

Shoring Location No. 4:

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION FOR THE LOCATIONS LISTED IN THE TABLE, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

WHERE THE STANDARD TEMPORARY SHORING DETAILS DO NOT APPLY, DESIGN TEMPORARY SHORING FROM STATION -L- STA 110+00±, 20.9 FT RT TO STATION -L- STA 120+00±, 39.8 FT RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ): 120 PCF
 FRICTION ANGLE (ϕ): 30 DEGREES
 COHESION (c): 0 PSF
 GROUNDWATER ELEVATION: VARIES, ASSUMED ELEVATION EQUIVALENT TO BOTTOM OF SHORING ELEVATION.

AT THE CONTRACTOR'S OPTION AND AS APPLICABLE, USE STANDARD TEMPORARY SHORING FOR THE TEMPORARY SHORING FROM STATION -L- STA 110+00±, 20.9 FT RT TO STATION -L- STA 120+00±, 39.8 FT RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- STA 110+00±, 20.9 FT RT TO STATION -L- STA 120+00±, 39.8 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- STA 110+00±, 20.9 FT RT TO STATION -L- STA 120+00±, 39.8 FT RT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L- STA 110+00±, 20.9 FT RT TO STATION -L- STA 120+00±, 39.8 FT RT, MAY NOT PENETRATE TO THE MINIMUM TIP ELEVATION DUE TO OBSTRUCTIONS, VERY DENSE SOIL, BOULDERS, WEATHERED ROCK OR HARD ROCK.

Shoring Location No. 5:

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION FOR THE LOCATIONS LISTED IN THE TABLE, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

WHERE THE STANDARD TEMPORARY SHORING DETAILS DO NOT APPLY, DESIGN TEMPORARY SHORING FROM STATION -L_ DET3- STA 15+29±, 20.0 FT LT TO STATION -L_ DET3- STA 16+60±, 20.0 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ): 120 PCF
 FRICTION ANGLE (ϕ): 30 DEGREES
 COHESION (c): 0 PSF
 GROUNDWATER ELEVATION: VARIES, ASSUMED ELEVATION EQUIVALENT TO BOTTOM OF SHORING ELEVATION.

AT THE CONTRACTOR'S OPTION AND AS APPLICABLE, USE STANDARD TEMPORARY SHORING FOR THE TEMPORARY SHORING FROM STATION -L_ DET3- STA 15+29±, 20.0 FT LT TO STATION -L_ DET3- STA 16+60±, 20.0 FT LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L_ DET3- STA 15+29±, 20.0 FT LT TO STATION -L_ DET3- STA 16+60±, 20.0 FT LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L_ DET3- STA 15+29±, 20.0 FT LT TO STATION -L_ DET3- STA 16+60±, 20.0 FT LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

Shoring Location No. 6:

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION FOR THE LOCATIONS LISTED IN THE TABLE, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.


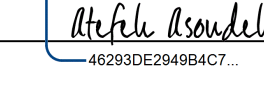
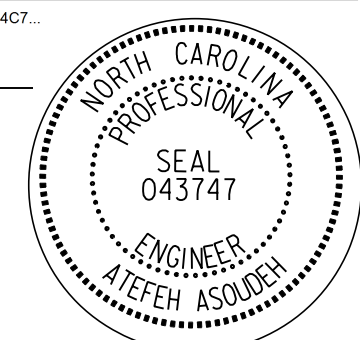

WHERE THE STANDARD TEMPORARY SHORING DETAILS DO NOT APPLY, DESIGN TEMPORARY SHORING FROM STATION -L- STA 126+95±, 20.0 FT RT TO STATION -L- STA 128+35±, 20.0 FT RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ): 120 PCF
 FRICTION ANGLE (ϕ): 30 DEGREES
 COHESION (c): 0 PSF
 GROUNDWATER ELEVATION: VARIES, ASSUMED ELEVATION EQUIVALENT TO BOTTOM OF SHORING ELEVATION.

AT THE CONTRACTOR'S OPTION AND AS APPLICABLE, USE STANDARD TEMPORARY SHORING OR A TEMPORARY WALL FOR THE TEMPORARY SHORING FROM STATION -L- STA 126+95±, 20.0 FT RT TO STATION -L- STA 128+35±, 20.0 FT RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING. SEE STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- STA 126+95±, 20.0 FT RT TO STATION -L- STA 128+35±, 20.0 FT RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

10/18/2023
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