

<u>General Notes</u>

See 'Precast Box Culvert End Sections' for end section details. The design reinforcement for a 3 foot rise shall be used for A_{sim}

The design reinforcement areas for the Precast Concrete Box Culverts shall conform to those found in Table 1 of the AASHTO M 259 Specification for a 5' \times 3' box section with a design fill height of 3.7

The joints between precast box sections shall be sealed, all voids filled with a mastic joint sealer. In addition, the joints shall be externally sealed on all four sides with a 13 inch wide external sealing band. The seal shall be centered over the joint, secured in place and protected during the backfilling process.

All dimensions are in FEET (') - INCHES (") unless otherwise noted.

Drawings not to scale.

TOTAL BILL OF MATERIAL

I+em	Unit	Total
Precast Concrete Box Culverts 5'x3'	Foot	40
Box Culvert End Sections C#02	Each	1
Grated Box Culvert End Sections C#02	Each	1

GENERAL PLAN AND ELEVATION 5'x3' PRECAST BOX CULVERT F.A.P. ROUTE 315 - SECTION 121BR-2 MCLEAN COUNTY STATION 431+93.38

FILE NAME = DESIGNED - BJH 5/26/2011 REVISED USER NAME = hoganbj c:\pw_work\pwidot\hoganbj\d0142533\D570\$52-sht-culvert_CR_1300.CEL DRAWN - BJH 5/26/2011 REVISED CHECKED REVISED PLOT DATE = 8/22/2011 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

Upstream Downstream

672.97 672.68

Design Scour Elevation Table

Design Scour Elevation (ft

GENERAL PLAN AND ELEVATION FIELD ENTRANCE BOX CULVERT STA 431+93.38 SHEET NO. 1 OF 1 SHEETS STA. ___

LOCATION SKETCH

SCALE: _

SECTION COUNTY MCLEAN 144 87 315 121BR-2 CONTRACT NO. 70552