

SHORING LOCATION NO.1A

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

TEMPORARY SHORING IS REQUIRED FOR THE UTILITY INSTALLATION FROM STATION -L- 113+92±, 103.5 FT. LEFT, TO STATION -L- 114+80±, 93.0 FT.LEFT.

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- 113+92±, 103.5 FT. LEFT, TO STATION -L- 114+80±, 93.0 FT. LEFT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 110 LB/CF FRICTION ANGLE $(\Phi) = 28$ DEGREES COHESION (c) = O LB/SFGROUNDWATER ELEVATION = 157.0 FT. ±

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION -L- 113+92±, 103.5 FT. LEFT, TO STATION -L- 114+80±, 93.0 FT.LEFT. 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- 113+92±, 103.5 FT. LEFT, TO STATION -L- 114+80±, 93.0 FT. LEFT MAY NOT PENETRATE BELOW ELEVATION 149 FT. DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STATION -L- 113+92±, 103.5 FT. LEFT, TO STATION -L- 114+80±, 93.0 FT.LEFT.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STATION -L- 113+92±, 103.5 FT. LEFT, TO STATION -L- 114+80±, 93.0 FT. LEFT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

SHORING NOTE 5

FOR LIMITS OF TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE TRAFFIC CONTROL PLANS.FOR PAY ITEM FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, SEE ROADWAY PLANS.

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						Tri-Cities, 423·467·84	TN IOI
			Vaughn	& Melíon		Knoxville, T 865 • 546 • 58	'N 300
OUNDATION CONDITIONING OVAL BY ENGINEER.			Consulting	Engineers		Spartanbu 864 • 574 • 47	rg,SC 75
			Ash ■ North	eville, Carolina		Charlestor 843 • 974 • 56	1, SC 550
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JLIC DATA		PROJECT NO. <u>R-3825B</u>					
= 37	CFS	L. L	JOHNST	ON		COI	INTY
DISCHARGE = 50 EVATION = 166.6	YRS FT						
= 0.33	SQ MI	STATION: <u>114+23.00</u> -L-					
= 39 ATTON = 166.67	CFS FT	SHEET 1 OF 7					
PING DATA	STATE OF NORTH CAROLINA						
- 129 (+) CES		RALEIGH					
PING = 500 (+)	YRS	84" OD WELDED STEEL					
DN = 170.9	FT	PTPF W/ RTSFR STRUCTURF					
				TO NEUC			
DOCLIMENT NOT CONS	UN UT TU NEUSE KIVEK INDER NC 12 RETWEEN						
FINAL UNLESS A	SR 1704 AND SR 2677						
SIGNATURES COMPI			517 110			011	
SG.ENG.OF RECORD.: CB		REVIS	EONS			SHEET NO.	
NN.BY: MAF)ATE: 3/18	NO. BY:	DATE:	NO. BY: 옷	DA	TE:	TOTAL
HKD.BY: HLW [DATE: 3/18	<u> </u>		<u>ต</u>			SHEETS 7