PROJ. REFERENCE NO.	SHEET NO.
B-4803	TMP-2A

TEMPORARY SHORING DATA

TEMPORARY SHORING NO.1 (SEE TMP-3)

FOR TEMPORARY SHORING, AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

DESIGN TEMPORARY SHORING FROM STATION 14+84 -L- STATION 15+17 -L-, 26 FT RT. FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUND WATER ELEVATION:

UNIT WEIGHT (γ)= 120 LB/CF
FRICTION ANGLE (ϕ)= 30 DEGREES
COHENSION (c)= 0 LB/SF
GROUNDWATER ELEVATION= 533 FT

BEFORE BEGINNING 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 STATION 14+84 -L- STATION 15+17 -L-, 26 FT RT. THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DO NOT USE A TEMPORARY WALL FOR THE TEMPORARY SHORING FROM STATION 14+84 -L- STATION 15+17 -L-, 26 FT RT.

AT THE CONTRACTORS OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM 14+84 -L- STATION 15+17 -L-, 26 FT RT. SEE STANDARD DRAWING 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING NO.2 (SEE TMP-3)

FOR TEMPORARY SHORING, AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

DESIGN TEMPORARY SHORING FROM STATION 16+87 -L- STATION 17+32 -L-, 26 FT RT. FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUND WATER ELEVATION:

UNIT WEIGHT (γ)= 120 LB/CF
FRICTION ANGLE (ϕ)= 30 DEGREES
COHENSION (c)= 0 LB/SF
GROUNDWATER ELEVATION= 540 FT

BEFORE BEGINNING 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 STATION 16+87 -L- STATION 17+32 -L-, 26 FT RT. THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DO NOT USE A TEMPORARY WALL FOR THE TEMPORARY SHORING FROM STATION 16+87 -L- STATION 17+32 -L-, 26 FT RT.

AT THE CONTRACTORS OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM 16+87 -L- STATION 17+32 -L-, 26 FT RT. SEE STANDARD DRAWING 1801.01 FOR STANDARD TEMPORARY SHORING.

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 WZTC SECTION ON MAY 6, 2014 AND SEALED BY A PROFESSIONAL ENGINEER, DAVID L. TEAGUE, PE, LICENSE NUMBER 027869.

APPROVED DocuSigned by: David Bissette DATE: 9/30/2014

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 30864 ENGINEER DAVID W. BISSETTE

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

TEMPORARY SHORING DATA

9/29/2014
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User:derichardson