERAL NOTES

BUFORD HIGHWAY STREETS CAPES

DRAWING No.
4-03