

PROJ. REFERENCE NO.	SHEET NO.
I-5987B	TMP-2TS20

TEMPORARY SHORING LOCATION NO. **UE-31** SEE SHEET TMP-282  
**ESTIMATED QUANTITY = 350 SF**

-L- STA. 903+25±, 115.0' LT TO -L- STA. 903+75±, 115.0' LT  
 LENGTH = 50' AVERAGE HEIGHT = 7.0 FT MAXIMUM HEIGHT = 7.0 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 STATION -L- 903+25±, 115' LT, TO  
 STATION -L- 903+75±, 115' LT, FOR THE FOLLOWING ASSUMED SOIL  
 PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.  $\geq$ 150 FT),  
 120 PCF (EL. <150 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL. =150 FT),  
 30 DEGREES (EL. <150 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 158 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L-  
 903+25±, 115' LT, TO STATION -L- 903+75±, 115' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR  
 TEMPORARY SHORING FROM STATION -L- 903+25±, 115' LT, TO STATION -L-  
 903+75±, 115' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR  
 STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-32** SEE SHEET TMP-235  
**ESTIMATED QUANTITY = 245 SF**

-L- STA. 903+25±, 110.0' RT TO -L- STA. 903+75±, 110.0' RT  
 LENGTH = 50' AVERAGE HEIGHT = 4.9 FT MAXIMUM HEIGHT = 4.9 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 STATION -L- 903+25±, 110' RT, TO  
 STATION -L- 903+75±, 110' RT, FOR THE FOLLOWING ASSUMED SOIL  
 PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.  $\geq$ 153 FT),  
 120 PCF (EL. <153 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL. =153 FT),  
 30 DEGREES (EL. <153 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 159 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L-  
 903+25±, 110' RT, TO STATION -L- 903+75±, 110' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR  
 TEMPORARY SHORING FROM STATION -L- 903+25±, 110' RT, TO STATION -L-  
 903+75±, 110' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR  
 STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-33** SEE SHEET  
 TMP-235 **ESTIMATED QUANTITY = 460 SF**

-L- STA. 904+75±, 110.0' RT TO -L- STA. 905+75±, 110.0' RT  
 LENGTH = 100' AVERAGE HEIGHT = 4.6 FT MAXIMUM HEIGHT = 4.6 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 STATION -L- 904+75±, 110' RT, TO  
 STATION -L- 905+75±, 110' RT, FOR THE FOLLOWING ASSUMED SOIL  
 PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.  $\geq$ 154 FT),  
 120 PCF (EL. <154 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL. =154 FT),  
 30 DEGREES (EL. <154 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 159 FT±

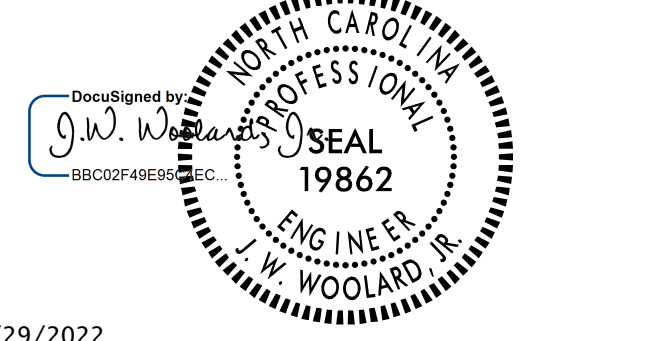
DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L-  
 904+75±, 110' RT, TO STATION -L- 905+75±, 110' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR  
 TEMPORARY SHORING FROM STATION -L- 904+75±, 110' RT, TO STATION -L-  
 905+75±, 110' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR  
 STANDARD TEMPORARY SHORING.

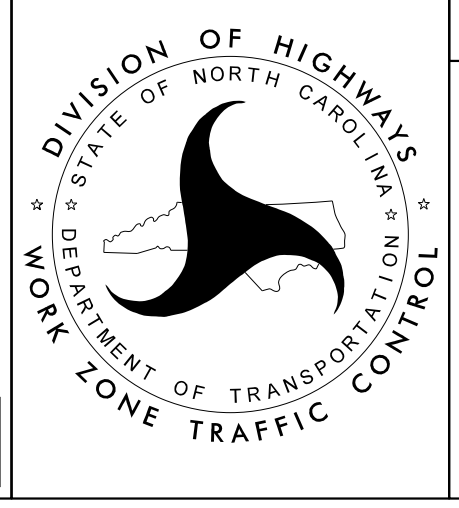
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**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



**SECTION 2**

**TEMPORARY SHORING NOTES  
 SECTION 2  
 LOCATIONS UE-31  
 THRU UE-33**