

Chain IL2 contains:
 CUR RT2-3 CUR RT2-4 CUR RT2-5 CUR 2-6 CUR 2-7 CUR RT2-8 CUR RT2-9
 CUR-RT2-10

Beginning chain IL2 description

Course from P.T. STA. = 331+85.12 to P.T. STA. = 436+11.00

Curve Data

Curve RT2-3

P.I. Station 329+53.17 N 2,032,237.88 E 2,582,668.24
 Delta = 14° 16' 58.33" (RT)
 Degree = 3° 03' 46.14"
 Tangent = 234.38'
 Length = 466.33'
 Radius = 1,870.69'
 External = 14.63'
 Long Chord = 465.12'
 Mid. Ord. = 14.51'
 P.C. Station 327+18.79 N 2,032,010.89 E 2,582,726.64
 P.T. Station 331+85.12 N 2,032,472.26 E 2,582,667.65
 C.C. N 2,032,477.02 E 2,584,538.33

Course from PT RT2-3 to PC RT2-4 N 0° 08' 44.18" W Dist 547.39'

Curve Data

Curve RT2-4

P.I. Station 341+57.59 N 2,033,444.72 E 2,582,665.17
 Delta = 36° 55' 09.56" (RT)
 Degree = 4° 29' 58.00"
 Tangent = 425.08'
 Length = 820.53'
 Radius = 1,273.40'
 External = 69.07'
 Long Chord = 806.41'
 Mid. Ord. = 65.52'
 P.C. Station 337+32.51 N 2,033,019.65 E 2,582,666.26
 P.T. Station 345+53.04 N 2,033,785.21 E 2,582,919.65
 C.C. N 2,033,022.89 E 2,583,939.65

Course from PT RT2-4 to PC RT2-5 N 36° 46' 25.38" E Dist 1,535.74'

Curve Data

Curve RT2-5

P.I. Station 363+19.16 N 2,035,199.88 E 2,583,976.95
 Delta = 23° 19' 27.76" (LT)
 Degree = 5° 07' 59.93"
 Tangent = 230.38'
 Length = 454.37'
 Radius = 1,116.16'
 External = 23.53'
 Long Chord = 451.24'
 Mid. Ord. = 23.04'
 P.C. Station 360+88.78 N 2,035,015.35 E 2,583,839.03
 P.T. Station 365+43.16 N 2,035,423.94 E 2,584,030.53
 C.C. N 2,035,683.54 E 2,582,944.98

Course from PT RT2-5 to PC 2-6 N 13° 26' 57.62" E Dist 729.26'

Curve Data

Curve 2-6

P.I. Station 373+24.82 N 2,036,184.16 E 2,584,212.33
 Delta = 13° 39' 40.47" (RT)
 Degree = 13° 05' 51.99"
 Tangent = 52.40'
 Length = 104.30'
 Radius = 437.45'
 External = 3.13'
 Long Chord = 104.06'
 Mid. Ord. = 3.10'
 P.C. Station 372+72.42 N 2,036,133.20 E 2,584,200.14
 P.T. Station 373+76.72 N 2,036,230.81 E 2,584,236.21
 C.C. N 2,036,031.46 E 2,584,625.59

Course from PT 2-6 to PC 2-7 N 27° 06' 38.21" E Dist 1,223.81'

Curve Data

Curve 2-7

P.I. Station 386+70.40 N 2,037,382.35 E 2,584,825.75
 Delta = 16° 09' 41.44" (LT)
 Degree = 11° 38' 33.09"
 Tangent = 69.87'
 Length = 138.81'
 Radius = 492.12'
 External = 4.94'
 Long Chord = 138.35'
 Mid. Ord. = 4.89'
 P.C. Station 386+00.53 N 2,037,320.15 E 2,584,793.91
 P.T. Station 387+39.34 N 2,037,450.95 E 2,584,839.02
 C.C. N 2,037,544.42 E 2,584,355.86

Course from PT 2-7 to PC RT2-8 N 10° 56' 56.42" E Dist 1,433.53'

Curve Data

Curve RT2-8

P.I. Station 402+22.50 N 2,038,907.11 E 2,585,120.73
 Delta = 4° 52' 49.64" (LT)
 Degree = 4° 55' 09.76"
 Tangent = 49.63'
 Length = 99.21'
 Radius = 1,164.70'
 External = 1.06'
 Long Chord = 99.18'
 Mid. Ord. = 1.06'
 P.C. Station 401+72.87 N 2,038,858.38 E 2,585,111.30
 P.T. Station 402+72.08 N 2,038,956.47 E 2,585,125.97
 C.C. N 2,039,079.60 E 2,583,967.81

Course from PT RT2-8 to PC RT2-9 N 6° 04' 06.78" E Dist 1,402.48'

Curve Data

Curve RT2-9

P.I. Station 417+41.43 N 2,040,417.59 E 2,585,281.31
 Delta = 21° 58' 20.81" (RT)
 Degree = 16° 37' 55.85"
 Tangent = 66.88'
 Length = 132.11'
 Radius = 344.49'
 External = 6.43'
 Long Chord = 131.30'
 Mid. Ord. = 6.31'
 P.C. Station 416+74.56 N 2,040,351.09 E 2,585,274.24
 P.T. Station 418+06.67 N 2,040,476.61 E 2,585,312.75
 C.C. N 2,040,314.67 E 2,585,616.80

Course from PT RT2-9 to PC RT2-10 N 28° 02' 27.59" E Dist 1,681.44'

Curve Data

Curve RT2-10

P.I. Station 435+50.44 N 2,042,015.69 E 2,586,132.51
 Delta = 23° 40' 42.32" (RT)
 Degree = 19° 16' 00.38"
 Tangent = 62.34'
 Length = 122.90'
 Radius = 297.38'
 External = 6.46'
 Long Chord = 122.03'
 Mid. Ord. = 6.33'
 P.C. Station 434+88.11 N 2,041,960.67 E 2,586,103.20
 P.T. Station 436+11.00 N 2,042,054.31 E 2,586,181.44
 C.C. N 2,041,820.87 E 2,586,365.67

Ending chain IL2 description

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL AND VERTICAL CONTROL		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -				742	(32, 33) R-1	WINNEBAGO	705	93
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -		SCALE: NTS		SHEET NO. 7 OF 19 SHEETS		STA.	TO STA.	
	PLOT DATE = #DATE#	DATE -	REVISED -		CONTRACT NO. 64821						