

TEMPORARY SHORING NO. 1

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. 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 -L- 112+50 +/-, 25''LT TO STATION -L- 113+50 +/-, 25''LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
 GROUNDWATER ELEVATION = 37'
 UNIT WEIGHT (γ_a) = 120 PCF
 FRICTION ANGLE (ϕ) = 30 DEGREES
 COHESION (c) = 0 PSF
 AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 112+50 +/-, 25''LT TO STATION -L- 113+50 +/-, 25''LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.


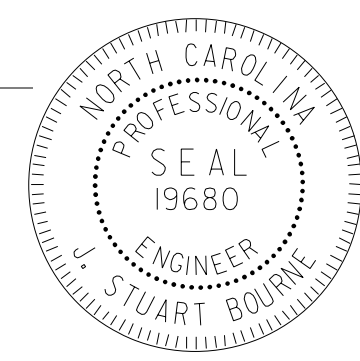
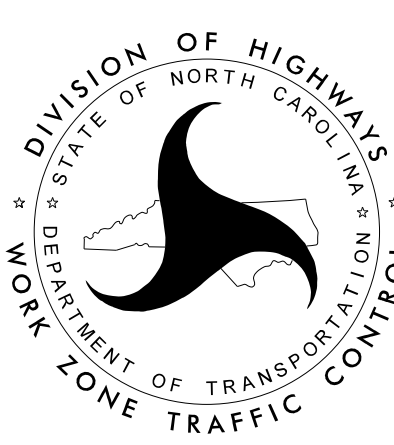
TEMPORARY SHORING NO. 2

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. 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 -L- 124+00 +/-, 25''LT TO STATION -L- 125+30 +/-, 25''LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:
 GROUNDWATER ELEVATION = 39'
 SOIL PARAMETERS ABOVE ELEVATION 48'
 UNIT WEIGHT (γ_a) = 120 PCF
 FRICTION ANGLE (ϕ) = 30 DEGREES
 COHESION (c) = 0 PSF
 SOIL PARAMETERS BETWEEN ELEVATION 48'' AND ELEVATION 39'
 UNIT WEIGHT (γ_a) = 110 PCF
 FRICTION ANGLE (ϕ) = 0 DEGREES
 COHESION (c) = 200 PSF
 SOIL PARAMETERS BELOW ELEVATION 39'
 UNIT WEIGHT (γ_a) = 110 PCF
 FRICTION ANGLE (ϕ) = 0 DEGREES
 COHESION (c) = 500 PSF

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Please also reference the Standard Temporary Shoring provision and Geotechnical Standard Detail No. 1801.01 included in the contract.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED BY SEALED DOCUMENTS SUBMITTED ON JULY 8, 2020 AND SEALED BY PROFESSIONAL ENGINEER, MATTHEW R. SNYDER LICENSE # 044566

APPROVED:  DATE: 8/12/2020 		<p align="center">TEMPORARY SHORING NOTES</p>
<p align="center">DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		