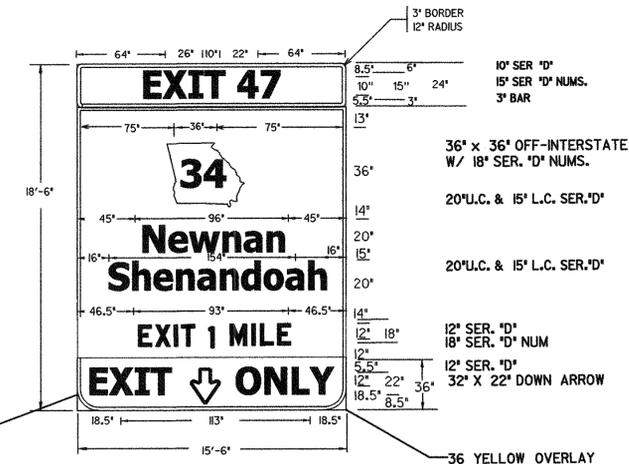


## DETAILS & CLEARANCE DIAGRAM FOR OVERHEAD SIGNS

**STRUCTURAL SUPPORT #F47I SBL  
STA 165+84, INTERSTATE 85**

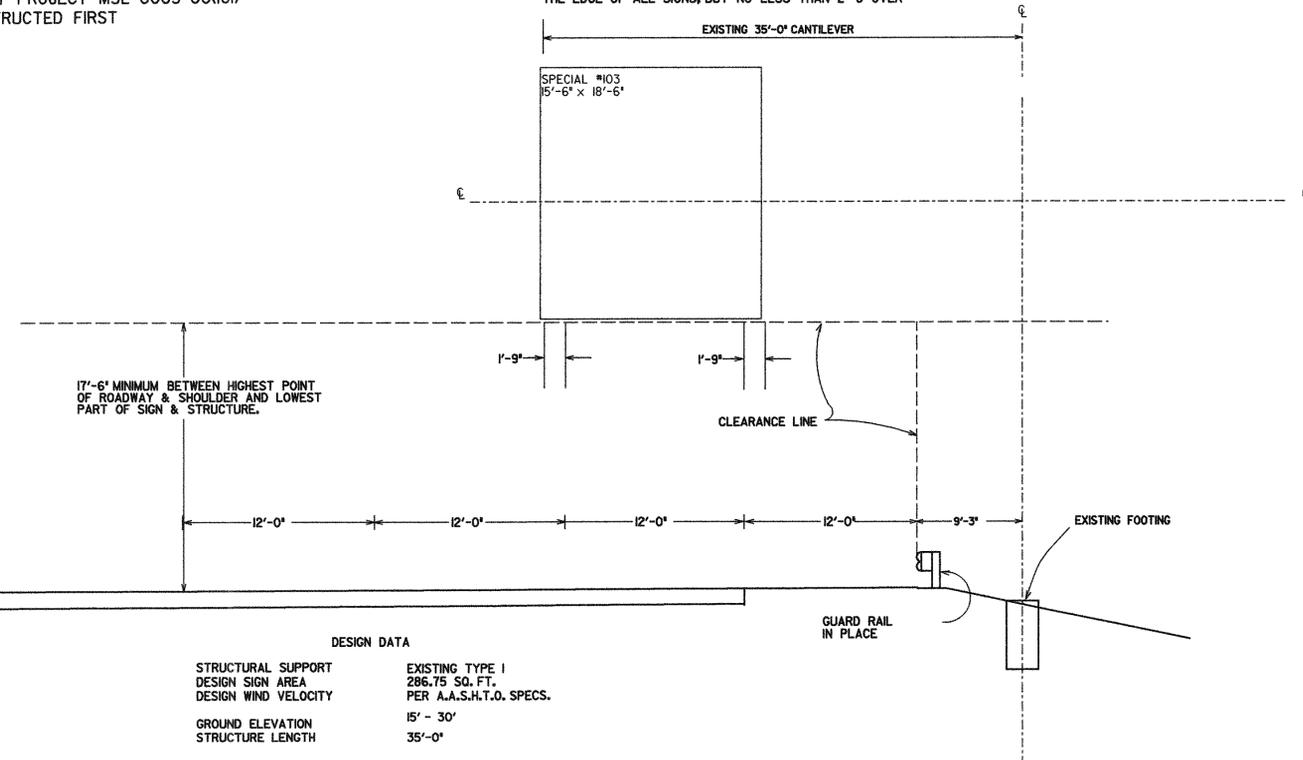
- NO SCALE -

- GENERAL NOTES
1. OVERHEAD HIGHWAY SIGNS SHALL CONFORM TO THE REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND ALL SUPPLEMENTS THERETO, AS WELL AS TO THE GEORGIA STANDARD SPECIFICATIONS AND/OR SPECIAL PROVISIONS.
  2. OVERHEAD HIGHWAY SIGNS SHALL BE FABRICATED WITH ALUMINUM BOLTED EXTRUDED PANELS.
  3. BACKGROUNDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE STANDARD INTERSTATE GREEN, TYPE III (ENCAPSULATED LENS) REFLECTIVE SHEETING, UNLESS SPECIFIED OTHERWISE IN THE PLANS.
  4. LEGENDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE WHITE, TYPE VI (PRISMATIC LENS) REFLECTIVE SHEETING LETTERS, NUMERALS, SYMBOLS, AND BORDERS ON 0.032 INCH ALUMINUM CUTOUTS.
  5. SHIELDS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE AND SHAPE SPECIFIED IN THE PLANS. U.S. AND GEORGIA SHIELD LEGENDS SHALL BE BLACK NUMERALS AND LETTERS SILK SCREENED ON WHITE, TYPE VI (PRISMATIC LENS) REFLECTIVE SHEETING BACKGROUNDS WITH NO BORDERS. INTERSTATE SHIELDS SHALL BE PER THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
  6. FOR DETAILS OF U.S. AND INTERSTATE SHIELDS AND ARROWS, REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION.
  7. LEGENDS FOR OVERHEAD HIGHWAY SIGNS SHALL BE FASTENED TO SIGN WITH ALUMINUM PULL-THROUGH BLIND RIVETS OR WITH AN APPROVED NON-CORROSIVE FASTENER.
  8. SPACING BETWEEN LETTERS OR OTHER CHARACTERS THAT IS NOT SHOWN IN THE PLANS MAY BE RECOMMENDED BY THE MANUFACTURER, BUT SHALL CONFORM TO INTERSTATE SIGNING REQUIREMENTS.
  9. YELLOW OVERLAYS SHALL BE 0.08 INCH ALUMINUM OF THE SIZE SPECIFIED IN THE PLANS. LEGENDS SHALL BE BLACK LETTERS, NUMERALS, AND SYMBOLS SILK SCREENED ON STANDARD INTERSTATE YELLOW, TYPE III (ENCAPSULATED LENS) REFLECTIVE SHEETING BACKGROUNDS. SEE GENERAL NOTE NO. 4 FOR BORDER. SIGN PANELS BEHIND YELLOW OVERLAYS SHALL BE THE SAME COLOR AS THE REST OF THE SIGN.
  10. ALL OVERHEAD STRUCTURES SHALL BE DESIGNED FOR EXTERNAL ILLUMINATION, ALTHOUGH ILLUMINATION IS NOT REQUIRED ON THIS PROJECT. FOR SPECIFICATIONS ON STRUCTURAL SUPPORTS FOR OVERHEAD HIGHWAY SIGNS, SEE SECTION 638 OF THE GEORGIA STANDARD SPECIFICATIONS AND SUPPLEMENTS THERETO.
  11. FOR ASSEMBLY DETAILS AND ASSEMBLY COMPONENTS DETAILS ON ALUMINUM BOLTED EXTRUDED PANELS, REFER TO GEORGIA STANDARDS 9041 AND 9042.
  12. ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASSHTO M 314 GRADE 55.
  13. THE RESPONSIBILITY TO DETERMINE THAT THE SPAN LENGTHS SHOWN ON THE PLANS ARE CORRECT AND TO DETERMINE THE ELEVATION OF THE HIGHEST POINT OF THE PAVEMENT OR SHOULDER AND OF THE GROUNDLINE AT THE CENTERLINE OF EACH VERTICAL SUPPORT FOR ALL OVERHEAD STRUCTURES PRIOR TO THEIR DESIGN AND FABRICATION SHALL BE THE CONTRACTOR'S.
  14. SHORING SHALL BE INCLUDED AT NO COST TO THE DEPARTMENT IF REQUIRED FOR FOOTING CONSTRUCTION ON SIGN PROJECTS WITH NO ROADWAY CONSTRUCTION.
  15. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO AVOID ANY INTERFERENCE WITH UNDERGROUND UTILITIES. ANY DAMAGE TO UTILITIES CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL CALL 1-800-282-7411 PRIOR TO ANY DIGGING.
  16. MAINTENANCE WALKWAYS ARE REQUIRED ON STRUCTURAL SUPPORT TYPES I, II, III, IV AND VII. MAINTENANCE WALKWAYS ARE NOT REQUIRED ON STRUCTURAL SUPPORT TYPES V AND VI. MAINTENANCE WALKWAYS ON EXISTING STRUCTURES SHALL BE MODIFIED (IF NECESSARY) TO MEET THE REQUIREMENTS OF GEORGIA STANDARD SPECIFICATION 638.06(B). COST FOR THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR NEW SIGN MATERIAL.
  17. FOR LOCATION OF GUARDRAIL, SEE GEORGIA STANDARDS 4022A AND 4051 AND/OR CONSTRUCTION DETAILS.
  18. REMOVAL OF THE SIGN ILLUMINATION SYSTEM SHALL INCLUDE THE REMOVAL AND DISPOSAL OF ALL LUMINAIRES AND ALL CONDUIT ON THE STRUCTURE UP TO THE ACCESS HOLE IN THE VERTICAL SUPPORT. THE ACCESS HOLE SHALL BE CAPPED AND/OR PLUGGED AS REQUIRED. ALL CABLE ON THE SIGN STRUCTURE AND VERTICAL SUPPORT SHALL BE REMOVED. THE SUPPLY CABLES SHALL BE CAPPED IN THE BASE OF THE STRUCTURE. THE FUSES SHALL BE REMOVED FROM THE BASE OF THE STRUCTURE. THE CONDUIT AND CABLE FROM THE STRUCTURE TO THE SERVICE POINT SHALL BE LEFT INTACT. THE MAIN SOURCE CIRCUIT BREAKER SHALL BE TURNED OFF AND THE BREAKER CABINET SHALL BE LOCKED WITH A PADLOCK. ALL PADLOCKS SHALL BE KEYPED THE SAME AND THE KEYS SHALL BE GIVEN TO THE PROJECT ENGINEER. THE PADLOCKS AND KEYS SHALL BE SUPPLIED BY THE CONTRACTOR. THE LUMINAIRES SHALL BE DISPOSED OF BY THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE DISTRICT UTILITIES ENGINEER AT 770-986-1090 EACH TIME LIGHTING SERVICE AT A SIGN STRUCTURE IS DISCONTINUED. THE CONTRACTOR SHALL ALSO NOTIFY THE DISTRICT UTILITIES ENGINEER OF THE TOTAL NUMBER OF SERVICE POINTS TAKEN OUT OF SERVICE.



NOTE: THIS SECTION OF THE SIGN IS NOT TO BE INCLUDED IF THE ADJACENT PROJECT MSL-0003-00(16) IS CONSTRUCTED FIRST

NOTE: MAINTENANCE WALKWAY SHALL BE CONTINUOUS TO ALL SIGNS AND SHALL EXTEND A MINIMUM OF 1'-0" OUTSIDE THE EDGE OF ALL SIGNS, BUT NO LESS THAN 2'-0" OVER



DESIGN DATA

STRUCTURAL SUPPORT	EXISTING TYPE I
DESIGN SIGN AREA	286.75 SQ. FT.
DESIGN WIND VELOCITY	PER A.A.S.H.T.O. SPECS.
GROUND ELEVATION	15' - 30'
STRUCTURE LENGTH	35'-0'

REVISION DATES

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE:  
SIGNING AND MARKING PLANS

**MULKEY**  
ENGINEERS & CONSULTANTS  
1255 CANTON STREET, SUITE 6  
ROSWELL, GEORGIA 30075  
(678) 461-3511

DRAWING No.  
**26-21**