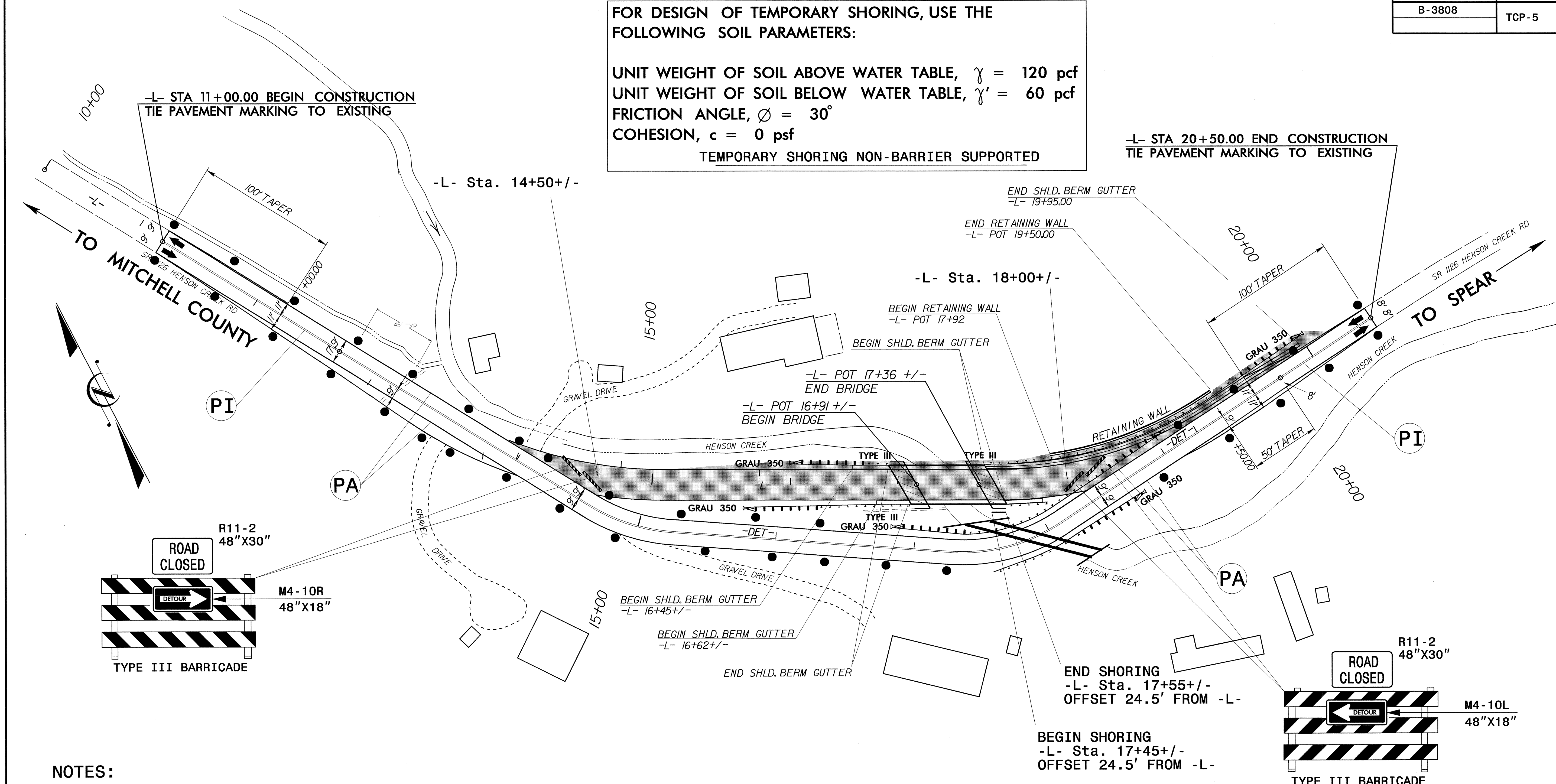


FOR DESIGN OF TEMPORARY SHORING, USE THE FOLLOWING SOIL PARAMETERS:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ pcf
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ pcf
 FRICTION ANGLE, $\phi = 30^\circ$
 COHESION, $c = 0$ psf

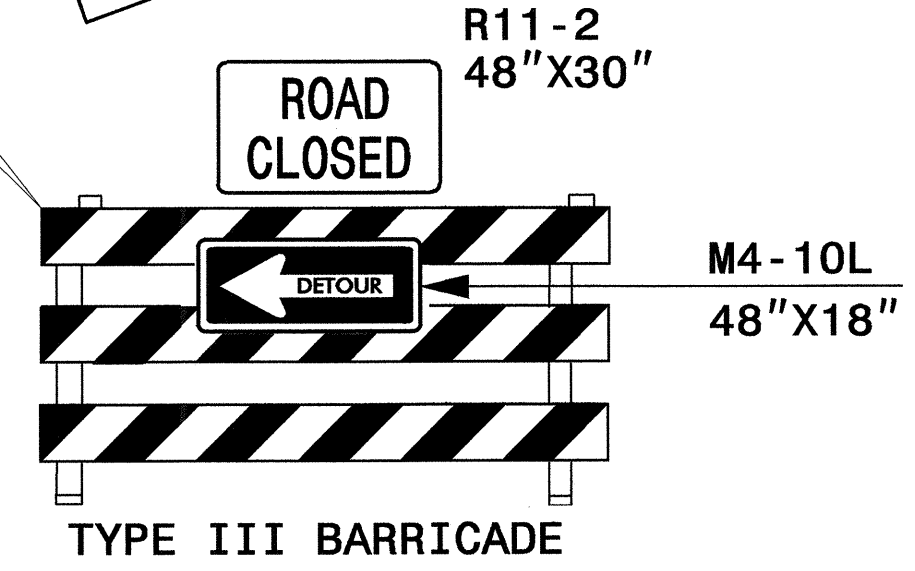
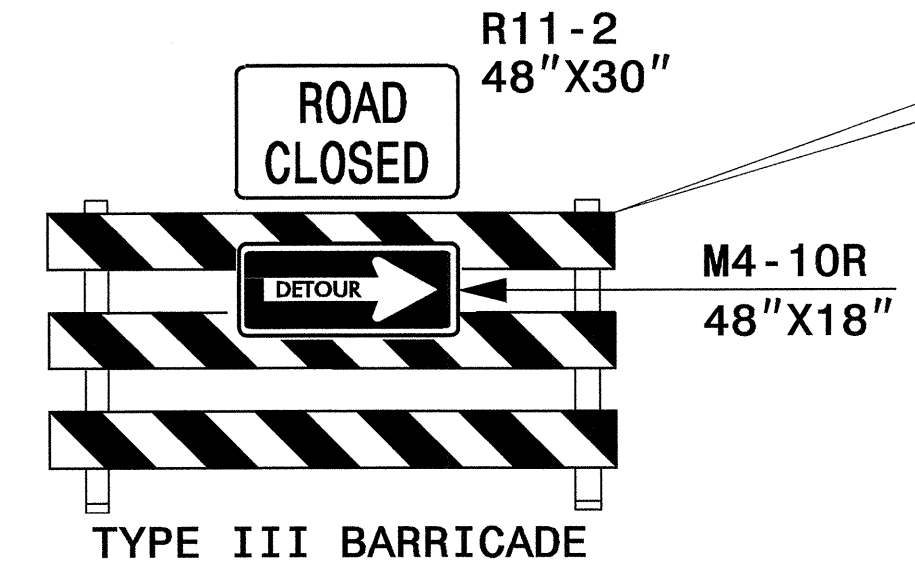
TEMPORARY SHORING NON-BARRIER SUPPORTED



NOTES:

- DO NOT USE STANDARD SHORING DESIGN FROM STA. 17+45+/- TO STA 17+55+/- . CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHORING DESIGN.
- SHORING EMBEDMENT WILL BE DIFFICULT TO OBTAIN DUE TO THE PRESENCE OF ROCK. ROCK WAS IDENTIFIED AT APPROXIMATELY ELEVATION 3169 FT+/- AT 17+42 OFFSET 12' RIGHT OF -L- .
- GROUNDWATER WAS NOTED AT APPROXIMATELY ELEVATION 3171 FT+/- AT STA 17+42 OFFSET 12' RIGHT OF -L- .
- THE ESTIMATED QUANTITY OF SHORING LOCATED FROM STA. 17+45+/- TO STA. 17+55+/- IS 100 SQUARE FEET.

- SEE SHEET TCP-1 FOR PAVEMENT MARKING SCHEDULE AND TEMP. RAISED PAVEMENT MARKERS
- SEE RSD 1101.03 PAGE 3 OF 9 FOR ONSITE DIVERSION



APPROVED: <i>[Signature]</i> DATE: 11/11/04	PHASE I & II		
	SCALE: NONE		
	DATE: OCT 2004		REVISIONS
	DWG. BY: MRM		
	DESIGN BY: MRM		
REVIEWED BY: JWG		CADD FILE	

08-NOV-2004 13:41 J:\TCP\B-3808-TCP.dgn mmamrquez AT T10195141