TEMPORARY SHORING NO. 1
FOR TEMPORARY SHORING AND POSITIVE PROTE SHORING, SEE PLANS AND TEMPORARY SHORING
DESIGN TEMPORARY SHORING FROM STATION 18 STATION 19+12 +/L-, 30 LT., FOR THE FOLLOWIN PARAMETERS AND GROUNDWATER ELEVATION:
UNIT WEIGHT OF SOIL ABOVE WATER TABI UNIT WEIGHT OF SOIL BELOW WATER TABI FRICTION ANGLE, $\varphi f= 30$
COHESION, c = 0 PSF GROUNDWATER ELEVATION = 425 FT
BEFORE BEGINNING TEMPORARY SHORING DESIGNURVEY EXISTING GROUND ELEVATIONS IN THE LOCATIONS TO DETERMINE ACTUAL SHORING H
LIMITED SUBSURFACE INFORMATION IS AVAILAT TEMPORARY SHORING FROM STATION 18+84 +/ 19+12 +/L-, 30 LT. THE INFORMATION PROVIDED DESIGN WAS ASSUMED AND MAY NOT BE APPLIC CONDITIONS ENCOUNTERED DURING CONSTRUCT
AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FROM STATION. SEE GEOT DETAIL 1801.01 FOR STANDARD TEMPORARY SHO
DRIVEN PILING FOR TEMPORARY SHORING FROM LT. TO STATION 19+12 +/L-, 30 LT. MAY NOT PEN 418 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR WEATHERED OR HARD ROCK.

SHORING NOTES

ECTION FOR TEMPORARY G PROVISION.

8+84 +/- -L-, 30 FT. LT. TO NG ASSUMED SOIL

LE, $\gamma = 120 \text{ PCF}$ SLE, $\gamma' = 60$ PCF

GN OR CONSTRUCTION, **EVICINITY OF SHORING** IEIGHTS.

ABLE IN THE VICINITY OF -L-, 30 FT. LT. TO STATION D FOR TEMPORARY SHORING CABLE TO THE ACTUAL SITE CTION.

TEMPORARY SHORING FOR TECHNICAL STANDARD ORING.

M STATION 18+84 +/- -L-, 30 FT. NETRATE BELOW ELEVATION HARD SOIL, BOULDERS OR

TEMPORARY SHORING NO. 2

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

DESIGN TEMPORARY SHORING FROM STATION 21+43 +/- -L-, 30 FT. LT. TO STATION 21+70 +/- -L-, 30 LT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, γ .= 120 PCF UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60 \text{ PCF}$ FRICTION ANGLE, $\phi f= 30$ COHESION, c = 0 PSF **GROUNDWATER ELEVATION = 408 FT**

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

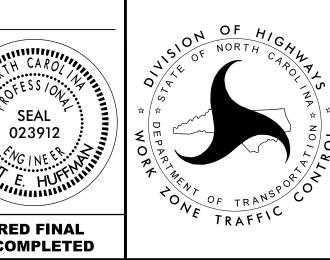
LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 21+43 +/- -L-, 30 FT. LT. TO STATION 21+70 +/- -L-, 30 LT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STATION. SEE GEOTECHNICAL STANDARD DETAIL 1801.01 FOR STANDARD TEMPORARY SHORING.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 21+43 +/- -L-, 30 FT. LT. TO STATION 21+70 +/- -L-, 30 LT. MAY NOT PENETRATE BELOW ELEVATION 383 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

	APPROVED:	Trent Huffman
	2/5/202 DATE:	
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PROJ. REFERENCE NO.	SHEET NO.
BR-0069	TMP-2A



TEMPORARY SHORING NOTES