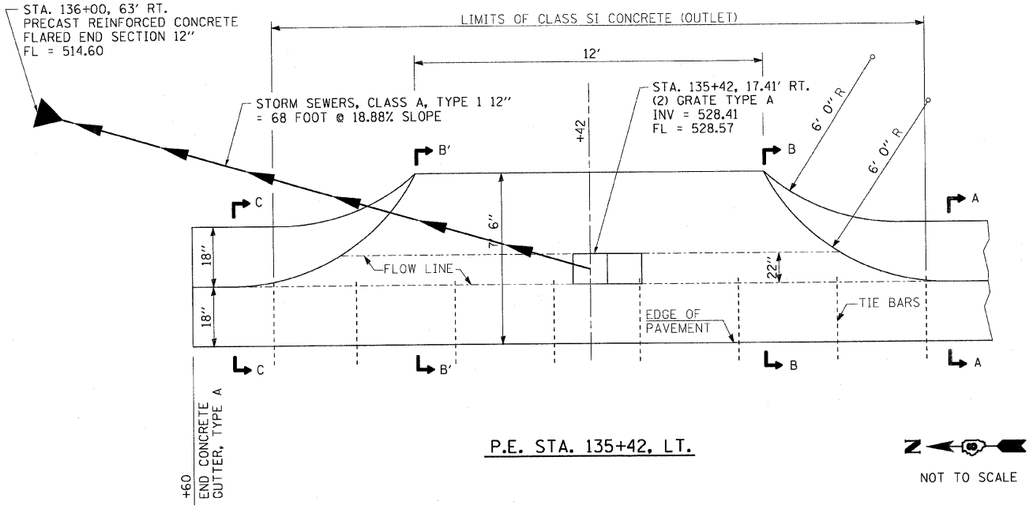
DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

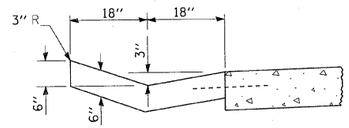
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
609	•••	ST. CLAIR	350	118
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

••• 76RS-3, 76-2BR-21



P.E. STA. 135+42, LT.

NOT TO SCALE

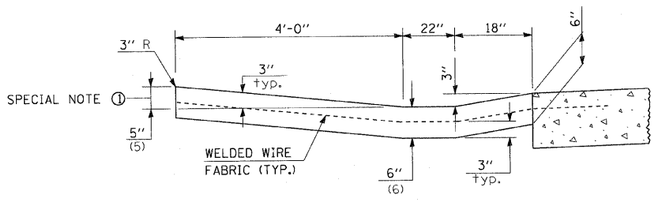


SECTION A-A & C-C

QUANTITY

SECTION B'-B' TO B-B = 0.14 CU. YD./FT.

SECTION C-C TO B'-B' + B'-B' TO A-A = 0.80 CU. YD.

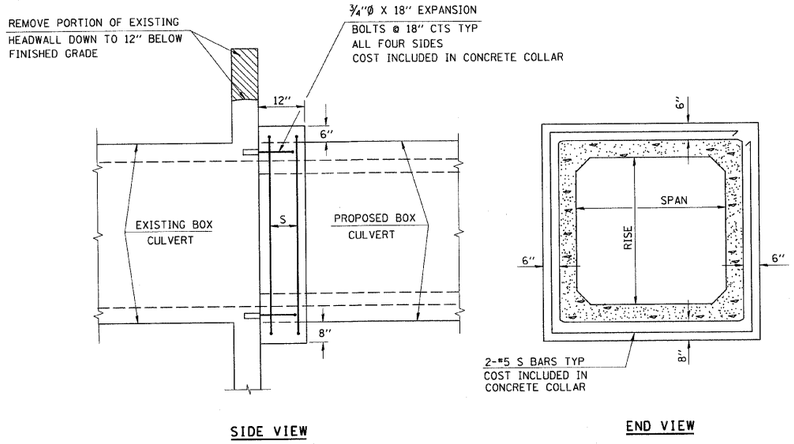


SECTION B-B & B'-B'

SPECIAL NOTES:

① SECTION B-B & B'-B'
5" IS THE NORMAL DIMENSION. IF SPECIFIED IN THE PLANS, THE FOLLOWING SHALL BE USED FOR IMPROVED ENTRANCE MATCH-UP: MINIMUM - 3"
MAXIMUM - 9"

SEE STANDARD 606101
AND SECTION 606 OF THE STANDARD SPECIFICATIONS
FOR ADDITIONAL INFORMATION



SIDE VIEW

END VIEW

SPAN X RISE	CL SI CONCRETE CU YD (EST)
2' X 2'	0.26
3' X 2'	0.30
3' X 3'	0.34
4' X 2'	0.36
4' X 3'	0.39
4' X 4'	0.43
5' X 2'	0.41
5' X 3'	0.45
5' X 4'	0.49
6' X 2'	0.47
6' X 3'	0.51
6' X 4'	0.54

THE CONCRETE COLLAR AS DETAIL AND REMOVAL OF SUCH PORTIONS OF THE EXISTING HEADWALL AS MAY BE REQUIRED ARE INCLUDED IN CONCRETE COLLAR.
CLASS SI CONCRETE SHALL BE USED THROUGHOUT.

DETAILS OF CONCRETE COLLAR
FOR PRECAST BOX CULVERT

REVISIONS	
NAME	DATE
IDOT REVIEW	03/08

ILLINOIS DEPARTMENT OF TRANSPORTATION

DETAILS

FAP 609 (IL RTE. 163)
SECTION 76RS-3, 76-2BR-21
ST. CLAIR COUNTY

SCALE: VERT.
HORIZ.
DATE 9/12/07

DRAWN BY: SUTHEARD
DESIGNED BY: BOTT
CHECKED BY: BOTT

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
3521 CONSTITUTION DRIVE
SPRINGFIELD, ILLINOIS 62707
• 217) 793-0044

COMPUTER FILE NO.
DETAILS01-1

PROJECT: 02076
8/13/08-MDS

IDOTPL50 1"=50' 8/24/98