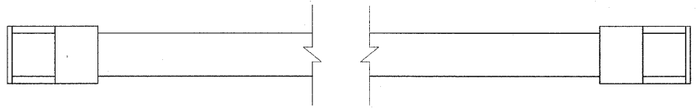
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	JASPER	546	281
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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

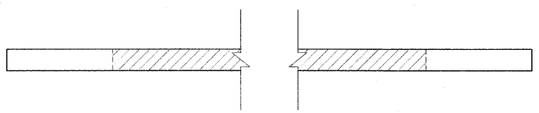
DESIGN		
INT.	DATE	REASON

CULVERT NO. 16
STA. 882+50.00
0° SKEW



PRECAST CONCRETE BOX CULVERT 3' X 2'	-	60 FOOT
BOX CULVERT END SECTION, CULVERT NO. 16	-	2 EACH
POROUS GRANULAR BEDDING	-	9 CY
PAVEMENT PATCHING, TYPE II 14 INCH	-	2 @ 11.6 SY
CUT	-	93 CY
FILL	-	26 CY
DESIGN FILL HEIGHT	-	< 2'

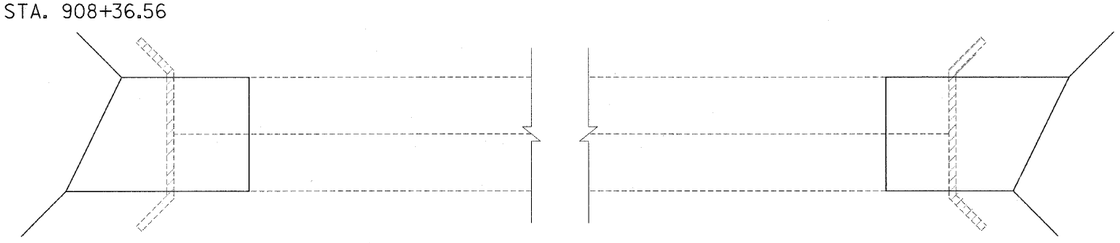
CULVERT NO. 17
STA. 79+03
EXISTING PIPE CULVERT
31° SKEW



PIPE CULVERTS, CLASS A, TYPE 1 18"	-	62 FOOT
PIPE CULVERT REMOVAL	-	28 FOOT
TRENCH BACKFILL	-	9 CY
CUT	-	15 CY
FILL	-	7 CY

400E (T.R. 56)

CULVERT NO. 18
STA. 908+36.56



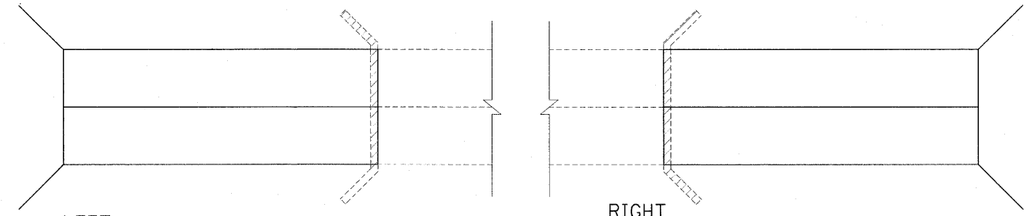
LEFT

CONCRETE REMOVAL	-	4.2 CU. YD.
EXPANSION BOLTS - ¾ INCH	-	30 EACH
CONCRETE BOX CULVERTS	-	20.4 CU YD.
REINFORCEMENT BARS	-	6,055 POUNDS
POROUS GRANULAR BEDDING	-	2.5 CY
CUT	-	21 CY
FILL	-	3 CY

RIGHT

CONCRETE REMOVAL	-	4.2 CU. YD.
EXPANSION BOLTS - ¾ INCH	-	30 EACH
CONCRETE BOX CULVERTS	-	20.4 CU YD.
REINFORCEMENT BARS	-	6,055 POUNDS
POROUS GRANULAR BEDDING	-	2.5 CY
CUT	-	21 CY
FILL	-	3 CY
NAME PLATE	-	1 EACH

CULVERT NO. 19
STA. 917+44.52
EXISTING DOUBLE 8'-1" X 2' RCBC



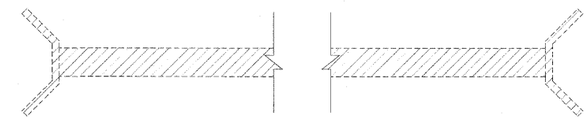
LEFT

CONCRETE BOX CULVERT	-	15.7 CU. YD.
CONCRETE REMOVAL	-	1.65 CU. YD.
EXPANSION BOLTS - ¾ INCH	-	30 EACH
REINFORCEMENT BARS	-	3.615 POUNDS
POROUS GRANULAR BEDDING	-	4 CY
CUT	-	14 CY
FILL	-	12 CY

RIGHT

CONCRETE BOX CULVERT	-	15.7 CU. YD.
CONCRETE REMOVAL	-	1.65 CU. YD.
EXPANSION BOLTS - ¾ INCH	-	30 EACH
REINFORCEMENT BARS	-	3.615 POUNDS
POROUS GRANULAR BEDDING	-	4 CY
CUT	-	22 CY
FILL	-	12 CY
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS FOR STRUCTURES	-	10 CY
ROCK FILL - REPLACEMENT	-	20 TON

CULVERT NO. 20
STA. 944+98, 21.41' LT.
EXISTING 2' X 1.5' RC BOX



REMOVAL OF EXISTING STRUCTURES NO. 9	-	1 EACH
CUT	-	6 CY

C.I.P.S. ROAD/500E

LEGEND

▨ - EXISTING ITEMS TO BE REMOVED

PLOTS & CHECKS			
INT.	DATE	NO.	REASON

CHECKS		
INT.	DATE	REASON

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
203 CONSTITUTION DRIVE
SPRINGFIELD, ILLINOIS
PROFESSIONAL DESIGN FIRM - 184-001-0003
PROFESSIONAL & CONSTRUCTION ENGINEERING CORPORATION
(217) 753-8844, (217) 753-5207 (FX) E-MAIL - mail@greenebradford.com

COMPUTER FILE NO.
CULV_DET.DGN-4

PROJECT 01256
2/26/10-FAV

IDOTPL-10 1"=10' 8/07/00