

TEMPORARY SHORING 1

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

TEMPORARY SHORING IS REQUIRED FOR THE END BENT CONSTRUCTION FROM STATION 19+50± 22.5± FT RT OF -L- TO STATION 20+60± 23.5± FT RT OF -L-.

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

DESIGN TEMPORARY SHORING FROM STATION 19+50± 22.5± FT RT OF -L- TO STATION 20+60± 23.5± FT RT OF -L-, FOR THE FOLLOWINGS ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATIONS:

ABOVE ELEVATION 860 FT
UNIT WEIGHT = 110 LB/CF
FRICTION ANGLE (F) = 28 DEGREES
COHESION (C) = 0 LB/CF
BELOW ELEVATION 860 FT
UNIT WEIGHT = 120 LB/CF
FRICTION ANGLE (F) = 30 DEGREES
COHESION (C) = 0 LB/CF
GROUNDWATER ELEVATION = 875 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF THE TEMPORARY SHORING FROM STATION 19+50± 22.5± FT RT OF -L- TO STATION 20+60± 24.5± FT OF -L-. THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 19+50± 22.5± FT RT OF -L- TO STATION 20+60± 24.5± FT RT OF -L-. SEE STANDARD DRAWING 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 19+50± 22.5± FT RT OF -L- TO STATION 20+60± 24.5± FT RT OF -L-. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

TEMPORARY SHORING 2

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

TEMPORARY SHORING IS REQUIRED FOR THE END BENT CONSTRUCTION FROM STATION 21+25± 24.5± FT RT OF -L- TO STATION 22+00± 22.5± FT RT OF -L-, AND STATION 22+00± 22.5± FT RT OF -L- TO STATION 23+75± 21± FT RT OF -L-.

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

DESIGN TEMPORARY SHORING FROM STATION 21+25± 24.5± FT RT OF -L- TO STATION 22+00± 22.5± FT RT OF -L-, AND STATION 22+00± 22.5± FT RT OF -L- TO STATION 22+50± 22.5± FT RT OF -L-. FOR THE FOLLOWINGS ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATIONS:

ABOVE ELEVATION 865 FT
UNIT WEIGHT = 110 LB/CF
FRICTION ANGLE (F) = 28 DEGREES
COHESION (C) = 0 LB/CF
BELOW ELEVATION 865 FT
UNIT WEIGHT = 120 LB/CF
FRICTION ANGLE (F) = 30 DEGREES
COHESION (C) = 0 LB/CF
GROUNDWATER ELEVATION = 874 FT


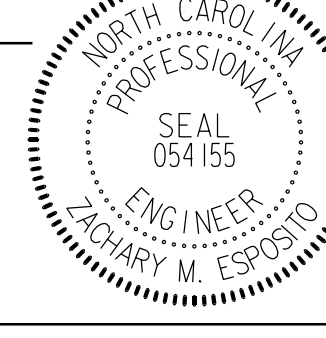
DESIGN TEMPORARY SHORING FROM STATION 22+50± 22.5± FT RT OF -L- TO STATION 23+75± 22.5± FT RT OF -L-. FOR THE FOLLOWINGS ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATIONS:

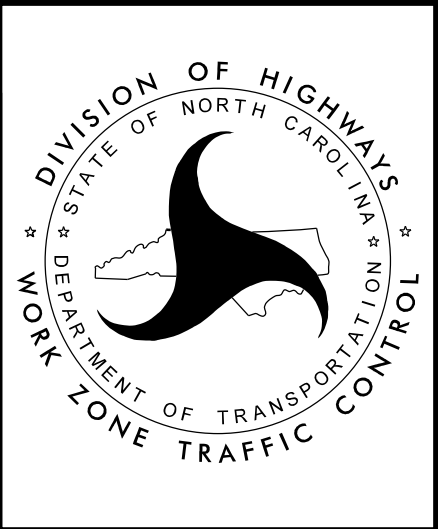
ABOVE ELEVATION 865 FT
UNIT WEIGHT = 110 LB/CF
FRICTION ANGLE (F) = 10 DEGREES
COHESION (C) = 0 LB/CF
BELOW ELEVATION 865 FT
UNIT WEIGHT = 120 LB/CF
FRICTION ANGLE (F) = 30 DEGREES
COHESION (C) = 0 LB/CF
GROUNDWATER ELEVATION = 874 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF THE TEMPORARY SHORING FROM STATION 21+25± 24.5 FT RT OF -L- TO STATION 23+75± 22.5± FT OF -L-. THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 21+25± 24.5± FT RT OF -L- TO STATION 23+75± 22.5± FT RT OF -L-. SEE STANDARD DRAWING 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION 21+25± 24.5± FT RT OF -L- TO STATION 23+75± 22.5± FT RT OF -L-. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

APPROVED: 	
DATE: 7/7/2025	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



TEMPORARY
SHORING NOTES