

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. STA = 71+33.67  
P.C.C. STA = 76+00.02

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

PROP. CURVE 64W-3  
PI STA. = 83+20.10  
Δ = 2° 30' 26" (RT)  
D = 1° 58' 33"  
R = 2,900.00'  
T = 63.46'  
L = 126.91'  
E = 0.69'  
P.C.C. STA = 82+56.64  
P.C.C. STA = 83+83.54

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

PROP. CURVE 64W-5  
PI STA. = 88+27.34  
Δ = 3° 30' 05" (RT)  
D = 2° 05' 01"  
R = 2,750.00'  
T = 84.06'  
L = 168.06'  
E = 1.28'  
P.C.C. STA = 87+43.28  
P.C.C. STA = 89+11.35

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

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. STA = 40+02.75  
P.T. STA = 42+12.19

PROP. CURVE 64E-2  
PI STA. = 46+54.23  
Δ = 0° 56' 39" (LT)  
D = 0° 28' 39"  
R = 12,000.00'  
T = 98.87'  
L = 197.74'  
E = 0.41'  
P.C. STA = 45+55.36  
P.T. STA = 47+53.10

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

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

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

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

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

PROP. CURVE 55N64E-3  
PI STA. = 67+43.14  
Δ = 53° 06' 29" (RT)  
D = 6° 49' 15"  
R = 840.00'  
T = 419.80'  
L = 778.61'  
E = 99.06'  
e = 6.00%  
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

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

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

PROP. CURVE 64W55N-3  
PI STA. = 71+67.17  
Δ = 2° 12' 35" (LT)  
D = 2° 57' 14"  
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

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

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

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

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

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

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

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

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

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. STA = 130+16.20  
P.T. STA = 133+75.15

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

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

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

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

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

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

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

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

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

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

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

PROP. CURVE RAMPK-1  
PI STA. = 13+46.02  
Δ = 18° 44' 17" (LT)  
D = 9° 52' 43"  
R = 580.00'  
T = 95.70'  
L = 189.68'  
E = 7.84'  
P.C. STA = 12+50.32  
P.T. STA = 14+40.00

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

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

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

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

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

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 = 9.13'  
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

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 = 88.74'  
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

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 = 56.57'  
e = 8.00%  
T.R. ATTAINMENT = 0'  
S.E. RUN ATTAINMENT = 77'  
T.R. REMOVAL = EXIST.  
S.E. RUN REMOVAL = EXIST.  
P.C. STA = 14+04.74  
P.T. STA = 18+57.82

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 = 204.46'  
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

PROP. CURVE RAMPK-4  
PI STA. = 18+21.27  
Δ = 67° 55' 49" (RT)  
D = 20° 50' 05"  
R = 275.00'  
T = 185.25'  
L = 326.04'  
E = 51.52'  
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

PROP. CURVE RAMPB-1  
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

PROP. CURVE RAMPB-2  
PI STA. = 17+36.68  
Δ = 1° 00' 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

NOTE: REFER TO SHEET 350  
OF THE CORE GRADING PLANS  
SHEET FOR LAYOUT OF CURVES  
64W55N-3 AND 64W55N-4

NOTE:  
INFORMATION ON THIS SHEET  
FROM CONTRACT 76C52

FILE NAME =	USER NAME = searsh	DESIGNED OP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES AND BENCHMARKS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DBTR1-76C52-ht-ATB-04.dgn		DRAWN OP	REVISED -			64	82-1-R(A)LS	ST. CLAIR	89	10	
PLOT SCALE = 200.0000' / in.		CHECKED DBM	REVISED -			CONTRACT NO. 76F71					
PLOT DATE = 1/24/2012		DATE 1-20-12	REVISED -			SCALE: NONE	SHEET NO. 4 OF 9 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT