

Shoring Location Nos. ① and ②

TEMPORARY SHORING FROM STATION 16+21 -DET-, 25.2' LT TO STATION 16+66 -DET-, 21.6' LT AND FROM STATION 17+93 -DET-, 21.6' LT TO STATION 18+51 -DET-, 24.8' LT, MAYBE BE REQUIRED FOR THE CONSTRUCTION OF THE DETOUR ALIGNMENT AND NEW ALIGNMENT.

AT THE CONTRACTORS OPTION, A TEMPORARY 1.5:1 (H:V) SLOPE CAN BE USED INSTEAD OF TEMPORARY SHORING.

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 16+21 -DET-, 25.2' LT TO STATION 16+66 -DET-, 21.6' LT AND FROM STATION 17+93 -DET-, 21.6' LT TO STATION 18+51 -DET-, 24.8' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 PCF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 PSF
- GROUNDWATER ELEVATION = 227 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 16+21 -DET-, 25.2' LT TO STATION 16+66 -DET-, 21.6' LT AND FROM STATION 17+93 -DET-, 21.6' LT TO STATION 18+51 -DET-, 24.8' LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE STANDARD SHORING FOR TEMPORARY SHORING FROM STATION 16+21 -DET-, 25.2' LT TO STATION 16+66 -DET-, 21.6' LT AND FROM STATION 17+93 -DET-, 21.6' LT TO STATION 18+51 -DET-, 24.8' LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING AND DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

5/8/2024
\\wei-fs01\projects\2020\20130101\BR-0062\Traffic Design\Pre-Let\Plan\WZTC\BR-0062_TMP_02A_TSD.dgn
User: AHayes



TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED: *Greg S. Purvis*
DATE: 5/8/2024

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



TEMPORARY SHORING DATA