

PROJ. REFERENCE NO.	SHEET NO.
U-5840	TMP-2



**TEMPORARY SHORING NOTES**

**TEMPORARY SHORING LOCATION ① (SEE SHEET TMP-4)**

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.

TEMPORARY SHORING IS REQUIRED FOR THE UTILITY INSTALLATION FROM STATION 54+75± -L-, 20FT (RT), TO STATION 55+65± -L-, 15 FT (RT).

DESIGN TEMPORARY SHORING FROM STATION 54+75± -L-, 20 FT (RT), TO STATION 55+65± -L-, 15FT (RT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF
- FRICTION ANGLE ( $\phi$ ) = 28 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = <2,102.1 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 54+75± -L-, 20 FT(RT), TO STATION 55+65± -L-, 15 FT(LT), THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

**TEMPORARY SHORING LOCATION ② (SEE SHEET TMP-4)**

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

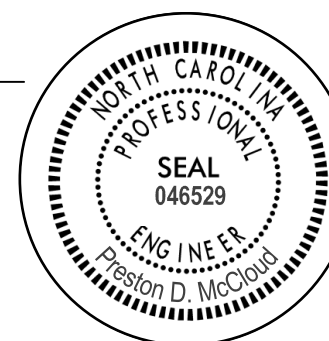
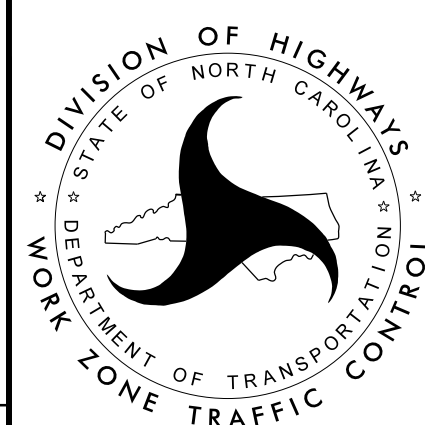
TEMPORARY SHORING IS REQUIRED FOR THE UTILITY INSTALLATION FROM STATION 56+45± -L-, 10FT (RT), TO STATION -L- 58+20± -L-, 35 (FT) RIGHT.

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 56+45± -L-, 10 FT (RT), TO STATION 58+20± -L-, 35 FT (LT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 110 LB/CF
- FRICTION ANGLE ( $\phi$ ) = 26 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 2,086.4 FT

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APPROVED:  <small>488AT590582C4CC</small> DATE: 8/1/2018 SEAL			<b>TEMPORARY SHORING NOTES</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			