

PROJ. REFERENCE NO.	SHEET NO.
I-5987B	TMP-2TS16

TEMPORARY SHORING LOCATION NO. **UE-07** SEE SHEET TMP-11  
 ESTIMATED QUANTITY = 1240 SF

-L- STA. 586+75±, 78.0' RT TO -L- STA. 588+75±, 78.0' RT  
 LENGTH = 200' AVERAGE HEIGHT = 6.2 FT MAXIMUM HEIGHT = 8.8 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- 586+75±, 78' RT, TO STATION -L- 588+75±, 78' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 90 PCF (EL.≥137 FT),  
 120 PCF (EL.<137 FT)  
 FRICTION ANGLE ( $\phi$ ) = 25 DEGREES (EL.=137 FT),  
 30 DEGREES (EL. <137 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 143 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 586+75±, 78' RT, TO STATION -L- 588+75±, 78' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 586+75±, 78' RT, TO STATION -L- 588+75±, 78' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-08** SEE SHEET TMP-11  
 ESTIMATED QUANTITY = 1280 SF

-L- STA. 586+75±, 120.0' RT TO -L- STA. 588+75±, 125.0' RT  
 LENGTH = 200' AVERAGE HEIGHT = 6.4 FT MAXIMUM HEIGHT = 8.9 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- 586+75±, 120' RT, TO STATION -L- 588+75±, 125' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 90 PCF (EL.≥137 FT),  
 120 PCF (EL.<137 FT)  
 FRICTION ANGLE ( $\phi$ ) = 25 DEGREES (EL.=137 FT),  
 30 DEGREES (EL. <137 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 143 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 586+75±, 120' RT, TO STATION -L- 588+75±, 125' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 586+75±, 120' RT, TO STATION -L- 588+75±, 125' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-09** SEE SHEET TMP-216  
 ESTIMATED QUANTITY = 920 SF

-L- STA. 674+75±, 10.0' LT TO -L- STA. 676+75±, 17.0' LT  
 LENGTH = 200' AVERAGE HEIGHT = 4.6 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- 674+75±, 10' LT, TO STATION -L- 676+75±, 17' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.≥157 FT),  
 120 PCF (EL.<157 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL.=157 FT),  
 30 DEGREES (EL. <157 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 160 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 674+75±, 10' LT, TO STATION -L- 676+75±, 17' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 674+75±, 10' LT, TO STATION -L- 676+75±, 17' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-10** SEE SHEET TMP-216  
 ESTIMATED QUANTITY = 140 SF

-L- STA. 674+75±, 15.0' RT TO -L- STA. 676+75±, 15.0' RT  
 LENGTH = 150' AVERAGE HEIGHT = 4.4 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- 674+75±, 15' RT, TO STATION -L- 676+75±, 15' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.≥157 FT),  
 120 PCF (EL.<157 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL.=157 FT),  
 30 DEGREES (EL. <157 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 160 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 674+75±, 15' RT, TO STATION -L- 676+75±, 15' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 674+75±, 15' RT, TO STATION -L- 676+75±, 15' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-11** SEE SHEET TMP-216  
 ESTIMATED QUANTITY = 960 SF

-L- STA. 677+25±, 23.0' LT TO -L- STA. 678+75±, 23.0' LT  
 LENGTH = 150' AVERAGE HEIGHT = 6.4 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- 677+25±, 23' LT, TO STATION -L- 678+75±, 23' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.≥155 FT),  
 120 PCF (EL.<155 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL.=155 FT),  
 30 DEGREES (EL. <155 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 160 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 677+25±, 23' LT, TO STATION -L- 678+75±, 23' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 677+25±, 23' LT, TO STATION -L- 678+75±, 23' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. **UE-12** SEE SHEET TMP-216  
 ESTIMATED QUANTITY = 780 SF

-L- STA. 677+25±, 15.0' RT TO -L- STA. 678+75±, 7.0' RT  
 LENGTH = 150' AVERAGE HEIGHT = 5.2 FT MAXIMUM HEIGHT = 6.7 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- 677+25±, 15' RT, TO STATION -L- 678+75±, 7' RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:  
 UNIT WEIGHT ( $\gamma$ ) = 105 PCF (EL.≥155 FT),  
 120 PCF (EL.<155 FT)  
 FRICTION ANGLE ( $\phi$ ) = 27 DEGREES (EL.=155 FT),  
 30 DEGREES (EL. <155 FT)  
 COHESION (C) = 0 PSF  
 GROUNDWATER ELEVATION = 160 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 677+25±, 15' RT, TO STATION -L- 678+75±, 7' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -L- 677+25±, 15' RT, TO STATION -L- 678+75±, 7' RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

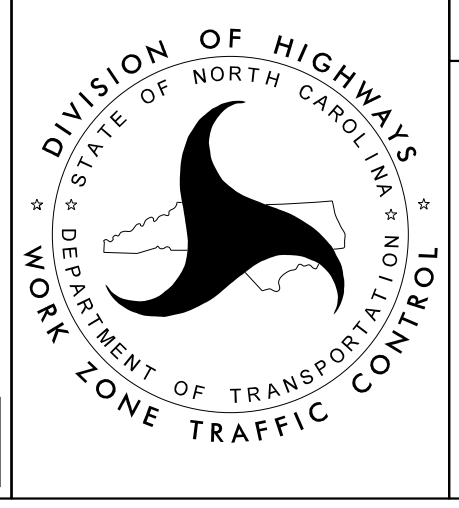
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Stantec Consulting Services Inc.  
 801 Jones Franklin Road  
 Suite 300  
 Raleigh, NC 27606  
 Tel. 919.851.6866  
 Fax. 919.851.7024  
 www.stantec.com  
 License No. F-0672



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



**SECTION 2**

**TEMPORARY SHORING NOTES  
 SECTION 1, AND 2  
 LOCATIONS UE-07  
 THRU UE-12**