

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	11T	CARROLL	79	20
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# EXISTING CONTROL

Curve Data

Curve 1440  
 P.I. Station 1009+97.92 N 2,012,952.14 E 2,342,729.88  
 Delta = 41° 39' 49.66" (LT)  
 Degree = 12° 19' 42.54"  
 Tangent = 176.84'  
 Length = 337.95'  
 Radius = 464.74'  
 External = 32.51'  
 Long Chord = 330.55'  
 Mid. Ord. = 30.38'  
 P.C. Station 1008+21.09 N 2,012,775.36 E 2,342,734.20  
 P.T. Station 1011+59.04 N 2,013,081.33 E 2,342,609.14  
 C.C. N 2,012,764.00 E 2,342,269.60

Curve Data

Curve 1450  
 P.I. Station 1012+72.78 N 2,013,164.44 E 2,342,531.47  
 Delta = 21° 12' 19.38" (LT)  
 Degree = 9° 25' 45.43"  
 Tangent = 113.75'  
 Length = 224.89'  
 Radius = 607.64'  
 External = 10.55'  
 Long Chord = 223.61'  
 Mid. Ord. = 10.37'  
 P.C. Station 1011+59.04 N 2,013,081.33 E 2,342,609.14  
 P.T. Station 1013+83.92 N 2,013,213.82 E 2,342,429.00  
 C.C. N 2,012,666.43 E 2,342,165.20

Course from PT 1450 to PC 1460 295° 43' 51.09" Dist 159.28'

Curve Data

Curve 1460  
 P.I. Station 1016+85.92 N 2,013,344.93 E 2,342,156.95  
 Delta = 23° 11' 27.50" (RT)  
 Degree = 8° 14' 14.67"  
 Tangent = 142.72'  
 Length = 281.53'  
 Radius = 695.56'  
 External = 14.49'  
 Long Chord = 279.61'  
 Mid. Ord. = 14.20'  
 P.C. Station 1015+43.20 N 2,013,282.97 E 2,342,285.52  
 P.T. Station 1018+24.73 N 2,013,452.51 E 2,342,063.17  
 C.C. N 2,013,909.55 E 2,342,587.49

Course from PT 1460 to PC 1470 318° 55' 18.59" Dist 991.01'

Curve Data

Curve 1470  
 P.I. Station 1029+53.42 N 2,014,303.33 E 2,341,321.53  
 Delta = 1° 37' 14.24" (RT)  
 Degree = 0° 35' 18.97"  
 Tangent = 137.68'  
 Length = 275.33'  
 Radius = 9,734.22'  
 External = 0.97'  
 Long Chord = 275.33'  
 Mid. Ord. = 0.97'  
 P.C. Station 1028+15.75 N 2,014,199.55 E 2,341,411.99  
 P.T. Station 1030+91.08 N 2,014,409.63 E 2,341,234.03  
 C.C. N 2,020,595.79 E 2,348,749.78

Equation: Sta 1030+91.08 (BK) = Sta 0+00.00 (AH) -----  
 End Region 1  
 Begin Region 2

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____ DRAWN BY _____ CHECKED BY _____

**HORIZONTAL & VERTICAL CONTROL**

PLOT DATE = Wed Oct 18 15:23:35 2007  
 FILE NAME = c:\projects\10290888\cal\0808hvc.dgn  
 USER NAME = csheney