

## TEMPORARY SHORING DATA

### TEMPORARY SHORING LOCATION NO 1 (SEE TMP-4)

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

DESIGN TEMPORARY SHORING FROM FROM STATION 19+10 +/- -L-, 22 FEET, RT TO STATION 19+65 +/- -L-, 22 FEET, RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE,  $\gamma = 120$  PCF  
 UNIT WEIGHT OF SOIL BELOW WATER TABLE,  $\gamma' = 60$  PCF  
 FRICTION ANGLE,  $\theta = 30$   
 COHESION,  $c = 0$  PSF  
 GROUNDWATER ELEVATION = 553 FEET

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 19+10 +/- -L-, 22 FEET RT, TO STATION 19+65 +/- -L- 22 FEET RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 19+10 +/- -L-, 22 FEET RT, TO STATION 19+65 +/- -L- 22 FEET RT MAY NOT PENETRATE BELOW ELEVATION 558 FEET DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS, OR WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 19+10 +/- -L-, 22 FEET RT, TO STATION 19+65 +/- -L- 22 FEET RT. SEE GEOTECHNICAL STANDARD DETAIL 1801.01 FOR STANDARD TEMPORARY SHORING.

### TEMPORARY SHORING LOCATION NO 2 (SEE TMP-4)

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

DESIGN TEMPORARY SHORING FROM FROM STATION 24+70 +/- -L-, 22 FEET, RT TO STATION 25+30 +/- -L-, 22 FEET, RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE,  $\gamma = 120$  PCF  
 UNIT WEIGHT OF SOIL BELOW WATER TABLE,  $\gamma' = 60$  PCF  
 FRICTION ANGLE,  $\theta = 30$   
 COHESION,  $c = 0$  PSF  
 GROUNDWATER ELEVATION = 538 FEET

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 24+70 +/- -L-, 22 FEET RT, TO STATION 25+30 +/- -L- 22 FEET RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

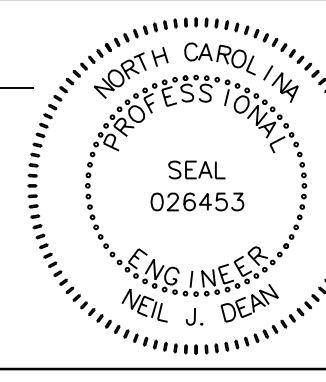
DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 24+70 +/- -L-, 22 FEET RT, TO STATION 25+30 +/- -L- 22 FEET RT MAY NOT PENETRATE BELOW ELEVATION 538 FEET DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS, OR WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 24+70 +/- -L-, 22 FEET RT, TO STATION 25+30 +/- -L- 22 FEET RT. SEE GEOTECHNICAL STANDARD DETAIL 1801.01 FOR STANDARD TEMPORARY SHORING.

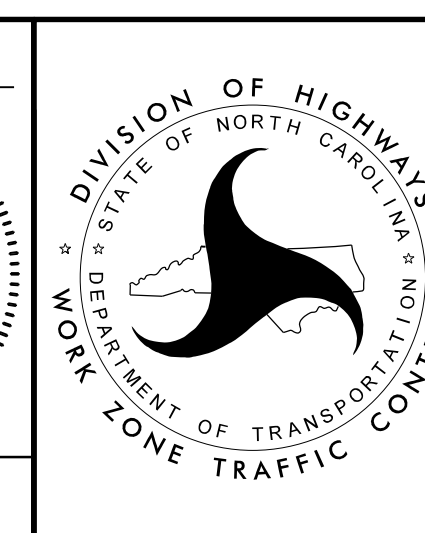
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 joanna.mccormack

APPROVED: *Neil Dean*  
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 DATE: 4/8/2022

SEAL



**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



**TEMPORARY TRAFFIC CONTROL  
 TEMPORARY SHORING NOTES**