

Signed: *[Signature]*  
 Date: 8/7/2014  
 License Expires: 11/30/2014

**INDEX OF SHEETS**

1. General Plan and Elevation
2. Cast In Place Culvert Details

**DESIGN STRESSES**

**FIELD UNITS**

$f'_c = 3,500 \text{ psi}$   
 $f_y = 60,000 \text{ psi (Reinforcement)}$

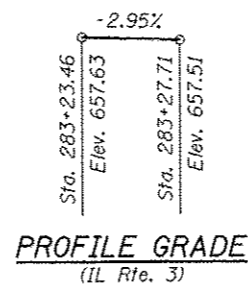
**LOADING HL-93**

**GENERAL NOTES**

Precast alternate is not allowed.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Reinforcement Bars	Pound	3,810
Bar Splicers	Each	21
Concrete Box Culverts	Cu. Yd.	16.3
Traversable Pipe Grate	Foot	18



**GENERAL PLAN & ELEVATION**  
**IL RTE. 3**  
**SECTION 101-2RS-1**  
**JERSEY COUNTY**  
**STATION 283+25**

PRINT DATE: 8/7/2014 11:45:10 AM Y:\14018 ID01 BLA W034 Culvert Replacements\Drawings\Bridge Final\PlotSheet\76789\_281\_28325\_GPE.dgn

**EFK Moen, LLC**  
 Civil Engineering Design  
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USER NAME = cd1	DESIGNED - CMC	REVISED -
PLOT SCALE = 0.1667' / 1"	CHECKED - CTW	REVISED -
PLOT DATE = 8/7/2014	DRAWN - JAA	REVISED -
	DATE - 8/7/2014	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GENERAL PLAN AND ELEVATION**  
**4'x2' BOX CULVERT - STA. 283+25**  
 SHEET NO. 1 OF 4 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	101-2RS-1	JERSEY	438	281
* 749/752			CONTRACT NO. 76789	
[ILLINOIS] FED. AID PROJECT				