

NOTES FOR 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 15+55 +/- -WB_TEMP-, 18 FT. (LEFT) TO STATION 17+10 +/- -WB_TEMP-, 17.5 FT. (LEFT) FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT () = 120 LB/CF
 FRITCTION ANGLE () = 30 DEGREES
 COHESION (c) = 0 LB/SF
 GROUNDWATER ELEVATION = 170 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 15+55 +/- -WB_TEMP-, 18 FT. (LEFT), TO STATION 17+10 +/- -WB_TEMP-, 17.5 FT. (LEFT), MAY NOT PENETRATE BELOW ELEVATION 142 FT. DUE TO THE PRESENCE OF AN OBSTRUCTION, VERY DENSE OR HARD SOIL, WEATHERED OR HARD ROCK.

NOTES FOR 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 22+80 +/- -EB_TEMP-, 20 FT. (RIGHT), TO STATION 24+00 +/- -EB_TEMP-, 20 FT. (RIGHT) FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

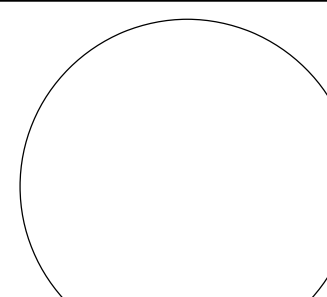
UNIT WEIGHT () = 120 LB/CF
 FRITCTION ANGLE () = 30 DEGREES
 COHESION (c) = 0 LB/SF
 GROUNDWATER ELEVATION = 170 FT

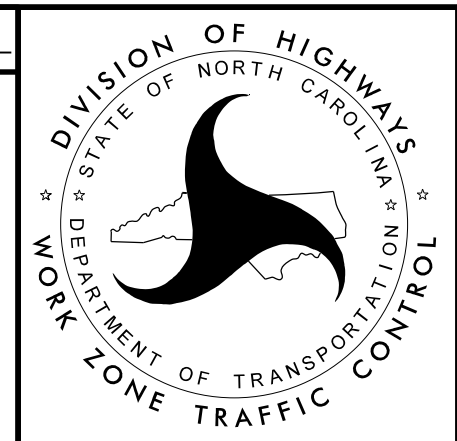
DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 22+80 +/- -EB_TEMP-, 20 FT. (RIGHT), TO STATION 24+00 +/- -EB_TEMP-, 20 FT. (RIGHT), MAY NOT PENETRATE BELOW ELEVATION 140 FT. DUE TO THE PRESENCE OF AN OBSTRUCTION, VERY DENSE OR HARD SOIL, WEATHERED OR HARD ROCK.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH SEALED DOCUMENTS FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENTS WERE SUBMITTED TO THE WZTC SECTION ON JANUARY 28, 2015 AND SEALED BY PROFESSIONAL ENGINEER, NADIA AL-DHALIMY, P.E., LICENSE #038545.

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 \$\$\$\$USERNAME\$\$\$\$

PLANS PREPARED BY
PARSONS
 5540 CENTERVIEW DRIVE, SUITE 217
 RALEIGH, NORTH CAROLINA 27606
 NC LICENSE NO. F12226
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

APPROVED: _____	DATE: _____
	
SEAL	



TRANSPORTATION
 MANAGEMENT PLAN

**TEMPORARY
 SHORING NOTES**