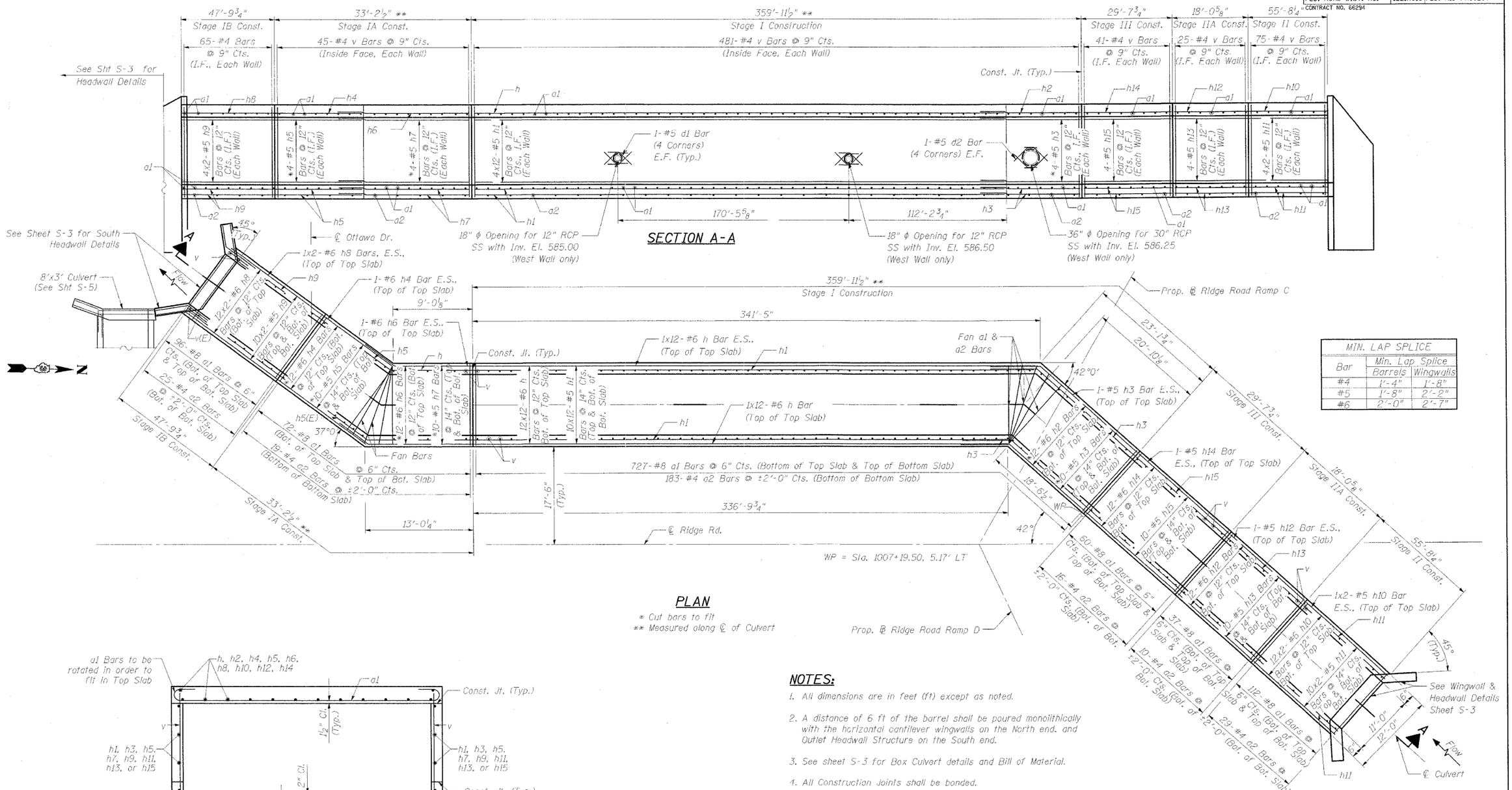
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	(32, 47-4)K	KENDALL/GRUNDY	243	172
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

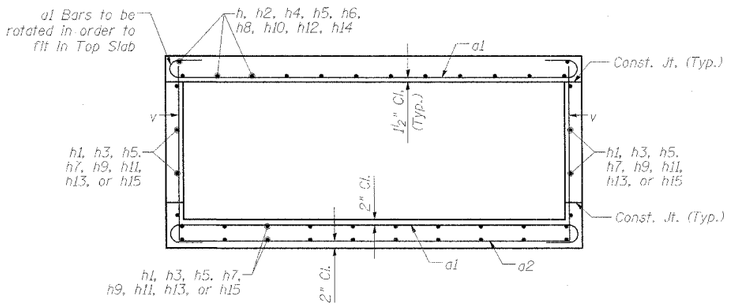
CONTRACT NO. 66294



PLAN

* Cut bars to fit
** Measured along ℄ of Culvert

MIN. LAP SPLICE		
Bar	Min. Lap Splice	
	Barrels	Wingwalls
#4	1'-4"	1'-8"
#5	1'-8"	2'-2"
#6	2'-0"	2'-7"



SECTION THRU BARREL

(Showing Reinforcement)

NOTES:

1. All dimensions are in feet (ft) except as noted.
2. A distance of 6 ft of the barrel shall be poured monolithically with the horizontal cantilever wingwalls on the North end, and Outlet Headwall Structure on the South end.
3. See sheet S-3 for Box Culvert details and Bill of Material.
4. All Construction Joints shall be bonded.
5. E.F. = Each Face, E.S. = Each Side, I.F. = Inside Face, O.F. = Outside Face
6. See Sheet S-4 for Temporary Sheet Piling Details due to staging of construction.
7. 10x12-#5 etc. indicates 10 lines of bars with 12 lengths per line.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

FAI ROUTE 80
(I-80 AT MINOOKA INTERCHANGE)
CULVERT NO. 1
11'x4' CULVERT PLAN & ELEVATION DETAILS

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

PATRICK ENGINEERING INC.
LISLE, ILLINOIS

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