

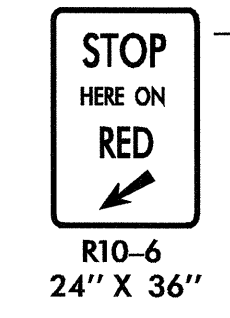
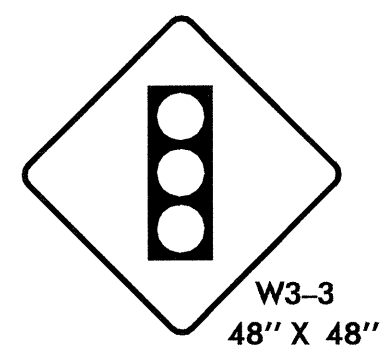
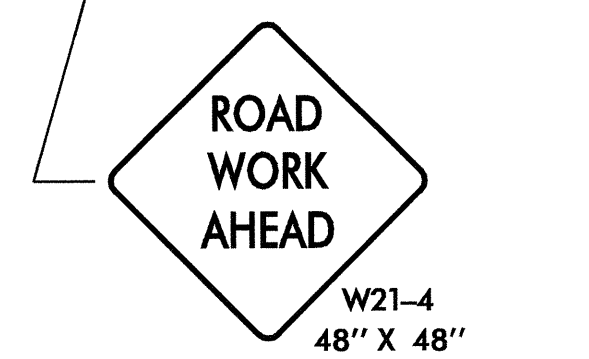
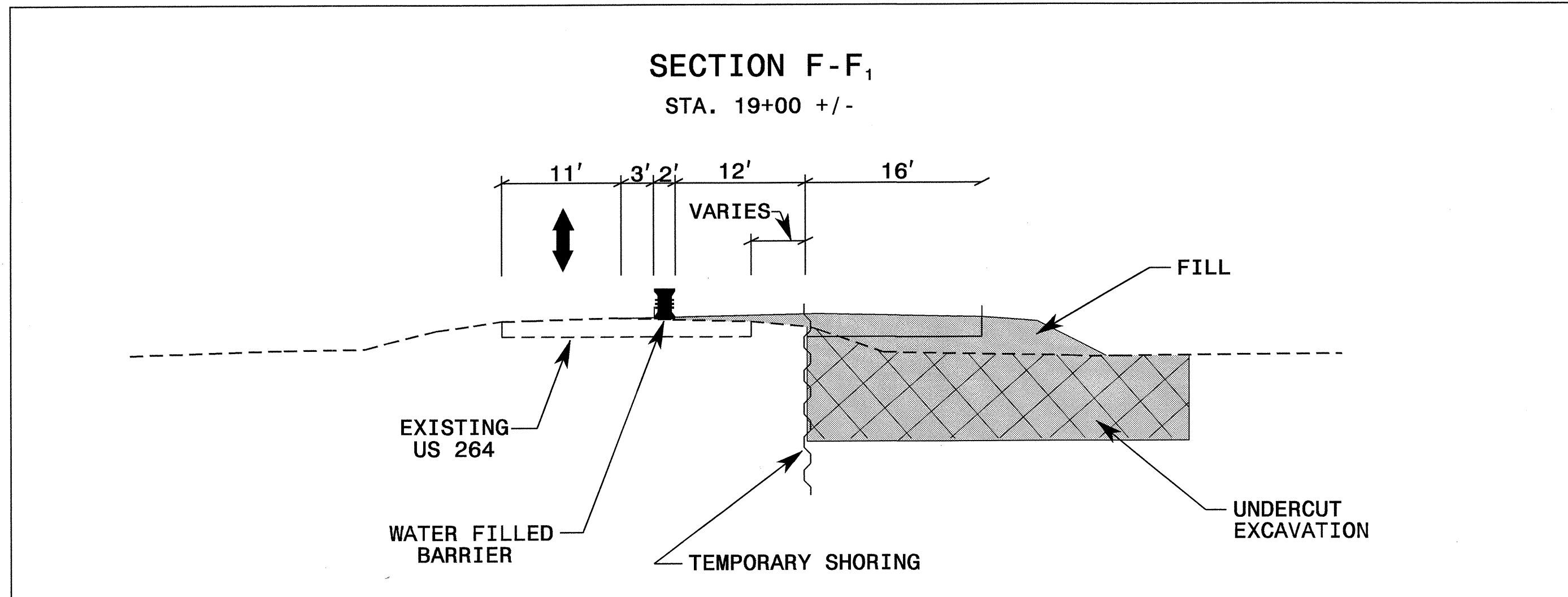
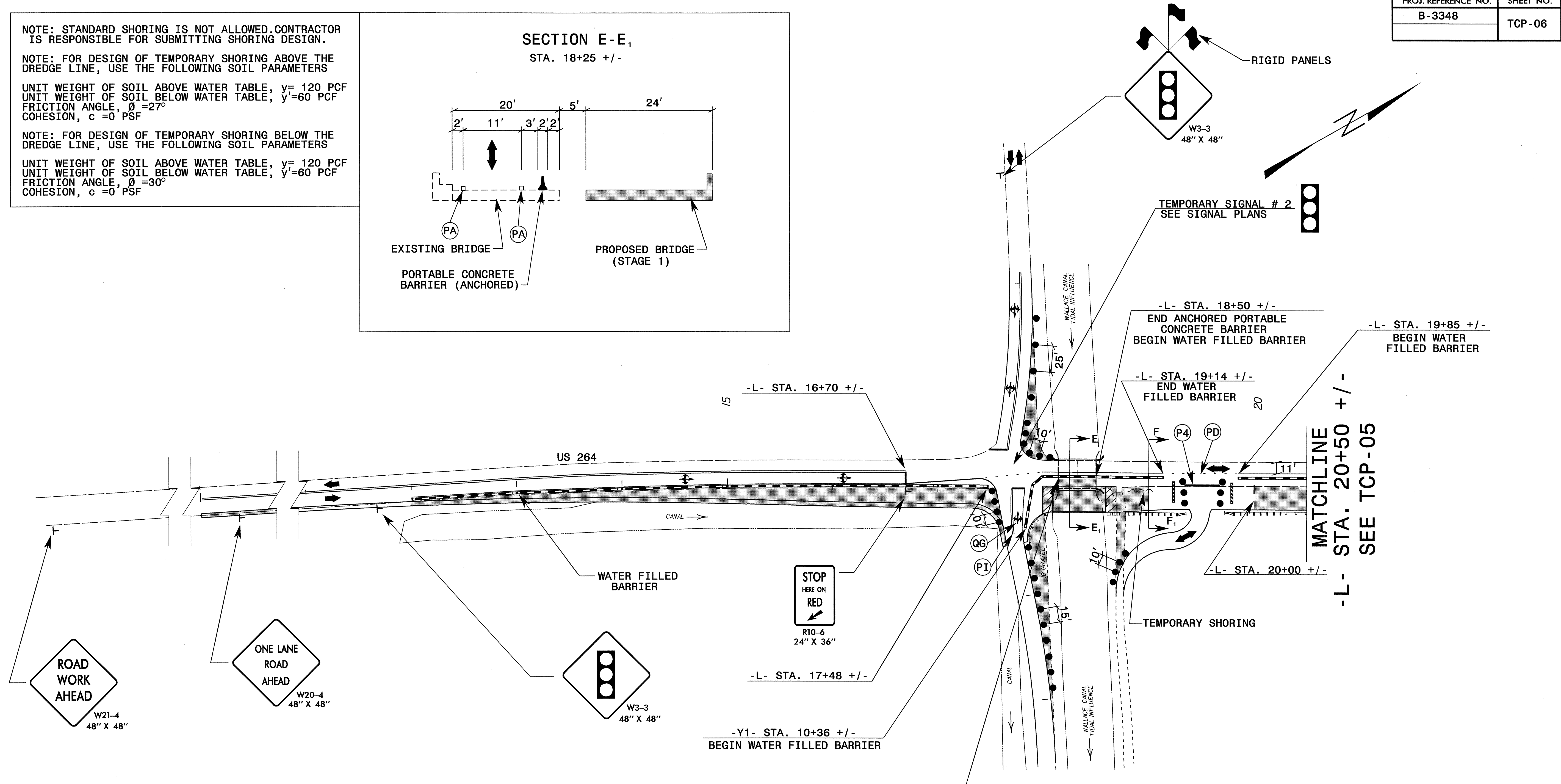
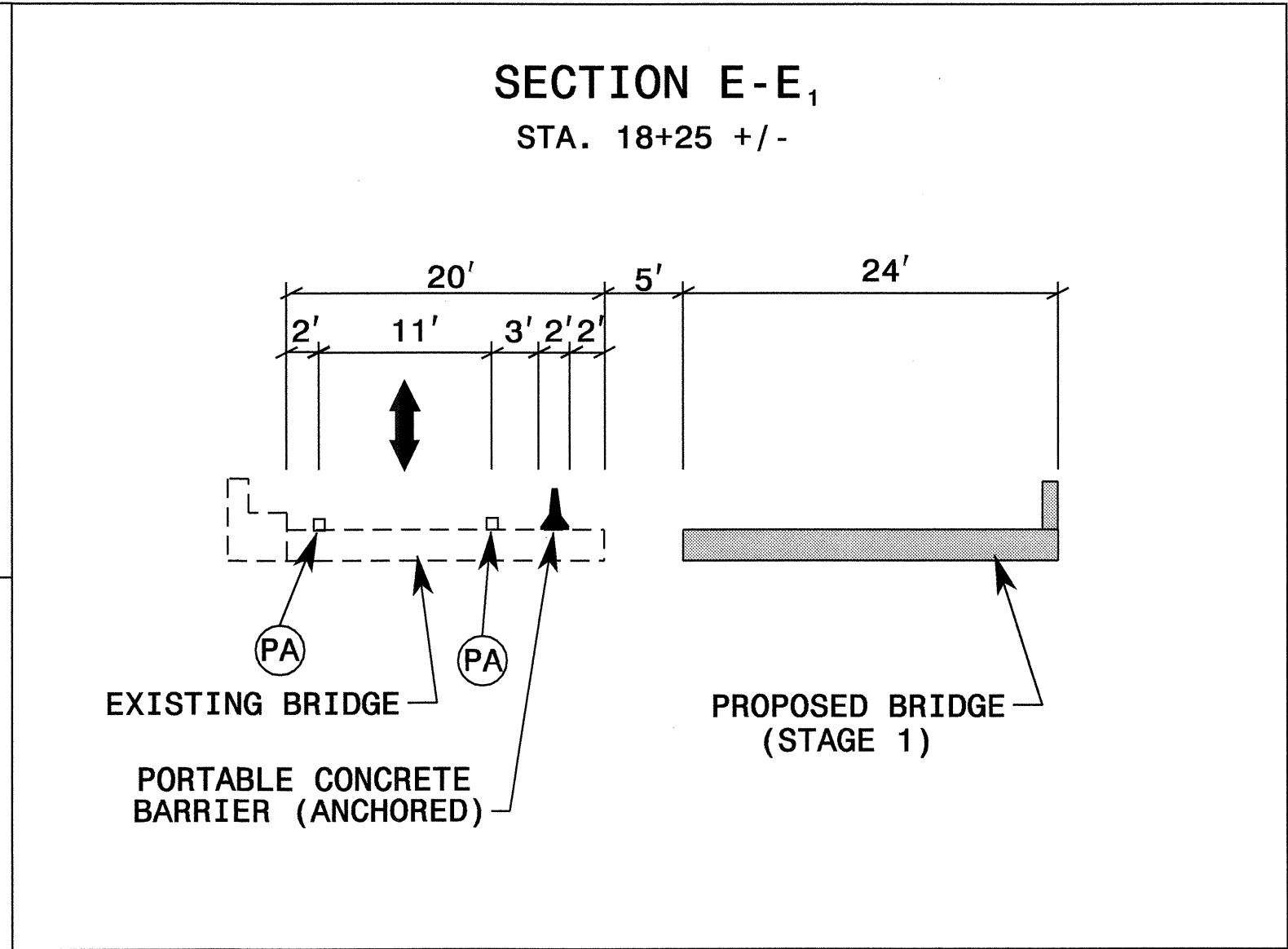
NOTE: STANDARD SHORING IS NOT ALLOWED. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING SHORING DESIGN.

NOTE: FOR DESIGN OF TEMPORARY SHORING ABOVE THE DREDGE LINE, 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, $\phi = 27^\circ$
 COHESION, $c = 0$ PSF

NOTE: FOR DESIGN OF TEMPORARY SHORING BELOW THE DREDGE LINE, 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



APPROVED: *John S. Kite, Jr.* DATE: 4/9/04

SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 022104
 JOHN S. KITE, JR.

PHASE I		REVISIONS <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>								
SCALE: NONE	DATE: 05/03									
DWG. BY: SJS	DESIGN BY: SJS									
REVIEWED BY: CLM										

19-APR-2004 14:52
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 sjsykes AT TELIC96513

SEE TCP-03 FOR PAVEMENT MARKING SCHEDULE