

TEMPORARY SHORING NOTES

TEMPORARY SHORING #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- 84+19.89 TO STATION 84+88.79 (1.72 FT. RT TO 1.36 FT. RT) FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

ABOVE ELEVATION 98 FT. +/-

MOIST UNIT WEIGHT = 125 PCF

SATURATED UNIT WEIGHT = 130 PCF

FRICTION ANGLE = 30 DEGREES

COHESION = 0 PSF

BELOW ELEVATION 95 FT. +/-

SATURATED UNIT WEIGHT = 125 PCF

FRICTION ANGLE = 0 DEGREES

COHESION = 1200 PSF

GROUNDWATER ELEVATION 105 FT. +/-

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- STA 84+19.89 TO STA 84+88.79 (1.72 FT. RT TO 1.36 FT. RT). THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED BASED ON INTERPOLATED BORING INFORMATION FROM OUTSIDE OF THE EXISTING ROADWAY EMBANKMENT IN THE VICINITY OF THE PROPOSED CULVERT AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L- STA 84+19.89 TO STA 84+88.79 (1.72 FT. RT TO 1.36 FT. RT) MAY NOT PENETRATE BELOW ELEVATION 92 FT. +/- DUE TO HARD SOIL, WEATHERED ROCK OR HARD ROCK

TEMPORARY SHORING #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- STA 84+20.05 TO STA 84+89.00 (11.00 FT. RT TO 8.05 FT. RT) FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

ABOVE ELEVATION 98 FT. +/-

MOIST UNIT WEIGHT = 125 PCF

SATURATED UNIT WEIGHT = 130 PCF

FRICTION ANGLE = 30 DEGREES

COHESION = 0 PSF

BELOW ELEVATION 95 FT. +/-

SATURATED UNIT WEIGHT = 125 PCF

FRICTION ANGLE = 0 DEGREES

COHESION = 1200 PSF

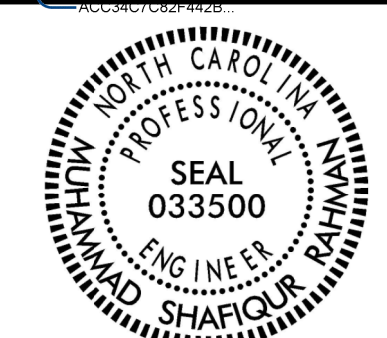
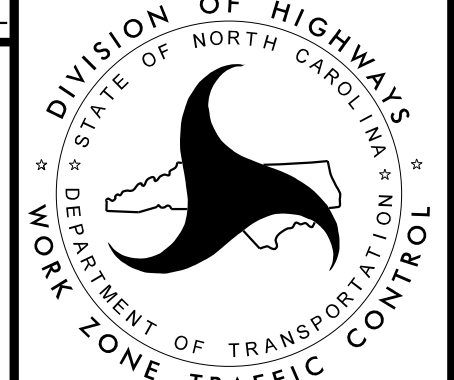
GROUNDWATER ELEVATION 105 FT. +/-

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM -L- STA 84+20.05 TO STA 84+89.00 (11.00 FT. RT TO 8.05 FT. RT). THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED BASED ON INTERPOLATED BORING INFORMATION FROM OUTSIDE OF THE EXISTING ROADWAY EMBANKMENT IN THE VICINITY OF THE PROPOSED CULVERT AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STA 84+20.05 TO STA 84+89.00 (11.00 FT. RT TO 8.05 FT. RT) MAY NOT PENETRATE BELOW ELEVATION 92 FT. +/- DUE TO HARD SOIL, WEATHERED ROCK OR HARD ROCK

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Kimley»Horn

APPROVED: <i>Shafiq Rahman</i> DATE: 6/29/2018 		<h2 style="margin: 0;">TEMPORARY SHORING NOTES</h2>
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