F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	JASPER	546	284
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

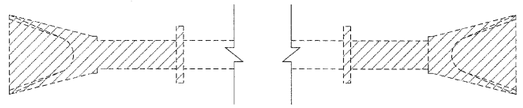
*(5,6)Y,RS-2,6BR-7
CONTRACT NO. 94437

DESIGN		
INT.	DATE	REASON

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

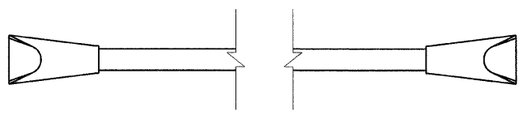
CHECKS		
INT.	DATE	REASON

CULVERT NO. 31
STA. 1009+02.07
EXISTING 2' X 1.5' PRC
31° SKEW



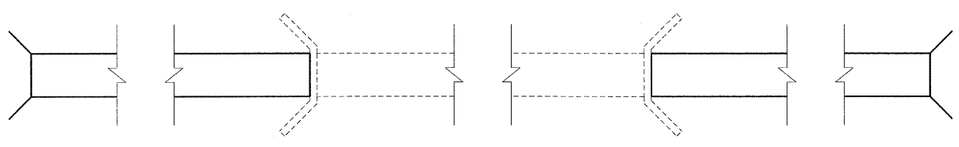
REMOVAL OF EXISTING STRUCTURE NO. 20	-	1 EACH
FILLING EXISTING CULVERT	-	1 EACH
CUT	-	2 CY

CULVERT NO. 32
STA. 1009+55, 35' RT.



PIPE CULVERTS, CLASS A, TYPE 1 24"	-	90 FOOT
PRC FLARED END SECTIONS 24"	-	2 EACH
TRENCH BACKFILL	-	15 CY
CUT	-	35 CY

CULVERT NO. 33
STA. 1030+94
EXISTING 3' X 1.5' PRC
57° SKEW



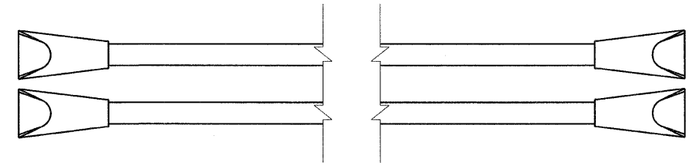
LEFT

CONCRETE BOX CULVERT 3' x 1.5'	-	7.35 CU. YD.
EXPANSION BOLTS - ¾ INCH	-	8 EACH
REINFORCEMENT BARS	-	1,275 POUNDS
DESIGN FILL HEIGHT	-	< 2'

RIGHT

CONCRETE BOX CULVERT 3' x 1.5'	-	7.35 CU. YD.
EXPANSION BOLTS - ¾ INCH	-	8 EACH
REINFORCEMENT BARS	-	1,275 POUNDS
DESIGN FILL HEIGHT	-	< 2'

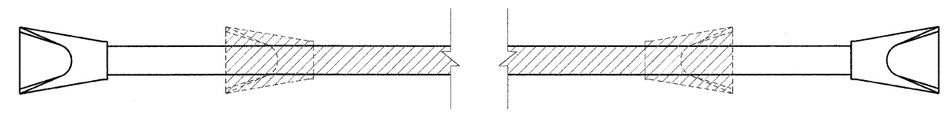
CULVERT NO. 34
STA. 1031+86.8, 35.7' LT.
58° SKEW



TWIN PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	-	2 @ 84 FOOT
PRC FLARED END SECTIONS. EQUIVALENT ROUND-SIZE 24"	-	4 EACH
TRENCH BACKFILL	-	18 CY
POROUS GRANULAR BEDDING	-	4 CY
CUT	-	18 CY
FILL	-	8 CY

1150N (T.R. 181)

CULVERT NO. 35
STA. 118+10 (1150N-T.R. 181)
57° SKEW



PIPE CULVERTS, CLASS A, TYPE 1 24"	-	66 FOOT
PRC FLARED END SECTIONS 24"	-	2 EACH
PIPE CULVERT REMOVAL	-	48 FOOT
TRENCH BACKFILL	-	2 CY
POROUS GRANULAR BEDDING	-	11 CY
CUT	-	11 CY
FILL	-	8 CY

1150N (T.R. 181)

LEGEND

▨ - EXISTING ITEMS TO BE REMOVED

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

CULVERT DETAILS

FAP ROUTE 95 (IL RTE. 33)
SECTION (5,6)Y,RS-2,6BR-7
JASPER COUNTY

SCALE: VERT. HORIZ.
DATE: 09/16/02

DRAWN BY: BISHOP
DESIGNED BY: COLBROOK
CHECKED BY: COLBROOK

GREENE & BRADFORD, INC. OF SPRINGFIELD
CONSULTING ENGINEERS
SUBCONSTITUTION SERVI
SPRINGFIELD, ILLINOIS 62701
PROJECT MANAGEMENT SERVICES
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 753-8884, (217) 753-5237 (FAX) E-MAIL - cscbgr@earthlinkglobal.net

COMPUTER FILE NO. CULV_DET.DGN-7
PROJECT 01256
2/26/10-FAV