

PHASE ONE

PROJ. REFERENCE NO.	SHEET NO.
B-3445	TCP-3

INSTALL ALL WORKZONE WARNING SIGNS AS SHOWN ON SHEET TCP-6. IF WORK ISN'T PURSUED WITHIN 3 DAYS OF SIGN INSTALLATION, THE SIGNS SHALL BE COVERED OR REMOVED IN A METHOD APPROVED BY THE ENGINEER ACCORDING TO SECTION 1110 IN THE STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.

STEP 1

- USING ROADWAY STANDARD DESIGN 1101.03 SHEET 1 OF 9, TEMPORARY ROAD CLOSURE, ROADWAY STANDARD DRAWING 1145.01 SHEET 1 OF 1, BARRICADES, GENERAL AND LOCAL NOTES, BEGIN INSTALLATION OF EQUILIBRIUM PIPES AS SHOWN IN THE ROADWAY DESIGN PLANS.
- REPAIR PAVEMENT AND MARKING AS DIRECTED BY THE ENGINEER.
- REMOVE TRAFFIC CONTROL DEVICES.

STEP 2

USING TRAFFIC CONTROL DEVICES AND ROADWAY STANDARD DRAWING 1101.02, SHEET 1 OF 7 TEMPORARY LANE CLOSURES, CONSTRUCT THE FOLLOWING:

- INSTALL TEMPORARY TRAFFIC SIGNALS FOR TWO-WAY, ONE-LANE TRAFFIC ON THE EXISTING BRIDGE STRUCTURE. SEE SIGNAL PLANS.
- INSTALL TEMPORARY PAVEMENT MARKINGS AND TRAFFIC CONTROL PLANS AS SHOWN BELOW.

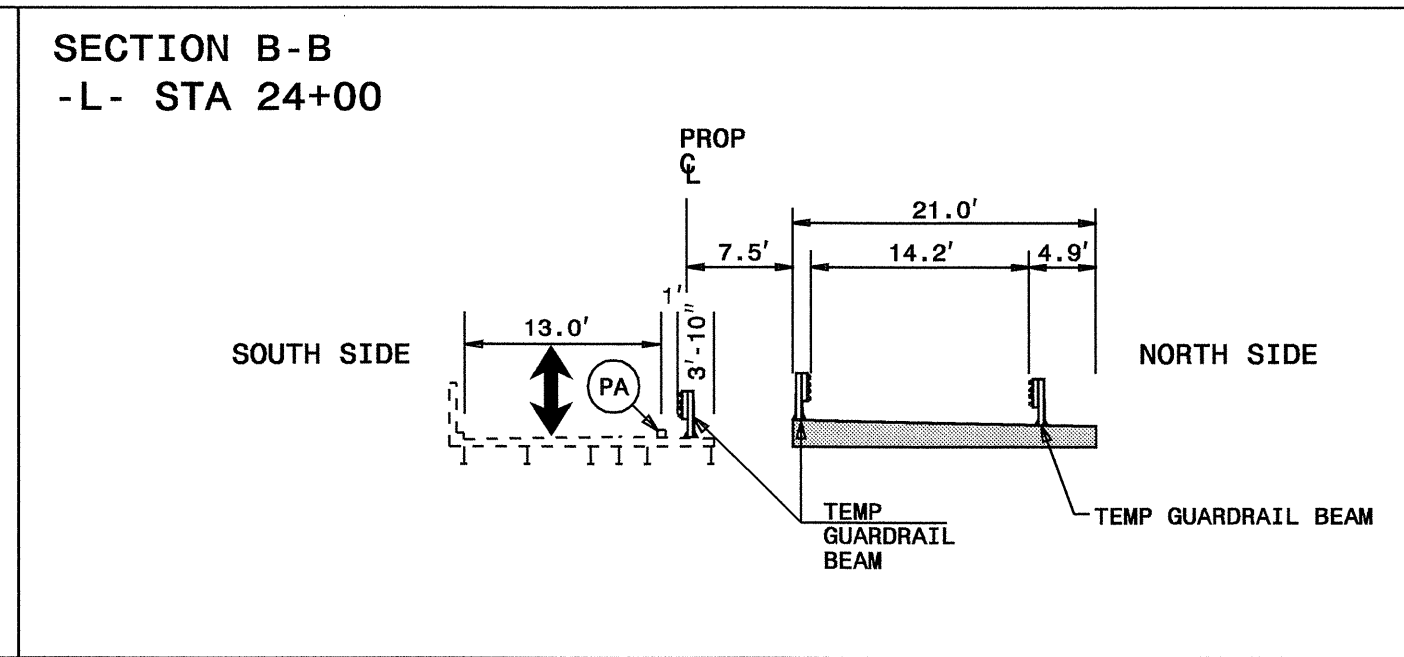
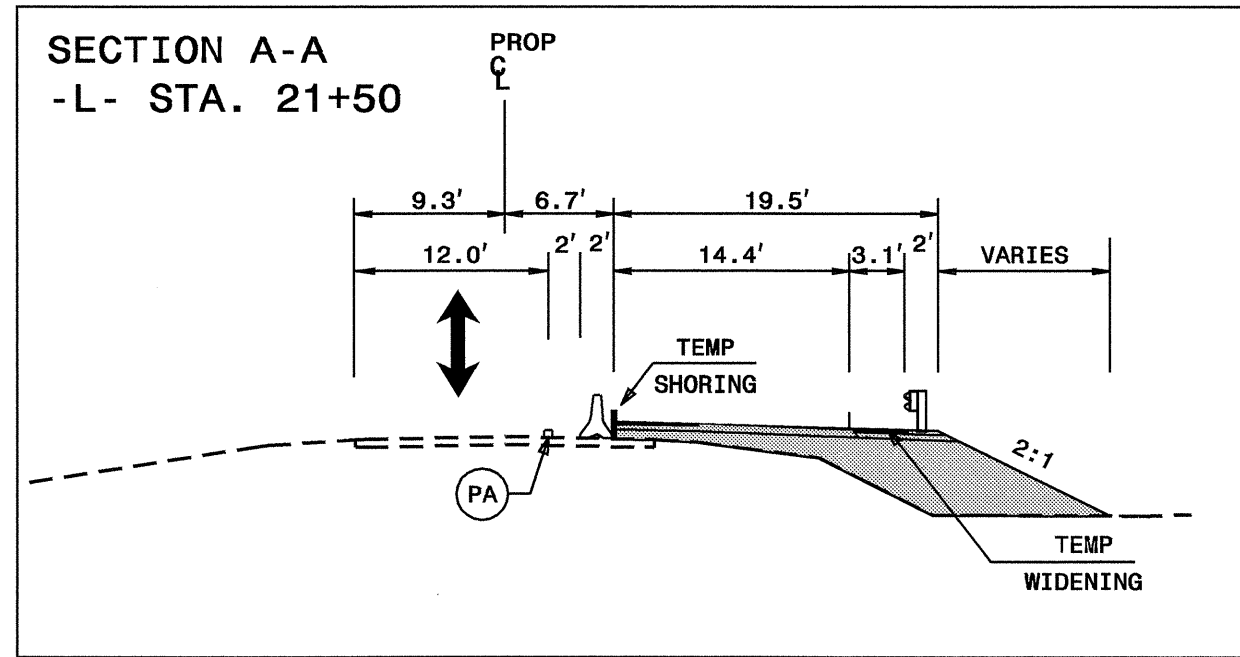
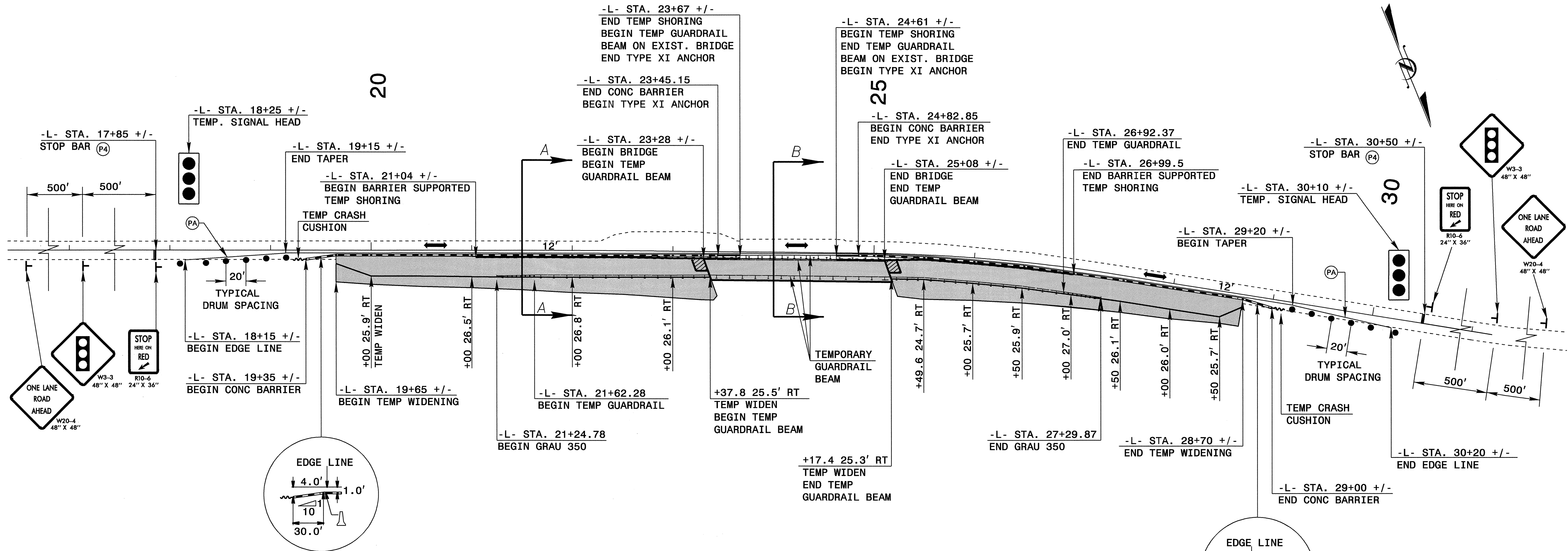
REMOVE CONFLICTING PAVEMENT MARKINGS AND ACTIVATE TRAFFIC SIGNAL PLACING TRAFFIC IN A ONE-LANE, TWO-WAY TRAFFIC PATTERN.
- INSTALL PORTABLE CONCRETE BARRIER, TYPE XI ANCHOR AND TEMPORARY GUARDRAIL BEAM ON EXISTING BRIDGE

STEP 3

REMOVE THE NORTHERN PORTION OF THE EXISTING BRIDGE OVER COREYS DITCH (SEE ROADWAY AND STRUCTURE PLANS).

STEP 4

- AWAY FROM TRAFFIC CONSTRUCT THE NORTHERN PORTION OF THE PROPOSED BRIDGE AS SHOWN BELOW.
- AWAY FROM TRAFFIC CONSTRUCT ROADWAY, PAVED SHOULDER, TEMPORARY WIDENING, TEMPORARY SHORING, TEMPORARY GUARDRAIL BEAM, GRAU 350, AND PARKING AREA UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, OF PROPOSED NC 615 (-L-) AS SHOWN BELOW. SEE ROADWAY PLANS SHEET 2A, DETAIL B FOR TEMP PAVEMENT DESIGN AND ROADWAY PLAN SHEET 2N, FOR TEMPORARY GUARDRAIL INSTALLATION METHODS AT THE APPROACH SLAB.



FOR TEMPORARY SHORING, THE FOLLOWING SOIL PARAMETERS SHALL BE USED:
 FRICTION ANGLE, $\phi = 30$ degrees
 COHESION, $C = 0$ degrees
 UNIT WEIGHT OF SOIL, $\gamma = 120$ PCF ABOVE WTR
 UNIT WEIGHT OF SOIL, $\gamma = 60$ PCF BELOW WTR

APPROVED: <i>Jessica Kuso</i> DATE: 1/26/06	PHASE ONE	
	SCALE: N.A.	
	DATE: 1/05/06	
	DWG. BY: RMG	
	DESIGN BY: RMG	
REVIEWED BY: JDK	REVISIONS	

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