

GENERAL NOTES:

Cast-in-place box culvert is provided. Precast box culvert option will not be considered.

The minimum concrete strength shall be 3,500 psi.

REINFORCING BARS

Reinforcement bars shall conform to the requirements of ASTM A709 Gr. 60. See Special Provisions.

Cover from the face of concrete to the face of reinforcement bars shall be 2" for surfaces formed against earth and 1 1/2" for all other surfaces unless otherwise shown.

Reinforcement bar bending dimensions are out to out.

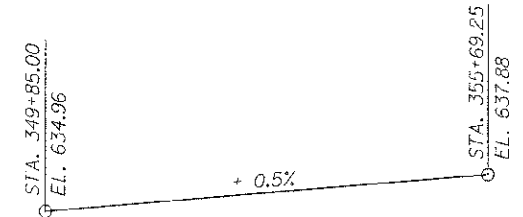
Reinforcement bending details shall be in accordance with "Manual of Standard Practice for Detailing Reinforced Concrete Structures", ACI-315 (latest edition)

CONSTRUCTION

Contractor shall not scale dimensions from the contract plans for construction purposes. Scales shown are for information only.

No construction joints except those shown on the plans will be allowed unless approved by the Engineer.

The maximum designed fill height for the culvert is 8'-0"



**PROFILE GRADE
ALONG EB AND WB PGL**

TOTAL BILL OF MATERIAL		
PAY ITEM DESCRIPTION	UNIT	ESTIMATED QUANTITY
Concrete Box Culverts	CU. YD.	47
Reinforcing Steel, Epoxy Coated	LB.	8,000

FILE NAME: c:\projects\23367381_96th\drawings\contract\structures\culverts\12_BFN NOTES CULVERT 5x3.dgn



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FAX (312) 939-4998

USER NAME = *STB*	DESIGNED - STS/KJZ	REVISED -
PLOT SCALE = 8.333000 "/ IN.	CHECKED - NPP	REVISED -
PLOT DATE = 10/16/2012	DRAWN - SDI	REVISED -
	CHECKED - NPP	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES AND BILL OF MATERIAL

SHEET NO. 2 OF 4 SHEETS

F.A.J. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1644	01-00:81-00-FP	WILL	328	218
CONTRACT NO. 63647			ILLINOIS FED. AID PROJECT	