

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
322	11-10	CHRISTIAN	310	111
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**SB TRANSITION CURVE #1 DATA:**

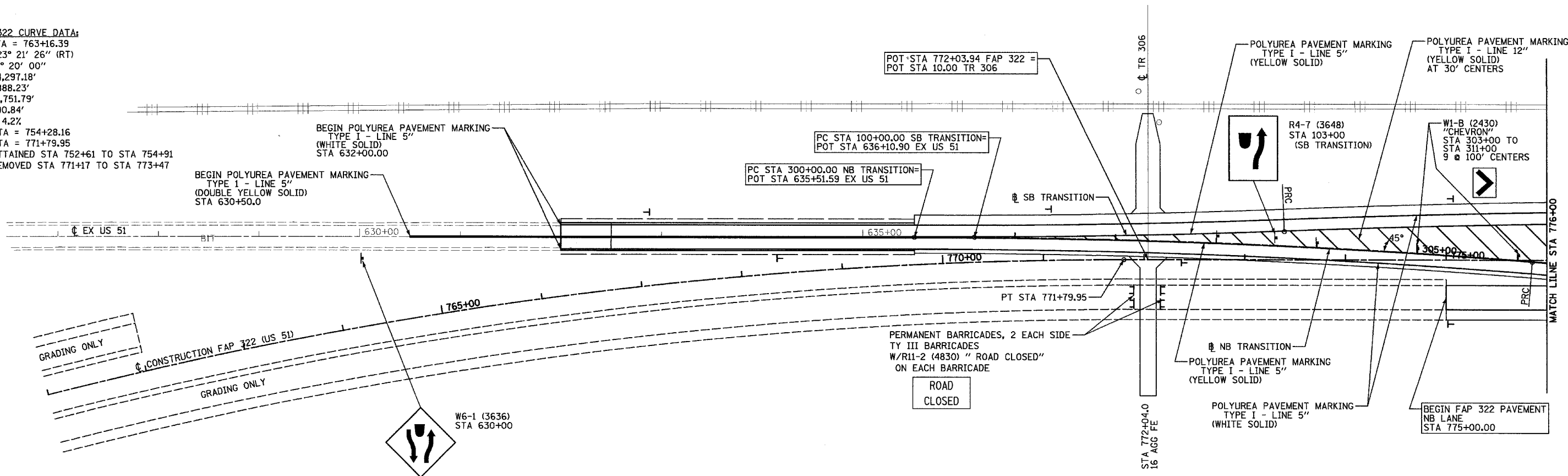
PI STA = 101+54.01  
 = 771+85.44 22.24' LT FAP 322  
 $\Delta = 2^\circ 12' 21''$  (LT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 154.01'$   
 $L = 307.98'$   
 $E = 1.48'$   
 $SE = RC$   
 PC STA = 100+00.00  
 = 770+32.26 24.81' LT FAP 322  
 PRC STA = 103+07.98  
 = 773+39.34 28.16' LT FAP 322

**SB TRANSITION CURVE #2 DATA:**

PI STA = 105+38.40  
 = 775+69.58 37.00' LT FAP 322  
 $\Delta = 2^\circ 12' 00''$  (RT)  
 $D = 0^\circ 28' 39''$   
 $R = 12,000.00'$   
 $T = 230.42'$   
 $L = 460.78'$   
 $E = 2.21'$   
 $SE = NC$   
 PC STA = 103+07.98  
 = 773+39.34 28.16' LT FAP 322  
 PT STA = 107+68.76  
 = 778+00.00 37.00' LT FAP 322

**FAP 322 CURVE DATA:**

PI STA = 763+16.39  
 $\Delta = 23^\circ 21' 26''$  (RT)  
 $D = 1^\circ 20' 00''$   
 $R = 4,297.18'$   
 $T = 888.23'$   
 $L = 1,751.79'$   
 $E = 90.84'$   
 $SE = 4.2\%$   
 PC STA = 754+28.16  
 PT STA = 771+79.95  
 SE ATTAINED STA 752+61 TO STA 754+91  
 SE REMOVED STA 771+17 TO STA 773+47

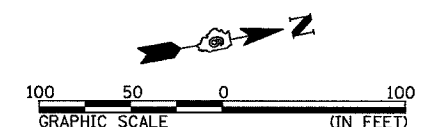


**NB TRANSITION CURVE #1 DATA:**

PI STA = 303+07.33  
 = 772+79.16 22.23' LT FAP 322  
 $\Delta = 4^\circ 23' 60''$  (RT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 307.33'$   
 $L = 614.35'$   
 $E = 5.90'$   
 $SE = NC$   
 PC STA = 300+00.00  
 = 769+73.06 27.27' LT FAP 322  
 PRC STA = 306+14.35  
 = 775+85.58 1.37' RT FAP 322

**NB TRANSITION CURVE #2 DATA:**

PI STA = 309+22.17  
 = 772+79.28 25.00' RT FAP 322  
 $\Delta = 4^\circ 24' 20''$  (LT)  
 $D = 0^\circ 42' 58''$   
 $R = 8,000.00'$   
 $T = 307.72'$   
 $L = 615.13'$   
 $E = 5.92'$   
 $SE = NC$   
 PC STA = 306+14.35  
 = 775+85.58 1.37' RT FAP 322  
 PT STA = 312+29.58  
 = 782+00.00 25.00' RT FAP 322



REVISIONS	
NAME	DATE
CHEVRONS - SEB	4/1/05

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 SIGNING & STRIPING PLANS  
 STA 761+00 TO STA 776+00  
 FAP 322 (US 51)  
 SECTION 11-1  
 CHRISTIAN COUNTY  
 SCALE: 1"=50' DRAWN BY BDJ  
 DATE 3/18/05 CHECKED BY SEB

4/1/2005