

TEMPORARY SHORING DATA

NOTES FOR TEMPORARY SHORING No. 1

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

DESIGN TEMPORARY SHORING FROM STATION 51+31± -Y16REV-, 13.0 FT RT. TO STATION 52+15± -Y16REV-, 13.0 FT RT. FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ABOVE WATER TABLE (γ) = 120 LB/CF
- UNIT WEIGHT BELOW WATER TABLE (γ) = 60 LB/CF
- FRICTION ANGLE (ϕ) = 32 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 205 FT.±

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

AT THE CONTRACTOR'S OPTION, USE A STANDARD SHORING FOR TEMPORARY SHORING FROM STATION 51+31± -Y16REV-, 13.0 FT RT. TO STATION 52+15± -Y16REV-, 13.0 FT RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 51+31± -Y16REV-, 13.0 FT RT. TO STATION 52+15± -Y16REV-, 13.0 FT RT.

NOTES FOR TEMPORARY SHORING No. 2

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

DESIGN TEMPORARY SHORING FROM STATION 51+31± -Y16REV-, 16.5 FT RT. TO STATION 52+15± -Y16REV-, 16.5 FT RT. FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT ABOVE WATER TABLE (γ) = 120 LB/CF
- UNIT WEIGHT BELOW WATER TABLE (γ) = 60 LB/CF
- FRICTION ANGLE (ϕ) = 32 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 205 FT.±

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION 51+31± -Y16REV-, 16.5 FT RT. TO STATION 52+15± -Y16REV-, 16.5 FT RT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH SEALED DOCUMENTS FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS DATED AND SEALED ON 01/04/2022 BY A PROFESSIONAL ENGINEER, JAMES R. BATTS, JR., LICENSE # 018899.

PLOT DRIVER: NCDOT_pdf_mono_eng-50.plt
 USER: MRZEPKA
 FILE: pwa\pwhdr\useas01\HDR-US-East-01\Documents\3322\10000297\10049996\6_0_CAD_BIM\6.2_Work\In-Progress\U-2519BB\Traffic\TrafficControl\TCP\U2519bb-1tmp_psh_02g_TSD.dgn
 PENTABLE: NCDOT_tcp.tbl
 TIME: 4:14:32 PM
 DATE: 2/9/2022

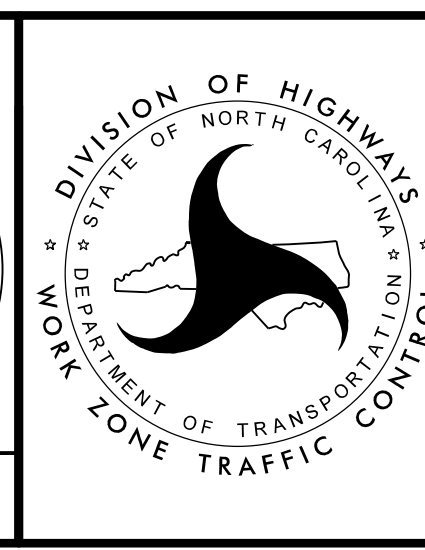
REVISIONS

APPROVED: Michael T. Rzepka
DocuSigned by: Michael T. Rzepka 01BC348DC26649D

DATE: 2/14/2022

SEAL

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



**TEMPORARY SHORING
RECOMMENDATIONS**

