

HORIZONTAL & VERTICAL CONTROL

Curve Data

Curve 12500220

P.I. Station 2638+44.9111 N 2,024,959.0023 E 2,616,203.2328
 Delta = 50° 40' 59.9974" (LT)
 Degree = 0° 59' 59.9204"
 Tangent = 2,713.5185'
 Length = 5,068.4453'
 Radius = 5,729.7047'
 External = 610.0665'
 Long Chord = 4,904.8015'
 Mid. Ord. = 551.3607'
 P.C. Station 2611+31.3927 N 2,024,928.1461 E 2,613,489.8897
 P.T. Station 2661+99.8380 N 2,027,077.7469 E 2,617,898.5510
 C.C. N 2,030,657.4803 E 2,613,424.7356

Course from PT 12500220 to PC 12500230 38° 39' 54.4533" Dist 5,141.9331'

Curve Data

Curve 12500230

P.I. Station 2724+10.2751 N 2,031,926.9234 E 2,621,778.6304
 Delta = 17° 40' 00.0918" (LT)
 Degree = 0° 49' 59.9338"
 Tangent = 1,068.5040'
 Length = 2,120.0498'
 Radius = 6,875.6452'
 External = 82.5297'
 Long Chord = 2,111.6613'
 Mid. Ord. = 81.5508'
 P.C. Station 2713+41.7711 N 2,031,092.6239 E 2,621,111.0638
 P.T. Station 2734+61.8209 N 2,032,924.4683 E 2,622,161.5207
 C.C. N 2,035,388.3037 E 2,615,742.4855

Course from PT 12500230 to 1251002 20° 59' 54.3615" Dist 2,817.0876'

Point 1251002 N 2,035,554.4738 E 2,623,171.0027 Sta 2762+78.9085

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 Ending chain I39.D2 description

FILE NAME =	USER NAME = dssdd	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-39 HORIZONTAL & VERTICAL CONTROL	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pwork\PIWIDOT\DOSSDD\0149531\0205829-shs-HVC.dgn		DRAWN -	REVISED -			39	(103-1, 103-2)RS	LEE	313	77	
	PLOT SCALE = 5000.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 64E97					
	PLOT DATE = Fri Mar 26 07:23:54 2010	DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.