



TEMPORARY SHORING
 TEMPORARY SHORING (BARRIER SUPPORTED) WILL BE REQUIRED AT THE FOLLOWING LOCATIONS:
 STA. 19+72 +/- TO STA. 20+05 +/- -L- OFFSET 3.0 FT. +/- (LEFT)
 STA. 20+58 +/- TO STA. 20+86 +/- -L- OFFSET 3.0 FT. +/- (LEFT)

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

- ELEVATION 4.3 TO -3.0 FT.
 UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma' = 110$ pcf
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 50$ pcf
 FRICTION ANGLE, $\phi = 28^\circ$
 COHESION, $c = 0$ psf
 GROUND WATER TABLE ELEVATION IS ESTIMATED TO BE 1.0 FT.
- ELEVATION -3.0 TO -12.0 FT.
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 45$ pcf
 FRICTION ANGLE, $\phi = 0^\circ$
 COHESION, $c = 200$ psf
- ELEVATION BELOW -12.0 FT.
 UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ pcf
 FRICTION ANGLE, $\phi = 33^\circ$
 COHESION, $c = 0$ psf

DO NOT USE STANDARD SHORING DESIGN FROM STA. 19+72 +/- TO STA. 20+05 +/- -L- AND STA. 20+58 +/- TO STA. 20+86 +/- -L-. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHORING DESIGN.

////// TEMPORARY PAVING
 * TEMPORARY PORTABLE SIGNAL
 ** ADVANCE WORK ZONE SIGNS

- NOTES:
- SEE SHEET TCP-4 FOR ROADWAY SECTIONS A-A, AND B-B.
 - PAVEMENT MARKINGS TO BE MARKED ACCORDING TO ROADWAY STANDARD DRAWINGS UNLESS OTHERWISE NOTED IN PLANS.
 - MARKERS ARE TO BE SPACED ACCORDING TO THE ROADWAY STANDARD DRAWINGS.

APPROVED: _____ DATE: _____	DETAIL 1 TCP PHASE II																			
SEAL																				
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SYSTEMS DESIGN
 USER NAME