

			CONTR	ACT	NO. 70	0113
F.A.P. RTE.	F.A.P. SECTION RTE. 323 (149,150)RS-3		COUNTY		TOTAL SHEETS	SHEET NO.
323			EDGAR		83	41
STA. TO STA.						
FED. RO	AD DIST. NO.	ILLINO	NOIS FED. AID I		PROJECT	

NOTES

701+41.00	4
BY	
ILLINOIS	
EC. (149.150)RS-3	
S 20-44	
023-2017	
	-6

- Concrete and Rebar quantities and lengths calculated for the cast-in-place End Sections will vary based on the precast box culverts supplied.
- End Sections will be paid for at the contract unit price each for BOX CULVERT END SECTION, as outlined in Art, 540.08, which prices shall include all concrete, rebar, and all other items necessary to complete the proposed work.
- Drain holes shall be provided in accordance with Art. 503.12.
- Voids between the Precast Concrete Box Culvert and the Cast-in-place toewall / cutoff wall shall be filled with Non-shrink arout.
- Drawings not to scale.

BILL OF MATERIAL (ONE END SECTION)

Bar	No.	Size	1	Chang	
			Length	Shape	
d d	16	#4	2′-8" 3′-6"		
d1(E)	16	#4	3'-6"		
			07/ 11/		
h I	7	#4	23'-11"		
hı İ	16	#4	7'-0"		
h2	2	#4	7'-1"		
h3	4	#4	9"		
<u>h</u> 4	4	#4	1'-2"		
		#0	10/ 0/		
S	4	#6	18'-0"	I	
v (E)	0	#4	5'-1"		
v (E) v ₁ (E)	2 2 2 2 2 2 2 2 2 2 2	#4	5'-3"		
V2(E)	2	#4	5'-5"		
V3(E)	2	#4	5'-7"		
V4(E)	2	#4	5′-9″		
V5(E)	2	#4	5'-11"		
V6(E)	2	#4	6'-1"		
v7(E)	2	#4	6'-3"		
v ₈ (E)	4	#6	7'-3"		
v9(E)	4	#6	7'-0"		
	,				
w	12	#5	7'-0"		
Ζ	18	#5	7'-2"		
Concrei	te/End	Section	Cu. Yd.	10.0	
Reinforcement Bars,			Pound		
Ероху	Coated		round	141.0	
	cement		Pound	560.0	
	ion Boli		Each	16.0	
TOTAL BILL OF MATERIALS					

Item	Unit	Qty.
Box Culvert End Section Culvert No. 1	Each	2.0
Name Plate	Each	1.0

SHEET 7 OF 7

DRAWING NOT TO SCALE

ILLINOIS DEPARTMENT OF TRANSPORTATION DETAIL OF BOX CULVERT END SECTION (CAST IN PLACE) FAP ROUTE 323 (US 36) SECTION (149,150)RS-3 EDGAR COUNTY SCALE: NOT TO SCALE DRAWN BY: JMS DATE: 06/12/2008 CHECKED BY