

FILE NAME =	USER NAME = bucklesjj	DESIGNED -	REVISED -		G	ENERAL PLAN AND ELEVATION CULVERT #11	F.A.P. SECTION	COUNTY TOTAL SHEET
c:\pw_work\pwidot\bucklesjj\d0170848\D5	0507-sht-details.dgn	DRAWN -	REVISED -	STATE OF ILLINOIS	STA. 573 + 49.96 S.N. 057–8210(P)		315 *	MCLEAN 115 59
	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			*(101,102X,RS-2 & 55RS-PRK LN	CONTRACT NO. 70507
	PLOT DATE = 12/9/2009	DATE -	REVISED -		SCALE:	SHEET NO. 1 OF 1 SHEETS STA. TO STA.	ILLINOIS FED. A	ID PROJECT

<u>General Notes</u>

End Sections will be paid for at the contract unit price per each for BOX CULVERT END SECTIONS, as outlined in Section 540 of the Standard Specifications.

The design fill height for this box is less than 2 feet. The Precast Concrete Box Culvert Sections shall conform to the requirements of AASHTO M 273. The design reinforcement areas shall conform to those found in Table 1 of the AASHTO M273 specification for an 8' x 4' box section.

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.

 Six inches of bedding beneath the box culvert are included in the cost of the Box Culvert.
The additional 12 inches of undercut is paid for seperately as STONE RIPRAP, CLASS A-1 (TON) (1.8 TONS/CU.YD.), which price shall include the removal and disposal of unsuitable material.

All dimensions are in FEET (') - INCHES (") unless otherwise noted. Drawings not to scale.

Drain holes shall be provided in accordance with Article 503.11 of the Standard

Item	Unit	Total
Precast Concrete Box Culverts 8'x3'	Foot	48
Box Culvert End Sections, Culvert No. 6	Each	2
Name Plates	Each	1
Culverts to be Grouted	CuYd	14.5
Permanent Benchmark	Each	1
Stone Riprap, Class A-1	Ton	53.2
Remove Box Culvert End Section	Each	2
Porous Granular Embankment	CuYd	115.0
Structure Excavation	CuYd	103.7

TOTAL BILL OF MATERIAL

GENERAL PLAN AND ELEVATION 8'x3' PRECAST BOX CULVERT F.A.P. ROUTE 315 - SECTION (101, 102X)R.RS-2 MCLEAN COUNTY, STATION 573+30 CULVERT NO. 11 - SN 057-8210(P)