

***** SOIL PARAMETERS FOR TEMPORARY SHORING *****

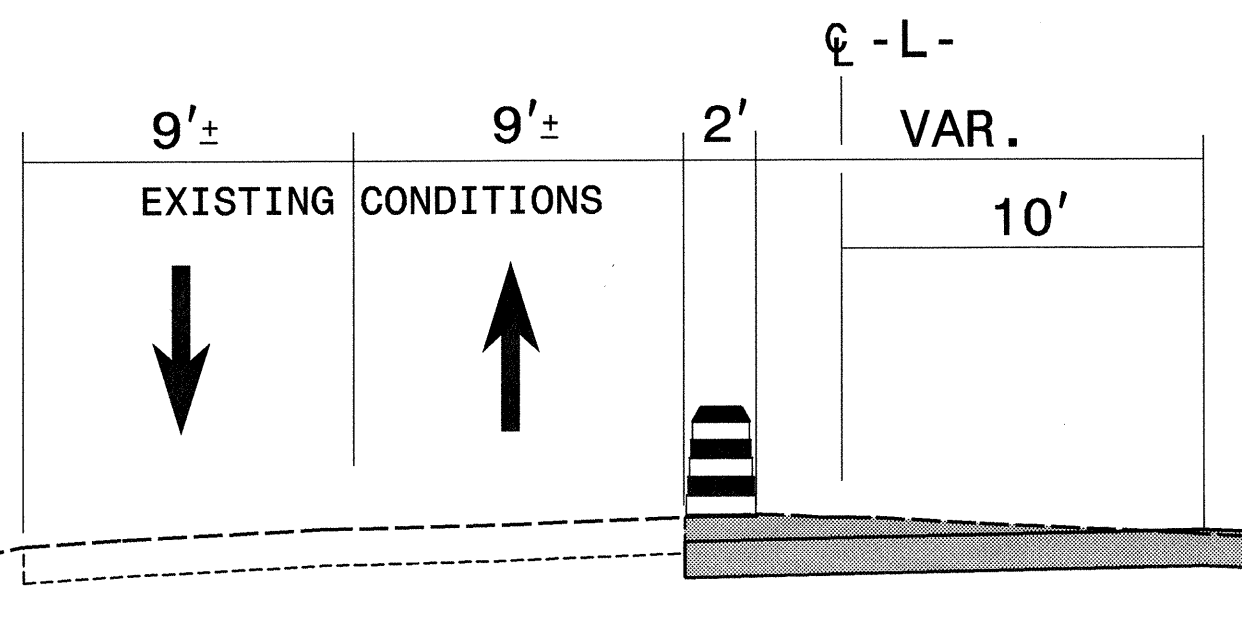
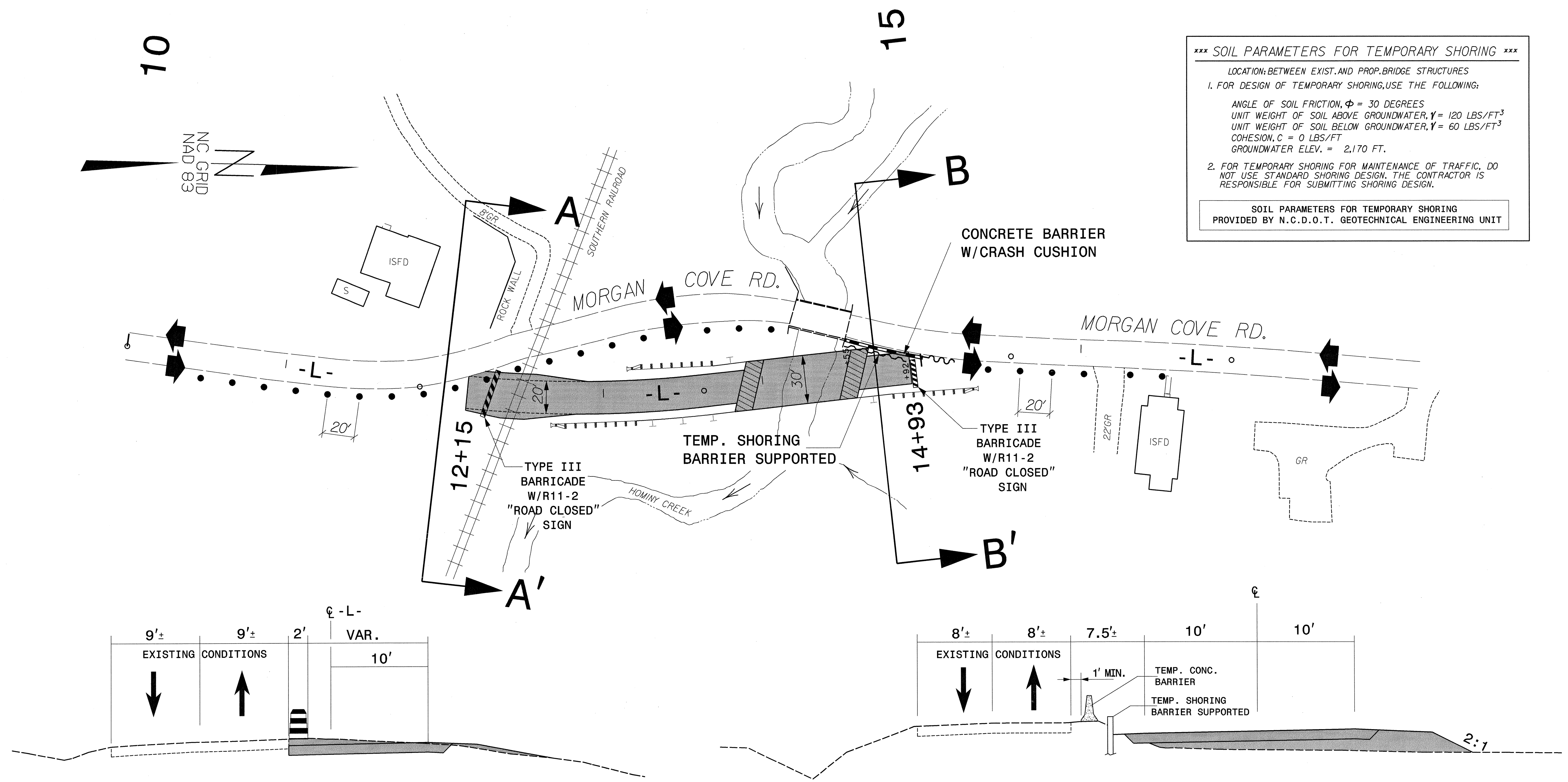
LOCATION: BETWEEN EXIST. AND PROP. BRIDGE STRUCTURES

1. FOR DESIGN OF TEMPORARY SHORING, USE THE FOLLOWING:

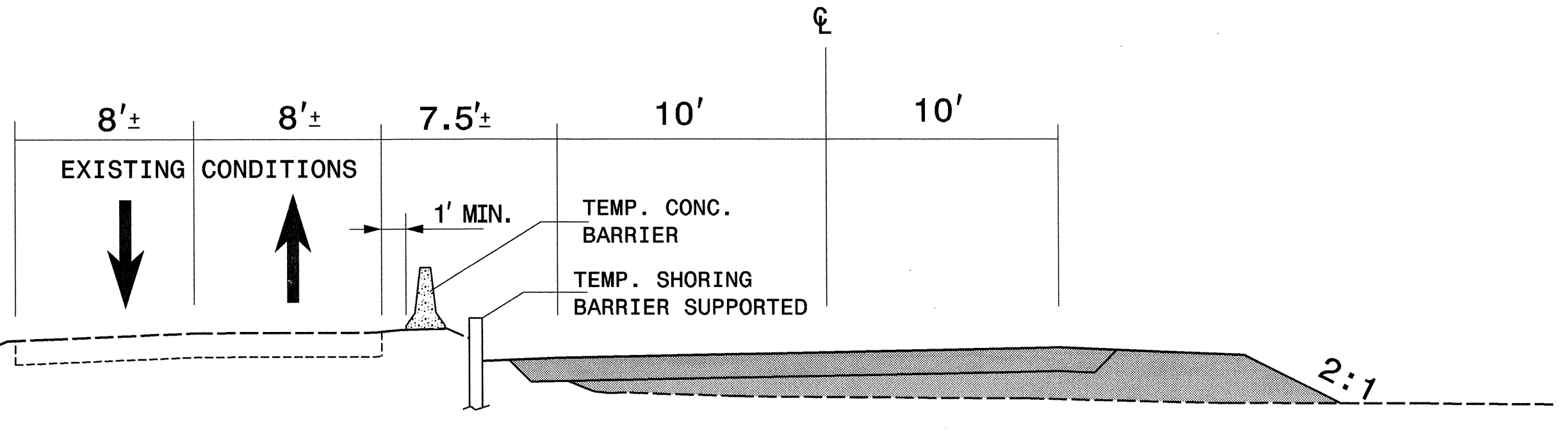
ANGLE OF SOIL FRICTION, $\phi = 30$ DEGREES
 UNIT WEIGHT OF SOIL ABOVE GROUNDWATER, $\gamma = 120$ LBS/FT³
 UNIT WEIGHT OF SOIL BELOW GROUNDWATER, $\gamma = 60$ LBS/FT³
 COHESION, $c = 0$ LBS/FT
 GROUNDWATER ELEV. = 2,170 FT.

2. FOR TEMPORARY SHORING FOR MAINTENANCE OF TRAFFIC, DO NOT USE STANDARD SHORING DESIGN. THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHORING DESIGN.

SOIL PARAMETERS FOR TEMPORARY SHORING
 PROVIDED BY N.C.D.O.T. GEOTECHNICAL ENGINEERING UNIT

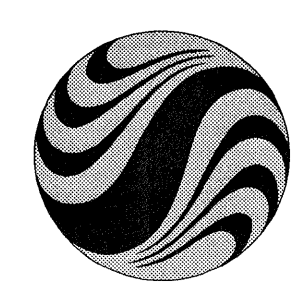



CUT SECTION A-A'
 STA. 12+00± -L-

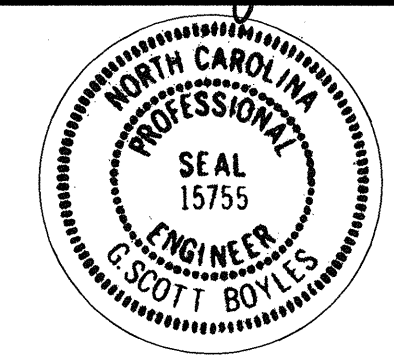


CUT SECTION B-B'
 STA. 14+70± -L-

03/10/2004 05:03:29 PM J:\Traffic Control\B3614 TCP details.dgn


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APPROVED:  DATE: 3/11/04



PHASE I DETAIL		<table border="1"> <tr> <td>SCALE: NONE</td> <td>REVISIONS</td> </tr> <tr> <td>DATE: MAR 2004</td> <td></td> </tr> <tr> <td>DESIGN BY: BRP</td> <td></td> </tr> <tr> <td>DESIGN BY: KJV</td> <td></td> </tr> <tr> <td>REVIEWED BY: GSB</td> <td></td> </tr> </table>	SCALE: NONE	REVISIONS	DATE: MAR 2004		DESIGN BY: BRP		DESIGN BY: KJV		REVIEWED BY: GSB	
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