

<p>PROP. CURVE 64W-1 PI STA. = 73+67.12 Δ = 6° 45' 48" (RT) D = 1° 27' 01" R = 3,950.66' T = 233.44' L = 466.34' E = 6.89' P.C.C. STA = 71+33.67 P.C.C. STA = 76+00.02</p>	<p>PROP. CURVE 64W-2 PI STA. = 79+29.11 Δ = 9° 39' 54" (RT) D = 1° 28' 19" R = 3,892.58' T = 329.09' L = 656.62' E = 13.89' P.C.C. STA = 76+00.02 P.C.C. STA = 82+56.64</p>	<p>PROP. CURVE 64W-3 PI STA. = 83+20.10 Δ = 2° 30' 26" (RT) D = 1° 58' 33" R = 2,900.00' T = 179.97' L = 126.91' E = 0.69' P.C.C. STA = 82+56.64 P.C.C. STA = 83+83.54</p>	<p>PROP. CURVE 64W-4 PI STA. = 85+63.51 Δ = 4° 34' 49" (RT) D = 1° 16' 24" R = 4,500.00' T = 179.97' L = 359.74' E = 3.60' P.C.C. STA = 83+83.54 P.C.C. STA = 87+43.28</p>	<p>PROP. CURVE 64W-5 PI STA. = 88+27.34 Δ = 3° 30' 05" (RT) D = 2° 05' 01" R = 2,750.00' T = 164.57' L = 168.06' E = 1.28' P.C.C. STA = 87+43.28 P.C.C. STA = 89+11.35</p>	<p>PROP. CURVE 64W-6 PI STA. = 90+75.92 Δ = 3° 21' 59" (RT) D = 1° 01' 23" R = 5,600.16' T = 164.57' L = 329.05' E = 2.42' P.C.C. STA = 89+11.35 P.T. STA = 92+40.39</p>	<p>PROP. CURVE 64E-1 PI STA. = 41+07.48 Δ = 1° 00' 00" (RT) D = 0° 28' 39" R = 12,000.00' T = 104.72' L = 209.44' E = 0.46' P.C.C. STA = 40+02.75 P.T. STA = 42+12.19</p>	<p>PROP. CURVE 64E-2 PI STA. = 46+54.23 Δ = 0° 56' 39" (LT) D = 0° 28' 39" R = 12,000.00' T = 198.73' L = 197.74' E = 0.41' P.C. STA = 45+55.36 P.T. STA = 47+53.10</p>	<p>PROP. CURVE 64E-3 PI STA. = 53+19.44 Δ = 6° 19' 10" (LT) D = 1° 35' 30" R = 3,600.00' T = 198.73' L = 397.06' E = 5.48' P.C. STA = 51+20.71 P.C.C. STA = 55+17.76</p>	<p>PROP. CURVE 64E-4 PI STA. = 58+88.81 Δ = 10° 35' 58" (LT) D = 1° 25' 57" R = 4,000.00' T = 371.05' L = 739.97' E = 17.17' P.C.C. STA = 55+17.76 P.C.C. STA = 62+57.74</p>
<p>PROP. CURVE 64E-5 PI STA. = 67+01.39 Δ = 13° 31' 16" (LT) D = 1° 31' 51" R = 3,742.50' T = 443.65' L = 883.18' E = 26.20' P.C.C. STA = 62+57.74 P.T. STA = 71+40.92</p>	<p>PROP. CURVE 55N64E-1 PI STA. = 51+86.43 Δ = 10° 37' 29" (RT) D = 2° 51' 28" R = 2,005.00' T = 186.43' L = 371.80' E = 8.65' P.C. STA = 50+00.00 P.T. STA = 53+71.80</p>	<p>PROP. CURVE 55N64E-2 PI STA. = 57+08.92 Δ = 2° 17' 42" (RT) D = 1° 08' 45" R = 5,000.00' T = 100.16' L = 200.29' E = 1.00' P.C. STA = 56+08.76 P.T. STA = 58+09.05</p>	<p>PROP. CURVE 55N64E-3 PI STA. = 67+43.14 Δ = 53° 06' 29" (RT) D = 6° 49' 15" R = 840.00' T = 512.85' L = 778.61' E = 99.06' e = 6.0% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 152' T.R. REMOVAL = 0' S.E. RUN REMOVAL = 180' P.C. STA = 63+23.34 P.T. STA = 71+01.95</p>	<p>PROP. CURVE 64W55N-1 PI STA. = 62+02.73 Δ = 106° 12' 31" (RT) D = 14° 52' 55" R = 385.00' T = 512.85' L = 713.67' E = 256.28' e = 6.00% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 103' T.R. REMOVAL = 0' S.E. RUN REMOVAL = 105' P.C. STA = 56+89.88 P.T. STA = 64+03.55</p>	<p>PROP. CURVE 64W55N-2 PI STA. = 70+01.72 Δ = 8° 00' 34" (LT) D = 3° 07' 14" R = 1,836.00' T = 128.54' L = 256.65' E = 4.49' e = 3.70% T.R. ATTAINMENT = 71' S.E. RUN ATTAINMENT = 132' T.R. REMOVAL = 0' S.E. RUN REMOVAL = 0' P.C. STA = 68+73.18 P.C.C. STA = 71+29.83</p>	<p>PROP. CURVE 64W55N-3 PI STA. = 71+67.17 Δ = 2° 12' 35" (LT) D = 2° 57' 34" R = 1,936.00' T = 37.34' L = 74.67' E = 0.36' e = 3.70% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 0' T.R. REMOVAL = 0' S.E. RUN REMOVAL = 0' P.C. STA = 71+29.83 P.T. STA = 72+04.50</p>	<p>PROP. CURVE 64W70W-1 PI STA. = 59+84.84 Δ = 12° 18' 03" (RT) D = 4° 01' 15" R = 1,425.00' T = 153.56' L = 305.93' E = 8.25' e = 5.10% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 115' T.R. REMOVAL = 0' S.E. RUN REMOVAL = 115' P.C. STA = 58+31.29 P.T. STA = 61+37.22</p>	<p>PROP. CURVE 64W70W-2 PI STA. = 69+02.97 Δ = 25° 20' 51" (LT) D = 4° 23' 14" R = 1,306.00' T = 293.69' L = 577.77' E = 32.62' e = -5.40% T.R. ATTAINMENT = 48' S.E. RUN ATTAINMENT = 221' T.R. REMOVAL = 48' S.E. RUN REMOVAL = 221' P.C. STA = 66+09.28 P.T. STA = 71+87.05</p>	<p>PROP. CURVE 64W70W-3 PI STA. = 82+62.48 Δ = 12° 26' 00" (RT) D = 1° 47' 26" R = 3,200.00' T = 348.57' L = 694.41' E = 18.93' e = 3.50% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 64' T.R. REMOVAL = 36' S.E. RUN REMOVAL = 120' P.C. STA = 79+13.90 P.T. STA = 86+08.31</p>
<p>PROP. CURVE 70E64E-1 PI STA. = 49+22.39 Δ = 14° 20' 13" (RT) D = 1° 56' 04" R = 2,962.00' T = 372.53' L = 741.17' E = 23.33' e = 3.40% T.R. ATTAINMENT = 0.00' S.E. RUN ATTAINMENT = 61.00' T.R. REMOVAL = 0.00' S.E. RUN REMOVAL = 61.00' P.C. STA = 45+49.86 P.T. STA = 52+91.03</p>	<p>PROP. CURVE 70E64E-2 PI STA. = 58+60.45 Δ = 27° 33' 46" (LT) D = 4° 32' 50" R = 1,260.00' T = 309.05' L = 606.14' E = 37.35' e = 5.60% T.R. ATTAINMENT = 48.00' S.E. RUN ATTAINMENT = 179.00' T.R. REMOVAL = 48.00' S.E. RUN REMOVAL = 179.00' P.C. STA = 55+51.40 P.T. STA = 61+57.54</p>	<p>PROP. CURVE 70E64E-3 PI STA. = 69+25.22 Δ = 12° 02' 09" (RT) D = 6° 49' 15" R = 840.00' T = 88.55' L = 176.46' E = 4.65' e = 6.00% T.R. ATTAINMENT = 0.00' S.E. RUN ATTAINMENT = 144.00' T.R. REMOVAL = 0.00' S.E. RUN REMOVAL = 128.00' P.C. STA = 68+36.66 P.T. STA = 70+13.12</p>	<p>PROP. CURVE 64W55S-1 PI STA. = 115+59.46 Δ = 11° 35' 21" (RT) D = 2° 46' 04" R = 2,070.00' T = 210.07' L = 418.70' E = 10.63' P.C. STA = 113+49.39 P.T. STA = 117+68.09</p>	<p>PROP. CURVE 64W55S-2 PI STA. = 126+23.96 Δ = 69° 27' 35" (LT) D = 7° 34' 58" R = 755.61' T = 523.79' L = 916.03' E = 163.79' P.C. STA = 121+00.17 P.C.C. STA = 130+16.20</p>	<p>PROP. CURVE 64W55S-3 PI STA. = 131+97.14 Δ = 17° 49' 53" (LT) D = 4° 58' 04" R = 1,153.36' T = 180.94' L = 358.95' E = 14.11' P.C.C. STA = 130+16.20 P.T. STA = 133+75.15</p>	<p>PROP. CURVE 64W70W-1 PI STA. = 59+84.84 Δ = 12° 18' 03" (RT) D = 4° 01' 15" R = 1,425.00' T = 153.56' L = 305.93' E = 8.25' e = 5.10% P.C. STA = 58+31.29 P.T. STA = 61+37.22</p>	<p>PROP. CURVE 64W70W-2 PI STA. = 69+02.97 Δ = 25° 20' 51" (LT) D = 4° 23' 14" R = 1,306.00' T = 293.69' L = 577.77' E = 32.62' e = -5.40% P.C. STA = 66+09.28 P.T. STA = 71+87.05</p>	<p>PROP. CURVE 64W70W-3 PI STA. = 82+62.48 Δ = 12° 26' 00" (RT) D = 1° 47' 26" R = 3,200.00' T = 348.57' L = 694.41' E = 18.93' e = 3.50% P.C. STA = 79+13.90 P.T. STA = 86+08.31</p>	<p>PROP. CURVE 70E55N-1 PI STA. = 55+46.88 Δ = 10° 06' 07" (RT) D = 1° 56' 04" R = 2,962.00' T = 261.80' L = 522.24' E = 11.55' e = 3.40% P.C. STA = 52+85.08 P.T. STA = 58+07.32</p>
<p>PROP. CURVE 70E55N-2 PI STA. = 71+23.23 Δ = 87° 23' 14" (LT) D = 5° 12' 31" R = 1,100.00' T = 1,050.95' L = 1,677.71' E = 421.34' e = 5.80% P.C. STA = 60+72.28 P.T. STA = 77+49.99</p>	<p>PROP. CURVE 70E55N-3 PI STA. = 86+06.22 Δ = 20° 41' 07" (LT) D = 1° 54' 35" R = 3,000.00' T = 547.50' L = 1,083.08' E = 49.55' e = 3.40% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 50' P.C. STA = 80+58.72 P.C.C. STA = 91+41.80</p>	<p>PROP. CURVE 70E55N-4 PI STA. = 92+44.00 Δ = 5° 26' 52" (LT) D = 2° 40' 03" R = 2,148.00' T = 102.19' L = 204.23' E = 2.43' e = 4.20% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 29' T.R. REMOVAL = 43' S.E. RUN REMOVAL = 151' P.C.C. STA = 91+41.80 P.T. STA = 93+46.03</p>	<p>PROP. CURVE 55S70W-1 PI STA. = 54+34.08 Δ = 25° 36' 07" (RT) D = 3° 52' 55" R = 1,476.00' T = 335.37' L = 659.54' E = 37.62' e = 5.00% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 107' P.C. STA = 50+98.71 P.C.C. STA = 57+58.25</p>	<p>PROP. CURVE 55S70W-2 PI STA. = 60+50.80 Δ = 14° 29' 29" (RT) D = 2° 29' 24" R = 2,301.00' T = 292.55' L = 581.97' E = 18.52' e = 4.00% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 36' P.C.C. STA = 57+58.25 P.C.C. STA = 63+40.22</p>	<p>PROP. CURVE 55S70W-3 PI STA. = 67+79.76 Δ = 36° 19' 13" (RT) D = 4° 16' 33" R = 1,340.00' T = 439.54' L = 849.44' E = 70.25' e = 5.30% P.C. STA = 63+40.22 P.T. STA = 71+89.66</p>	<p>PROP. CURVE 55S70W-4 PI STA. = 81+39.12 Δ = 26° 52' 21" (RT) D = 2° 00' 32" R = 2,852.00' T = 681.35' L = 1,337.63' E = 80.26' e = 3.50% P.C. STA = 74+57.77 P.T. STA = 87+95.40</p>	<p>PROP. CURVE RAMPK-1 PI STA. = 13+46.02 Δ = 18° 44' 17" (LT) D = 9° 52' 43" R = 520.00' T = 95.70' L = 189.68' E = 7.84' P.C. STA = 12+50.32 P.T. STA = 14+40.00</p>	<p>PROP. CURVE RAMPK-2 PI STA. = 19+02.19 Δ = 42° 22' 31" (RT) D = 11° 01' 06" R = 520.00' T = 201.57' L = 384.59' E = 37.70' P.C. STA = 17+00.63 P.T. STA = 20+85.21</p>	<p>PROP. CURVE RAMPK-3 PI STA. = 21+68.45 Δ = 27° 30' 47" (RT) D = 16° 51' 06" R = 340.00' T = 83.24' L = 163.27' E = 10.04' P.C. STA = 20+85.21 P.T. STA = 22+48.48</p>
<p>PROP. CURVE RAMPK-1 PI STA. = 18+60.32 Δ = 93° 33' 51" (RT) D = 35° 48' 36" R = 160.00' T = 170.28' L = 261.28' E = 73.65' e = 8.00% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 138' T.R. REMOVAL = 46' S.E. RUN REMOVAL = 183' P.C. STA = 16+90.04 P.T. STA = 19+51.32</p>	<p>PROP. CURVE RAMPK-2 PI STA. = 23+33.57 Δ = 4° 45' 38" (LT) D = 1° 02' 30" R = 5,000.00' T = 228.62' L = 456.97' E = 4.75' e = 8.00% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 6' P.C. STA = 21+04.96 P.C.C. STA = 25+61.92</p>	<p>PROP. CURVE RAMPK-3 PI STA. = 29+84.93 Δ = 16° 03' 07" (LT) D = 1° 54' 35" R = 3,000.00' T = 423.01' L = 840.48' E = 29.68' e = 3.40% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 38' P.C. STA = 25+61.92 P.C.C. STA = 34+02.41</p>	<p>PROP. CURVE RAMPK-4 PI STA. = 35+16.42 Δ = 6° 01' 47" (LT) D = 2° 38' 48" R = 2,164.81' T = 114.02' L = 227.82' E = 3.00' e = 4.20% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 29' T.R. REMOVAL = 43' S.E. RUN REMOVAL = 151' P.C.C. STA = 34+02.41 P.T. STA = 36+30.23</p>	<p>PROP. CURVE RAMPK-1 PI STA. = 12+06.12 Δ = 10° 27' 51" (RT) D = 2° 37' 37" R = 350.00' T = 199.73' L = 398.35' E = 9.13' e = 5.00% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 106' P.C. STA = 10+06.39 P.C.C. STA = 14+04.74</p>	<p>PROP. CURVE RAMPK-2 PI STA. = 16+69.30 Δ = 74° 10' 12" (RT) D = 16° 22' 13" R = 350.00' T = 264.56' L = 453.08' E = 88.74' e = 8.00% T.R. ATTAINMENT = 0' S.E. RUN ATTAINMENT = 77' T.R. REMOVAL = EXIST. S.E. RUN REMOVAL = EXIST. P.C.C. STA = 14+04.74 P.T. STA = 18+57.82</p>	<p>PROP. CURVE RAMPK-3 PI STA. = 22+11.53 Δ = 61° 19' 55" (LT) D = 29° 59' 52" R = 191.00' T = 113.25' L = 326.04' E = 31.05' e = 6.00% T.R. ATTAINMENT = EXIST. S.E. RUN ATTAINMENT = EXIST. T.R. REMOVAL = EXIST. S.E. RUN REMOVAL = EXIST. P.C. STA = 20+98.28 P.T. STA = 23+02.74</p>	<p>PROP. CURVE RAMPK-1 PI STA. = 18+21.27 Δ = 67° 55' 49" (RT) D = 20° 50' 05" R = 275.00' T = 185.25' L = 326.04' E = 56.57' e = 7.90% T.R. ATTAINMENT = 0.00' S.E. RUN ATTAINMENT = 143.00' T.R. REMOVAL = 0.00' S.E. RUN REMOVAL = 106.00' P.C. STA = 16+36.03 P.T. STA = 19+62.07</p>	<p>PROP. CURVE RAMPK-2 PI STA. = 12+04.26 Δ = 67° 24' 17" (RT) D = 22° 28' 08" R = 255.00' T = 170.08' L = 299.99' E = 51.52' P.C. STA = 10+34.18 P.T. STA = 13+34.17</p>	<p>PROP. CURVE RAMPK-3 PI STA. = 17+36.68 Δ = 1° 01' 55" (RT) D = 1° 00' 32" R = 5679.66' T = 51.14' L = 102.28' E = 0.23' P.C. STA = 16+85.54 P.T. STA = 17+87.82</p>

FILE NAME =	USER NAME = mmccomachs	DESIGNED - OP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D8T91-7EC45-sh1-ATB-04.dgn		DRAWN - OP	REVISED -			82-1SG	ST. CLAIR	145	14	
PLOT SCALE = 100.0000' / in.		CHECKED - DBM	REVISED -			*998/70/64	CONTRACT NO. 76C45			
PLOT DATE = 2/2/2012		DATE = 2/2/2012	REVISED -			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			