

EXISTING CURVE DATA

<p>EXIST. CURVE IKE-EWB-00-1 PI STA. = 325+38.06 Δ = 6° 49' 10" (RT) D = 3° 00' 00" R = 1,909.89' T = 113.80' L = 227.32' E = 3.39' P.C. STA. = 324+24.26 P.T. STA. = 326+51.59</p>	<p>PI Sta. 323+57.62 Δs = 2° 59' 59.83" Ds = 2° 59' 59.83" T1 = 133.35' T2 = 66.68' Rs = 1,909.89' Ls = 200.00' 322+24.26 324+24.26</p>	<p>PI Sta. 327+18.26 Δs = 2° 59' 58.21" Ds = 2° 59' 59.83" T1 = 133.33' T2 = 66.67' Rs = 1,909.89' Ls = 199.97' 326+51.59 328+51.56</p>	<p>EXIST. CURVE IKE-EWB-00-2 PI STA. = 332+11.06 Δ = 1° 57' 51" (LT) D = 3° 00' 00" R = 1,909.89' T = 32.74' L = 65.47' E = 0.28' P.C. STA. = 331+78.32 P.T. STA. = 332+43.79</p>	<p>PI Sta. 331+11.67 Δs = 2° 59' 59.83" Ds = 2° 59' 59.83" T1 = 133.35' T2 = 66.67' Rs = 1,909.89' Ls = 200.00' 329+78.32 331+78.32</p>	<p>PI Sta. 333+10.47 Δs = 2° 59' 58.21" Ds = 2° 59' 59.83" T1 = 133.33' T2 = 66.67' Rs = 1,909.89' Ls = 199.97' 332+43.79 334+43.76</p>	<p>EXIST. CURVE IKE-EWB-00-3 PI STA. = 340+66.38 Δ = 5° 05' 52" (LT) D = 1° 00' 00" R = 5,729.58' T = 255.06' L = 509.78' E = 5.67' P.C. STA. = 338+11.32 P.T. STA. = 343+21.10</p>	<p>EXIST. CURVE IKE-EWB-00-4 PI STA. = 354+73.38 Δ = 3° 48' 20" (RT) D = 2° 29' 59" R = 2,292.01' T = 76.14' L = 152.23' E = 1.26' P.C. STA. = 353+97.24 P.T. STA. = 355+49.47</p>	<p>PI Sta. 353+47.25 Δs = 1° 52' 29.47" Ds = 2° 29' 59.30" T1 = 100.01' T2 = 50.01' Rs = 2,292.01' Ls = 150.00' 352+47.24 353+97.24</p>	<p>PI Sta. 355+99.47 Δs = 1° 52' 28.12" Ds = 2° 29' 59.30" T1 = 99.99' T2 = 50.01' Rs = 2,292.01' Ls = 149.97' 355+49.47 356+99.44</p>	<p>EXIST. CURVE IKE-EWB-00-5 PI STA. = 361+31.77 Δ = 3° 15' 02" (LT) D = 2° 29' 59" R = 2,292.01' T = 65.04' L = 130.04' E = 0.92' P.C. STA. = 360+66.74 P.T. STA. = 361+96.78</p>	<p>PI Sta. 360+16.74 Δs = 1° 52' 29.47" Ds = 2° 29' 59.30" T1 = 100.01' T2 = 50.01' Rs = 2,292.01' Ls = 150.00' 359+16.74 360+66.74</p>	<p>PI Sta. 362+46.77 Δs = 1° 52' 28.12" Ds = 2° 29' 59.30" T1 = 99.99' T2 = 50.00' Rs = 2,292.01' Ls = 149.97' 361+96.78 363+46.75</p>
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<p>EXIST. CURVE IKE-EEB-00-1 PI STA. = 321+86.75 Δ = 4° 45' 41" (RT) D = 0° 20' 00" R = 17,188.74' T = 714.62' L = 1,428.42' E = 14.85' P.C. STA. = 314+72.13 P.T. STA. = 329+00.55</p>	<p>EXIST. CURVE IKE-EEB-00-2 PI STA. = 341+00.95 Δ = 4° 29' 17" (LT) D = 1° 50' 00" R = 3,125.22' T = 122.46' L = 244.80' E = 2.40' P.C. STA. = 339+78.49 P.T. STA. = 342+23.29</p>	<p>EXIST. CURVE IKE-EEB-00-3 PI STA. = 354+82.42 Δ = 2° 27' 30" (LT) D = 1° 00' 00" R = 5,729.65' T = 122.93' L = 245.82' E = 1.32' P.C. STA. = 353+59.49 P.T. STA. = 356+05.32</p>	<p>EXIST. CURVE IKE-EEB-00-4 PI STA. = 357+76.88 Δ = 2° 30' 00" (RT) D = 1° 00' 00" R = 5,729.65' T = 125.02' L = 250.00' E = 1.36' P.C. STA. = 356+51.86 P.T. STA. = 359+01.86</p>	<p>EXIST. CURVE KDR-ENB-00-1 PI STA. = 192+81.92 Δ = 3° 17' 58" (LT) D = 0° 48' 25" R = 7,100.63' T = 204.51' L = 408.90' E = 2.94' P.C. STA. = 190+77.41 P.T. STA. = 194+86.31</p>	<p>EXIST. CURVE KDR-ENB-00-2 PI STA. = 199+68.51 Δ = 3° 11' 12" (RT) D = 0° 30' 00" R = 11,460.32' T = 318.77' L = 637.38' E = 4.43' P.C. STA. = 196+49.74 P.T. STA. = 202+87.12</p>	<p>EXIST. CURVE KDR-ENB-00-3 PI STA. = 7+04.34 Δ = 7° 10' 07" (LT) D = 2° 00' 00" R = 2,864.80' T = 179.45' L = 358.43' E = 5.61' P.C. STA. = 5+24.89 P.T. STA. = 8+83.32</p>	<p>EXIST. CURVE KDR-ENB-00-4 PI STA. = 20+43.63 Δ = 11° 24' 28" (RT) D = 1° 30' 00" R = 3,819.89' T = 381.54' L = 760.55' E = 19.01' P.C. STA. = 16+62.09 P.T. STA. = 24+22.65</p>	<p>EXIST. CURVE KDR-ENB-00-5 PI STA. = 27+72.52 Δ = 4° 08' 39" (LT) D = 0° 40' 00" R = 8,594.42' T = 310.95' L = 621.63' E = 5.62' P.C. STA. = 24+61.57 P.T. STA. = 30+83.20</p>
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<p>EXIST. CURVE KDR-ESB-00-1 PI STA. = 186+12.11 Δ = 0° 55' 38" (LT) D = 0° 45' 00" R = 7,640.04' T = 61.81' L = 123.62' E = 0.25' P.C. STA. = 185+50.30 P.T. STA. = 186+73.92</p>	<p>EXIST. CURVE KDR-ESB-00-2 PI STA. = 194+46.34 Δ = 4° 37' 53" (LT) D = 0° 18' 00" R = 19,100.00' T = 772.39' L = 1,543.93' E = 15.61' P.C. STA. = 186+73.95 P.T. STA. = 202+17.88</p>	<p>PI Sta. 6+79.30 Δs = 2° 23' 14.33" Ds = 3° 10' 59.11" T1 = 100.01' T2 = 50.01' Rs = 1,800.01' Ls = 150.00' 5+79.29 7+29.29</p>	<p>PI Sta. 9+89.11 Δs = 2° 23' 13.76" Ds = 3° 10' 59.11" T1 = 100.00' T2 = 50.00' Rs = 1,800.01' Ls = 149.99' 9+39.11 10+89.10</p>	<p>EXIST. CURVE KDR-ESB-00-3 PI STA. = 8+34.32 Δ = 6° 40' 44" (RT) D = 3° 10' 59" R = 1,910.09' T = 71.32' L = 142.57' E = 1.33' P.C. STA. = 7+29.29 P.T. STA. = 9+39.11</p>	<p>EXIST. CURVE KDR-ESB-00-4 PI STA. = 13+66.51 Δ = 4° 16' 36" (LT) D = 2° 59' 59" R = 1,910.09' T = 71.32' L = 142.57' E = 1.33' P.C. STA. = 12+95.19 P.T. STA. = 14+37.76</p>	<p>PI Sta. 12+28.55 Δs = 2° 59' 58.71" Ds = 2° 59' 58.71" T1 = 133.35' T2 = 66.68' Rs = 1,910.09' Ls = 200.00' 10+95.19 12+95.19</p>	<p>PI Sta. 15+04.45 Δs = 2° 59' 58.17" Ds = 2° 59' 58.71" T1 = 133.35' T2 = 66.68' Rs = 1,910.09' Ls = 199.99' 14+37.76 16+37.75</p>	<p>EXIST. CURVE KDR-ESB-00-5 PI STA. = 19+84.85 Δ = 3° 04' 48" (RT) D = 0° 30' 00" R = 11,459.27' T = 308.08' L = 616.01' E = 4.14' P.C. STA. = 16+76.77 P.T. STA. = 22+92.78</p>	<p>EXIST. CURVE KDR-ESB-00-6 PI STA. = 28+07.67 Δ = 1° 23' 18" (RT) D = 0° 15' 00" R = 22,918.30' T = 277.67' L = 555.31' E = 1.68' P.C. STA. = 25+30.01 P.T. STA. = 30+85.31</p>
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<p>EXIST. CURVE CIR-ENW-00-1 PI STA. = 10+35.96 Δ = 23° 06' 09" (RT) D = 23° 00' 00" R = 249.11' T = 50.91' L = 100.45' E = 5.15' P.C. STA. = 9+85.04 P.T. STA. = 10+85.49</p>	<p>EXIST. CURVE CIR-ENW-00-2 PI STA. = 23+51.29 Δ = 147° 31' 02" (LT) D = 17° 41' 01" R = 324.00' T = 1,112.23' L = 834.20' E = 834.46' P.C. STA. = 12+39.06 P.T. STA. = 20+73.26</p>	<p>EXIST. CURVE CIR-ENW-00-3 PI STA. = 22+66.58 Δ = 37° 04' 01" (RT) D = 19° 53' 40" R = 288.00' T = 96.55' L = 186.32' E = 15.75' P.C. STA. = 21+70.03 P.T. STA. = 23+56.35</p>	<p>EXIST. CURVE CIR-EWS-00-1 PI STA. = 14+59.92 Δ = 42° 15' 04" (RT) D = 22° 55' 04" R = 250.00' T = 96.60' L = 184.36' E = 18.01' P.C. STA. = 13+63.32 P.T. STA. = 15+47.68</p>	<p>EXIST. CURVE CIR-EWS-00-2 PI STA. = 18+99.17 Δ = 79° 41' 42" (LT) D = 19° 53' 40" R = 288.00' T = 240.36' L = 400.59' E = 87.12' P.C. STA. = 16+58.81 P.T. STA. = 20+59.40</p>	<p>EXIST. CURVE CIR-EWS-00-3 PI STA. = 23+40.00 Δ = 90° 44' 22" (LT) D = 20° 41' 04" R = 277.00' T = 280.60' L = 438.69' E = 117.29' P.C. STA. = 20+59.40 P.T. STA. = 24+98.09</p>	<p>EXIST. CURVE CIR-EWS-00-4 PI STA. = 19+78.44 Δ = 12° 22' 32" (RT) D = 6° 02' 40" R = 947.89' T = 102.77' L = 204.74' E = 5.55' P.C. STA. = 18+75.67 P.T. STA. = 20+80.41</p>	<p>EXIST. CURVE CIR-EWS-00-5 PI STA. = 21+61.79 Δ = 15° 14' 17" (RT) D = 9° 25' 03" R = 608.40' T = 81.38' L = 161.81' E = 5.42' P.C. STA. = 20+80.41 P.T. STA. = 22+42.21</p>	<p>EXIST. CURVE CIR-EWS-00-6 PI STA. = 24+08.12 Δ = 4° 57' 42" (RT) D = 1° 29' 46" R = 3,829.31' T = 165.91' L = 331.61' E = 3.59' P.C. STA. = 22+42.21 P.T. STA. = 25+73.82</p>
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<p>EXIST. CURVE CIR-EES-00-1 PI STA. = 107+84.38 Δ = 40° 04' 47" (RT) D = 11° 27' 32" R = 500.01' T = 182.38' L = 349.77' E = 32.22' P.C. STA. = 106+02.00 P.T. STA. = 109+51.77</p>	<p>EXIST. CURVE CIR-EES-00-2 PI STA. = 111+22.58 Δ = 33° 11' 59" (RT) D = 9° 59' 59" R = 572.97' T = 170.81' L = 332.00' E = 24.92' P.C. STA. = 109+51.77 P.T. STA. = 112+83.77</p>	<p>EXIST. CURVE CIR-EES-00-3 PI STA. = 114+48.97 Δ = 4° 57' 10" (RT) D = 1° 30' 00" R = 3,819.73' T = 165.19' L = 330.18' E = 3.57' P.C. STA. = 112+83.77 P.T. STA. = 116+13.95</p>	<p>EXIST. CURVE CIR-EES-00-4 PI STA. = 120+33.98 Δ = 11° 33' 10" (LT) D = 5° 14' 53" R = 1,091.74' T = 110.44' L = 220.13' E = 5.57' P.C. STA. = 119+23.54 P.T. STA. = 121+43.67</p>	<p>EXIST. CURVE CIR-EES-00-5 PI STA. = 124+23.38 Δ = 8° 59' 59" (RT) D = 4° 15' 00" R = 1,348.15' T = 106.10' L = 211.76' E = 4.17' P.C. STA. = 123+17.28 P.T. STA. = 125+29.04</p>
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<p>EXIST. CURVE CIR-EEN-00-1 PI STA. = 17+04.03 Δ = 48° 23' 08" (RT) D = 22° 55' 06" R = 250.00' T = 112.32' L = 211.12' E = 24.07' P.C. STA. = 15+91.71 P.T. STA. = 18+02.83</p>	<p>EXIST. CURVE CIR-EEN-00-2 PI STA. = 26+59.42 Δ = 138° 29' 00" (LT) D = 20° 27' 46" R = 280.00' T = 738.72' L = 676.76' E = 510.01' P.C. STA. = 19+20.70 P.T. STA. = 25+97.46</p>	<p>EXIST. CURVE CIR-EEN-00-3 PI STA. = 27+12.77 Δ = 39° 10' 08" (LT) D = 17° 40' 40" R = 324.11' T = 115.31' L = 221.57' E = 19.90' P.C. STA. = 25+97.46 P.T. STA. = 28+19.03</p>	<p>EXIST. CURVE CIR-EEN-00-4 PI STA. = 31+37.75 Δ = 29° 37' 21" (RT) D = 15° 54' 55" R = 360.01' T = 95.19' L = 186.13' E = 12.37' P.C. STA. = 30+42.56 P.T. STA. = 32+28.69</p>	<p>EXIST. CURVE CIR-ESW-00-1 PI STA. = 16+45.46 Δ = 45° 09' 26" (RT) D = 9° 19' 39" R = 614.27' T = 255.43' L = 484.13' E = 50.99' P.C. STA. = 13+90.03 P.T. STA. = 18+74.16</p>	<p>EXIST. CURVE CIR-ESW-00-2 PI STA. = 20+08.60 Δ = 16° 01' 34" (RT) D = 5° 59' 58" R = 955.00' T = 134.44' L = 267.12' E = 9.42' P.C. STA. = 18+74.16 P.T. STA. = 21+41.29</p>	<p>EXIST. CURVE CIR-ESW-00-3 PI STA. = 22+38.85 Δ = 26° 01' 11" (RT) D = 13° 34' 06" R = 422.28' T = 97.57' L = 191.77' E = 11.12' P.C. STA. = 21+41.29 P.T. STA. = 23+33.05</p>
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FILE PATH = p:\388035-projects\americas\transportation\62629938-Circle Phase 1\000-CAD\005-Roadway\Sheets\60W29-Sht-ATB-07.dgn



D:\60W29-Sht-ATB-07.dgn	DESIGNED - JLV	REVISED -
USER NAME = BAWtorr	DRAWN - BAW	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED - JMG	REVISED -
PLOT DATE = 10/28/2013	DATE - 10/30/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SCALE: 1" = 100' SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2013-011R	COOK	356	36
CONTRACT NO. 60W29				
ILLINOIS FED. AID PROJECT				