

Curve Data

Curve A044260  
 P.I. Station 1663+42.3295 N 1,935,280.2225 E 2,608,218.1716  
 Delta = 12° 06' 53.7080" (LT)  
 Degree = 0° 24' 00.0045"  
 Tangent = 1,520.0276'  
 Length = 3,028.7202'  
 Radius = 14,323.9000'  
 External = 80.4256'  
 Long Chord = 3,023.0812'  
 Mid. Ord. = 79.9765'  
 P.C. Station 1648+22.3019 N 1,933,788.3207 E 2,607,927.1168  
 P.T. Station 1678+51.0221 N 1,936,799.9822 E 2,608,189.6340  
 C.C. N 1,936,531.0599 E 2,593,868.2586  
 Course from PT A044260 to PC 02702200 358° 55' 27.2789" Dist 22,165.3864'

Curve Data

Curve 02702200  
 P.I. Station 1914+60.8180 N 1,960,405.6167 E 2,607,746.3748  
 Delta = 7° 41' 30.9930" (RT)  
 Degree = 0° 15' 59.9999"  
 Tangent = 1,444.4094'  
 Length = 2,884.4788'  
 Radius = 21,485.9200'  
 External = 48.4961'  
 Long Chord = 2,882.3132'  
 Mid. Ord. = 48.3869'  
 P.C. Station 1900+16.4085 N 1,958,961.4619 E 2,607,773.4926  
 P.T. Station 1929+00.8873 N 1,961,840.4068 E 2,607,912.7964  
 C.C. N 1,959,364.8467 E 2,629,255.6257  
 Course from PT 02702200 to PC 02702210 6° 36' 58.2719" Dist 2,049.3662'

Curve Data

Curve 02702210  
 P.I. Station 1966+12.2389 N 1,965,527.0417 E 2,608,340.4101  
 Delta = 21° 53' 01.2877" (LT)  
 Degree = 0° 39' 59.3348"  
 Tangent = 1,661.9854'  
 Length = 3,283.4637'  
 Radius = 8,596.7497'  
 External = 159.1798'  
 Long Chord = 3,263.5421'  
 Mid. Ord. = 156.2859'  
 P.C. Station 1949+50.2535 N 1,963,876.1247 E 2,608,148.9198  
 P.T. Station 1982+33.7172 N 1,967,130.3705 E 2,607,902.7662  
 C.C. N 1,964,866.6231 E 2,599,609.4223  
 Course from PT 02702210 to PC 02702220 344° 43' 56.9842" Dist 700.5475'

Curve Data

Curve 02702220  
 P.I. Station 2006+95.5160 N 1,969,505.2847 E 2,607,254.5107  
 Delta = 13° 59' 11.3347" (RT)  
 Degree = 0° 23' 56.5602"  
 Tangent = 1,761.2512'  
 Length = 3,504.9930'  
 Radius = 14,358.2430'  
 External = 107.6185'  
 Long Chord = 3,496.2969'  
 Mid. Ord. = 106.8178'  
 P.C. Station 1989+34.2647 N 1,967,806.1935 E 2,607,718.2939  
 P.T. Station 2024+39.2577 N 1,971,266.0958 E 2,607,215.1358  
 C.C. N 1,971,587.0915 E 2,621,569.7903  
 Course from PT 02702220 to 1251220 358° 43' 08.3189" Dist 4,961.8655'  
 Point 1251220 N 1,976,226.7211 E 2,607,104.2074 Sta 2074+01.1232  
 Course from 1251220 to 1251230 358° 42' 47.2167" Dist 12,433.2331'  
 Point 1251230 N 1,988,656.8182 E 2,606,824.9759 Sta 2198+34.3562  
 Course from 1251230 to 1251240 358° 43' 25.9716" Dist 11,067.4536'  
 Point 1251240 N 1,999,721.5269 E 2,606,578.4967 Sta 2309+01.8099  
 Course from 1251240 to PC 125001200 358° 43' 14.5408" Dist 15,579.6486'

Curve Data

Curve 125001200  
 P.I. Station 2482+69.5493 N 2,017,084.9373 E 2,606,190.7438  
 Delta = 50° 10' 10.5362" (RT)  
 Degree = 1° 29' 59.8803"  
 Tangent = 1,788.0908'  
 Length = 3,344.7137'  
 Radius = 3,819.8033'  
 External = 397.7986'  
 Long Chord = 3,238.8809'  
 Mid. Ord. = 360.2788'  
 P.C. Station 2464+81.4585 N 2,015,297.2922 E 2,606,230.6648  
 P.T. Station 2498+26.1722 N 2,018,260.6120 E 2,607,537.9845  
 C.C. N 2,015,382.5733 E 2,610,049.5160  
 Course from PT 125001200 to PC 12500200 48° 53' 25.0769" Dist 1,267.3440'

Curve Data

Curve 12500200  
 P.I. Station 2523+70.4014 N 2,019,933.4499 E 2,609,454.9393  
 Delta = 48° 02' 44.7033" (LT)  
 Degree = 1° 59' 59.8406"  
 Tangent = 1,276.8852'  
 Length = 2,402.3407'  
 Radius = 2,864.8524'  
 External = 271.6768'  
 Long Chord = 2,332.5705'  
 Mid. Ord. = 248.1449'  
 P.C. Station 2510+93.5162 N 2,019,093.8942 E 2,608,492.8675  
 P.T. Station 2534+95.8569 N 2,021,210.1964 E 2,609,473.7601  
 C.C. N 2,021,252.4232 E 2,606,609.2189  
 Course from PT 12500200 to 12500210 0° 50' 40.3736" Dist 3,673.2929'  
 Point 12500210 N 2,024,883.0902 E 2,609,527.9030 Sta 2571+69.1497  
 Course from 12500210 to PC 12500220 89° 20' 54.4507" Dist 3,962.2429'

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

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

Ending chain I39.D2 description

FILE NAME =	USER NAME = stringerjm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-39 HORIZONTAL &amp; VERTICAL CONTROL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cd:\pw_work\PWIDOT\STRINGERJM\dms840271\200309-HVC.sht.dgn	PLOT SCALE = 12500.0000' / IN.	DRAWN -	REVISED -		39	(141-1M-1)	OGLE	82	11	CONTRACT NO. 64E60		
PLOT DATE = Fri Jan 23 09:50:59 2009	DATE -	CHECKED -	REVISED -		SCALE:	SHEET NO. 11 OF 82 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -									