

TEMPORARY SHORING DATA

TEMPORARY SHORING LOCATION NO. 1

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

DESIGN TEMPORARY SHORING FROM STATION 17+74.5± -L- TO 17+90.0± -L-, 20.5 FT. TO 25.5 FT. LT OF -L- FOR THE FOLLOWING ASSUMED SOIL PARAMETERS:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
 FRICTION ANGLE, $\phi = 30$
 COHESION, $c = 0$ PSF
 GROUNDWATER ELEVATION = 668 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 17+74.5± -L- TO 17+90.0± -L-, 20.5 FT. TO 25.5 FT. LT OF -L- THE INFORMATION PROVIDED FOR DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION 17+74.5± -L- TO 17+90.0± -L-, 20.5 FT. TO 25.5 FT. LT OF -L-. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 17+74.5± -L- TO 17+90.0± -L-, 20.5 FT. TO 25.5 FT. LT OF -L- MAY NOT PENETRATE BELOW ELEVATION 664 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS, OR WEATHERED OR HARD ROCK.

TEMPORARY SHORING DESIGN RECOMMENDATIONS

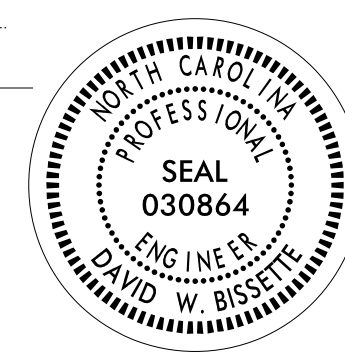
THE FOLLOWING ESTIMATED AVERAGE SHORING HEIGHTS MAY BE USED FOR QUANTITY CALCULATION PURPOSES.

SHORING ID NO.	ESTIMATED AVERAGE HEIGHT (FT.)
No. S1	4.0

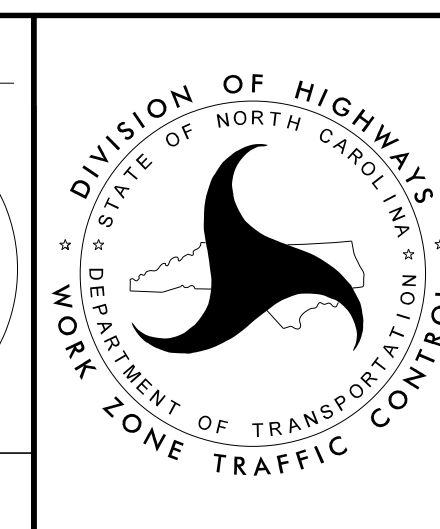
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DATE: 2/8/2016



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