

TEMPORARY SHORING DATA

PROJ. REFERENCE NO. 17BP.14.R.204	SHEET NO. TMP-1C
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Shoring Location No.1:

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE END BENT CONSTRUCTION FROM STATION -L- STA. 23+79 +/-, 33' LT TO STATION -L- STA. 24+04+/-, 33' 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 STATION -L- STA. 23+79 +/-, 33' LT TO STATION -L- STA. 24+04+/-, 33' 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 = 2026 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L- STA. 23+79 +/-, 33' LT TO STATION -L- STA. 24+04+/-, 33' LT MAY NOT PENETRATE BELOW ELEVATION 2022 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- STA. 23+79 +/-, 33' LT TO STATION -L- STA. 24+04+/-, 33' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING STATION -L- STA. 23+79 +/-, 33' LT TO STATION -L- STA. 24+04+/-, 33' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

Shoring Location No.2:

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

TEMPORARY SHORING IS REQUIRED FOR THE BRIDGE END BENT CONSTRUCTION FROM STATION -L- STA. 25+71 +/-, 30' LT TO STATION -L- STA. 25+96+/-, 27' 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 STATION -L- STA. 25+71 +/-, 30' LT TO STATION -L- STA. 25+96+/-, 27' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

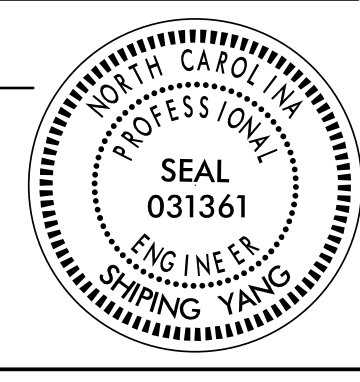

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 2024 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L- STA. 25+71 +/-, 30' LT TO STATION -L- STA. 25+96+/-, 27' LT MAY NOT PENETRATE BELOW ELEVATION 2022 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- STA. 25+71 +/-, 30' LT TO STATION -L- STA. 25+96+/-, 27' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING STATION -L- STA. 25+71 +/-, 30' LT TO STATION -L- STA. 25+96+/-, 27' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

10/20/2023 10:00:01 AM Division 14 - 2017\B5910 Jackson 490032\TrafficControl\TCP\490032_TC_TMP_Shoring_Data.dgn User:smelvin

APPROVED: <u>Shiping Yang</u> <small>7A7310E8F778411..</small> DATE: 10/25/2023 SEAL			<h2 style="margin: 0;">TEMPORARY SHORING DATA</h2>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			