

* ANCHOR THE PORTABLE CONCRETE BARRIER FROM STA. 83+00 +/- -L- TO STA. 86+00 +/- -L-

PHASE I, STEP 4 & 5 DETAIL

(COMPLETION OF -DET2-, PROPOSED RETAINING WALL NO.2 CONSTRUCTION AND -DET1- CONSTRUCTION)

NOTES

DO NOT USE STANDARD SHORING DESIGN FROM STA. 83+20 +/- -L- TO STA. 86+00 +/- -L-. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHORING DESIGN.

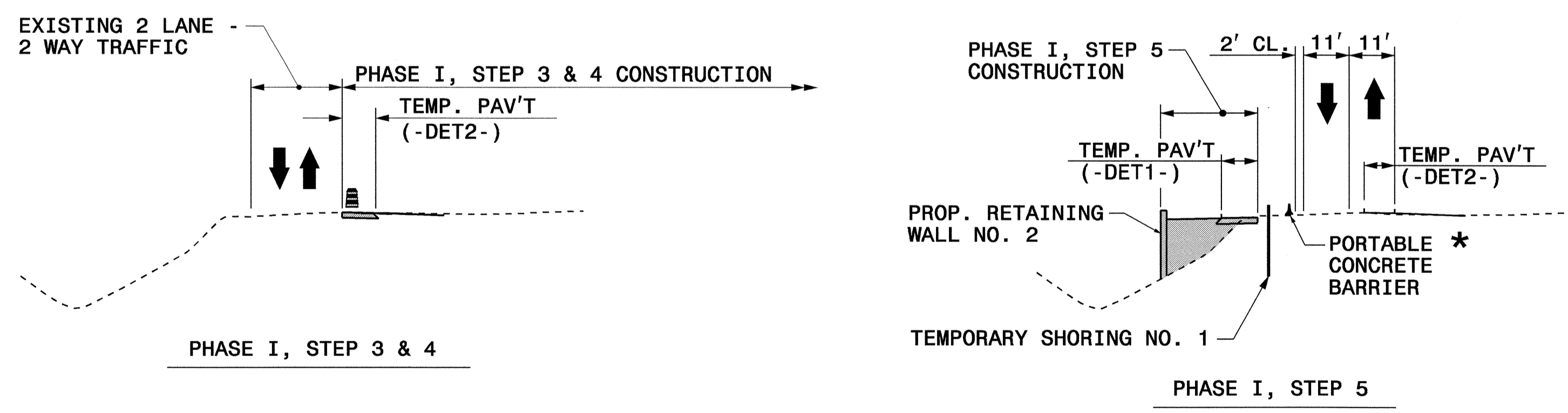
FOR DESIGN OF TEMPORARY SHORING, USE THE FOLLOWING SOIL PARAMETERS FOR SOILS ABOVE THE ROCK:

- UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 130$ pcf
- UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 70$ pcf
- FRICTION ANGLE, $\phi = 34^\circ$
- COHESION, $C = 0$ psf

ROADWAY EMBANKMENTS CONTAIN COBBLES AND BOULDERS AND A VARYING ROCK LINE. FOR ROCK LINE ELEVATIONS, SEE THE SUBSURFACE INVESTIGATION.

GROUNDWATER WAS NOTED AT APPROXIMATELY ELEVATION 1838 FEET +/- FROM STA. 83+20 +/- -L- TO STA. 86+00 +/- -L-.

ESTIMATED QUANTITY OF SHORING LOCATED FROM STA. 83+20 +/- -L- TO STA. 86+00 +/- -L- IS 4200 SQ. FT.



SECTION F-F'

(STA. 84+50 +/- -L-)

APPROVED: <i>J.W. Woolard</i> DATE: 10/20/03	PHASE I, STEP 4 & 5 DETAIL									
	SCALE: NONE									
	DATE: 10/03									
	DESIGN BY: DAP									
	REVIEWED BY: JWW									
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