## TEMPORARY SHORING NO. $\langle 11 \rangle$

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- 374+82+/-, 0.0 FT (LT/RT), TO STATION -L- 375+22+/-, 17.7 FT (RT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT  $(\gamma) = 120 \text{ LB/CF}$ FRICTION ANGLE  $(\phi) = 30 \text{ DEGREES}$ COHESION (c) = 0 LB/SFGROUNDWATER ELEVATION = 2945 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L-374+82+/-, 0.0 FT (LT/RT), TO STATION -L- 375+22+/-, 17.7 FT (RT). THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION -L-374+82+/-, 0.0 FT (LT/RT), TO STATION -L- 375+22+/-, 17.7 FT (RT) WILL NOT PENETRATE BELOW ELEVATION 2950 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

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## SHORING NOTES

## **TEMPORARY SHORING NO.**

FOR TEMPORARY SHORING AND POSIT TEMPORARY SHORING, SEE PLANS AN PROVISION.

BEFORE BEGINNING TEMPORARY SHOR CONSTRUCTION, SURVEY EXISTING G VICINITY OF SHORING LOCATIONS T SHORING HEIGHTS.

DESIGN TEMPORARY SHORING FROM S (LT), TO STATION -L- 375+28+/-, FOLLOWING ASSUMED SOIL PARAMETE UNIT WEIGHT<sub>G</sub>() = 120 LB/C FRICTION ANGLE<sub>V</sub>() = 30 DE COHESION (c) = 0 LB/SF GROUNDWATER ELEVATION = 294

LIMITED SUBSURFACE INFORMATION OF TEMPORARY SHORING FROM STATI TO STATION -L- 375+28+/-, 83.4 PROVIDED FOR TEMPORARY SHORING MAY NOT BE APPLICABLE TO THE AC ENCOUNTERED DURING CONSTRUCTION

DRIVEN PILING FOR TEMPORARY SHO 374+02+/-, 6.5 FT (LT), TO STAT WILL NOT PENETRATE BELOW ELEVAT OBSTRUCTIONS, VERY DENSE OR HAR WEATHERED OR HARD ROCK.

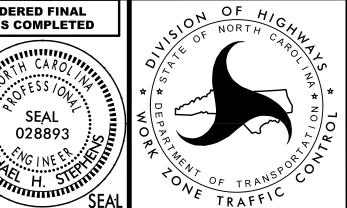
AT CONTRACTORS OPTION TEMPORARY -L- 374+02+/-, 6.5 FT (LT), TO MAYBE BE CONSTRUCTED DURING PHA DURING PHASE III.

IF TEMPORARY SHORING FROM STATI TO STATION -L- 375+28+/-, 83.4 PHASE I, THEN AT THE CONTRACTOR TEMPORARY WALL. SEE STANDARD D STANDARD TEMPORARY WALLS.

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DOCUMENT NOT CONSID UNLESS ALL SIGNATURES			
APPROVED: Michael N. Stephens C447682092314CC DATE: 8/18/2016			

HNTB NORTH CAROLINA, P.C. 343 E. Six Forks Road, Suite 200 Raleigh, North Carolina 27609 NC License No: C-1554

	PROJ. REFERENCE NO.	SHEET NO.	
	R-2915C	TMP-2I	
<b>(12)</b>			
TIVE PROTECTION FOR ND TEMPORARY SHORING			
RING DESIGN OR GROUND ELEVATIONS IN THE TO DETERMINE ACTUAL			
STATION -L- 374+02+/-, 6.5 FT , 83.4 FT (RT), FOR THE ERS AND GROUNDWATER ELEVATION: CF EGREES			
45 FT			
IS AVAILABLE IN THE VICINITY ION -L- 374+02+/-, 6.5 FT (LT), FT (RT). THE INFORMATION DESIGN WAS ASSUMED AND CTUAL SITE CONDITIONS			
ORING FROM STATION -L- TION -L- 375+28+/-, 83.4 FT (RT) TION 2950 FT DUE TO RD SOIL, BOULDERS OR			
Y SHORING FROM STATION STATION -L- 375+28+/-, 83.4 FT ( ASE I, BURIED, AND UNBURRIED	RT)		
ION -L- 374+02+/-, 6.5 FT (LT), FT (RT) IS CONTRUCTED DURING R*S OPTION, USE A STANDARD DETAIL NO. 1801.02 FOR			



TRANSPORTATION MANAGEMENT PLAN

TEMPORARY SHORING NOTES