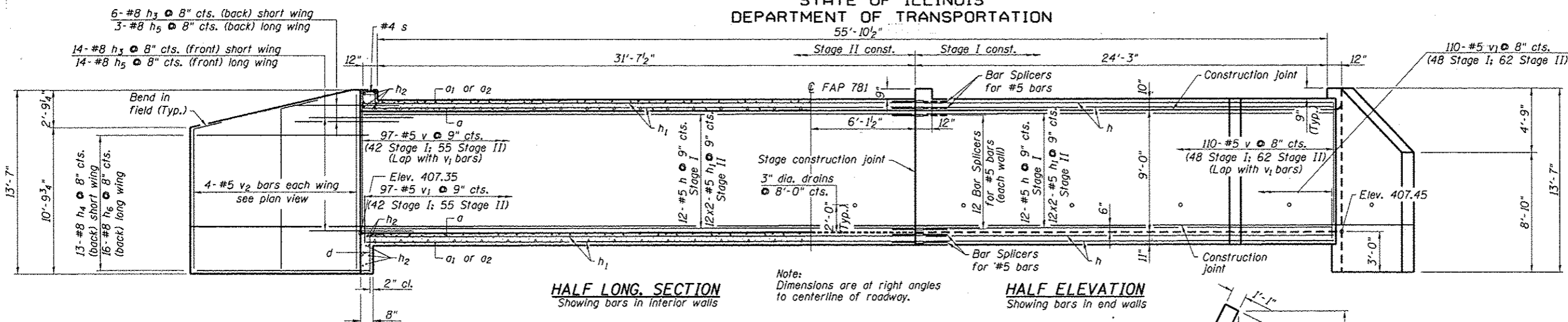


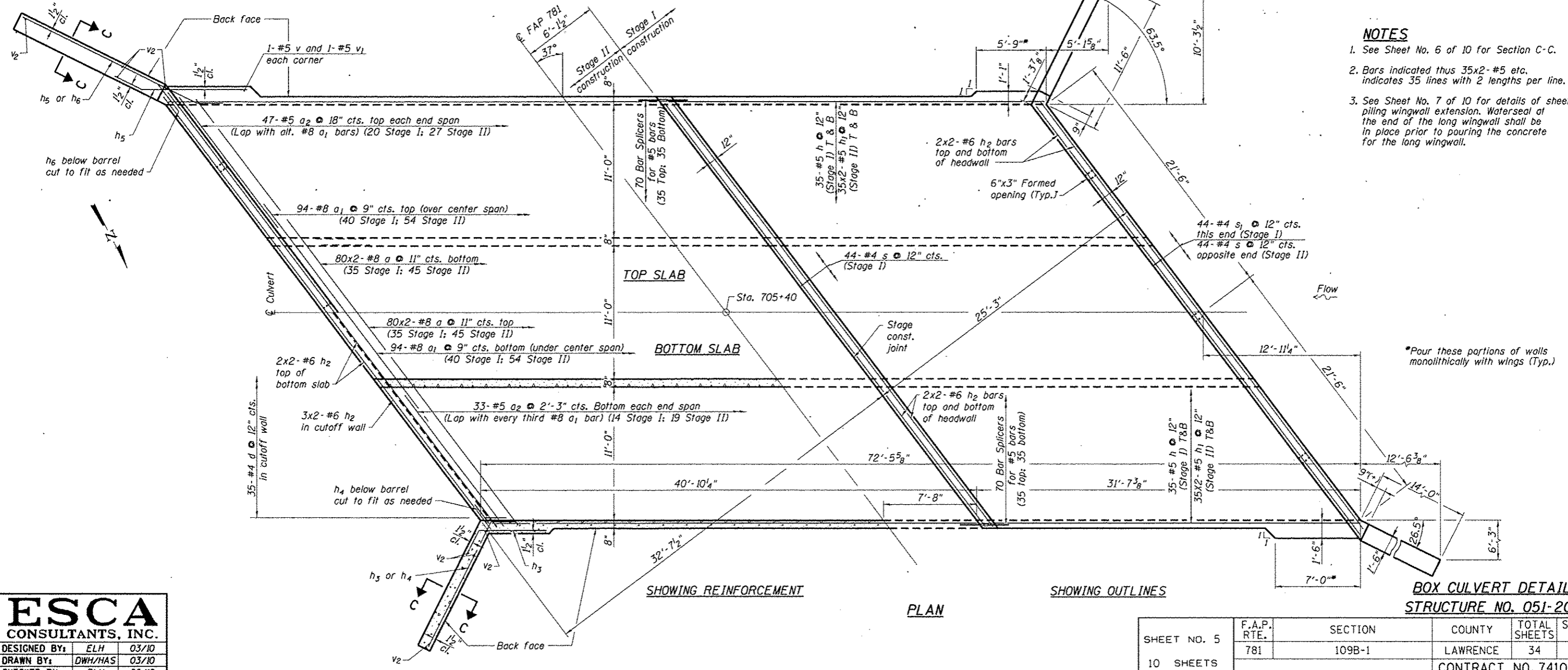
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



**HALF LONG SECTION**  
Showing bars in interior walls

**HALF ELEVATION**  
Showing bars in end walls

Note:  
Dimensions are at right angles  
to centerline of roadway.



SHOWING REINFORCEMENT

PLAN

SHOWING OUTLINES

**NOTES**

1. See Sheet No. 6 of 10 for Section C-C.
2. Bars indicated thus 35x2-#5 etc. indicates 35 lines with 2 lengths per line.
3. See Sheet No. 7 of 10 for details of sheet piling wingwall extension. Waterseal at the end of the long wingwall shall be in place prior to pouring the concrete for the long wingwall.

\*Pour these portions of walls monolithically with wings (Typ.)

**BOX CULVERT DETAILS**  
**STRUCTURE NO. 051-2008**

**ESCA**  
CONSULTANTS, INC.

DESIGNED BY:	ELH	03/10
DRAWN BY:	DWH/HAS	03/10
CHECKED BY:	ELH	06/10
APPROVED BY:	RDP	06/10

SHEET NO. 5 10 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	781	109B-1	LAWRENCE	34	19
CONTRACT NO. 74105					
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			