

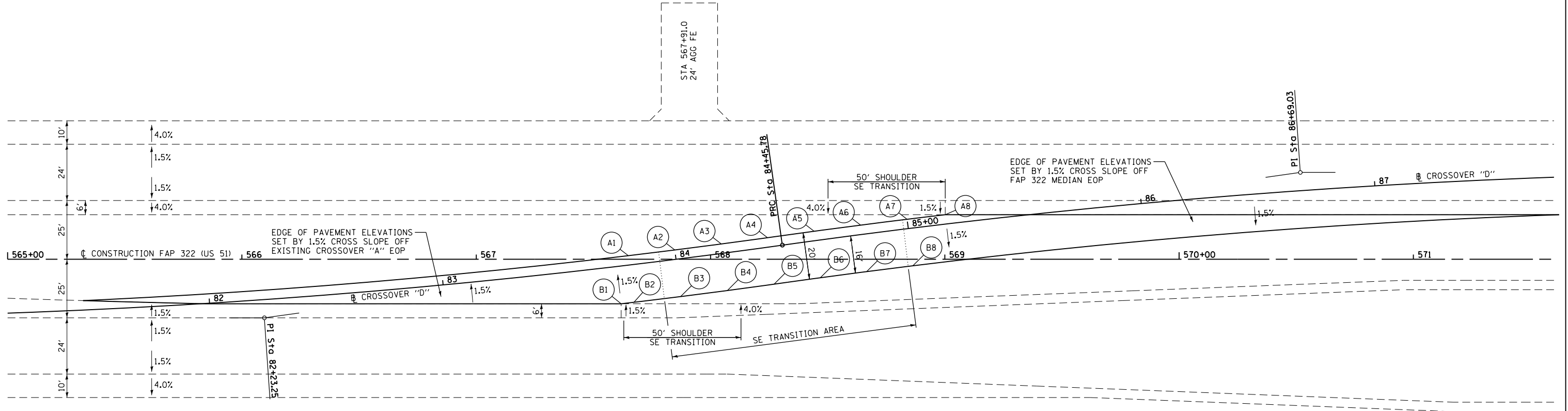
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-13	CHRISTIAN	437	148
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

POINT	FAP 322 (US 51)		CROSSOVER "D"		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
A1	567+64.95	1.51 LT	83+80.00	4.00 LT	641.68
A2	567+84.78	3.94 LT	84+00.00	4.00 LT	641.71
A3	568+04.59	6.49 LT	84+20.00	4.00 LT	641.77
A4	568+24.38	9.16 LT	84+40.00	4.00 LT	641.85
A5	568+44.21	11.91 LT	84+60.00	4.00 LT	641.94
A6	568+64.06	14.54 LT	84+80.00	4.00 LT	642.05
A7	568+83.93	17.04 LT	85+00.00	4.00 LT	642.16
A8	569+00.18	19.00 LT	85+16.35	4.00 LT	642.25

CROSSOVER "D" CURVE #1 DATA  
 PI STA = 82+23.25  
 = 566+09.57 25.00' RT FAP 322  
 $\Delta = 7^\circ 58' 54''$  (LT)  
 $D = 1^\circ 47' 26''$   
 $R = 3,200.00'$   
 $T = 223.25'$   
 $L = 445.78'$   
 $E = 7.78'$   
 $SE = 1.5\%$   
 PC STA = 80+00.00  
 = 563+86.32 25.00' RT FAP 322  
 PRC STA = 84+45.78  
 = 568+30.66 6.00' LT FAP 322

CROSSOVER "D" CURVE #2 DATA  
 PI STA = 86+69.03  
 = 570+51.75 37.00' LT FAP 322  
 $\Delta = 7^\circ 58' 54''$  (RT)  
 $D = 1^\circ 47' 26''$   
 $R = 3,200.00'$   
 $T = 223.25'$   
 $L = 445.78'$   
 $E = 7.76'$   
 $SE = 1.5\%$   
 PRC STA = 84+45.78  
 = 568+30.66 6.00' LT FAP 322  
 PT STA = 88+91.56  
 = 572+75.00 37.00' LT FAP 322

STA 567+91.0  
24' AGG FE



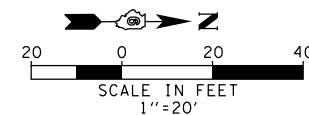
EDGE OF PAVEMENT ELEVATIONS SET BY 1.5% CROSS SLOPE OFF EXISTING CROSSOVER "A" EOP

EDGE OF PAVEMENT ELEVATIONS SET BY 1.5% CROSS SLOPE OFF FAP 322 MEDIAN EOP

CROSSOVER "D" SE DATA:  
 TRANSITION SE (55 MPH):  
 STA 83+93 (+1.5%) TO STA 84+98 (-1.5%)

POINT	FAP 322 (US 51)		CROSSOVER "D"		ELEVATION
	STATION	OFFSET	STATION	OFFSET	
B1	567+61.84	19.00 RT	83+74.51	16.00 RT	641.97
B2	567+67.32	18.35 RT	83+80.00	16.00 RT	641.98
B3	567+87.27	15.91 RT	84+00.00	16.00 RT	641.97
B4	568+07.21	13.34 RT	84+20.00	16.00 RT	641.92
B5	568+27.13	10.65 RT	84+40.00	16.00 RT	641.88
B6	568+46.90	7.91 RT	84+60.00	16.00 RT	641.86
B7	568+66.62	5.30 RT	84+80.00	16.00 RT	641.85
B8	568+86.37	2.81 RT	85+00.00	16.00 RT	641.86

NOTES:  
 ALL STATIONS, OFFSETS, AND ELEVATIONS SHOWN ARE FOR FINAL PAVING.  
 SEE SHEET 76a FOR PLAN AND PROFILES.



REVISIONS	
NAME	DATE
NEW SHEET	12/10

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 GEOMETRIC DETAILS  
 CROSSOVER "D"  
 FAP 322 (US 51)  
 SECTION 11-13  
 CHRISTIAN COUNTY  
 SCALE: 1"=20'  
 DATE 12/03/10  
 DRAWN BY EBB  
 CHECKED BY XXX

10/5/2012

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