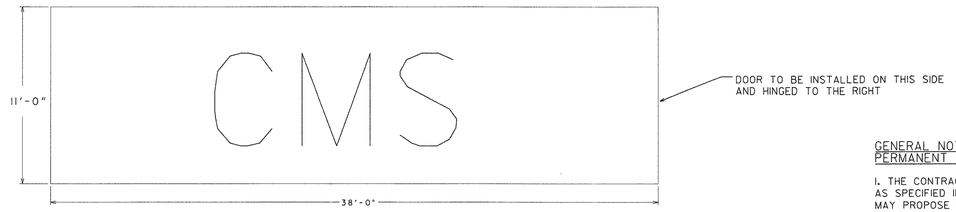
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CM-285-1(377)	69	258



CHANGEABLE MESSAGE SIGN #255

GENERAL NOTES
PERMANENT CHANGEABLE MESSAGE SIGN SYSTEM:

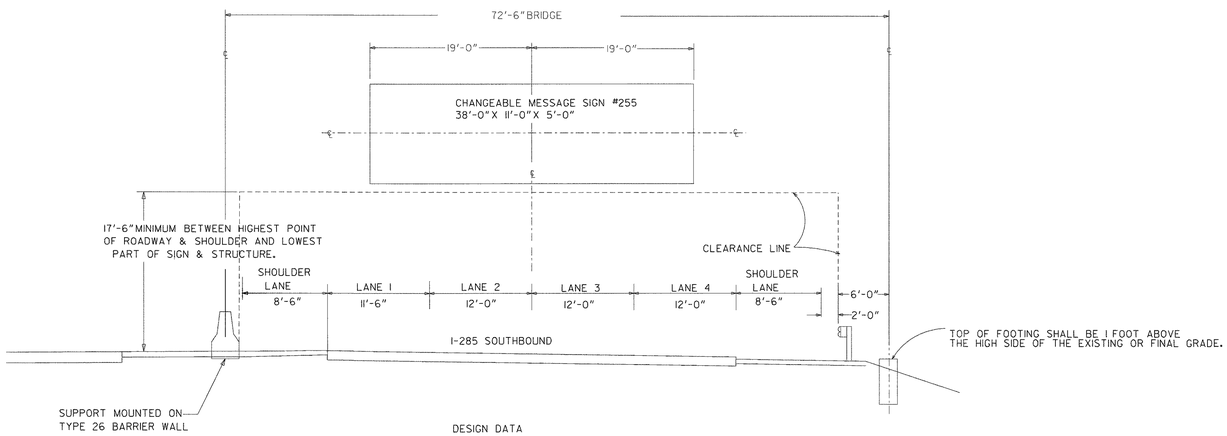
1. THE CONTRACTOR SHALL FURNISH AND INSTALL A CABINET AS SHOWN ON THE PLANS AND AS SPECIFIED IN SECTION 631, AT ALL CMS LOCATIONS IN THIS PROJECT. THE CONTRACTOR MAY PROPOSE A DIFFERENT CABINET HOUSING AND/OR MOUNTING LOCATION IN WRITING TO THE ENGINEER AT THE PRECONSTRUCTION CONFERENCE OR WITHIN 7 CALENDAR DAYS OF THE NOTICE-TO-PROCEED, WHICHEVER IS SOONER.

2. THE CONTRACTOR SHALL FURNISH AND INSTALL NEW GROUND ROD AND CONDUCTOR ASSEMBLIES FOR THE CMS STRUCTURE/DISPLAY HOUSING AND FOR THE CMS CONTROLLER CABINET. GROUND RODS SHALL BE MINIMUM 10 FEET IN LENGTH. RESISTANCE TO GROUND FROM THE GROUND CONDUCTOR CLAMP SHALL BE MEASURED WITH A THREE-POINT EARTH GROUND TEST MEGGER IN THE PRESENCE OF THE ENGINEER. MAXIMUM RESISTANCE TO GROUND AS TESTED SHALL BE 10 OHMS.

THE GROUNDING REQUIREMENTS SHOWN HERE ARE A MINIMUM. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR PROVIDING CMS SYSTEM GROUNDING IN ACCORDANCE WITH THE CMS MANUFACTURERS RECOMMENDATIONS. AS PART OF THE SUBMITTAL DATA REQUIREMENTS OF SECTION 631.1.03, THE CONTRACTOR SHALL FULLY SPECIFY THE CMS SYSTEM GROUNDING ASSEMBLY RECOMMENDED BY THE CMS MANUFACTURER OR SHALL SPECIFY IN WRITING THAT THE MINIMUM REQUIREMENTS SHOWN HERE ARE WITHIN THE RECOMMENDATIONS OF THE CMS MANUFACTURER.

3. ALL WIRING AND CABLING SHALL BE FULLY INTERNAL TO THE CMS SUPPORT STRUCTURE OR UNDERGROUND CONDUIT AT ALL TIMES. NO EXTERNAL CONDUIT ON THE SUPPORT STRUCTURE IS PERMITTED. ALL CABLE ENTRANCES BETWEEN THE CMS SUPPORT STRUCTURE AND THE CMS DISPLAY HOUSING SHALL BE BY GALVANIZED RIGID STEEL CONDUIT, UV-STABILIZED METALLIC LIQUID TIGHT FLEXIBLE CONDUIT, OR AN LB OR SIMILAR CONDUIT BODY ALWAYS INSTALLED INTO THREADED COLLARS IN THE SUPPORT STRUCTURE. THE THREADED COLLARS SHALL BE DESIGNED AND FABRICATED AT THE POINT OF MANUFACTURE BY THE SUPPORT STRUCTURE MANUFACTURER. STREET ELBOWS AND SWEEPS ARE NOT PERMITTED. FIELD DRILLING OF THE CMS SUPPORT STRUCTURE IS NOT PERMITTED UNLESS SPECIFIED IN THE APPROVED SHOP DRAWINGS.

4. MAINTENANCE WALKWAY SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 638 OF THE STANDARD SPECIFICATIONS. AN ADDITIONAL WALKWAY SHALL BE CONSTRUCTED AT THE RIGHT EDGE OF THE SIGN THAT IS PERPENDICULAR TO THE MAINTENANCE WALKWAY AND SHALL EXTEND THE FULL DEPTH OF THE SIGN.



DESIGN DATA

STRUCTURAL SUPPORT	TYPE 1
DESIGN SIGN AREA	418 SQ. FT.
DESIGN WIND VELOCITY	PER A.A.S.H.T.O. SPECS.
STRUCTURE LENGTH:	72' - 6"

STRUCTURAL SUPPORT # NAV G/H 8_31
STA. 1472 + 00

GRESHAM SMITH AND PARTNERS

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OFFICE OF TRAFFIC SAFETY & DESIGN

DATE	REVISIONS

GEORGIA DEPARTMENT OF TRANSPORTATION
I-285 SOUTHWEST ATMS
CLEARANCE DIAGRAMS
PROJECT - PI 713371
COUNTY - FULTON
DATE - __/__/__ SHEET 28-45

$FILE$
$DATE$