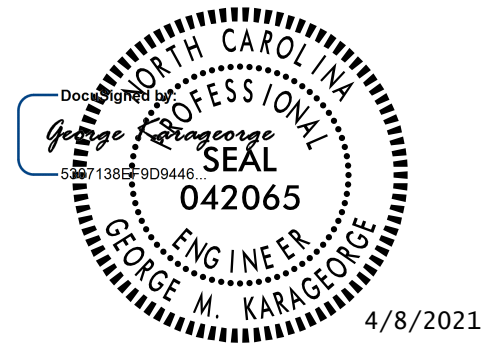


PROJECT REFERENCE NO.	SHEET NO.
I-5878 / I-5883 / I-5986B	TMP - 2G3



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

**Michael Baker  
INTERNATIONAL**

TEMPORARY SHORING LOCATION NO. 1-13 SEE SHEET TMP-10E  
ESTIMATED QUANTITY = 1530.31 SF

-L- STA. 1041+36, 30.5' RT TO -L- STA. 1042+50, 30.5' RT  
LENGTH=114.37' AVERAGE HEIGHT = 15.62 FT MAXIMUM HEIGHT = 20.09 FT

**SHORING LOCATION NO. 1-13**

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+36 ±, 30.5 FT RIGHT, TO STATION -L- 1042+50 ±, 30.5 FT RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 PCF
- FRICITION ANGLE ( $\phi$ ) = 26 DEGREES
- COHESION ( $c$ ) = 0 PSF
- GROUNDWATER ELEVATION = 176 FT

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 1041+36 ±, 30.5 FT RIGHT, TO STATION -L- 1042+50 ±, 30.5 FT RIGHT.

TEMPORARY SHORING LOCATION NO. 1-14 SEE SHEET TMP-10E  
ESTIMATED QUANTITY = 1527.98 SF

-L- STA. 1041+30, 38.0' RT TO -L- STA. 1042+44, 38.0' RT  
LENGTH=114.29' AVERAGE HEIGHT = 15.60 FT MAXIMUM HEIGHT = 20.07 FT

**SHORING LOCATION NO. 1-14**

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+30 ±, 38 FT RIGHT, TO STATION -L- 1042+44 ±, 38 FT RIGHT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ( $\gamma$ ) = 120 PCF
- FRICITION ANGLE ( $\phi$ ) = 26 DEGREES
- COHESION ( $c$ ) = 0 PSF
- GROUNDWATER ELEVATION = 176 FT

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -L- 1041+30 ±, 38 FT RIGHT, TO STATION -L- 1042+44 ±, 38 FT RIGHT.

4/2/2021 R:\Traffic\Transportation Management\PLAN SHEETS\I-5986B TMP\_02G3 AI-4 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