

TEMPORARY SHORING LOCATION NO. 01 ESTIMATED QUANTITY = 1500.8 SF

-L- STA. 35+39, 10.5' LT TO -L- STA. 36+51, 10.5' LT  
 LENGTH=112' AVERAGE HEIGHT = 13.4 FT MAXIMUM HEIGHT = 13.6 FT

- 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 -L- STATION 35+39, 10.5' LT TO STATION 36+51', 10.5' 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 = 767 FT
- DESIGN TEMPORARY SHORING FROM -L- STATION 35+39, 10.5' LT TO STATION 36+51', 10.5 FT FOR TRAFFIC IMPACT.
- LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM -L- STATION 35+39, 10.5' LT TO STATION 36+51', LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION BELOW 747 FT.
- DO NOT USE ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- STATION 35+39, 10.5' LT TO STATION 36+51', 10.5 LT.

TEMPORARY SHORING LOCATION NO. 02 ESTIMATED QUANTITY = 468.0 SF

-L- STA. 33+00, 9.3' LT TO -L- STA. 34+17, 11.5' LT  
 LENGTH=117' AVERAGE HEIGHT = 4.0 FT MAXIMUM HEIGHT = 4.7 FT

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- DESIGN TEMPORARY SHORING FROM -L- STATION 33+00, 9.3' LT TO STATION 34+17', 11.5' RT FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF  
 FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
 COHESION (c) = 0 LB/SF  
 GROUNDWATER ELEVATION = 767 FT

TEMPORARY SHORING LOCATION NO. 03 ESTIMATED QUANTITY = 3129.3 SF

-L- STA. 34+17, 11.5' LT TO -L- STA. 36+66, 11.5' LT  
 LENGTH=549' AVERAGE HEIGHT = 5.7 FT MAXIMUM HEIGHT = 6.1 FT

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- DESIGN TEMPORARY SHORING FROM -L- STATION 34+17, 11.5' LT TO STATION 36+66', 11.5' 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 = 767 FT

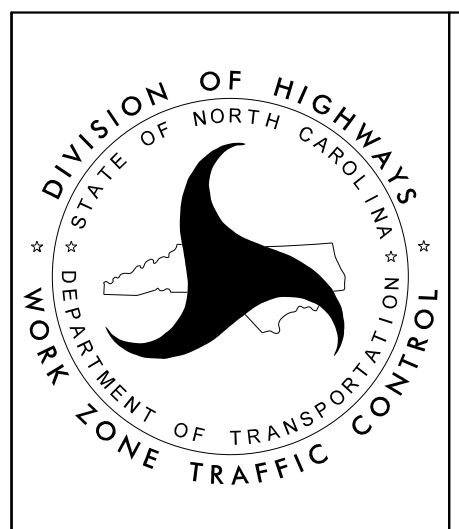
TEMPORARY SHORING LOCATION NO. 04 ESTIMATED QUANTITY = 1328.7 SF

-L- STA. 36+66, 11.5' LT TO -L- STA. 39+75, 7.5' LT  
 LENGTH=309' AVERAGE HEIGHT = 4.3 FT MAXIMUM HEIGHT = 6.6 FT

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- DESIGN TEMPORARY SHORING FROM -L- STATION 36+66, 11.5' LT TO STATION 39+75', 7.5' 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 = 767 FT

5/1/2023  
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THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER. THE DOCUMENT WAS SUBMITTED TO STANTEC CONSULTING ON (JANUARY 7, 2022) AND SEALED BY A PROFESSIONAL ENGINEER, (JEREMY R. HAMM), LICENSE #039779.



TEMPORARY SHORING NOTES