

I-57 CURVE DATA	IL 13 CURVE DATA	RAMP A CURVE DATA	RAMP B CURVE DATA	RAMP C CURVE DATA	RAMP D CURVE DATA	RAMP I CURVE DATA	RAMP A-R CURVE DATA	RAMP C-R CURVE DATA
<p>PROP. CURVE PR57-1 PI STA. = 1480+89.72 Δ = 6° 10' 56" (LT) D = 0° 52' 53" R = 6,500.00' T = 351.02' L = 701.36' E = 9.47' e = 3.0% T.R. = 90° (NB-2%) 60° (SB-1.5%) S.E. RUN = 180' (3 LANES) P.C. STA. = 1477+38.70 P.T. STA. = 1484+40.06</p> <p>PROP. CURVE PR57-2 PI STA. = 1502+91.47 Δ = 12° 45' 38" (LT) D = 0° 52' 53" R = 6,500.00' T = 726.82' L = 1,447.63' E = 40.51' e = 3.0% T.R. = 113° S.E. RUN = 225' (4 LANES) P.C. STA. = 1495+64.64 P.T. STA. = 1510+12.28</p> <p>PROP. CURVE PR57-3 PI STA. = 9+94.05 Δ = 22° 09' 33" (RT) D = 1° 25' 06" R = 4,040.03' T = 791.13' L = 1,562.49' E = 76.73' e = EXIST.% T.R. = 90° S.E. RUN = 45' P.C. STA. = 2+02.92 P.T. STA. = 17+65.41</p> <p><b>I-57 COORDINATE DATA</b></p> <p>P.O.T. STA. 400+00.00 N: 396344.790 E: 805030.334</p> <p>P.O.T. STA. 419+77.93 (BK)= STA 1461+04.83 AH N: 394464.878 E: 804415.394</p> <p>P.C. STA. 1477+38.70 N: 392911.978 E: 803907.423</p> <p>P.T. STA. 1484+40.06 N: 392234.914 E: 803725.721</p> <p>P.C. STA. 1495+64.64 N: 391134.623 E: 803493.228</p> <p>P.T. STA. 1510+12.28 (BK)= P.T. STA. 1510+06.21 (AH) N: 389696.754 E: 803353.486</p> <p>P.O.T. STA. 1530+00.00 N: 387703.172 E: 803382.344</p> <p>P.T. STA. 1572+91.61 (BK)= P.T. STA. 0+00.00 (AH) N: 383412.014 E: 803444.460</p> <p>P.C. STA. 2+02.92 N: 383209.114 E: 803447.397</p> <p>P.T. STA. 17+65.41 (BK)= P.T. STA. 17+82.93 (AH) N: 381681.124 E: 803171.082</p> <p>P.O.T. STA. 25+00.00 N: 381013.173 E: 802910.256</p>	<p>PROP. CURVE PR13-1 PI STA. = 1794+25.11 Δ = 10° 38' 37" (LT) D = 0° 57' 50" R = 5,944.76' T = 553.75' L = 1,104.32' E = 25.74' e = RC T.R. = N/A S.E. RUN = N/A P.C. STA. = 1788+71.36 P.C.C. STA. = 1799+75.68</p> <p>PROP. CURVE PR13-2 PI STA. = 1806+76.39 Δ = 13° 26' 51" (LT) D = 0° 57' 50" R = 5,943.56' T = 700.71' L = 1,394.99' E = 41.16' e = NC T.R. = N/A S.E. RUN = N/A P.C.C. STA. = 1799+75.68 P.T. STA. = 1813+70.67</p> <p><b>IL 13 COORDINATE DATA</b></p> <p>P.O.T. STA. 1780+00.00 N: 392457.185 E: 800377.971</p> <p>P.C. STA. 1788+71.36 N: 392107.600 E: 801176.129</p> <p>P.C.C. STA. 1799+75.68 N: 391760.780 E: 802222.905</p> <p>P.T. STA. 1813+70.67 N: 391608.401 E: 803606.323</p> <p>P.O.T. STA. 1830+11.87 (BK)= STA 830+00.00 AH N: 39160.952 E: 805247.478</p> <p>P.O.T. STA. 853+00.00 N: 391638.542 E: 807547.411</p>	<p>PROP. CURVE PRRMPA-1 PI STA. = 15+13.72 Δ = 64° 04' 56" (LT) D = 0° 15' 46" R = 432.00' T = 270.37' L = 483.17' E = 77.63' e = 2.0% T.R. = N/A S.E. RUN = N/A P.C. STA. = 12+43.35 P.T. STA. = 17+26.52</p> <p>PROP. CURVE PRRMPA-2 PI STA. = 25+00.93 Δ = 19° 59' 18" (RT) D = 0° 32' 20" R = 760.00' T = 133.93' L = 265.13' E = 11.71' e = 8.0% T.R. = 96' (2 LANES) S.E. RUN = 385' (PC-2 LANES) 255' (PT-1 LANE) P.C. STA. = 23+67.00 P.T. STA. = 26+32.13</p> <p><b>RAMP A COORDINATE DATA</b></p> <p>P.O.T. STA. 9+40.38 N: 391608.236 E: 803571.572</p> <p>P.C. STA. 12+43.35 N: 391749.504 E: 803839.593</p> <p>P.T. STA. 17+26.52 N: 392145.802 E: 804069.932</p> <p>P.C. STA. 23+67.00 N: 392785.942 E: 804048.978</p> <p>P.T. STA. 26+32.13 N: 393047.090 E: 804086.235</p> <p>P.O.T. STA. 42+25.01 N: 394561.033 E: 804581.462</p>	<p>PROP. CURVE PRRMPB-1 PI STA. = 10+05.55 Δ = 30° 28' 43" (RT) D = 7° 32' 20" R = 760.00' T = 207.05' L = 404.28' E = 27.70' e = 8.0% T.R. = N/A S.E. RUN = 385' (2 LANES) P.C. STA. = 7+98.50 P.T. STA. = 12+02.78</p> <p>PROP. CURVE PRRMPB-2 PI STA. = 18+96.29 Δ = 98° 10' 19" (LT) D = 17° 15' 20" R = 332.00' T = 383.08' L = 568.86' E = 174.93' e = 2.0% T.R. = 75' (2 LANES) S.E. RUN = 75' (2 LANES) P.C. STA. = 15+13.20 P.T. STA. = 20+82.06</p> <p><b>RAMP B COORDINATE DATA</b></p> <p>P.O.T. STA. 0+00.00 N: 389624.165 E: 803411.543</p> <p>P.C. STA. 7+98.50 N: 390419.141 E: 803481.900</p> <p>P.T. STA. 12+02.78 N: 390787.740 E: 803636.046</p> <p>P.C. STA. 15+13.20 N: 391032.574 E: 803826.876</p> <p>P.T. STA. 20+28.06 N: 391524.879 E: 803729.824</p> <p>P.O.T. STA. 22+50.06 N: 391608.272 E: 803583.986</p>	<p>PROP. CURVE PRRMPC-1 PI STA. = 5+18.62 Δ = 70° 23' 19" (LT) D = 13° 15' 46" R = 432.00' T = 304.68' L = 530.72' E = 96.63' e = 2.0% T.R. = 75' (2 LANES) S.E. RUN = 75' (2 LANES) P.C. STA. = 2+13.94 P.T. STA. = 7+44.66</p> <p>PROP. CURVE PRRMPC-2 PI STA. = 15+11.36 Δ = 8° 47' 07" (RT) D = 3° 49' 11" R = 1,500.00' T = 115.23' L = 230.00' E = 4.42' e = 6.2% T.R. = N/A S.E. RUN = 300' (2 LANES) P.C. STA. = 15+13.20 P.T. STA. = 16+26.13</p> <p><b>RAMP C COORDINATE DATA</b></p> <p>P.O.T. STA. 0+00.00 N: 391608.366 E: 803601.509</p> <p>P.C. STA. 2+13.94 N: 391508.611 E: 803412.249</p> <p>P.T. STA. 7+44.66 N: 391064.971 E: 803186.076</p> <p>P.C. STA. 13+96.13 N: 390420.127 E: 803278.784</p> <p>P.T. STA. 16+26.13 N: 390190.854 E: 803293.966</p> <p>P.O.T. STA. 22+26.84 N: 389590.266 E: 803299.022</p>	<p>PROP. CURVE PRRMPD-1 PI STA. = 112+55.40 Δ = 30° 02' 46" (RT) D = 7° 32' 20" R = 760.00' T = 203.97' L = 398.55' E = 26.89' e = 8.0% (EXIST.) T.R. = N/A S.E. RUN = EXIST. P.C. STA. = 110+51.43 P.T. STA. = 114+49.98</p> <p>PROP. CURVE PRRMPD-2 PI STA. = 124+84.18 Δ = 104° 34' 31" (LT) D = 13° 15' 46" R = 432.00' T = 558.69' L = 788.48' E = 274.23' e = 2.0% T.R. = 75' (2 LANES) S.E. RUN = 75' (2 LANES) P.C. STA. = 119+25.49 P.T. STA. = 127+13.97</p> <p><b>RAMP D COORDINATE DATA</b></p> <p>P.O.T. STA. 100+00.00 N: 394130.345 E: 804170.676</p> <p>P.C. STA. 110+51.43 N: 393131.020 E: 803843.785</p> <p>P.T. STA. 114+49.98 N: 392801.099 E: 803628.413</p> <p>P.C. STA. 119+25.49 N: 392483.908 E: 803274.156</p> <p>P.T. STA. 127+13.97 N: 391802.177 E: 803323.359</p> <p>P.O.T. STA. 130+64.15 N: 391608.468 E: 803615.090</p>	<p>PROP. CURVE PRRMPI-1 PI STA. = 21+27.17 Δ = 15° 08' 25" (RT) D = 4° 46' 29" R = 1,200.00' T = 159.48' L = 317.10' E = 10.55' e = 7.0% T.R. = N/A S.E. RUN = 225' P.C. STA. = 19+67.69 P.T. STA. = 22+84.79</p> <p><b>RAMP I COORDINATE DATA</b></p> <p>P.O.T. STA. 10+00.00 N: 393168.425 E: 803527.144</p> <p>P.C. STA. 19+67.69 N: 392203.527 E: 803600.625</p> <p>P.T. STA. 22+84.79 N: 391887.848 E: 803582.891</p> <p>P.O.T. STA. 34+34.80 N: 390756.170 E: 803379.387</p>	<p>PROP. CURVE PRRMPAR-1 PI STA. = 1+80.75 Δ = 84° 12' 42" (RT) D = 4° 46' 29" R = 200.00' T = 180.75' L = 293.95' E = 69.58' e = 2.0% T.R. = N/A S.E. RUN = N/A P.C. STA. = 0+00.00 P.C.C. STA. = 2+93.95</p> <p>PROP. CURVE PRRMPAR-2 PI STA. = 3+26.13 Δ = 35° 40' 33" (RT) D = 57° 17' 45" R = 100.00' T = 32.18' L = 62.27' E = 5.05' e = 2.0% T.R. = N/A S.E. RUN = N/A P.C.C. STA. = 2+93.95 P.T. STA. = 3+56.22</p> <p><b>RAMP A-R COORDINATE DATA</b></p> <p>P.C. STA. 0+00.00 N: 391680.961 E: 804202.364</p> <p>P.C.C. STA. 2+93.95 N: 391859.264 E: 804002.014</p> <p>P.T. STA. 3+56.22 N: 391919.275 E: 804014.345</p>	<p>PROP. CURVE PRRMPC-1 PI STA. = 1+62.68 Δ = 78° 14' 59" (RT) D = 28° 38' 52" R = 200.00' T = 162.68' L = 273.14' E = 57.81' e = 2.0% T.R. = N/A S.E. RUN = N/A P.C. STA. = 0+00.00 P.C.C. STA. = 2+73.14</p> <p>PROP. CURVE PRRMPC-2 PI STA. = 3+05.32 Δ = 35° 40' 33" (RT) D = 57° 17' 45" R = 100.00' T = 32.18' L = 62.27' E = 5.05' e = 2.0% T.R. = N/A S.E. RUN = N/A P.C.C. STA. = 2+73.14 P.T. STA. = 3+35.41</p> <p><b>RAMP C-R COORDINATE DATA</b></p> <p>P.C. STA. 0+00.00 N: 391568.807 E: 803064.200</p> <p>P.C.C. STA. 2+73.14 N: 391393.883 E: 803246.161</p> <p>P.T. STA. 3+35.41 N: 391333.710 E: 803234.647</p>
						<p><b>RAMP J CURVE DATA</b></p> <p>PROP. CURVE PRRMPJ-1 PI STA. = 8+36.06 Δ = 53° 16' 45" (RT) D = 7° 32' 20" R = 760.00' T = 381.24' L = 706.72' E = 90.26' e = 8.0% T.R. = N/A S.E. RUN = 255' P.C. STA. = 4+54.82 P.T. STA. = 11+61.54</p> <p>PROP. CURVE PRRMPJ-2 PI STA. = 17+00.56 Δ = 51° 06' 35" (LT) D = 12° 19' 18" R = 465.00' T = 222.34' L = 414.79' E = 50.42' e = 8.0% T.R. = 41' S.E. RUN = 220' P.C. STA. = 14+78.22 P.T. STA. = 18+93.02</p> <p><b>RAMP J COORDINATE DATA</b></p> <p>P.O.T. STA. 0+00.00 N: 391483.246 E: 803624.129</p> <p>P.C. STA. 4+54.82 N: 391920.602 E: 803748.970</p> <p>P.T. STA. 11+61.54 N: 392422.511 E: 804210.026</p> <p>P.C. STA. 14+78.22 N: 392534.913 E: 804506.086</p> <p>P.T. STA. 18+93.02 N: 392825.167 E: 804783.027</p> <p>P.O.T. STA. 21+66.15 N: 393084.786 E: 804867.886</p>	<p><b>RAMP B-R CURVE DATA</b></p> <p>PROP. CURVE PRRMPBR-1 PI STA. = 3+11.40 Δ = 90° 00' 00" (RT) D = 28° 38' 52" R = 200.00' T = 200.00' L = 314.16' E = 82.84' e = 2.0% T.R. = 55' S.E. RUN = 55' P.C. STA. = 1+11.40 P.T. STA. = 4+25.56</p> <p><b>RAMP B-R COORDINATE DATA</b></p> <p>P.O.T. STA. 0+00.00 N: 391239.332 E: 803913.010</p> <p>P.C. STA. 1+11.40 N: 391350.732 E: 804912.158</p> <p>P.T. STA. 4+25.56 N: 391552.256 E: 804110.623</p>	<p><b>RAMP D-R CURVE DATA</b></p> <p>PROP. CURVE PRRMPDR-1 PI STA. = 5+08.14 Δ = 92° 01' 10" (RT) D = 28° 38' 52" R = 200.00' T = 207.18' L = 321.21' E = 87.96' e = 2.0% T.R. = 55' S.E. RUN = 55' P.C. STA. = 3+00.96 P.T. STA. = 6+22.17</p> <p><b>RAMP D-R COORDINATE DATA</b></p> <p>P.O.T. STA. 0+00.00 N: 391239.332 E: 803913.010</p> <p>P.C. STA. 3+00.96 N: 391899.253 E: 803090.930</p> <p>P.T. STA. 6+22.17 N: 391717.219 E: 802868.034</p>
				<p><b>BITTLE PLACE CURVE DATA</b></p> <p>PROP. CURVE PRBITTLE-1 PI STA. = 8+34.47 Δ = 16° 27' 36" (RT) D = 14° 19' 26" R = 400.00' T = 57.85' L = 114.91' E = 4.16' e = N.C. T.R. = N/A S.E. RUN = N/A P.C. STA. = 7+76.62 P.R.C. STA. = 8+91.53</p> <p>PROP. CURVE PRBITTLE-2 PI STA. = 9+48.45 Δ = 16° 11' 45" (LT) D = 14° 19' 26" R = 400.00' T = 56.91' L = 113.07' E = 4.03' e = N.C. T.R. = N/A S.E. RUN = N/A P.R.C. STA. = 8+91.53 P.T. STA. = 10+04.60</p> <p>PROP. CURVE PRBITTLE-3 PI STA. = 11+28.79 Δ = 15° 14' 50" (LT) D = 19° 25' 20" R = 295.00' T = 39.48' L = 78.50' E = 2.63' e = N.C. T.R. = N/A S.E. RUN = N/A P.C. STA. = 10+89.30 P.R.C. STA. = 11+67.81</p> <p>PROP. CURVE PRBITTLE-4 PI STA. = 12+13.82 Δ = 17° 43' 48" (RT) D = 19° 25' 20" R = 295.00' T = 46.01' L = 91.29' E = 3.57' e = N.C. T.R. = N/A S.E. RUN = N/A P.R.C. STA. = 11+67.81 P.T. STA. = 12+59.10</p>	<p><b>BITTLE PLACE COORDINATE DATA</b></p> <p>P.C. 7+76.62 N: 391718.028 E: 805746.613</p> <p>P.R.C. STA. 8+91.53 N: 391733.030 E: 805633.082</p> <p>P.T. STA. 10+04.60 N: 391748.051 E: 805521.395</p> <p>P.C. STA. 10+89.30 N: 391747.403 E: 805436.694</p> <p>P.R.C. STA. 11+67.81 N: 391736.426 E: 805359.195</p> <p>P.C. STA. 12+59.10 N: 391725.628 E: 805268.916</p> <p>P.O.T. STA. 13+43.25 N: 391728.631 E: 805184.819</p>	<p><b>NOTES:</b></p> <ol style="list-style-type: none"> <li>HORIZONTAL CONTROL BASED ON THE ILLINOIS STATE PLANE COORDINATES NAD 83 (1997 ADJUSTMENT) EAST ZONE.</li> <li>VERTICAL CONTROL BASED ON NAVD (1988).</li> <li>HORIZONTAL AND VERTICAL CONTROL FOR THIS PROJECT BASED ON DIFFERENT DATUM THAN RECENTLY COMPLETED/ONGOING PROJECTS. CONTRACTOR SHALL ONLY USE CONTROL POINTS LISTED HEREIN FOR LAYOUT ON THIS CONTRACT AND VERIFY ACCURACY OF CONTROL LOCATED WITHIN ADJACENT PROJECTS PRIOR TO LAYOUT.</li> <li>CONTROL FOR HILLVIEW WAY SHEETS 123-135 SHALL BE BASED ON STAKEOUT COORDINATES LISED ON SHEET 129</li> </ol>	<p><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p> <p>ALIGNMENT, TIES AND BENCHMARKS INTERSTATE 57</p> <p>SCALE: N.T.S SHEET NO. OF SHEETS STA. TO STA.</p>	<p>F.A. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.</p> <p>* 01-6-21HBK-2, HB-1,2; 01-1R-1 WILLIAMSON 968 90</p> <p>* F.A.I. 57 AND F.A.P. 331 CONTRACT NO. 78182</p> <p>ILLINOIS FED. AID PROJECT</p>
<p>FILE NAME = ...D978182-shr-ATB_006_CurveData.dgn</p> <p>USER NAME = Rob Heedy</p> <p>PLOT SCALE = 50.000' / IN.</p> <p>PLOT DATE = 10/7/2011</p>	<p>DESIGNED - MJO</p> <p>DRAWN - RAH</p> <p>CHECKED - BJD</p> <p>DATE = 10/07/11</p>	<p>REVISED -</p> <p>REVISED -</p> <p>REVISED -</p> <p>REVISED -</p>						