

TEMPORARY SHORING DATA

PROJ. REFERENCE NO.	SHEET NO.
A-0009CA	TMP-2A

Shoring Location DET S5:

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE STRUCTURE CONSTRUCTION FROM -DET S5- STATION 17+63 +/-, 21' RT TO -DET S5- STATION 18+20, 21' RT.

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 -DET S5- STATION 17+63 +/-, 21' RT TO -DET S5- STATION 18+20, 21' RT, 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 = 2073 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM -DET S5- STATION 17+63 +/-, 21' RT TO -DET S5- STATION 18+20, 21' RT MAY NOT PENETRATE BELOW ELEVATION 2072 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

IF GROUNDWATER OR THE FLOOD ELEVATION IS ABOVE THE REINFORCED ZONE, DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM -DET S5- STATION 17+63 +/-, 21' RT TO -DET S5- STATION 18+20, 21' RT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -DET S5- STATION 17+63 +/-, 21' RT TO -DET S5- STATION 18+20, 21' RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

Shoring Location DET S8:

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

TEMPORARY SHORING IS REQUIRED FOR THE STRUCTURE CONSTRUCTION FROM -DET S8- STATION 16+03 +/-, 21' LT TO -DET S8- STATION 17+10, 21' LT.

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 -DET S8- STATION 16+03 +/-, 21' LT TO -DET S8- STATION 17+10, 21' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:


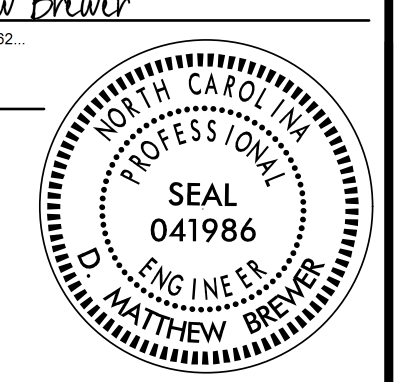

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 2190.5 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM -DET S8- STATION 16+03 +/-, 21' LT TO -DET S8- STATION 17+10, 21' LT MAY NOT PENETRATE BELOW ELEVATION 2181 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

IF GROUNDWATER OR THE FLOOD ELEVATION IS ABOVE THE REINFORCED ZONE, DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM -DET S8- STATION 16+03 +/-, 21' LT TO -DET S8- STATION 17+10, 21' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -DET S8- STATION 16+03 +/-, 21' LT TO -DET S8- STATION 17+10, 21' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

5/27/2022 10:00:09 AM User: jsmelvin \\TCF\A-0009CA\A-0009CA\A-0009CA_TC_TMP_02A\Temp Shoring Data.dgn

APPROVED:  <small>38812800A6C1482...</small> DATE: 5/31/2022			<h2 style="margin: 0;">TEMPORARY SHORING DATA</h2>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			