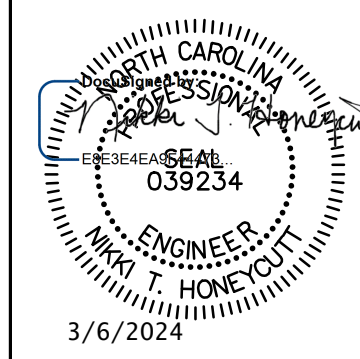


PROJECT REFERENCE NO. Y-4807B	SHEET NO. 2B-4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

SHORING ID No.	BEGIN STATION & REFERENCE LINE	OFFSET (LT/RT)	END STATION & REFERENCE LINE	OFFSET (LT/RT)	ESTIMATED AVERAGE HEIGHT (FT)	ESTIMATED MAXIMUM HEIGHT (FT)	SHORING TYPE
1	-Y1- STA 16+35 ±	46.52' LT	-Y1- STA 16+36 ±	67.32' LT	10.7	10.7	STRUCTURE (DRAINAGE STRUCTURE #418)

TEMPORARY SHORING No. 1

FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

DESIGN TEMPORARY SHORING FROM -Y1- STA 16+35 ±, 46.52 FT. LT. TO -Y1- STA 16+36 ±, 67.32 FT. LT., AS SHOWN ON PLAN SHEET 4 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT OF SOIL ABOVE WATER TABLE, (γ)= 120 PCF
- UNIT WEIGHT OF SOIL BELOW WATER TABLE, (γ')= 60 PCF
- FRICTION ANGLE (ϕ)= 30 DEGREES
- COHESION (c) = 0 PSF
- GROUNDWATER ELEVATION = NOT ENCOUNTERED IN CURRENT BORINGS

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF THE TEMPORARY SHORING FROM -Y1- STA 16+35 ±, 46.52 FT. LT. TO -Y1- STA 16+36 ±, 67.32 FT. LT., THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE SITE CONDITIONS ENCOUNTERED DURING