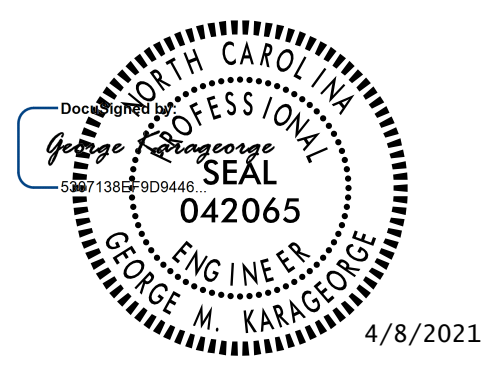


PROJECT REFERENCE NO.	SHEET NO.
I-5878/I-5883/I-5986B	TMP-2G2



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



TEMPORARY SHORING LOCATION NO. 1-9 SEE SHEET TMP-5F  
ESTIMATED QUANTITY = 3550.08 SF

-SR11- STA. 13+40, 7.5' RT TO -SR11- STA. 19+18, 7.5' RT  
LENGTH=578' AVERAGE HEIGHT = 6.14 FT MAXIMUM HEIGHT = 6.75 FT

**SHORING LOCATION NO. 1-9**

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 -SR11- 13+40 ±, 7.5 FT RIGHT, TO STATION -SR11- 19+18 ±, 7.5 FT RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 PCF
- FRICTION ANGLE ( $\phi$ ) = 30 DEGREES
- COHESION ( $c$ ) = 0 PSF
- GROUNDWATER ELEVATION = 188 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -SR11- 13+40 ±, 7.5 FT RIGHT, TO STATION -SR11- 19+18 ±, 7.5 FT RIGHT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -SR11- 13+40 ±, 7.5 FT RIGHT, TO STATION -SR11- 19+18 ±, 7.5 FT RIGHT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING LOCATION NO. 1-11 SEE SHEET TMP-6B  
ESTIMATED QUANTITY = 1451.06 SF

-L- STA. 1041+74, 38.0' LT TO -L- STA. 1042+86, 38.0' LT  
LENGTH=111.62' AVERAGE HEIGHT = 15.13 FT MAXIMUM HEIGHT = 19.40 FT

**SHORING LOCATION NO. 1-11**

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- 1041+74 ±, 38 FT LEFT, TO STATION -L- 1042+86 ±, 38 FT LEFT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 PCF
- FRICTION ANGLE ( $\phi$ ) = 28 DEGREES
- COHESION ( $c$ ) = 0 PSF
- GROUNDWATER ELEVATION = 162.5 FT

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 1041+74 ±, 38 FT LEFT, TO STATION -L- 1042+86 ±, 38 FT LEFT.

TEMPORARY SHORING LOCATION NO. 1-10 SEE SHEET TMP-6B  
ESTIMATED QUANTITY = 1415.93 SF

-L- STA. 1041+72, 30.5' LT TO -L- STA. 1042+82, 30.5' LT  
LENGTH=110.37' AVERAGE HEIGHT = 14.92 FT MAXIMUM HEIGHT = 19.09 FT

**SHORING LOCATION NO. 1-10**

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- 1041+72 ±, 30.5 FT LEFT, TO STATION -L- 1042+82 ±, 30.5 FT LEFT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 PCF
- FRICTION ANGLE ( $\phi$ ) = 28 DEGREES
- COHESION ( $c$ ) = 0 PSF
- GROUNDWATER ELEVATION = 162.5 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 1041+72 ±, 30.5 FT LEFT, TO STATION -L- 1042+82 ±, 30.5 FT LEFT.

TEMPORARY SHORING LOCATION NO. 1-12 SEE SHEET TMP-7  
ESTIMATED QUANTITY = 2322.14 SF

-SBCD- STA. 26+80, 17.5' RT TO -SBCD- STA. 30+74, 17.5' RT  
LENGTH=394.00' AVERAGE HEIGHT = 5.89 FT MAXIMUM HEIGHT = 7.08 FT

**SHORING LOCATION NO. 1-12**

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 -SCBD- 26+80 ±, 17.5 FT RIGHT, TO STATION -SCBD- 30+74 ±, 17.5 FT RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 PCF
- FRICTION ANGLE ( $\phi$ ) = 30 DEGREES
- COHESION ( $c$ ) = 0 PSF
- GROUNDWATER ELEVATION = 185 FT

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -SCBD- 26+80 ±, 17.5 FT RIGHT, TO STATION -SCBD- 30+74 ±, 17.5 FT RIGHT.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -SCBD- 26+80 ±, 17.5 FT RIGHT, TO STATION -SCBD- 30+74 ±, 17.5 FT RIGHT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02, FOR STANDARD TEMPORARY WALLS.

4/2/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP\_02G2 AI-3 TEMPORARY SHORING NOTES LOCATIONS.dgn Caroline.Owings

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER. THE DOCUMENT WAS SUBMITTED TO THE WZTC SECTION MICHAEL BAKER INTERNATIONAL ON SEPTEMBER 4, 2020 AND SEALED BY A PROFESSIONAL ENGINEER, STACIE E. MITCHELL, LICENSE #032125.

AREA 1  
TEMPORARY SHORING NOTES/LOCATIONS