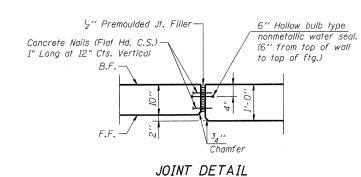
### 2-#6h<sub>14</sub>Bars Top & Bott. EI. 714.09 #4h<sub>11</sub> Bars @ 12" Cts. ≠5v<sub>12</sub> Bars @ 10" Cts. #4v 11 Bars @ 4' Cts.--#4h<sub>12</sub> Bars @ 2' Cts. n<sub>II</sub>,n<sub>I2</sub> Alternating – #4t<sub>l2</sub> Bars @ 8" Cts. #4t<sub>II</sub> Bars @ 8" Cts. Const. Joint -El. 700.84 El. 699.34 4'-3" Point of Max. -Soil Pressure 2,912 Lb/Ft<sup>2</sup> 7'-7" SECTION B-B

# STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



Cost Included with

"Box Culvert End Sections"

## SECTION C-C

– #4s<sub>II</sub> Bars **©** 12" Cts. \*

— #5h<sub>13</sub> Bars

@ 12" Cts.

— #5v <sub>13</sub> Bars © 12" Cts.

Precast Section missing for clarity.

\* Drill and epoxy grout bars 8 inches into precast box section in accordance with section 584 of the Standard Specifications. Cost included with "Box Culvert End Sections."

# C = 4' - 3'' $BAR n_{11}$ C = 2' - 6'' $BAR n_{12}$ $BAR s_{11}$

#### BILL OF MATERIAL\*\*

Bar	No.	Size	Length	Shape	
וטט				Snupe	
h 11	28	4	9'-3"		
h 12	16	4	9'-3"		
h <sub>13</sub>	4	5	29'-0"		
h 14	4	6	29'-0"		
h 15	10	5	2'-0"		
h 16	20	5	1'-3"		
n <sub>11</sub>	26	5	6'-1"		
n <sub>12</sub>	22	6	4'-3"	C	
5 11	30	4	3'-63 <sub>16"</sub>	П	
† <sub>11</sub>	48	4	9'-3"		
† 12	60	4	7'-4"		
V II	8	4	13'-0"		
V 12	26	5	13'-0"		
V 13	26	5	3'-9"		
V 14	11	5	14'-6"		

\*\* For information use Only. The items in this Table are not to be paid separately, but are to be included in the cost for the pay item "Box Culvert End Sections."

### BILL OF MATERIAL

ITEM	UNIT	TOTAL
Box Culvert End Sections	Each	1

### NORTH BOX CULVERT END SECTION DETAILS II

COLLINS ENGINEERS <sup>2</sup>		SHEET NO.S6	F.A.U RTE.	SECT	TION		COUNTY	TOTAL SHEETS	SHEET NO.
			1321	31T-2		DuPAGE	59	38	
DESIGNED: LDB	CHECKED: JMH	S9 SHEETS	SN: 022-2005		CONTRACT	NO. 60	)A90		
DATE: 11/25/08	DRAWN: DR		FED. RO	AD DIST. NO	ILLINOIS	FED. A	ID PROJECT		