

SEE SHEETS	PROJ. REFERENCE NO.	SHEET NO.
TMP-226, 227	I-5987B	TMP-2TS17

TEMPORARY SHORING LOCATION NO. **UE-13** SEE SHEET TMP-226  
 ESTIMATED QUANTITY = 520 SF

-L- STA. 791+75±, 77.0' RT TO -L- STA. 792+75±, 77.0' RT  
 LENGTH = 100' AVERAGE HEIGHT = 4.8 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- 791+75±, 77' RT, TO STATION -L- 792+75±, 77' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.≥141 FT),  
 120 PCF (EL.<141 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL.=141 FT),  
 30 DEGREES (EL. <141 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 147 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 791+75±, 77' RT, TO STATION -L- 792+75±, 77' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 791+75±, 77' RT, TO STATION -L- 792+75±, 77' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-14** SEE SHEET TMP-226  
 ESTIMATED QUANTITY = 400 SF

-L- STA. 791+75±, 112.0' RT TO -L- STA. 792+75±, 112.0' RT  
 LENGTH = 100' AVERAGE HEIGHT = 4.0 FT MAXIMUM HEIGHT = 4.4 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- 791+75±, 112' RT, TO STATION -L- 792+75±, 112' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.≥141 FT),  
 120 PCF (EL.<141 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL.=141 FT),  
 30 DEGREES (EL. <141 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 147 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 791+75±, 112' RT, TO STATION -L- 792+75±, 112' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 791+75±, 112' RT, TO STATION -L- 792+75±, 112' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-15** SEE SHEETS TMP-226, 227  
 ESTIMATED QUANTITY = 4875 SF

-L- STA. 795+25±, 80.0' RT TO -L- STA. 801+75±, 80.0' RT  
 LENGTH = 650' AVERAGE HEIGHT = 7.5 FT MAXIMUM HEIGHT = 10.5 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- 795+25±, 80' RT, TO STATION -L- 801+75±, 80' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 90 PCF (EL.≥134 FT),  
 120 PCF (EL.<134 FT)  
 FRICTION ANGLE ( $\phi$ ) = 25 DEGREES (EL.=134 FT),  
 30 DEGREES (EL. <134 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 143 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 795+25±, 80' RT, TO STATION -L- 801+75±, 80' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 795+25±, 80' RT, TO STATION -L- 801+75±, 80' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-16** SEE SHEETS TMP-226, 227  
 ESTIMATED QUANTITY = 4420 SF

-L- STA. 795+25±, 118.0' RT TO -L- STA. 801+75±, 126.0' RT  
 LENGTH = 650' AVERAGE HEIGHT = 6.8 FT MAXIMUM HEIGHT = 10.0 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- 795+25±, 118' RT, TO STATION -L- 801+75±, 126' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 90 PCF (EL.≥134 FT),  
 120 PCF (EL.<134 FT)  
 FRICTION ANGLE ( $\phi$ ) = 25 DEGREES (EL.=134 FT),  
 30 DEGREES (EL. <134 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 143 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 795+25±, 118' RT, TO STATION -L- 801+75±, 126' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 795+25±, 118' RT, TO STATION -L- 801+75±, 126' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-17** SEE SHEETS TMP-273, 274  
 ESTIMATED QUANTITY = 5247 SF

-L- STA. 796+75±, 100.0' LT TO -L- STA. 802+58±, 100.0' LT  
 LENGTH = 583' AVERAGE HEIGHT = 9.0 FT MAXIMUM HEIGHT = 11.2 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- 796+75±, 100' LT, TO STATION -L- 802+58±, 100' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 90 PCF (EL.≥134 FT),  
 120 PCF (EL.<134 FT)  
 FRICTION ANGLE ( $\phi$ ) = 25 DEGREES (EL.=134 FT),  
 30 DEGREES (EL. <134 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 143 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 796+75±, 100' LT, TO STATION -L- 802+58±, 100' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 796+75±, 100' LT, TO STATION -L- 802+58±, 100' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-18** SEE SHEETS TMP-273, 274  
 ESTIMATED QUANTITY = 4489 SF

-L- STA. 796+75±, 115.0' LT TO -L- STA. 802+58±, 124.0' LT  
 LENGTH = 583' AVERAGE HEIGHT = 7.7 FT MAXIMUM HEIGHT = 9.8 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- 796+75±, 115' LT, TO STATION -L- 802+58±, 124' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 90 PCF (EL.≥134 FT),  
 120 PCF (EL.<134 FT)  
 FRICTION ANGLE ( $\phi$ ) = 25 DEGREES (EL.=134 FT),  
 30 DEGREES (EL. <134 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 143 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 796+75±, 115' LT, TO STATION -L- 802+58±, 124' LT.

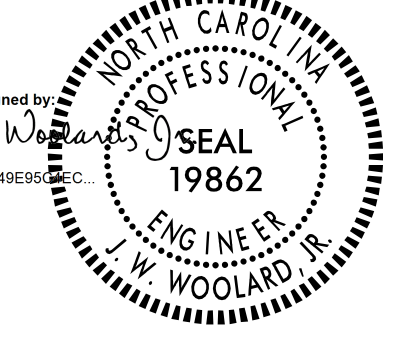
AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 796+75±, 115' LT, TO STATION -L- 802+58±, 124' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

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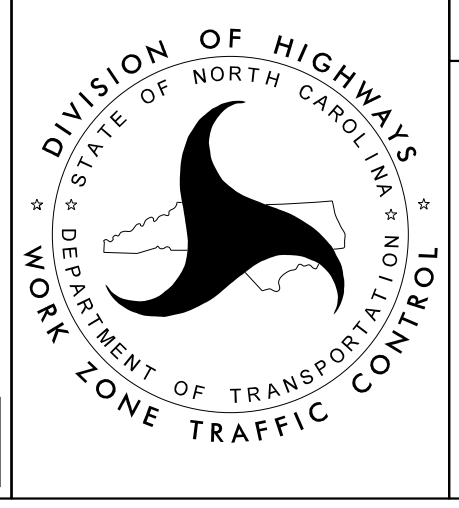


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DocuSigned by  
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 4/29/2022



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**SECTION 2**

**TEMPORARY SHORING NOTES  
 SECTION 2  
 LOCATIONS UE-13  
 THRU UE-18**