

HORIZONTAL VERTICAL CONTROL SHEETS

Curve Data

Curve 1730

P.I. Station 427+35.88 N 2,051,814.899000 E 2,339,139.363200
 Delta = 33° 40' 22.266972" (LT)
 Degree = 5° 32' 39.112001"
 Tangent = 312.730000'
 Length = 607.353007'
 Radius = 1,033.436789'
 External = 46.281531'
 Long Chord = 598.650002'
 Mid. Ord. = 44.297698'
 P.C. Station 424+23.15 N 2,051,550.087731 E 2,338,973.005017
 P.T. Station 430+30.50 N 2,052,127.516742 E 2,339,130.984644
 C.C. N 2,052,099.829253 E 2,338,097.918818

Course from PT 1730 to 310 N 1° 32' 06.838204" W Dist 3,790.419771'
 Point 310 N 2,055,916.575900 E 2,339,029.433000 Sta 468+20.92
 Course from 310 to 311 N 1° 45' 45.228584" W Dist 4,281.863276'
 Point 311 N 2,060,196.413300 E 2,338,897.732800 Sta 511+02.78
 Course from 311 to 312 N 1° 32' 38.801357" W Dist 892.618332'
 Point 312 N 2,061,088.707500 E 2,338,873.679800 Sta 519+95.40
 Course from 312 to 313 N 1° 19' 24.032624" W Dist 2,138.497273'
 Point 313 N 2,063,226.634400 E 2,338,824.292000 Sta 541+33.90
 Course from 313 to 314 N 1° 17' 40.759565" W Dist 1,769.264556'
 Point 314 N 2,064,995.447300 E 2,338,784.317100 Sta 559+03.16
 Course from 314 to PC 1790 N 1° 29' 49.925298" W Dist 839.031397'

Curve Data

Curve 1790

P.I. Station 569+52.67 N 2,066,044.590400 E 2,338,756.895600
 Delta = 38° 55' 59.883951" (RT)
 Degree = 9° 37' 20.145049"
 Tangent = 210.470000'
 Length = 404.616908'
 Radius = 595.450181'
 External = 36.102302'
 Long Chord = 396.877229'
 Mid. Ord. = 34.038537'
 P.C. Station 567+42.20 N 2,065,834.192254 E 2,338,762.394786
 P.T. Station 571+46.81 N 2,066,211.710269 E 2,338,884.835313
 C.C. N 2,065,849.750249 E 2,339,357.641681

Course from PT 1790 to PC 1800 N 37° 26' 09.958654" E Dist 1,170.600301'

Curve Data

Curve 1800

P.I. Station 586+15.34 N 2,067,377.770000 E 2,339,777.520000
 Delta = 37° 03' 07.242165" (LT)
 Degree = 6° 26' 39.864702"
 Tangent = 297.930000'
 Length = 574.948362'
 Radius = 889.077626'
 External = 48.590391'
 Long Chord = 564.982259'
 Mid. Ord. = 46.072414'
 P.C. Station 583+17.41 N 2,067,141.204111 E 2,339,596.415430
 P.T. Station 588+92.36 N 2,067,675.693306 E 2,339,779.517188
 C.C. N 2,067,681.653281 E 2,338,890.459539

Course from PT 1800 to 319 N 0° 23' 02.716489" E Dist 5,002.188289'

Point 319 N 2,072,677.769200 E 2,339,813.049600 Sta 638+94.55

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 Ending chain IL78 description

Chain WILL.BL contains:

Beginning chain WILL.BL description
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Point 60000 N 2,030,026.823692 E 2,332,436.286803 Sta 40+00.00
 Course from 60000 to PC 60210 N 77° 15' 08.784987" E Dist 14.366469'

Curve Data

Curve 60210

P.I. Station 40+31.31 N 2,030,033.733465 E 2,332,466.829651
 Delta = 12° 53' 34.139971" (RT)
 Degree = 38° 11' 49.870832"
 Tangent = 16.948232'
 Length = 33.753315'
 Radius = 150.000000'
 External = 0.954439'
 Long Chord = 33.682148'
 Mid. Ord. = 0.948404'
 P.C. Station 40+14.37 N 2,030,029.993738 E 2,332,450.299163
 P.T. Station 40+48.12 N 2,030,033.690498 E 2,332,483.777829
 C.C. N 2,029,883.690980 E 2,332,483.397547

Course from PT 60210 to 60003 S 89° 51' 17.074195" E Dist 709.495340'

Point 60003 N 2,030,031.891776 E 2,333,193.270889 Sta 47+57.62

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 Ending chain WILL.BL description

Chain BETH.BL contains:

60004 CUR 60200 60007

Beginning chain BETH.BL description
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Point 60004 N 2,035,033.018175 E 2,330,879.250217 Sta 82+00.00
 Course from 60004 to PC 60200 S 56° 45' 34.326463" E Dist 559.244419'

Curve Data

Curve 60200

P.I. Station 88+59.52 N 2,034,671.497965 E 2,331,430.860355
 Delta = 20° 39' 57.151032" (LT)
 Degree = 10° 25' 02.692045"
 Tangent = 100.278595'
 Length = 198.378162'
 Radius = 550.000000'
 External = 9.066898'
 Long Chord = 197.304571'
 Mid. Ord. = 8.919852'
 P.C. Station 87+59.24 N 2,034,726.466083 E 2,331,346.989605
 P.T. Station 89+57.62 N 2,034,649.666272 E 2,331,528.733608
 C.C. N 2,035,186.473648 E 2,331,648.474331

Course from PT 60200 to 60007 S 77° 25' 31.477234" E Dist 42.377414'

Point 60007 N 2,034,640.440268 E 2,331,570.094533 Sta 90+00.00

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 Ending chain BETH.BL description

FILE NAME =	USER NAME = hensonke	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORIZONTAL VERTICAL CONTROL SHEETS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\pw_work\NP\DOT\HENSONKE\dms33697\08	707HVC.DGN	DRAWN -	REVISED -			642	(10,11)T	JO DAVIESS	283	41	
	PLOT SCALE = 3200.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 64D07					
	PLOT DATE = Tue Sep 30 14:00:35 2008	DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT	