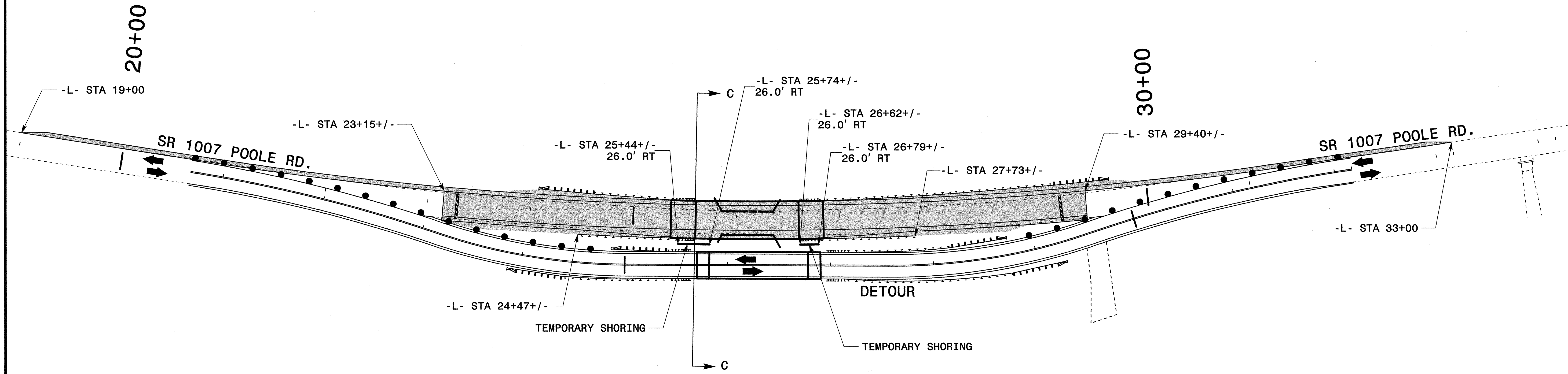
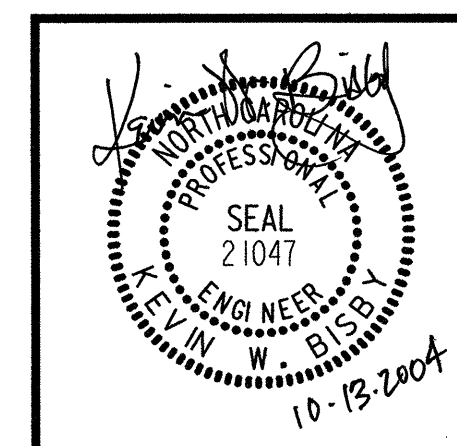
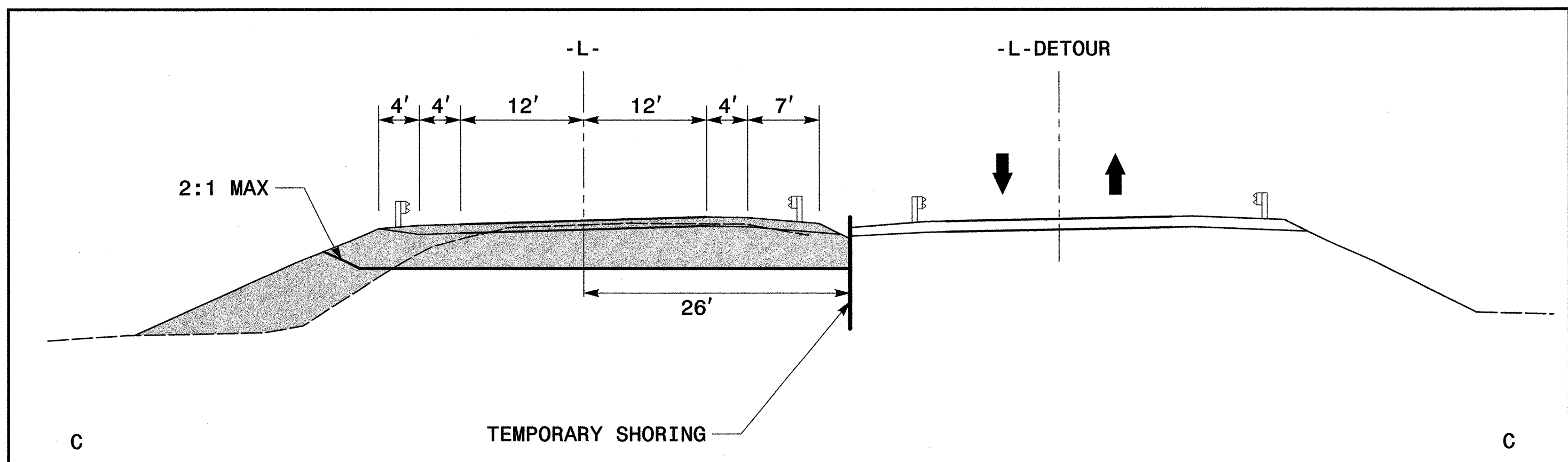


FOR DESIGN OF TEMPORARY SHORING, USE THE FOLLOWING SOIL PARAMETERS:  
 - FRICTION ANGLE,  $\phi = 30^\circ$   
 - COHESION,  $C = 0$  psf  
 - UNIT WEIGHT OF SOIL ABOVE THE WATER TABLE,  $\gamma = 120$  pcf  
 - UNIT WEIGHT OF SOIL BELOW THE WATER TABLE,  $\gamma = 60$  pcf  
 TOTAL EXPOSED SHORING = 245 sf

Shoring embedment may be difficult to obtain due to the presence of crystalline rock at shallow depths. See subsurface information for additional details.



Standard shoring is allowed. If standard shoring is chosen, the contractor shall use soldier piles set in drilled holes with a shortened length equal to 75% of the embedment depths shown in the table, Standard Temporary Shoring Detail. For drilling requirements, see Temporary Shoring for Maintenance of Traffic Special Provision.



<b>PHASE II - STEP 1</b>	
SCALE: NONE	REVISIONS
DATE: June 2004	
DWG. BY: FDV	
DESIGN BY: KWB	
REVIEWED BY:	

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