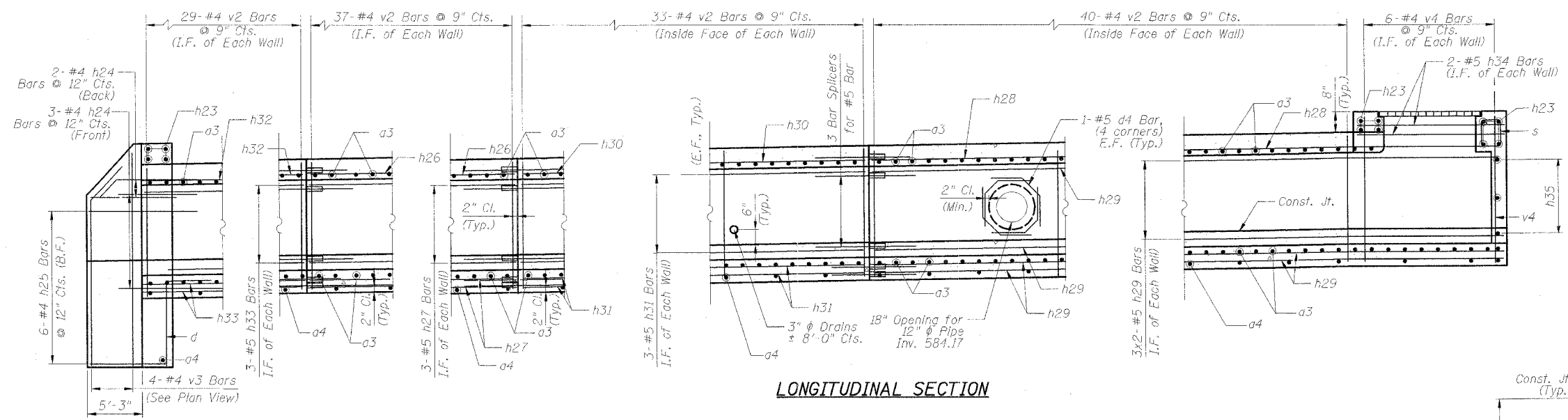
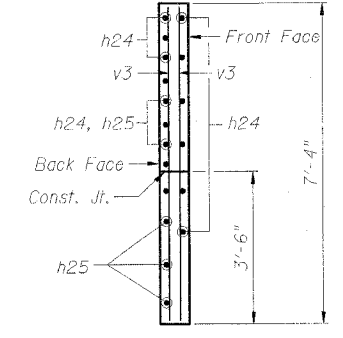


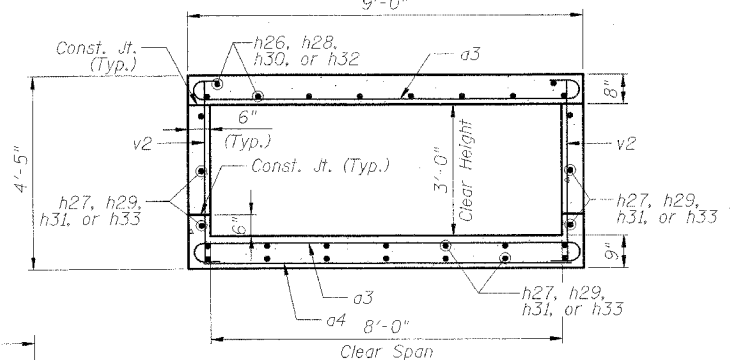
F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	176
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
CONTRACT NO. 66294				



**LONGITUDINAL SECTION**



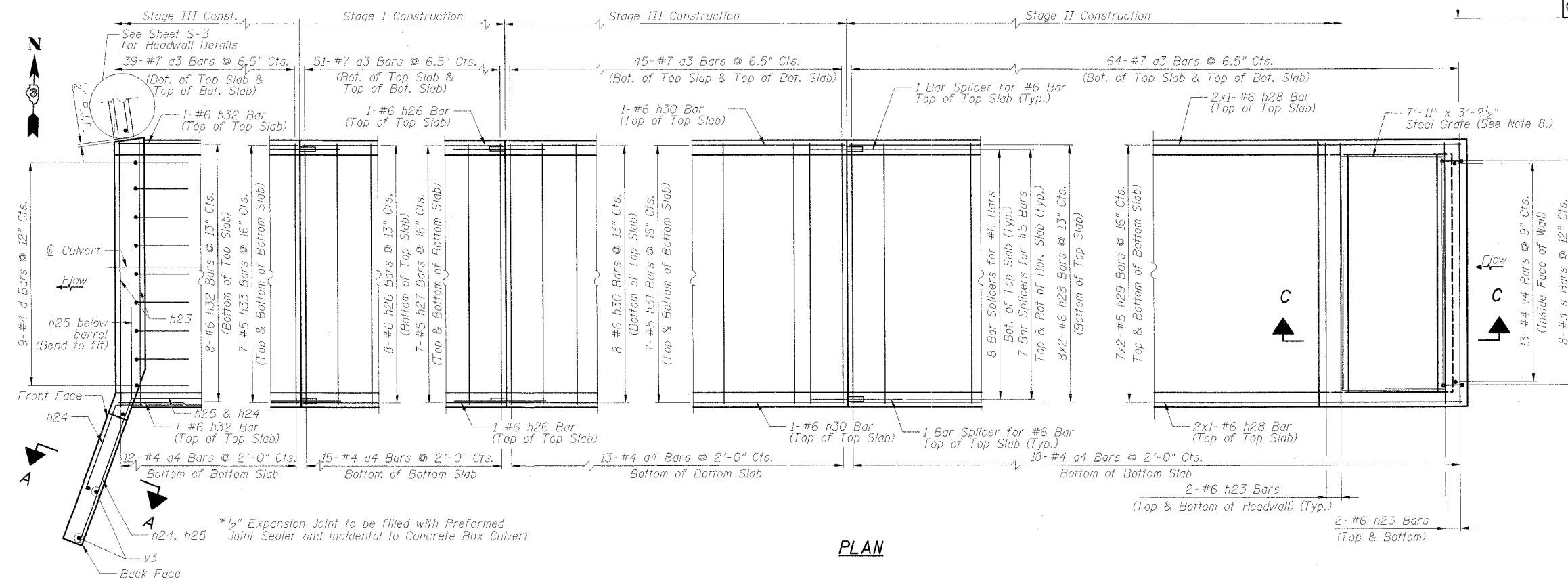
**SECTION A-A**



**SECTION THRU BARREL**

**NOTES:**

1. Work this Sheet with S-3 and S-5 for Adjacent Outlet Headwall and Wingwall Details of 11'x4' Box Culvert.
2. Tilt a3 hook bars if necessary for 1/2" minimum clearance.
3. A distance of half the length of the wingwall but not less than six-feet of the barrel shall be poured monolithically with the wingwalls.
4. Reinforcement Bars shall conform to the requirements of AASHTO M-31, or M-322, Grade 60.
5. Bars indicated thus 12x4-#5 etc. indicates 12 lines of bars with 4 lengths per line.
6. All construction joints shall be bonded.
7. All Structure Excavation and Embankment Fill costs shall be included with Concrete Box Culverts cost.
8. For Steel Grating details, see Sheet S-7 of S-11.
9. For Section C-C, see Sheet S-7 of S-11.



**PLAN**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 FAI ROUTE 80  
 (I-80 AT MINOOKA INTERCHANGE)  
 CULVERT NO. 2  
 8'x3' BOX CULVERT  
 PLAN & ELEVATION DETAILS I

SCALE: None  
 DATE: 2/10/06  
 DRAWN BY: M. Tryon  
 CHECKED BY: A. Yargicoglu

