

Shoring Location Nos. 3, 3A, and 3B

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

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION FROM STATION 13+48± -Y6-, 29 FT (RT), TO STATION 13+53± -Y6-, 6 FT (LT), FROM STATION 13+69± -Y6-, 26 FT (RT), TO STATION 13+73± -Y6-, 6 FT (LT) AND FROM STATION 13+53± -Y6-, 6 FT (LT), TO STATION 13+73± -Y6-, 6 FT (LT).

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 13+48± -Y6-, 29 FT (RT), TO STATION 13+53± -Y6-, 6 FT (LT), FROM STATION 13+69± -Y6-, 26 FT (RT), TO STATION 13+73± -Y6-, 6 FT (LT) AND FROM STATION 13+53± -Y6-, 6 FT (LT), TO STATION 13+73± -Y6-, 6 FT (LT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = N/A FT

NO SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 13+48± -Y6-, 29 FT (RT), TO STATION 13+53± -Y6-, 6 FT (LT), FROM STATION 13+69± -Y6-, 26 FT (RT), TO STATION 13+73± -Y6-, 6 FT (LT) AND FROM STATION 13+53± -Y6-, 6 FT (LT), TO STATION 13+73± -Y6-, 6 FT (LT). THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

Shoring Location Nos. 4, 4A, and 4B

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

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION FROM STATION 13+53± -Y6-, 4 FT (LT), TO STATION 13+73± -Y6-, 4 FT (LT), FROM STATION 13+53± -Y6-, 4 FT (LT), TO STATION 13+57± -Y6-, 33 FT (LT) AND FROM STATION 13+73± -Y6-, 4 FT (LT), TO STATION 13+78± -Y6-, 36 FT (LT).

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 13+73± -Y6-, 4 FT (LT), FROM STATION 13+53± -Y6-, 4 FT (LT), TO STATION 13+57± -Y6-, 33 FT (LT) AND FROM STATION 13+73± -Y6-, 4 FT (LT), TO STATION 13+78± -Y6-, 36 FT (LT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

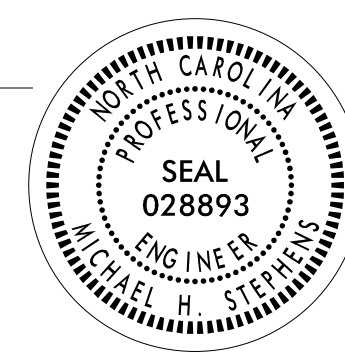
- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = N/A FT

NO SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 13+73± -Y6-, 4 FT (LT), FROM STATION 13+53± -Y6-, 4 FT (LT), TO STATION 13+57± -Y6-, 33 FT (LT) AND FROM STATION 13+73± -Y6-, 4 FT (LT), TO STATION 13+78± -Y6-, 36 FT (LT). THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

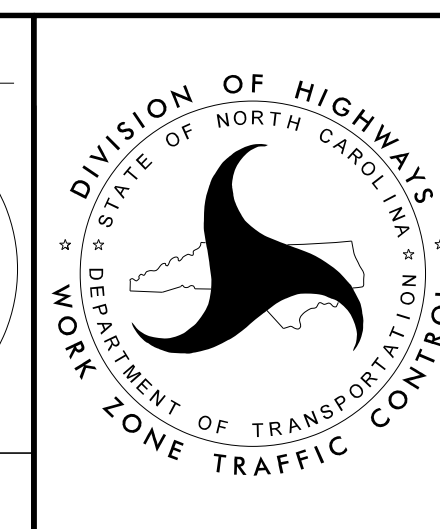
10/24/2016
P:\TIP\Projects-U\3633\Traffic\TrafficControl\TCP\U3633_TC_TMP_2B.dgn
User:kedd

APPROVED: *Michael Stephens*
819631583C7046C

DATE: 10/24/2016



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



TEMPORARY SHORING NOTES