PROJ. REFERENCE NO.	SHEET NO.
I-5972	TMP-2AA

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SHORING LOCATION NO. 4:

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 -Y1- STA 37+92±, 3.5 FT RT TO STATION -Y1- STA 38+23±, 3.5 FT RT, 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, ASSUMED ELEVATION ±145.0 FT.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR THE TEMPORARY SHORING FROM STATION -Y1- STA 37+92±, 3.5 FT RT TO STATION -Y1- STA 38+23±, 3.5 FT RT. SEE STANDARD DRAWING NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -Y1- STA 37+92±, 3.5 FT RT TO STATION -Y1- STA 38+23±, 3.5 FT RT. 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.

DO NOT USE CANTILEVER, BRACED OR ANCHORED SHORING FOR TEMPORARY SHORING FROM STATION -Y1- STA 37+92±, 3.5 FT RT TO STATION -Y1- STA 38+23±, 3.5 FT RT.

SHORING LOCATION NO. 5:

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- STA 56+02±, 13.7 FT LT TO STATION -L- STA 56+77±, 14.6 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, ASSUMED ELEVATION RANGE BETWEEN ±145.0 - ±146.7 FT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR THE TEMPORARY SHORING FROM STATION -L- STA 56+02±, 13.7 FT LT TO STATION -L- STA 56+77±, 14.6 FT LT. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION - L- STA 56+02±, 13.7 FT LT TO STATION -L- STA 56+77±, 14.6 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.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION - L- STA 56+02±, 13.7 FT LT TO STATION -L- STA 56+77±, 14.6 FT LT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION - L- STA 56+02±, 13.7 FT LT TO STATION-L- STA 56+77±, 14.6 FT LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

SHORING LOCATION NO. 6:

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- STA 56+02±, 9.3 FT RT TO STATION -L- STA 56+77±, 8.3 FT RT, 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, ASSUMED ELEVATION RANGE BETWEEN ±145.0 - ±146.7 FT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR THE TEMPORARY SHORING FROM STATION -L- STA 56+02±, 9.3 FT RT TO STATION -L- STA 56+77±, 8.3 FT RT. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- STA 56+02±, 9.3 FT RT TO STATION - L- STA 56+77±, 8.3 FT RT. 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.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- STA 56+02±, 9.3 FT RT TO STATION -L- STA 56+77±, 8.3 FT RT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- STA 56+02±, 9.3 FT RT TO STATION - L- STA 56+77±, 8.3 FT RT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

APPROVED: DocuSigned by: Kevin Bisby B2D8E02628912474...
DATE: 9/19/2023
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 21047 ENGINEER KEVIN W. BISBY

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS · STATE OF NORTH CAROLINA · DEPARTMENT OF TRANSPORTATION · WORK ZONE TRAFFIC CONTROL

TEMPORARY SHORING DATA

9/19/2023
I5972_TMP_PSH02AA.dgn
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