

# SHORING DATA

## 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 -L-21+45±, 40.0 FT LT, TO STATION -L- 22+39±, 40.0 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT ( $\gamma$ ) = 115 PCF  
 FRICTION ANGLE ( $\phi$ .) = 30 DEGREES  
 COHESION (c) = 0 PSF  
 GROUNDWATER ELEVATION = 159.0 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 21+45±, 40.0 FT LT, TO STATION -L- 22+39±, 40.0 FT LT. IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 21+45±, 40.0 FT LT, TO STATION -L- 22+39±, 40.0 FT LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

## 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 -L- 23+55±, 40.0 FT LT, TO STATION -L- 24+87±, 40.0 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT ( $\gamma$ ) = 115 PCF  
 FRICTION ANGLE ( $\phi$ .) = 30 DEGREES  
 COHESION (c) = 0 PSF  
 GROUNDWATER ELEVATION = 159.0 FT±

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 23+55±, 40.0 FT LT, TO STATION -L- 24+87±, 40.0 FT LT. IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 23+55±, 40.0 FT LT, TO STATION -L- 24+87±, 40.0 FT LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS SUBMITTED TO THE WZTCU ON (3/28/2023) AND SEALED BY A PROFESSIONAL ENGINEER, JINYOUNG PARK, LICENSE # 032171.

5/9/2023  
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 User:rbhoward

APPROVED:  DATE: 05/09/2023 SEAL 		<h2>SHORING DATA</h2>
<b>DOCUMENT NOT CONSIDERED FINAL                  UNLESS ALL SIGNATURES COMPLETED</b>		