

Chain IL5 contains:
1100 CUR 250 CUR 260 CUR 270 CUR 280 CUR 290 CUR 300 1176

Beginning chain IL5 description

Point 1100 N 1,754,944.9037 E 2,231,072.5537 Sta 534+46.8720

Course from 1100 to PC 250 359° 52' 47.9441" Dist 1,034.7371'

Curve Data

Curve 250
P.I. Station 549+77.0455 N 1,756,475.0738 E 2,231,069.3485
Delta = 1° 59' 54.7637" (RT)
Degree = 0° 12' 06.1773"
Tangent = 495.4364'
Length = 990.7723'
Radius = 28,404.1931'
External = 4,3205'
Long Chord = 990.7221'
Mid. Ord. = 4.3198'
P.C. Station 544+81.6091 N 1,755,979.6385 E 2,231,070.3863
P.T. Station 554+72.3814 N 1,756,970.2439 E 2,231,085.5892
C.C. N 1,756,039.1358 E 2,259,474.5171

Course from PT 250 to PC 260 1° 52' 42.7078" Dist 1,613.4868'

Curve Data

Curve 260
P.I. Station 575+61.0511 N 1,759,057.7911 E 2,231,154.0572
Delta = 1° 59' 39.7146" (LT)
Degree = 0° 12' 35.5449"
Tangent = 475.1829'
Length = 950.2698'
Radius = 27,300.1400'
External = 4,1352'
Long Chord = 950.2218'
Mid. Ord. = 4.1345'
P.C. Station 570+85.8682 N 1,758,582.8636 E 2,231,138.4804
P.T. Station 580+36.1380 N 1,759,532.9730 E 2,231,153.0965
C.C. N 1,759,477.7802 E 2,203,853.0123

Course from PT 260 to PC 270 359° 53' 02.9932" Dist 1,683.6866'

Curve Data

Curve 270
P.I. Station 609+15.7479 N 1,762,412.5770 E 2,231,147.2748
Delta = 51° 52' 35.2857" (RT)
Degree = 2° 19' 49.0802"
Tangent = 1,195.9232'
Length = 2,226.1712'
Radius = 2,458.7297'
External = 275.4218'
Long Chord = 2,150.9065'
Mid. Ord. = 247.6774'
P.C. Station 597+19.8246 N 1,761,216.6562 E 2,231,149.6926
P.T. Station 619+45.9958 N 1,763,152.7915 E 2,232,086.5910
C.C. N 1,761,221.6270 E 2,233,608.4173

Course from PT 270 to PC 280 51° 45' 38.2789" Dist 1,716.2712'

Curve Data

Curve 280
P.I. Station 640+15.0780 N 1,764,433.4462 E 2,233,711.7139
Delta = 24° 08' 20.4545" (LT)
Degree = 3° 28' 20.8973"
Tangent = 352.8110'
Length = 695.1537'
Radius = 1,650.0000'
External = 37.2983'
Long Chord = 690.0239'
Mid. Ord. = 36.4736'
P.C. Station 636+62.2670 N 1,764,215.0745 E 2,233,434.6049
P.T. Station 643+57.4207 N 1,764,746.0469 E 2,233,875.2878
C.C. N 1,765,511.0370 E 2,232,413.3404

Course from PT 280 to PC 290 27° 37' 17.8244" Dist 2,520.2883'

Curve Data

Curve 290
P.I. Station 674+45.6719 N 1,767,482.3261 E 2,235,307.0948
Delta = 16° 54' 33.3664" (RT)
Degree = 1° 29' 58.1580"
Tangent = 567.9629'
Length = 1,127.6692'
Radius = 3,821.0220'
External = 41.9809'
Long Chord = 1,123.5813'
Mid. Ord. = 41.5246'
P.C. Station 668+77.7090 N 1,766,979.0946 E 2,235,043.7700
P.T. Station 680+05.3782 N 1,767,887.2113 E 2,235,705.4036
C.C. N 1,765,207.5528 E 2,238,429.3052

Course from PT 290 to PC 300 44° 31' 51.1908" Dist 6,651.1064'

Curve Data

Curve 300
P.I. Station 758+94.7784 N 1,773,511.3478 E 2,241,238.1900
Delta = 46° 45' 16.2257" (RT)
Degree = 2° 00' 00.3542"
Tangent = 1,238.2939'
Length = 2,337.6104'
Radius = 2,864.6481'
External = 256.1820'
Long Chord = 2,273.2902'
Mid. Ord. = 235.1526'
P.C. Station 746+56.4845 N 1,772,628.6021 E 2,240,369.7823
P.T. Station 769+94.0949 N 1,773,483.5698 E 2,242,476.1723
C.C. N 1,770,619.6426 E 2,242,411.9112

Course from PT 300 to 1176 91° 17' 07.4165" Dist 5,039.1820'

Point 1176 N 1,773,370.5285 E 2,247,514.0862 Sta 820+33.2769

Ending chain IL5 description

Chain IL84 contains:
50 CUR 200 CUR 210 CUR 220 CUR 230 55

Beginning chain IL84 description

Point 50 N 1,759,807.7403 E 2,235,058.9118 Sta 90+74.9326

COURSE FROM 50 TO PC 200 338° 15' 14.5175" DIST 2,733.2845'

Curve Data

Curve 200
P.I. Station 122+84.8904 N 1,762,789.2635 E 2,233,869.6479
Delta = 45° 02' 31.1001" (LT)
Degree = 4° 59' 02.3109"
Tangent = 476.6733'
Length = 903.7359'
Radius = 1,149.6000'
External = 94.9070'
Long Chord = 880.6437'
Mid. Ord. = 87.6693'
P.C. Station 118+08.2171 N 1,762,346.5124 E 2,234,046.2516
P.T. Station 127+11.9530 N 1,762,977.1373 E 2,233,431.5602
C.C. N 1,761,920.5947 E 2,232,978.4621

COURSE FROM PT 200 TO PC 210 293° 12' 43.4174" DIST 1,285.7143'

Curve Data

Curve 210
P.I. Station 144+38.0015 N 1,763,657.4341 E 2,231,845.2311
Delta = 4° 05' 48.0782" (RT)
Degree = 0° 27' 55.3597"
Tangent = 440.3342'
Length = 880.2932'
Radius = 12,311.6726'
External = 7.8719'
Long Chord = 880.1057'
Mid. Ord. = 7.8669'
P.C. Station 139+97.6673 N 1,763,483.8828 E 2,232,249.9213
P.T. Station 148+77.9605 N 1,763,859.4529 E 2,231,453.9734
C.C. N 1,774,798.9550 E 2,237,102.3870

COURSE FROM PT 210 TO PC 220 297° 18' 31.4956" DIST 651.3806'

Curve Data

Curve 220
P.I. Station 158+37.6367 N 1,764,299.7382 E 2,230,601.2558
Delta = 12° 14' 48.3473" (LT)
Degree = 1° 59' 37.3567"
Tangent = 308.2956'
Length = 614.2421'
Radius = 2,873.8269'
External = 16.4892'
Long Chord = 613.0736'
Mid. Ord. = 16.3951'
P.C. Station 155+29.3411 N 1,764,158.2967 E 2,230,875.1910
P.T. Station 161+43.5832 N 1,764,379.8560 E 2,230,303.5524
C.C. N 1,761,604.7659 E 2,229,556.7216

COURSE FROM PT 220 TO PC 230 285° 03' 45.1484" DIST 2,613.0626'

Curve Data

Curve 230
P.I. Station 188+34.8211 N 1,765,079.2367 E 2,227,704.7781
Delta = 8° 09' 28.9496" (RT)
Degree = 5° 13' 35.8467"
Tangent = 78.1752'
Length = 156.0862'
Radius = 1,096.2292'
External = 2.7839'
Long Chord = 155.9544'
Mid. Ord. = 2.7769'
P.C. Station 187+56.6458 N 1,765,058.9210 E 2,227,780.2675
P.T. Station 189+12.7321 N 1,765,110.0590 E 2,227,632.9355
C.C. N 1,766,117.4868 E 2,228,065.1481

COURSE FROM PT 230 TO 55 293° 13' 14.0979" DIST 1,512.6757'

Point 55 N 1,765,706.4648 E 2,226,242.7960 Sta 204+25.4078

Ending chain IL84 description

Chain ADCA contains:
50080 CUR ADCA-1 CUR ADCA-2 CUR ADCA-3 CUR ADCA-4 CUR ADCA-5 CUR ADCA-6 CUR AD-
CA-7 CUR ADCA-8 CUR ADCA-9 50081

Beginning chain ADCA description

Point 50080 N 1,763,565.7690 E 2,232,566.4000 Sta 10+00.0000

COURSE FROM 50080 TO PC ADCA-1 234° 46' 43.6594" DIST 810.7439'

Curve Data

Curve ADCA-1
P.I. Station 19+02.9848 N 1,763,044.9863 E 2,231,828.7233
Delta = 15° 00' 48.7354" (RT)
Degree = 8° 11' 06.4009"
Tangent = 92.2409'
Length = 183.4250'
Radius = 700.0000'
External = 6.0513'
Long Chord = 182.9006'
Mid. Ord. = 5.9994'
P.C. Station 18+10.7439 N 1,763,098.1848 E 2,231,904.0777
P.T. Station 19+94.1689 N 1,763,013.1241 E 2,231,742.1601
C.C. N 1,763,670.0369 E 2,231,500.3634

Curve Data

Curve ADCA-2
P.I. Station 20+76.3909 N 1,762,984.7227 E 2,231,664.9992
Delta = 27° 11' 22.4991" (RT)
Degree = 16° 51' 06.1195"
Tangent = 82.2219'
Length = 161.3462'
Radius = 340.0000'
External = 9.8006'
Long Chord = 159.8366'
Mid. Ord. = 9.5260'
P.C. Station 19+94.1689 N 1,763,013.1241 E 2,231,742.1601
P.T. Station 21+55.5151 N 1,762,994.7173 E 2,231,583.3869
C.C. N 1,763,332.1960 E 2,231,624.7160

Curve Data

Curve ADCA-3
P.I. Station 26+12.5556 N 1,763,050.2733 E 2,231,129.7356
Delta = 126° 34' 24.5022" (RT)
Degree = 24° 54' 40.3505"
Tangent = 457.0405'
Length = 508.0985'
Radius = 230.0000'
External = 281.6503'
Long Chord = 410.9030'
Mid. Ord. = 126.6091'
P.C. Station 21+55.5151 N 1,762,994.7173 E 2,231,583.3869
P.T. Station 26+63.6136 N 1,763,381.4945 E 2,231,444.6619
C.C. N 1,763,223.0117 E 2,231,611.3448

Curve Data

Curve ADCA-4
P.I. Station 27+27.1945 N 1,763,427.5721 E 2,231,486.4726
Delta = 19° 14' 45.1200" (RT)
Degree = 15° 16' 43.9483"
Tangent = 63.5809'
Length = 125.9639'
Radius = 375.0000'
External = 5.3519'
Long Chord = 125.3725'
Mid. Ord. = 5.2765'
P.C. Station 26+63.6136 N 1,763,381.4945 E 2,231,444.6619
P.T. Station 27+89.5775 N 1,763,456.6336 E 2,231,545.0232
C.C. N 1,763,123.0987 E 2,231,716.4276

Curve Data

Curve ADCA-5
P.I. Station 31+06.3167 N 1,763,601.4082 E 2,231,826.7394
Delta = 49° 18' 51.3131" (RT)
Degree = 8° 18' 13.4502"
Tangent = 316.7392'
Length = 593.8803'
Radius = 690.0000'
External = 69.2257'
Long Chord = 575.7183'
Mid. Ord. = 62.9138'
P.C. Station 27+89.5775 N 1,763,456.6336 E 2,231,545.0232
P.T. Station 33+83.4578 N 1,763,482.1638 E 2,232,120.1751
C.C. N 1,762,842.9294 E 2,231,860.4073

Curve Data

Curve ADCA-6
P.I. Station 42+22.4585 N 1,763,166.3010 E 2,232,897.4477
Delta = 91° 21' 48.6860" (RT)
Degree = 13° 19' 28.5596"
Tangent = 440.3569'
Length = 685.6756'
Radius = 430.0000'
External = 185.4788'
Long Chord = 615.3045'
Mid. Ord. = 129.5895'
P.C. Station 37+82.1016 N 1,763,332.0844 E 2,232,489.4894
P.T. Station 44+67.7772 N 1,762,762.4031 E 2,232,722.0037
C.C. N 1,762,933.7209 E 2,232,327.6051

ADCA chain description continued:

Curve Data

Curve ADCA-7
P.I. Station 46+82.3143 N 1,762,565.6284 E 2,232,636.5292
Delta = 67° 40' 40.9540" (RT)
Degree = 17° 54' 17.7525"
Tangent = 214.5371'
Length = 377.9855'
Radius = 320.0000'
External = 65.2612'
Long Chord = 356.3913'
Mid. Ord. = 54.2063'
P.C. Station 44+67.7772 N 1,762,762.4031 E 2,232,722.0037
P.T. Station 48+45.7627 N 1,762,569.9607 E 2,232,422.0359
C.C. N 1,762,889.8954 E 2,232,428.4978

Curve Data

Curve ADCA-8
P.I. Station 55+44.1113 N 1,762,584.0627 E 2,231,723.8296
Delta = 127° 35' 32.4654" (RT)
Degree = 16° 48' 15.1278"
Tangent = 698.3486'
Length = 765.3611'
Radius = 343.6880'
External = 434.6514'
Long Chord = 616.7337'
Mid. Ord. = 191.9272'
P.C. Station 48+45.7627 N 1,762,569.9607 E 2,232,422.0359
P.T. Station 56+11.1238 N 1,763,128.6983 E 2,232,160.9370
C.C. N 1,762,913.5786 E 2,232,428.9761

Curve Data

Curve ADCA-9
P.I. Station 56+89.5893 N 1,763,189.8928 E 2,232,210.0497
Delta = 11° 51' 59.8966" (RT)
Degree = 7° 35' 19.8426"
Tangent = 78.4654'
Length = 156.3695'
Radius = 755.0000'
External = 4.0664'
Long Chord = 156.0902'
Mid. Ord. = 4.0446'
P.C. Station 56+11.1238 N 1,763,128.6983 E 2,232,160.9370
P.T. Station 57+67.4933 N 1,763,239.8802 E 2,232,270.6966
C.C. N 1,762,656.1320 E 2,232,749.7545

COURSE FROM PT ADCA-9 TO 50081 50° 36' 57.8311" DIST 936.4990'

Point 50081 N 1,763,833.9018 E 2,232,994.5274 Sta 67+03.9924

Ending chain ADCA description

Table with 6 columns: CHAIN, CURVE, PI, CC, PC, PT. It contains three sections of CURVE POINT NUMBERS for chains IL5, IL84, and ADCA-1 through ADCA-9.

ILLINOIS DEPARTMENT OF TRANSPORTATION
FAP ROUTE 595 (IL5/IL92)
SECTION 5HBR
ROCK ISLAND COUNTY
SCALE: VERT. HORIZ. DATE DRAWN BY CHECKED BY

HORIZONTAL & VERTICAL CONTROL

Plot Date = Wed Aug 22 13:44:29 2007
File Name = c:\projects\620823\620823\620823\hvc.dgn
Plot Scale = 1/8" = 100.0000' / 1"
User Name = dmsidd