

PROJ. REFERENCE NO.	SHEET NO.
B-5694	TMP-2A

TEMPORARY SHORING NOTES

SHORING LOCATION NO.1

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 -DET- 19+80'±,21 FT.LEFT,TO STATION -DET- 20+42'±,21 FT.LEFT,FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
 FRICTION ANGLE (φ) = 30 DEGREES
 COHESION (c) = 0 LB/SF
 GROUNDWATER ELEVATION = 8.0 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -DET- 19+80'±,21 FT.LEFT,TO STATION -DET- 20+42'±,21 FT.LEFT.

SHORING LOCATION NO.2

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 -DET- 19+80'±,21 FT.RIGHT,TO STATION -DET- 20+42'±,21 FT.RIGHT,FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
 FRICTION ANGLE (φ) = 30 DEGREES
 COHESION (c) = 0 LB/SF
 GROUNDWATER ELEVATION = 8.0 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -DET- 19+80'±,21 FT.RIGHT,TO STATION -DET- 20+42'±,21 FT.RIGHT.

AT THE CONTRACTOR'S OPTION AND WHEN APPLICABLE,USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -DET- 19+80'±,21 FT.RIGHT,TO STATION -DET- 20+42'±,21 FT.RIGHT.SEE GEOTECHNICAL STANDARD DETAIL NO.1801.01 FOR STANDARD TEMPORARY SHORING.

SHORING LOCATION NO.3

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 -DET- 21+33'±,21 FT.LEFT,TO STATION -DET- 22+00'±,21 FT.LEFT,FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
 FRICTION ANGLE (φ) = 30 DEGREES
 COHESION (c) = 0 LB/SF
 GROUNDWATER ELEVATION = 8.0 FT ±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -DET- 21+33'±,21 FT.LEFT,TO STATION -DET- 22+00'±,21 FT.LEFT.

SHORING LOCATION NO.4

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 -DET- 21+33'±,21 FT.RIGHT,TO STATION -DET- 24+33'±,44 FT.RIGHT,FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

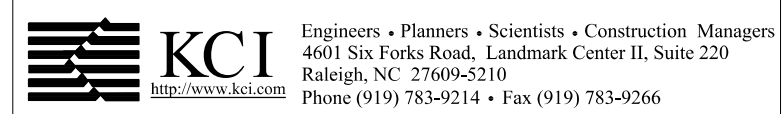
UNIT WEIGHT (γ) = 120 LB/CF
 FRICTION ANGLE (φ) = 30 DEGREES
 COHESION (c) = 0 LB/SF
 GROUNDWATER ELEVATION = 8.0 FT ±

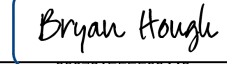
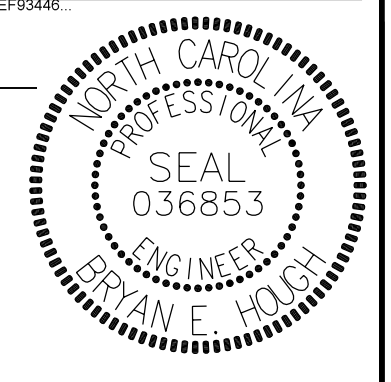
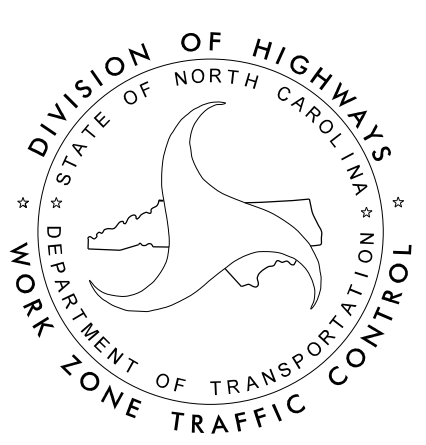
DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -DET- 21+33'±,21 FT.RIGHT,TO STATION -DET- 24+33'±,44 FT RIGHT.

AT THE CONTRACTOR'S OPTION AND WHEN APPLICABLE,USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION -DET- 21+33'±,21 FT.RIGHT,TO STATION -DET- 24+33'±,44 FT RIGHT.SEE GEOTECHNICAL STANDARD DETAIL NO.1801.01 FOR STANDARD TEMPORARY SHORING.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEER,THE DOCUMENT WAS SUBMITTED TO NCDOT STRUCTURES MANAGEMENT UNIT ON MARCH 10,2022 AND SEALED BY A PROFESSIONAL ENGINEER,JINYOUNG PARK,LICENSE # 032171.

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APPROVED:  DATE: 4/4/2022	SEAL 		<h2 style="margin: 0;">TEMPORARY SHORING NOTES</h2>
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