

Table 1: Temporary Shoring Locations

Shoring Location No.	Begin Station & Offset	End Station & Offset	Estimated Average Height (ft)	Estimated Maximum Height (ft)	Shoring Location, Type, Traffic Control Plan
1	-L- STA 137+75± 4.0 ft LT	-L- STA 139+81± 4.0 ft LT	9.7	12.0	Roadway Embankment and Bridge End Bent Construction (Fill, TC Phase I Step 1, TMP-14 to TMP-15)
2	-L- STA 141+08± 4.0 ft LT	-L- STA 142+76± 4.0 ft LT	8.2	9.9	Roadway Embankment and Bridge End Bent Construction (Fill, TC Phase I Step 1, TMP-15)

The following notes on plans are recommended for the proposed shoring locations:

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- 137+75±, 4.0 FT LT TO STATION -L- 139+81±, 4.0 FT 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: VARIES, USE ELEVATION \pm 840 FT

AT THE CONTRACTOR'S OPTION, USE STANDARD SHORING FOR TEMPORARY SHORING FROM STATION FROM STATION -L- 137+75±, 4.0 FT LT TO STATION -L- 139+81±, 4.0 FT LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 137+75±, 4.0 FT LT TO STATION -L- 139+81±, 4.0 FT LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- 137+75±, 4.0 FT LT TO STATION -L- 139+81±, 4.0 FT LT, MAY NOT PENETRATE BELOW ELEVATION 868 FT DUE TO WEATHERED OR HARD ROCK.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

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- 141+08±, 4.0 FT LT TO STATION -L- 142+76±, 4.0 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:


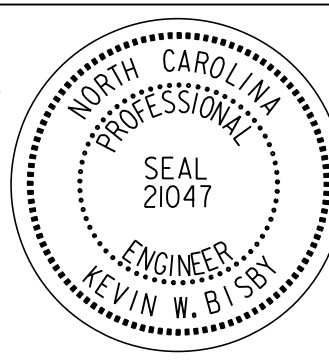

- UNIT WEIGHT (γ): 120 PCF
- FRICTION ANGLE (ϕ): 30 DEGREES
- COHESION (c): 0 PSF
- GROUNDWATER ELEVATION: VARIES, USE ELEVATION \pm 840 FT

AT THE CONTRACTOR'S OPTION, USE STANDARD SHORING FOR TEMPORARY SHORING FROM STATION FROM STATION -L- 141+08±, 4.0 FT LT TO STATION -L- 142+76±, 4.0 FT LT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 141+08±, 4.0 FT LT TO STATION -L- 142+76±, 4.0 FT LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION. THE SUBSURFACE INFORMATION THAT IS AVAILABLE CAN BE FOUND IN THE ROADWAY SUBSURFACE INVENTORY REPORT.

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- 141+08±, 4.0 FT LT TO STATION -L- 142+76±, 4.0 FT LT, MAY NOT PENETRATE BELOW ELEVATION 862 FT DUE TO WEATHERED OR HARD ROCK.

WHEN BACKFILL FOR BRIDGE APPROACH FILLS OVERLAPS WITH THE REINFORCED ZONE OF TEMPORARY WALLS, USE SHORING BACKFILL OR BACKFILL MATERIAL REQUIRED FOR BRIDGE APPROACH FILLS, WHICHEVER IS BETTER, IN THE REINFORCED ZONE OF TEMPORARY WALLS.

APPROVED:  DATE: 3/7/2024 SEAL			TEMPORARY SHORING INFORMATION
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			