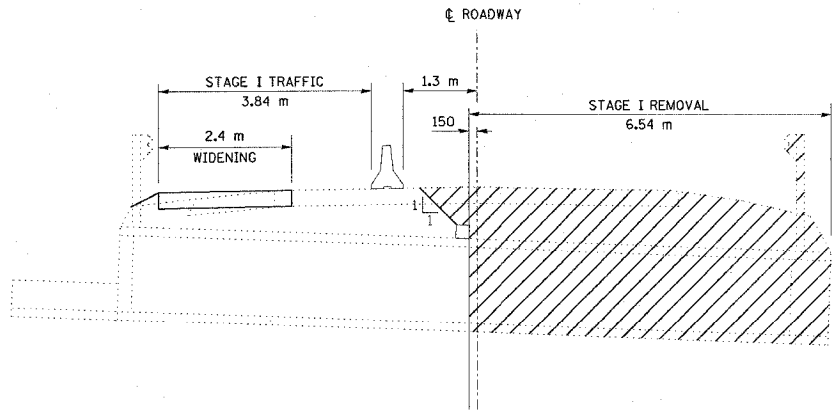
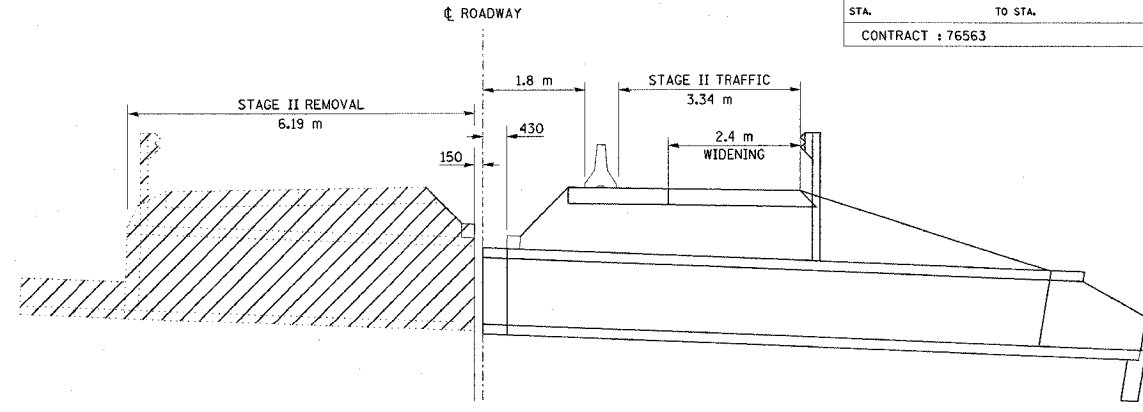


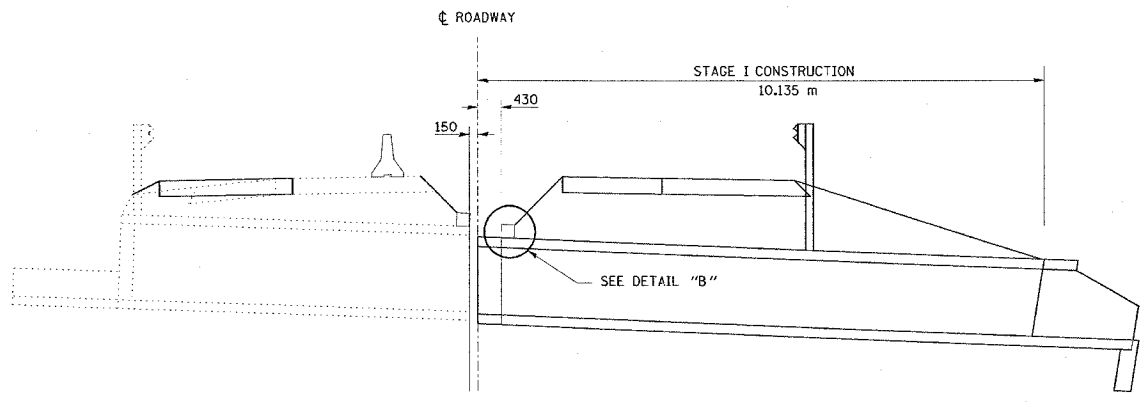
FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
600	51RS-3	ST. CLAIR	347	143
STA.		TO STA.		
CONTRACT : 76563				



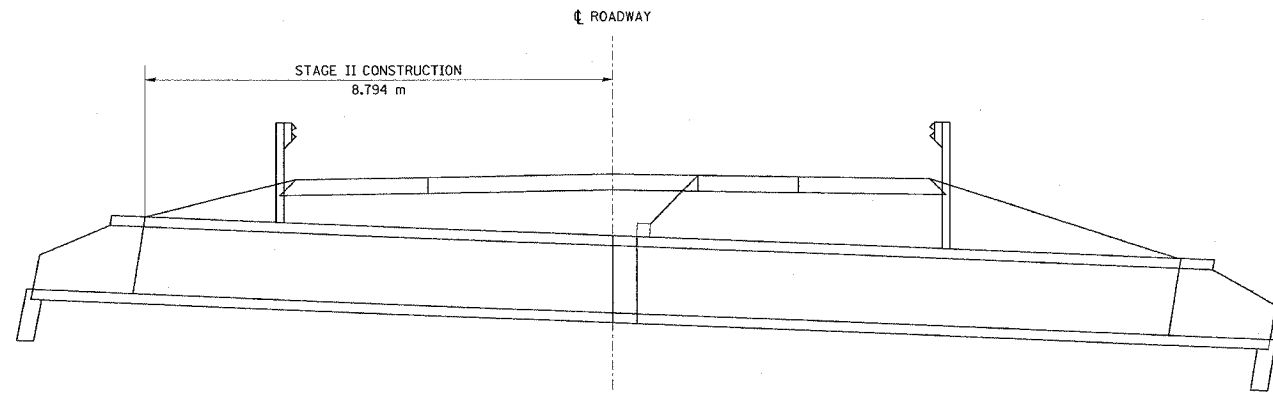
STAGE I REMOVAL & TRAFFIC



STAGE II REMOVAL & TRAFFIC



STAGE I CONSTRUCTION & TRAFFIC

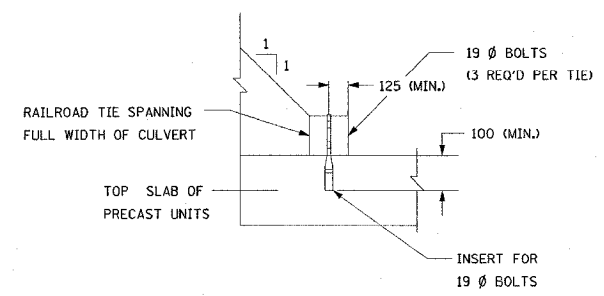


STAGE II CONSTRUCTION & TRAFFIC

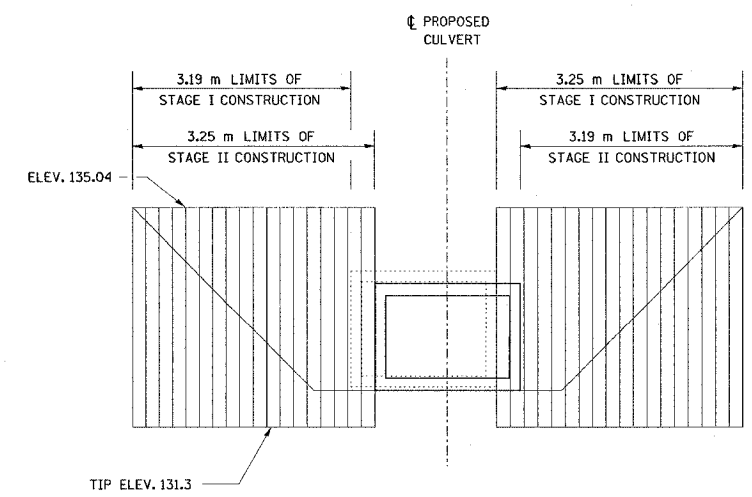
**NOTES:**  
 HATCHED AREAS INDICATE "REMOVE EXISTING CULVERT".  
 FOR DETAILS OF TEMPORARY CONCRETE BARRIER, SEE SHEET #140 OF 347.  
 ALL DIMENSIONS ARE AT RT. L'S TO  $\phi$  ROADWAY UNLESS NOTED OTHERWISE.  
 ALL CROSS SECTIONS ARE LOOKING NORTH.

**NOTES:**  
 THE QUANTITY FOR "TEMPORARY SHEET PILING" WAS CALCULATED USING A TIP ELEVATION OF 131.3 AND A TOP ELEVATION OF 135.04. THE ACTUAL AREA OF SHEET PILING MUST BE DETERMINED DURING CONSTRUCTION DUE TO THE SUBSURFACE CONDITIONS LIMITING THE SHEET PILING EMBEDMENT. IT APPEARS THAT A CANTILEVERED DESIGN IS NOT FEASIBLE AND A WALE RESTRAINT OR OTHER SYSTEM WILL BE REQUIRED. THE CONTRACTOR SHALL SUBMIT FULL DESIGN COMPUTATIONS BY A LICENSED STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE COST SHALL BE INCLUDED WITH "TEMPORARY SHEET PILING".

THE BOX CULVERT AND DROP BOX REMOVAL WILL BE PAID FOR AS "REMOVAL OF EXISTING STRUCTURES."



**DETAIL "B"**  
 COST INCLUDED WITH "PRECAST CONCRETE BOX CULVERTS"



**TEMPORARY SHEET PILING DETAILS**  
 DIMENSIONS ARE MEASURED PARALLEL TO  $\phi$  ROADWAY

ALL DIMENSIONS ARE IN mm UNLESS DESIGNATED OTHERWISE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**STAGE CONSTRUCTION DETAILS**  
**BOX CULVERT REPLACEMENT**  
**STA. 24+507.868**  
 FAP ROUTE 600  
 SECTION 51RS-3  
 ST. CLAIR COUNTY

DRAWN BY:

DATE	
BY	
REVISIONS	
ALIGNED	
CHECKED	
DATE	
FILE NAME	
NO.	
PLAN	
NOTE BOOK	