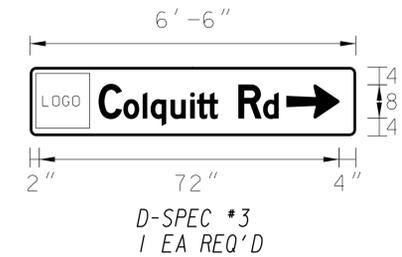
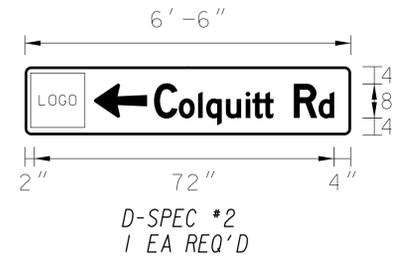
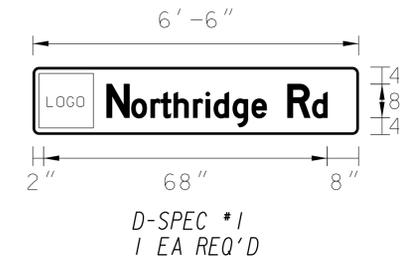


TRAFFIC SIGNAL GENERAL NOTES

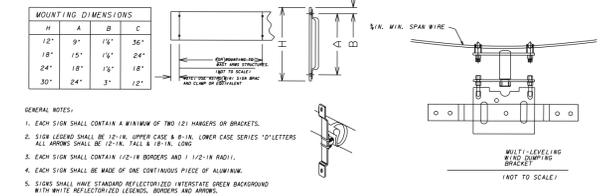
1. THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, INCLUDING SUBSEQUENT PUBLISHED RULINGS.
2. ALL MATERIALS AND WORK SHALL BE IN ACCORDANCE WITH THE CITY OF SANDY SPRINGS CURRENT STANDARDS AND SUPPLEMENTAL SPECIFICATIONS AND DETAILS FOR TRAFFIC SIGNAL INSTALLATION (WITH EXCEPTIONS AS DIRECTED BY THESE PLANS OR PROJECT ENGINEERS). INSTALLATION SHALL MEET CURRENT NFPA NATIONAL ELECTRICAL CODE AND ANSI NATIONAL ELECTRICAL SAFETY CODE.
3. MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN THE SPECIAL PROVISIONS.
4. FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
5. THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN THE VICINITY OF NEW TRAFFIC SIGNAL POLES BEFORE INSTALLATION. MINOR SHIFTS (UP TO A MAXIMUM OF 5 FEET) IN LOCATION OF NEW SIGNAL POLES, ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES AT THE DISCRETION OF THE ENGINEER. ARE ACCEPTABLE TO AVOID UNDERGROUND UTILITIES. MINIMUM CLEARANCES FROM EDGE OF PAVEMENT SHALL BE MAINTAINED. PLACEMENT OF THE SIGNAL HEADS MUST BE RETAINED AS SHOWN ON THE PLANS.
6. 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.
7. WHEN APPLICABLE TO THE PLANS, CONTRACTOR WILL BE REQUIRED TO PROVIDE A NEW RISER, CONDUIT, CONDUCTORS AND DISCONNECT TO PROVIDE POWER SERVICE INTO THE CONTROLLER CABINET
8. CONDUIT UNDER DRIVEWAYS AND ROADWAYS SHALL BE TYPE 3 (SDR 11 HDPE), RIGID METAL, PVC, OR ENCASED IN CONCRETE. ALL CONDUIT RUNS GREATER THAN 50 FEET IN LENGTH SHALL BE BURIED TO A MINIMUM DEPTH OF 48 INCHES, UNLESS APPROVED BY THE ENGINEER.
9. SIGNAL HEADS ON MAST ARMS SHALL HAVE BACK PLATES AND BE RIGID MOUNTED.
10. VEHICLE AND PEDESTRIAN SIGNAL HEADS AND HARDWARE SHALL BE WEST COAST GREEN IN COLOR. VEHICLE SIGNAL HEADS SHALL HAVE TUNNEL VISORS AND SHALL BE MADE OF POLYCARBONATE MATERIAL. VEHICLE SIGNAL HEADS SHALL BE EQUIPPED WITH LED MODULES PER CITY OF SANDY SPRINGS SPECIFICATIONS.
11. PEDESTRIAN SIGNAL HEADS ATTACHED TO PEDESTAL POLES AND STEEL STRAIN POLES SHALL BE MOUNTED WITH "CLAMSHELL" TYPE BRACKET ASSEMBLIES. ALL PEDESTRIAN SIGNAL HEADS ATTACHED TO STEEL STRAIN POLES SHALL BE MOUNTED WITH ONE-WAY SIDE-OF-POLE ALUMINUM BRACKETS. PEDESTRIAN SIGNAL HEADS SHALL BE EQUIPPED WITH COUNTDOWN, UNIFORM APPEARANCE, FULL HAND/MAN/NUMERAL LED MODULES.
12. PUSHBUTTON STATIONS THAT ARE INSTALLED ON A PEDESTAL POLE FOR TWO PERPENDICULAR CROSSINGS SHALL BE MOUNTED ON A "DOUBLE PUSHBUTTON STATION ADAPTER. PEDESTRIAN PUSHBUTTONS SHALL BE INSTALLED WITHIN 10" OF SIDEWALK WITH SIGN ARROW INDICATING THE CROSSING DIRECTION. PEDESTRIAN PUSHBUTTONS SHALL BE VANDAL RESISTANT WITH A PIEZO SWITCH, LED INDICATION, AUDIBLE FEEDBACK, AND APS COMPLIANT.
13. LOOP DETECTOR UNIT SHALL ENERGIZE ITS INDIVIDUAL LOOP CHANNELS NONCONCURRENTLY. DETECTOR UNIT SHALL BE FAIL SAFE (PROVIDE A CONSTANT CALL TO THE CONTROLLER IF LOOP FAILURE OCCURS).
14. CITY OF SANDY SPRINGS WILL BE RESPONSIBLE FOR PROGRAMMING OF SIGNAL TIMING AND "TURN-ON" OF ALL NEW SIGNALS.
15. CITY OF SANDY SPRINGS IS NOT ON THE ONE-CALL SYSTEM. CALL (770) 730-5600 WHEN LOCATING UTILITIES FOR CONSTRUCTION. RICHARD YANG, UTILITIES COORDINATOR.
16. MAST ARMS AND PEDESTRIAN POLES SHALL BE POWDER COATED DARK GREEN PER CITY OF SANDY SPRINGS SPECIFICATIONS.
17. INTERNALLY ILLUMINATED STREET NAME SIGNS ARE TO INCLUDE 14" CITY LOGO ON LEFT SIDE. SIGNS SHALL USE HIGHWAY STANDARD SERIES C FONT WITH 8" UPPER AND 6" LOWER CASE LETTERS

INTERNALLY ILLUMINATED STREET NAME SIGNS

NOTE: SIGNS ARE NOT DIMENSIONED TO SCALE. CUT SHEETS PROVIDED BY CONTRACTOR FOR APPROVAL BY CITY OF SANDY SPRINGS.



DIMENSIONS ARE SHOWN FOR INFORMATION ONLY THE DIMENSIONS OF SIGNS WILL BE PROVIDED BY THE ILLUMINATED SIGN MANUFACTURER. SEE SPECIAL PROVISION



GENERAL NOTES:
 1. EACH SIGN SHALL CONTAIN A MINIMUM OF TWO (2) HANGERS OR BRACKETS.
 2. SIGN LETTERS SHALL BE 1/2-IN. UPPER CASE & 9/16-IN. LOWER CASE SERIES 10 LETTERS.
 ALL ARROWS SHALL BE 1/2-IN. TALL & 18-IN. LONG.
 3. EACH SIGN SHALL CONTAIN 1/2-IN BORDERS AND 1 1/2-IN PAD.
 4. EACH SIGN SHALL BE MADE OF ONE CONTINUOUS PIECE OF ALUMINUM.
 5. SIGNS SHALL HAVE STANDARD REFLECTORIZED INTERSTATE GREEN BACKGROUND WITH WHITE REFLECTORIZED LETTERS, BORDERS AND ARROWS.



REVISION DATES	STATE OF GEORGIA DEPARTMENT OF TRANSPORTATION OFFICE: LOCAL GRANTS ADMINISTRATOR
	SIGNAL PLANS
	SIGNAL INSTALLATION NORTHDRIDGE ROAD AT COLQUITT ROAD
	DRAWING No. 27-002