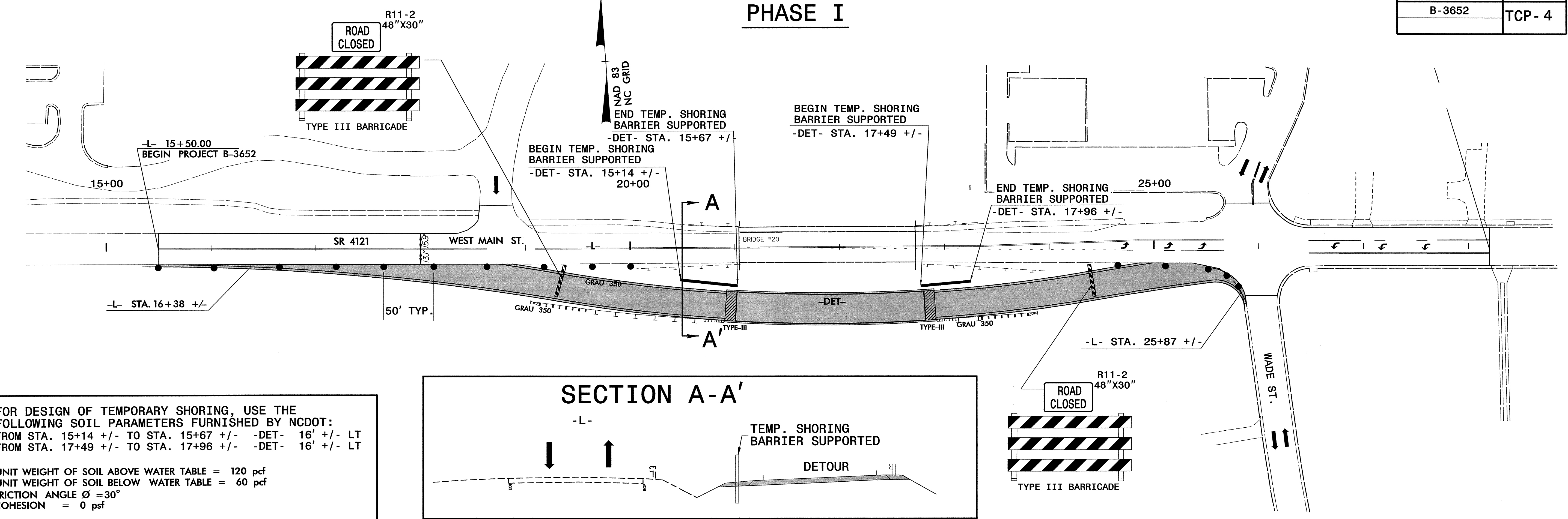
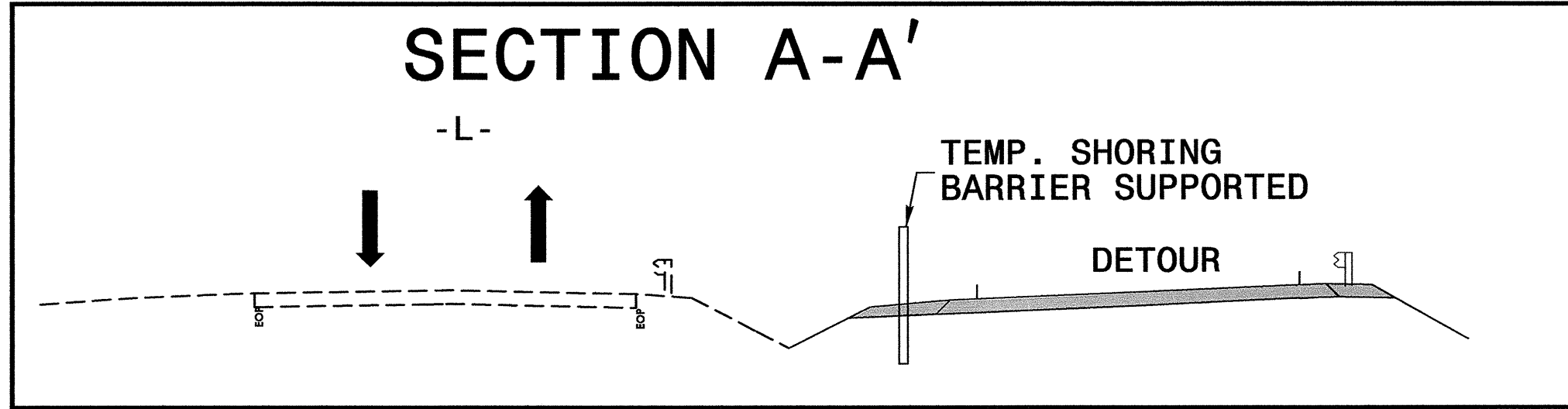


PHASE I

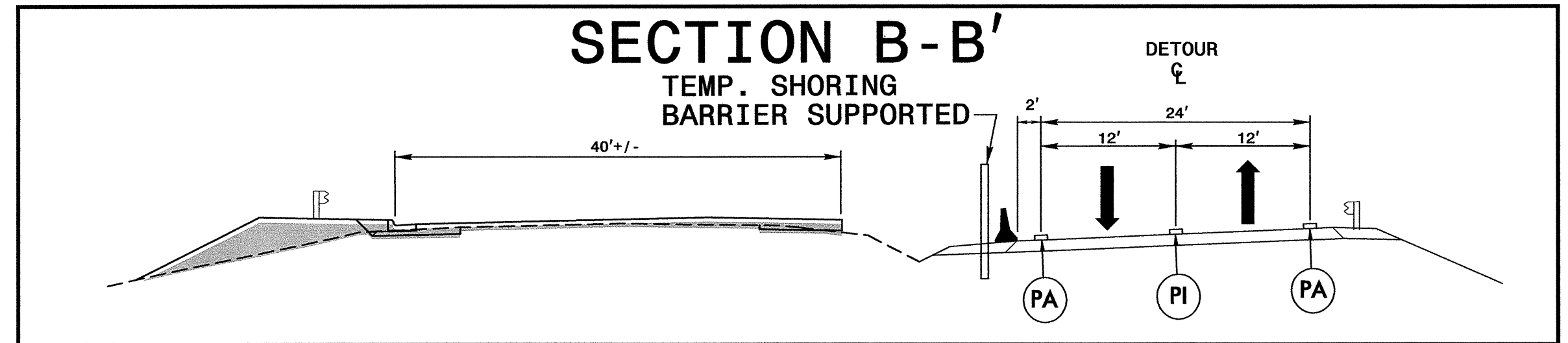
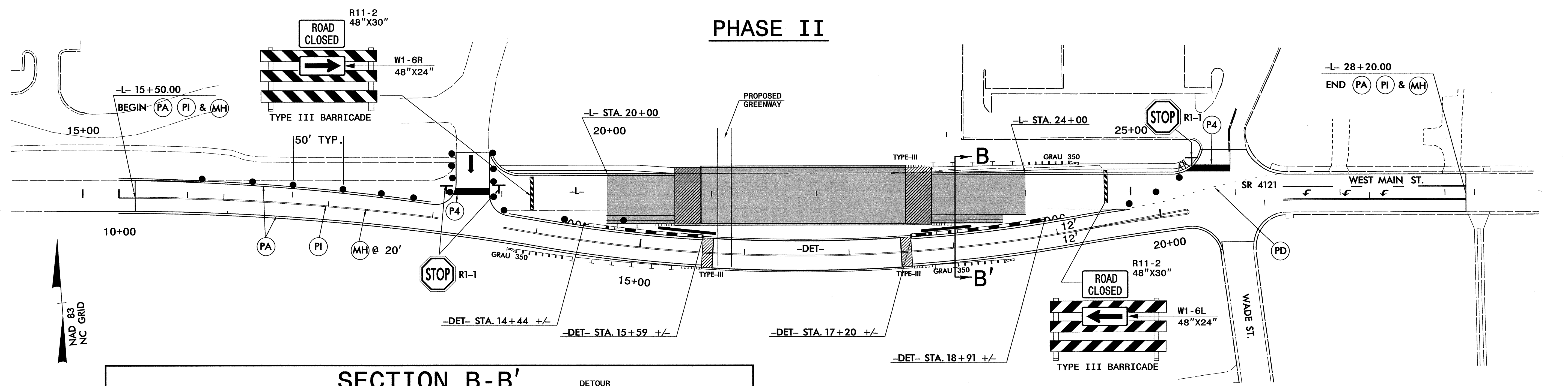


FOR DESIGN OF TEMPORARY SHORING, USE THE FOLLOWING SOIL PARAMETERS FURNISHED BY NCDOT:
 FROM STA. 15+14 +/- TO STA. 15+67 +/- -DET- 16' +/- LT
 FROM STA. 17+49 +/- TO STA. 17+96 +/- -DET- 16' +/- LT

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



PHASE II



SEPI ENGINEERING GROUP
 2300 Rexwoods Drive
 Suite 370
 Raleigh, NC 27607
 Tel: 919-789-9977 Fax: 789-9591

APPROVED: _____ DATE: _____
 SEAL
 NORTH CAROLINA
 PROFESSIONAL ENGINEER
 20104
 SEPHEN S. ASE, III
 12-6-04

PHASE I & PHASE II	
SCALE: NONE	REVISIONS
DATE: 11/03	
DWG. BY: NH	
DESIGN BY: NH	
REVIEWED BY: RLW/SSA	