

	CONTRACT NO. 70623						
	F.A.P. RTE.		SECTIO	N	COUNTY		SHEE NO.
	808		•		**	715	28
<u>General Notes</u>					205,57,105) HAMPAIGN		AS
Build tops of headwalls parallel to the grade lines.							
All construction joints shall be bonded according to Al Specifications.	rticle s	503	8.09 o	f the	Standard		
Reinforcement bars shall conform to the requirements Special Provisions.	of AS	ТM	A 706	5 Gr.	(IL Modifi	ed). See	;
All bars should be rounded and conform to the require Standard Specifications.	ements	of	Artic	cle 10	106.10 of t	he	
When lapping sheets of welded wire fabric, the overlap cross wires of each fabric sheet shall not be less the		ure	ed bet	ween	the outeri	most	
End Sections will be paid for at the contract unit pric SECTIONS, as outlined in Section 540 of the Standard					X CULVERT	T END	
Class SI Concrete shall be used throughout.							
Concrete, Rebar, and Welded Wire Fabric quantities an cast-in-place End Sections may vary based on the pre							
Drain holes shall be provided in accordance with Artic Specifications.	le 503	5.11	of th	e Sto	ındard		
The precast manufacturer shall design and detail a co the precast concrete box sections and the cast-in-pla area of reinforcement passing through these construct in./lineal ft. of welded wire fabric. The design shall The cost of the connection is included in the cost of	ice api tion jo be det	ron inte aile	and s shall ed in t	wingv I be the s	vall. The 1 0.20 sq.	minimum	
The box culvert end section shall be built in the field allowed except the cut-off wall may be precast. If th cut-off wall, shop drawings and a proposed construct. Engineer for approval.	he con	tra	ctor e	elects	to use a		
The ends of the precast box sections adjacent to the the male and female shapes specified in Article 8.1 of Sheet 3.							
The design fill height for this box is less than 2 feet Sections shall conform to the requirements of AASHT(recasi	⁺ Con	crete Box	Culvert	
The joints between precast box sections shall be seak joint sealer. In addition, the joints shall be externally 13 inch wide external sealing band. The seal shall be place and protected during the backfilling process.	seale	d C	on all	four	sides with	a	
All dimensions are in FEET (') - INCHES (") unless of	herwis	e I	noted.				
Drawings not to scale.							

TOTAL BILL OF MATERIAL

Item	Unit	Total	
Removal of Existing Structures	Each	1	
Precast Concrete Box Culverts 8'x4'	Foot	88	
Box Culvert End Sections	Each	2	
Name Plates	Each	1	
Storm Sewer Protected, Class A 12"	Foot	28	
Storm Sewer Protected, Class A 15"	Foot	4	
Concrete Collar	Cu Yd	0.5	

SHEET 1 OF 6

GENERAL PLAN AND ELEVATION DOUBLE 8'x4' PRECAST BOX CULVERT F.A.P. ROUTE 808 - SECTION (205,57,105)RS-2 CHAMPAIGN COUNTY STATION 2264+91.00, S.N. 010-8137 CULVERT NO. 13