

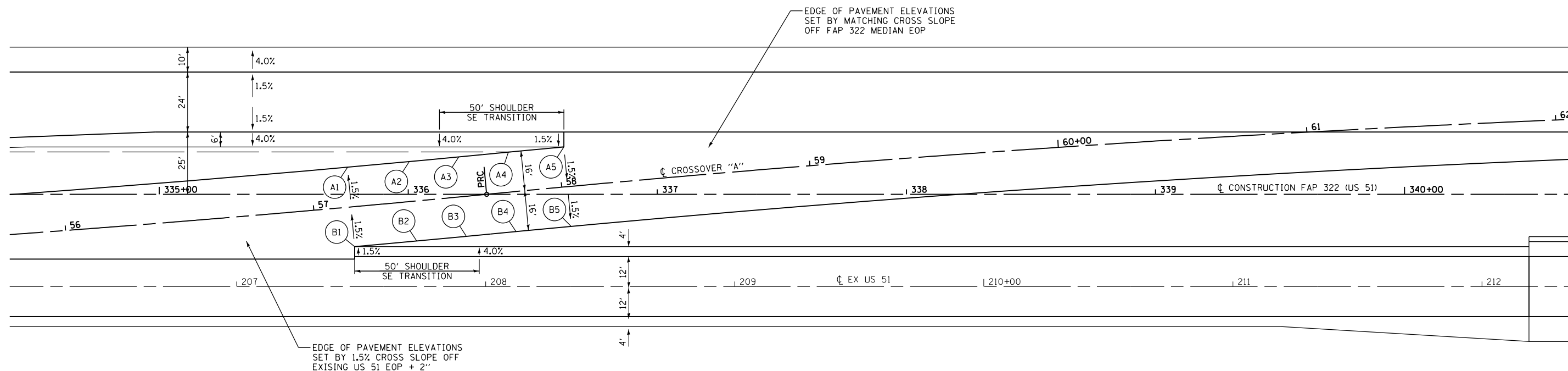
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	141
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

POINT	FAP 322 (US 51)		CROSSOVER "A"		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	335+75.63	10.87 LT	57+15.07	16.00 LT	655.11
A2	336+00.42	13.13 LT	57+40.00	16.00 LT	655.47
A3	336+20.29	15.00 LT	57+60.00	16.00 LT	655.76
A4	336+40.20	16.91 LT	57+80.00	16.00 LT	656.05
A5	336+62.48	19.00 LT	58+02.34	16.00 LT	656.37

**CROSSOVER "A" CURVE #1 DATA**  
 PI STA = 53+85.15  
 = 332+48.10 37.00' RT FAP 322  
 $\Delta = 5^\circ 30' 46''$  (LT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 385.15'$   
 $L = 769.71'$   
 $E = 9.27'$   
 PC STA = 50+00.00  
 = 328+62.95 37.00' RT FAP 322  
 PT STA = 57+69.71  
 = 336+31.47 0.00' RT FAP 322  
 SE TRANSITION:  
 STA 57+15.07 (-1.5%) TO STA 58+02.34 (+1.5%)

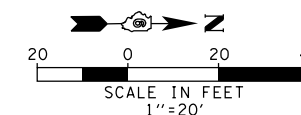
**CROSSOVER "A" CURVE #2 DATA**  
 PI STA = 61+54.87  
 = 340+14.85 37.00' LT FAP 322  
 $\Delta = 5^\circ 30' 46''$  (LT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 385.15'$   
 $L = 769.71'$   
 $E = 9.27'$   
 PC STA = 57+69.71  
 = 336+31.47 0.00' RT FAP 322  
 PT STA = 65+39.42  
 = 344+00.00 37.00' LT FAP 322  
 SE TRANSITION:  
 STA 57+15.07 (-1.5%) TO STA 58+02.34 (+1.5%)

**CROSSOVER "A" SE DATA:**  
 TRANSITION SE:  
 STA 57+15.07 (-1.5%) TO STA 58+02.34 (+1.5%)



POINT	FAP 322 (US 51)		CROSSOVER "A"		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	335+78.49	21.00 RT	57+15.07	16.00 RT	655.59
B2	336+03.37	18.73 RT	57+40.00	16.00 RT	655.67
B3	336+23.32	16.86 RT	57+60.00	16.00 RT	655.74
B4	336+43.23	14.95 RT	57+80.00	16.00 RT	655.81
B5	336+65.43	12.86 RT	58+02.34	16.00 RT	655.89

**NOTES:**  
 ALL STATIONS, OFFSETS, AND ELEVATIONS SHOWN ARE FOR FINAL PAVING.  
 SEE SHEETS 90, 111 & 112 FOR PLAN AND PROFILES.



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 GEOMETRIC DETAILS  
 CROSSOVER "A"  
 FAP 322 (US 51)  
 SECTION 11-13  
 CHRISTIAN COUNTY  
 SCALE: 1"=20'  
 DATE: 07//12  
 DRAWN BY: EBB  
 CHECKED BY:

10/5/2012

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