

HORIZONTAL & VERTICAL CONTROL

APPARENT PROPERTY CORNERS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
702	2051806.0869	2596597.0063	736.0077	251NBPGL	593+96.2306	187.3842' RT	PROPERTY CORNER, PIN
703	2051818.6605	2596496.1188	733.1184	251NBPGL	593+61.4644	91.8452' RT	PROPERTY CORNER, PIN

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
251NBPGL	250	250	251	252	253
251NBPGL	260	260	261	262	263

Chain 251SBPGL contains:
1122 CUR 240

Beginning chain 251SBPGL description
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Point 1122 N 2,051,056.2987 E 2,596,021.3950 Sta 584+66.6526
Course from 1122 to PC 240 20° 14' 14.3902" Dist 1,527.0929'

Curve Data

Curve 240
P.I. Station 602+09.0524 N 2,052,691.1364 E 2,596,624.1078
Delta = 21° 31' 40.3199" (LT)
Degree = 5° 03' 32.4119"
Tangent = 215.3068'
Length = 425.5357'
Radius = 1,132.5507'
External = 20.2841'
Long Chord = 423.0370'
Mid. Ord. = 19.9272'
P.C. Station 599+93.7455 N 2,052,489.1209 E 2,596,549.6311
P.T. Station 604+19.2813 N 2,052,906.3886 E 2,596,619.2586
C.C. N 2,052,880.8811 E 2,595,486.9952

Ending chain 251SBPGL description
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Chain 251NBPGL contains:
CUR 250 CUR 260 1143

Beginning chain 251NBPGL description
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Curve Data

Curve 250
P.I. Station 585+43.2048 N 2,051,130.4642 E 2,596,040.7736
Delta = 11° 00' 35.0159" (RT)
Degree = 1° 52' 34.6897"
Tangent = 294.2950'
Length = 586.7777'
Radius = 3,053.6533'
External = 14.1485'
Long Chord = 585.8754'
Mid. Ord. = 14.0833'
P.C. Station 582+48.9098 N 2,050,847.6984 E 2,595,959.2077
P.T. Station 588+35.6875 N 2,051,392.4486 E 2,596,174.8396
C.C. N 2,050,001.3571 E 2,598,893.2330

Course from PT 250 to PC 260 27° 06' 01.1650" Dist 735.8736'

Curve Data

Curve 260
P.I. Station 598+89.3010 N 2,052,330.3861 E 2,596,654.8131
Delta = 28° 14' 53.2770" (LT)
Degree = 4° 32' 14.8262"
Tangent = 317.7399'
Length = 622.5550'
Radius = 1,262.7303'
External = 39.3628'
Long Chord = 616.2689'
Mid. Ord. = 38.1728'
P.C. Station 595+71.5611 N 2,052,047.5308 E 2,596,510.0668
P.T. Station 601+94.1161 N 2,052,648.0622 E 2,596,648.4483
C.C. N 2,052,622.7675 E 2,595,385.9713

Course from PT 260 to 1143 358° 51' 07.8880" Dist 258.9191'

Point 1143 N 2,052,906.9293 E 2,596,643.2617 Sta 604+53.0352

Ending chain 251NBPGL description
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FILE NAME =	USER NAME = goff,jl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FOREST HILLS RD OVER IL 251 HORIZONTAL & VERTICAL CONTROL	F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\goff,jl\dms41857\021446	5-shit-HVC.dgn	DRAWN -	REVISED -			•	1-HBR & 1-2HB-D	WINNEBAGO	216	28
	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -		SCALE:					
	PLOT DATE = Tue Aug 31 10:25:01 2010	DATE -	REVISED -		SHEET NO.	OF	SHEETS	STA.	TO	STA.
										ILLINOIS FED. AID PROJECT CONTRACT NO. 64B79