

			CONTRACT	NO. 70	623		
	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEET NO.		
<u>ral Notes</u>	808	•	**	715	275		
s of headwalls parallel to the grade lines.		*	(205,57,105) CHAMPAIGN	RS-2 & DOUC	LAS		
ruction joints shall be bonded according to Article 503.09 of the Standard itions.							
ement bars shall conform to the requirements of Provisions.	ASTM	A706 Gr.	(IL Modified	d). Se	е		
should be rounded and conform to the requireme Specifications.	nts of	Article 100	06.10 of th	e			
ping sheets of welded wire fabric, the overlap measured between the outermost res of each fabric sheet shall not be less than 8"							
tions will be paid for at the contract unit price per each for BOX CULVERT END IS, as outlined in Section 540 of the Standard Specifications.							
Concrete shall be used throughout.							
, Rebar, and Welded Wire Fabric quantities and lengths calculated for the place End Sections may vary based on the precast box culverts supplied.							
les shall be provided in accordance with Article tions.	503.11	of the Star	ndard				
east manufacturer shall design and detail a connection/construction joint between ast concrete box sections and the cast-in-place apron and wingwall. The minimum reinforcement passing through these construction joints shall be 0.20 sq. ft. of welded wire fabric. The design shall be detailed in the shop drawings. of the connection is included in the cost of the end section.							
culvert end section shall be built in the field and a precast option is not except the cut-off wall may be precast. If the contractor elects to use a precast wall, shop drawings and a proposed construction sequence shall be submitted to the for approval.							
s of the precast box sections adjacent to the en and female shapes specified in Article 8.1 of Ar	d sect ASHTO	ion shall be M273, Se	e formed w ee Section	ithout D-D oi	n		
gn fill height for this box is less than 2 feet. shall conform to the requirements of AASHTO M	The Pr 273.	ecast Conc	rete Box C	Culvert			
is between precast box sections shall be sealed, ler. In addition, the joints shall be externally se wide external sealing band. The seal shall be ce d protected during the backfilling process.	all voi aled o ntered	ds filled wi n all four s over the j	th a mastic sides with a oint, secure	c a ed in			
sions are in FEET (′) - INCHES (") unless other	wise n	oted.					
not to scale. <u>TOTAL BILL OF MATERIAL</u>							
			., –				

Item	Unit	Total
Removal of Existing Structures	Each	1
Precast Concrete Box Culverts 10'x2'	Foot	48
Box Culvert End Sections	Each	2
Name Plates	Each	1

SHEET 1 OF 6

GENERAL PLAN AND ELEVATION SINGLE 10'x2' PRECAST BOX CULVERT F.A.P. ROUTE 808 - SECTION (205,57,105)RS-2 CHAMPAIGN COUNTY STATION 2237+60.00, S.N. 010-8138 CULVERT NO. 12