

Chain PIL2 contains:
 CUR 70240 CUR 70250 CUR 70260 CUR 70270 CUR 7028-
 0 CUR 70290 CUR 70310

Beginning chain PIL2 description

 PT 70230 - N 2,032,472.2622 E 2,582,667.6463 STA 331+85.13
 Course from PT 70230 to PC 70240 N 0° 08' 44.18" W Dist 547.3892'

Curve Data
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Curve 70240

P.I. Station 341+57.59 N 2,033,444.7241 E 2,582,665.1750
 Delta = 36° 55' 09.56" (RT)
 Degree = 4° 29' 58.00"
 Tangent = 425.0758'
 Length = 820.5304'
 Radius = 1,273.3964'
 External = 69.0744'
 Long Chord = 806.4086'
 Mid. Ord. = 65.5203'
 P.C. Station 337+32.52 N 2,033,019.6497 E 2,582,666.2552
 P.T. Station 345+53.05 N 2,033,785.2124 E 2,582,919.6493
 C.C. N 2,033,022.8858 E 2,583,939.6475

Course from PT 70240 to PC 70250 N 36° 46' 25.38" E Dist 1,550.8746'

Curve Data
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Curve 70250

P.I. Station 363+10.32 N 2,035,192.8016 E 2,583,971.6538
 Delta = 23° 19' 27.76" (LT)
 Degree = 5° 43' 46.48"
 Tangent = 206.4019'
 Length = 407.0872'
 Radius = 1,000.0000'
 External = 21.0787'
 Long Chord = 404.2821'
 Mid. Ord. = 20.6436'
 P.C. Station 361+03.92 N 2,035,027.4724 E 2,583,848.0900
 P.T. Station 365+11.01 N 2,035,393.5431 E 2,584,019.6599
 C.C. N 2,035,626.1286 E 2,583,047.0839

Course from PT 70250 to PC 70260 N 13° 26' 57.62" E Dist 672.2622'

Curve Data
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Curve 70260

P.I. Station 372+93.06 N 2,036,154.1516 E 2,584,201.5547
 Delta = 16° 39' 24.81" (RT)
 Degree = 7° 38' 21.97"
 Tangent = 109.7935'
 Length = 218.0382'
 Radius = 750.0000'
 External = 7.9938'
 Long Chord = 217.2712'
 Mid. Ord. = 7.9095'
 P.C. Station 371+83.27 N 2,036,047.3691 E 2,584,176.0183
 P.T. Station 374+01.31 N 2,036,249.1336 E 2,584,256.6276
 C.C. N 2,035,872.9300 E 2,584,905.4503
 Equation: Sta 374+01.31 (BK) = Sta 374+01.04 (AH)
 Point 70263 N 2,036,249.1336 E 2,584,256.6276 Sta 374+01.04
 Course from PT 70263 to PC 70270 N 30° 06' 22.43" E Dist 658.6903'

Curve Data
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Curve 70270

P.I. Station 384+47.86 N 2,037,154.7371 E 2,584,781.7192
 Delta = 19° 09' 26.02" (LT)
 Degree = 2° 29' 28.04"
 Tangent = 388.1329'
 Length = 769.0204'
 Radius = 2,300.0000'
 External = 32.5195'
 Long Chord = 765.4432'
 Mid. Ord. = 32.0661'
 P.C. Station 380+59.73 N 2,036,818.9645 E 2,584,587.0299
 P.T. Station 388+28.75 N 2,037,535.8046 E 2,584,855.4393
 C.C. N 2,037,972.6556 E 2,582,597.3070

Course from PT 70270 to PC 70280 N 10° 56' 56.42" E Dist 1,347.0953'

Curve Data
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Curve 70280

P.I. Station 402+25.48 N 2,038,907.1092 E 2,585,120.7275
 Delta = 4° 52' 49.64" (LT)
 Degree = 4° 55' 09.76"
 Tangent = 49.6344'
 Length = 99.2088'
 Radius = 1,164.6958'
 External = 1.0571'
 Long Chord = 99.1788'
 Mid. Ord. = 1.0562'
 P.C. Station 401+75.84 N 2,038,858.3783 E 2,585,111.3001
 P.T. Station 402+75.05 N 2,038,956.4654 E 2,585,125.9747
 C.C. N 2,039,079.5950 E 2,583,967.8057

Course from PT 70280 to PC 70290 N 6° 04' 06.78" E Dist 1,402.4826'

Curve Data
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Curve 70290

P.I. Station 417+44.41 N 2,040,417.5896 E 2,585,281.3127
 Delta = 21° 58' 20.81" (RT)
 Degree = 16° 37' 55.85"
 Tangent = 66.8756'
 Length = 132.1080'
 Radius = 344.4875'
 External = 6.4313'
 Long Chord = 131.3000'
 Mid. Ord. = 6.3134'
 P.C. Station 416+77.54 N 2,040,351.0887 E 2,585,274.2427
 P.T. Station 418+09.64 N 2,040,476.6148 E 2,585,312.7511
 C.C. N 2,040,314.6701 E 2,585,616.7998

Course from PT 70290 to PC 70310 N 28° 02' 27.59" E Dist 1,681.4382'

Curve Data
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Curve 70310

P.I. Station 435+53.42 N 2,042,015.6922 E 2,586,132.5062
 Delta = 23° 40' 42.32" (RT)
 Degree = 19° 16' 00.38"
 Tangent = 62.3386'
 Length = 122.8977'
 Radius = 297.3813'
 External = 6.4636'
 Long Chord = 122.0250'
 Mid. Ord. = 6.3261'
 P.C. Station 434+91.08 N 2,041,960.6714 E 2,586,103.2006
 P.T. Station 436+13.98 N 2,042,054.3118 E 2,586,181.4412
 C.C. N 2,041,820.8715 E 2,586,365.6728

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 Ending chain PIL2 description

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|-------------|------------------------|------------|-----------|-----------------------------------------------------------|--------------------------------------------|--|--------------------------|--------------|--------------|-----------------|--------------------|--|
| 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. | |
| *FILEL\$ | | DRAWN - | REVISED - | | | | 742 | (32, 33) R-1 | WINNEBAGO | 705 | 94 | |
| | PLOT SCALE = \$SCALE\$ | CHECKED - | REVISED - | | SCALE: NTS | | SHEET NO. 8 OF 19 SHEETS | | STA. TO STA. | | CONTRACT NO. 64821 | |
| | PLOT DATE = \$DATE\$ | DATE - | REVISED - | | ILLINOIS FED. AID PROJECT | | | | | | | |