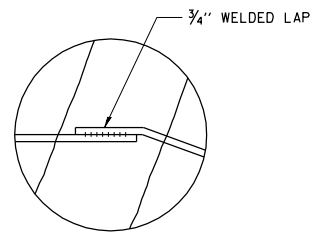
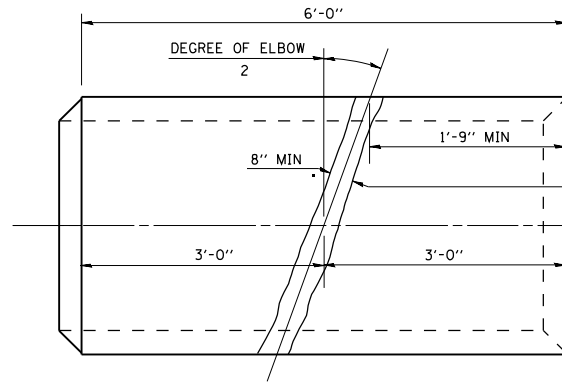


STANDARD REINFORCEMENT

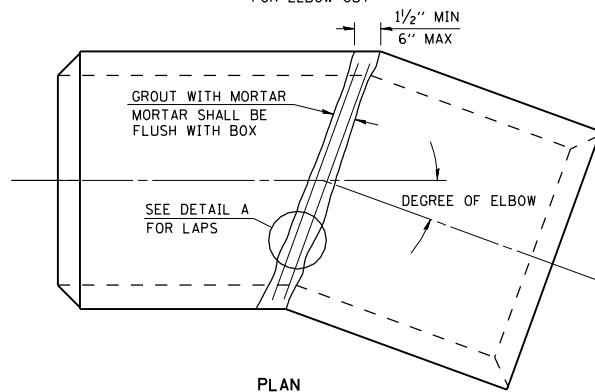
TRANSVERSE SECTION



DETAIL A



PLAN FOR ELBOW CUT



PLAN

REMOVE CONCRETE IN BOX ALONG THESE LINES. CLEAN REINFORCEMENT FOR WELDED LAPS OF LONGITUDINAL AND CIRCUMFERENTIAL REINFORCEMENT

GENERAL NOTES

- REINFORCED CONCRETE BOX CULVERT SHALL CONFORM TO AASHTO M-259 AND ASTM C 783.
- ADDITIONAL REINFORCEMENT SHALL CONFORM TO AASHTO M-31 OR M-53 GRADE 60
- CEMENT MORTAR WITH BONDING AGENT SHALL BE APPROVED BY THE ENGINEER.
- DEGREE OF ELBOW AND CULVERT SIZE REQUIRED SHALL BE AS INDICATED ON THE PLAN DETAIL FOR EACH INDIVIDUAL INSTALLATION.

PRECAST CONCRETE BOX CULVERT ELBOW

FILE NAME = boxcul.dgn	USER NAME = rjo	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/17/2011	DATE - 10/19/11	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PRECAST CONCRETE
BOX CULVERT ELBOW**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
103	27-1-VHB-1	ST. CLAIR	277	107
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 76884	