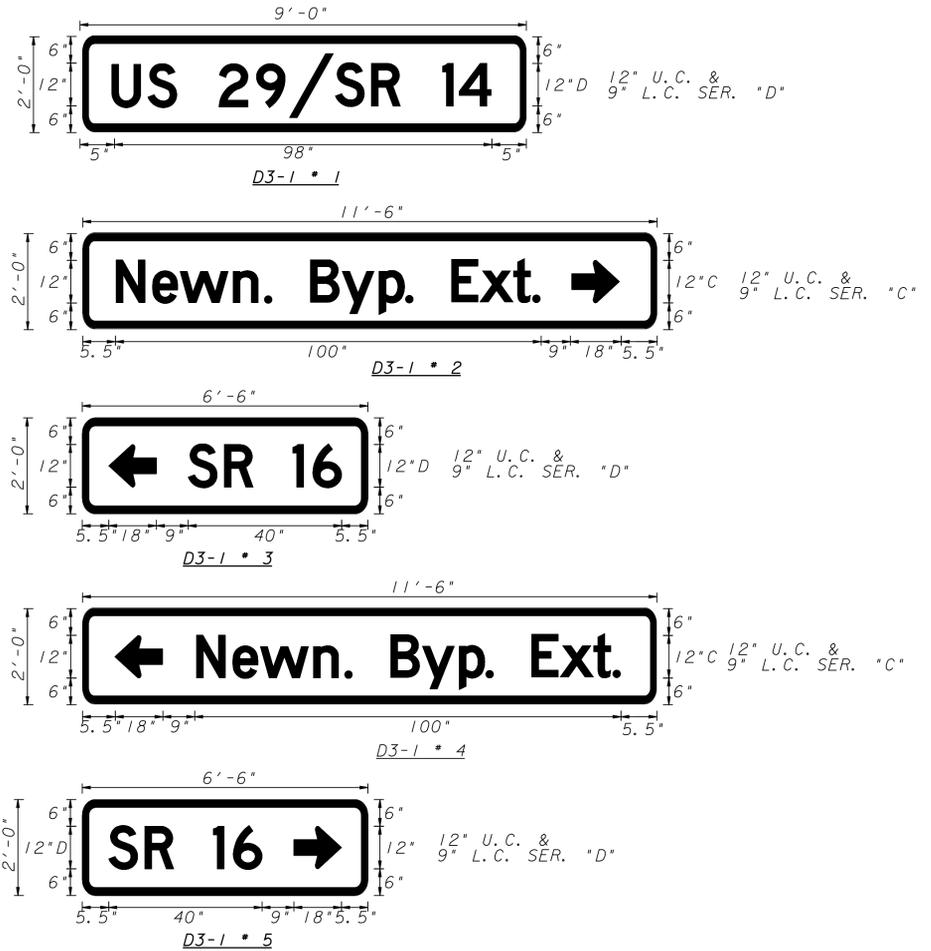


DETAILS OF OVERHEAD STREET NAME SIGNS



SUMMARY OF QUANTITIES FOR OVERHEAD SIGNS

SIGNS - TYPE 2 MAT'L, REFL SHEETING TYPE 9				
LOCATION	CODE	SIZE	QUANTITY	SQ FT
US29/SR14 AT SR16	D3-1 * 1	108" X 24"	2	36.00
NEWMAN BYPASS EXT.	D3-1 * 2	138" X 24"	1	23.00
NEWMAN BYPASS EXT.	D3-1 * 4	138" X 24"	1	23.00
<b>TOTAL</b>				<b>82.00</b>
SIGNS - TYPE 1 MAT'L, REFL SHEETING TYPE 9				
SR 16	D3-1 * 5	78" X 24"	1	13
SR 16	D3-1 * 3	78" X 24"	1	13
<b>TOTAL</b>				<b>26.00</b>

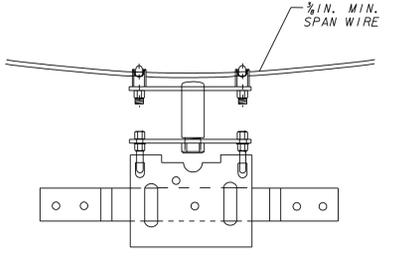
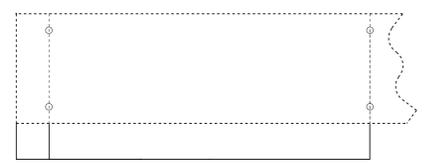
REVISION SUMMARY SHEET

DATE	REVISED SHT. NO.	REVISION

MOUNTING DIMENSIONS			
H	A	B	C
12"	9"	1/2"	36"
18"	15"	1/2"	24"
24"	18"	1/2"	18"
30"	24"	3"	12"

SIGN NOTES

- EACH SIGN SHALL CONTAIN A MINIMUM OF TWO (2) HANGERS OR BRACKETS.
- SIGN LEGEND SHALL BE 8-IN. UPPER CASE & 6-IN. LOWER CASE SERIES "D" LETTERS ALL ARROWS SHALL BE 6-IN. TALL & 9-IN. LONG.
- EACH SIGN SHALL BE MADE OF ONE CONTINUOUS PIECE OF ALUMINUM.
- SIGNS SHALL HAVE STANDARD REFLECTORIZED INTERSTATE GREEN BACKGROUND WITH WHITE REFLECTORIZED LEGENDS, BORDERS AND ARROWS.



MULTI-LEVELING WIND DUMPING BRACKET (NOT TO SCALE)

TRAFFIC SIGNAL GENERAL NOTES

- THE COMPLETE SIGNAL INSTALLATION SHALL CONFORM TO ALL APPROPRIATE PARTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES CURRENT EDITION, INCLUDING SUBSEQUENT PUBLISHED RULINGS, AND THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
- 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.
- SHIELDED CABLE WILL BE USED FOR DETECTOR RUNS AS SHOWN ON THE DETAIL SHEET. DETECTORS SHALL HAVE SEPARATE LEAD-INS TO THE CONTROLLER CABINET. SEPARATE SHIELDED CABLE SHALL BE RUN FOR PEDESTRIAN PUSHBUTTON INDICATIONS BETWEEN THE CONTROL CABINET AND THE PEDESTRIAN INDICATORS.
- THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES IN VICINITY OF NEW TRAFFIC SIGNAL POLES BEFORE INSTALLATION. MINOR SHIFTS IN LOCATION OF NEW SIGNAL POLES, 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.
- 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. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR CONTACTING AND COORDINATING WITH UTILITIES IN ORDER TO EFFECT ANY TRANSFERS THAT MAY BE REQUIRED TO ACCOMMODATE THE INSTALLATION OF THE NEW STRAIN POLES.
- INSTALLATION IS TO BE CHECKED AND ACCEPTED BY COWETA COUNTY AND DISTRICT TRAFFIC ENGINEER PRIOR TO FINAL ACCEPTANCE.
- FOR STRAIN POLE FOUNDATION SIZE AND REINFORCEMENT, SEE STRAIN POLE AND MAST ARM POLE FOUNDATION SHEET.
- MATERIAL CERTIFICATION IS REQUIRED PRIOR TO BEGINNING ANY SIGNAL INSTALLATION WORK. THE CONTRACTOR SHALL FOLLOW PROCEDURES OUTLINED IN SECTION 647 OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS. SUBMITTALS SHALL BE MADE TO THE DISTRICT TRAFFIC ENGINEER.
- LOOP DETECTORS SHOWN ON PLANS SHALL BE 6'X6' FOR SET BACK LOOPS & 6'X40' QUADRUPOLE FOR DEMAND (PRESENCE) LOOPS UNLESS OTHERWISE NOTED.
- SIGNAL SUPPORT WIRE ATTACHMENT HEIGHTS ON POLES ARE PROVIDED AS A GENERAL GUIDELINE TO THE INSTALLER. THEY ARE A FUNCTION OF SPAN LENGTH, SAG FACTOR, ROADWAY ELEVATION, AND THE GROUND ELEVATION AT POLE LOCATIONS. THEREFORE, POLE LOCATIONS AND ATTACHMENT HEIGHTS SHALL BE FIELD DETERMINED BY THE CONTRACTOR TO PROVIDE REQUIRED SIGNAL HEAD MOUNTING HEIGHTS AND CLEARANCE FROM EXISTING UTILITIES. THE CONTRACTOR SHALL PROVIDE POLES OF SUFFICIENT LENGTH TO ACCOMMODATE THE ATTACHMENT HEIGHTS NECESSARY. CRITICAL POLE DIMENSIONS SHALL BE CALCULATED BY THE INSTALLER AND APPROVED BY THE ENGINEER, PRIOR TO ORDERING.
- SAWCUTS AND REMOVAL OF ALL CONCRETE ASSOCIATED WITH WHEELCHAIR RAMPS SHALL BE INCLUDED IN THE SIDEWALK PAY ITEM.
- 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, GUARDRAIL, LANDSCAPING, GRASSING, UTILITY SERVICE LINES, STORM DRAIN PIPES, MASONRY WALLS AND PAVING THAT IS REMOVED, DAMAGED OR DESTROYED.
- ANY TRAFFIC MARKING, SYMBOLS OR STRIPING TO BE REMOVED SHALL BE PAID FOR IN THE TRAFFIC CONTROL LUMP SUM ITEM.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL PERTINENT EROSION CONTROL. THESE MEASURES SHALL BE IMPLEMENTED AND MAINTAINED FOR THE DURATION OF THE WORK AND SHALL INCLUDE HIS COST FOR COMPLETING THIS WORK IN THE OVERALL BID SUBMITTED.
- THE PROJECT MAY LIE WITHIN THE AREA INFESTED BY THE IMPORTED FIRE ANT. THE CONTRACTOR SHALL CONDUCT OPERATIONS IN ACCORDANCE WITH SECTION 155.
- THE INSTALLATION SHALL BE CAPABLE OF "CLOSED LOOP" ISOLATED MONITORING OVER TELEPHONE LINES FROM EXISTING CENTRAL COMPUTERS LOCATED AT BOTH THE LOCAL DOT DISTRICT OFFICE, TRAFFIC ENGINEERING SECTION AND THE DOT OFFICE OF TRAFFIC OPERATIONS ELECTRICAL FACILITIES, 935 E. CONFEDERATE AVENUE BLDG. 5, ATLANTA, GA 30316 CLOSED LOOP SYSTEM DEMONSTRATION IS REQUIRED AT BOTH CENTRAL SITES, NOTED PRIOR TO FINAL ACCEPTANCE.
- THE SIGNAL CONTRACTOR SHALL COORDINATE WITH ROADWAY ENGINEER FOR MARKINGS.
- THE TRAFFIC SIGNAL INSTALLATION WILL BE ACCORDING TO THE DEPARTMENTS STANDARD SPECIFICATION, SECTION 647, 925, AND 939. SPECIFICATION 939 IS FOR USE IN DETERMINING APPROPRIATE TRANSCIEVER/MODEM FOR USE FOR DSL PHONE SERVICE TO THE LOCATION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR ESTABLISHING POWER AND COMMUNICATION SERVICES TO THE NEW TRAFFIC SIGNAL INSTALLATION AND FOR ONGOING UTILITY COSTS UNTIL THE NEW SIGNAL HAS COMPLETED A SATISFACTORY TEST PERIOD AND HAS BEEN ACCEPTED BY THE DEPARTMENT'S DISTRICT SIGNAL ENGINEER. UPON COMPLETION OF THE TEST PERIOD, ASSOCIATED UTILITY COST FOR THE SIGNAL INSTALLATION WILL BE TRANSFERRED TO THE GEORGIA DEPARTMENT OF TRANSPORTATION.
- AFTER SATISFACTORY COMPLETION OF A 30 DAY TEST (BURN IN) RESPONSIBILITY FOR MAINTANANCE FOR MAINTENANCE AND OPERATION OF THE NEW SIGNAL INSTALLATION WILL BE TRANSFERRED TO THE DEPARTMENT.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR RESPONDING TO REPORTS OF TRAFFIC SIGNAL "TROUBLE" OR MALFUNCTION UPON ACTIVATION OF NEW SIGNAL EQUIPMENT. AT NO TIME DURING THE PROJECT WILL THE CONTRACTOR ALLOW EXISTING OR NEWLY ACTIVATED TRAFFIC SIGNAL OPERATIONS TO BE INOPERATIVE. PRIOR TO THE ACTIVATING NEW SIGNAL EQUIPMENT OR INITIATION OF "FLASHING" OPERATION, THE CONTRACTOR WILL CONTACT THE DISTRICT THREE TRAFFIC SIGNAL SHOP, AT LEAST 14 WORKING DAYS PRIOR TO ACTIVATION TO ALLOW PRELIMINARY INSPECTION OF THE INSTALLATION AND DEVELOPMENT OF SIGNAL TIMING.
- THE CONTRACTOR SHALL SUBMIT POLE FOUNDATION CALCULATIONS AND SHOP DRAWINGS FOR REVIEW TO THE DISTRICT TRAFFIC ENGINEER.
- ALL UTILITY WORK REQUIRED BY THE PROJECT WILL REQUIRE SEPARATE PERMITTING THROUGH THE DISTRICT UTILITY OFFICE.

REVISION DATES


STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE: PROGRAM DELIVERY

**SIGNAL PLANS**  
DETAILS, SUMMARY OF QUANTITIES,  
NOTES AND REVISIONS

PROJECT: CSMSL-0006-00(293)  
COUNTY: COWETA

DRAWING No.  
**27-004**



SHEET NO. 157  
 TOTAL SHEETS 282  
 PROJECT: CSMSL-0006-00(293)  
 COUNTY: COWETA  
 DRAWING NO. 27-004