PR CURVE 74E1
PI STA = 536+46.10
Δ = 38° 41' 45" (LT)
D = 1° 30' 00"
R = 3,819.72'
T = 1,341.24'
L = 2,579.73'
E = 228.64'
e = 4.6%
TR = -----
SE RUN = -----
PC STA = 523+04.86
PT STA = 548+84.59

PC TR = 90' (WB 1.5% LANE)
PC TR = 112.5' (EB 1.5% LANE)
PC TR = 150' (2% LANE)
PC SE RUN = 345' EB / 276' WB
PT SE RUN = 276'
PT TR = 90' (1.5% LANE)
PT TR = 120' (2% LANE)

PR CURVE 74E2
PI STA = 576+92.67
Δ = 13° 36' 59" (RT)
D = 0° 28' 00"
R = 12,277.67'
T = 1,465.80'
L = 2,917.79'
E = 87.19'
e = 2%
TR = 90' (1.5%), 120' (2%)
SE RUN = 120'
PC STA = 562+26.87
PT STA = 591+44.66

PR CURVE I155C1
PI STA = 7+65.35
Δ = 10° 55' 46" (LT)
D = 0° 42' 58"
R = 8,000.00'
T = 765.35'
L = 1,526.05'
E = 36.53'
e = NC
TR = N/A
SE RUN = N/A
PC STA = 0+00.00
PT STA = 15+26.05

PR CURVE I155C2
PI STA = 38+21.27
Δ = 27° 55' 17" (RT)
D = 1° 30' 00"
R = 3,819.72'
T = 949.58'
L = 1,861.43'
E = 116.26'
e = 4.6%
TR = 67.5' (NB), 90' (SB)
SE RUN = 207' (NB), 276' (SB)
PC STA = 28+71.69
PT STA = 47+33.11

PR CURVE CURE1
PI STA = 209+12.54
Δ = 13° 50' 23" (RT)
D = 7° 29' 23"
R = 765.00'
T = 92.84'
L = 184.78'
E = 5.61'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 208+19.70
PT STA = 210+04.48

PR CURVE CURE2
PI STA = 213+21.97
Δ = 73° 31' 18" (RT)
D = 13° 28' 53"
R = 425.00'
T = 317.49'
L = 545.36'
E = 105.49'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 210+04.48
PT STA = 215+49.84

PR CURVE CURE3
PI STA = 216+68.87
Δ = 17° 41' 14" (RT)
D = 7° 29' 23"
R = 765.00'
T = 119.03'
L = 236.16'
E = 9.20'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 215+49.84
PT STA = 217+86.00

PR CURVE CURF1
PI STA = 331+39.86
Δ = 31° 18' 20" (RT)
D = 2° 47' 42"
R = 2,050.00'
T = 574.41'
L = 1,120.09'
E = 78.95'
e = 6%
TR = 67.5'
SE RUN = 270'
PC STA = 325+65.45
PT STA = 336+85.54

PR CURVE CURG1
PI STA = 14+10.12
Δ = 12° 27' 09" (RT)
D = 1° 31' 27"
R = 3,759.17'
T = 410.12'
L = 817.01'
E = 22.31'
e = 4.6%
TR = N/A
SE RUN = N/A
PC STA = 10+00.00
PT STA = 18+17.01

PR CURVE CURG2
PI STA = 19+30.34
Δ = 16° 57' 45" (RT)
D = 7° 32' 20"
R = 760.00'
T = 113.33'
L = 225.00'
E = 8.40'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 18+17.01
PT STA = 20+42.01

PR CURVE CURG3
PI STA = 21+35.75
Δ = 22° 47' 42" (RT)
D = 12° 19' 18"
R = 465.00'
T = 93.74'
L = 185.00'
E = 9.35'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 20+42.01
PT STA = 22+27.01

PR CURVE CURG4
PI STA = 24+86.56
Δ = 92° 08' 54" (RT)
D = 22° 55' 06"
R = 250.00'
T = 259.55'
L = 402.07'
E = 110.37'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 22+27.01
PT STA = 26+29.08

PR CURVE CURG5
PI STA = 28+60.49
Δ = 52° 54' 54" (RT)
D = 12° 19' 18"
R = 465.00'
T = 231.41'
L = 429.45'
E = 54.40'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 26+29.08
PT STA = 30+58.53

PR CURVE CURG6
PI STA = 34+13.83
Δ = 49° 25' 40" (RT)
D = 7° 25' 18"
R = 772.00'
T = 355.31'
L = 665.99'
E = 77.84'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 30+58.53
PT STA = 37+24.51

PR CURVE CURG7
PI STA = 38+28.84
Δ = 1° 29' 29" (LT)
D = 0° 42' 53"
R = 8,016.00'
T = 104.33'
L = 208.64'
E = 0.68'
e = 8%
TR = N/A
SE RUN = N/A
PC STA = 37+24.51
PT STA = 39+33.16

PR CURVE CURH1
PI STA = 101+68.65
Δ = 2° 24' 56" (RT)
D = 0° 42' 58"
R = 8,000.00'
T = 168.65'
L = 337.26'
E = 1.78'
e = NC
TR = N/A
SE RUN = N/A
PC STA = 100+00.00
PT STA = 103+37.26

PR CURVE CURH2
PI STA = 110+71.67
Δ = 82° 39' 54" (LT)
D = 6° 51' 42"
R = 835.00'
T = 734.41'
L = 1,204.72'
E = 277.01'
e = 6%
TR = 48'
SE RUN = 192'
PC STA = 103+37.26
PT STA = 115+41.98

PR CURVE CURH3
PI STA = 124+93.06
Δ = 38° 49' 26" (RT)
D = 6° 47' 48"
R = 843.00'
T = 297.06'
L = 571.22'
E = 50.81'
e = 6%
TR = 48'
SE RUN = 192'
PC STA = 121+96.00
PT STA = 127+67.22

PR CURVE PRMRE1
PI STA = 17+77.79
Δ = 39° 38' 37" (RT)
D = 12° 11' 26"
R = 470.00'
T = 169.41'
L = 325.20'
E = 29.60'
e = 6%
TR = N/A
SE RUN = N/A
PC STA = 16+08.38
PT STA = 19+33.58

PR CURVE PRMRE2
PI STA = 22+89.10
Δ = 46° 07' 32" (RT)
D = 6° 51' 42"
R = 835.00'
T = 355.52'
L = 672.21'
E = 72.53'
e = 6%
TR = N/A
SE RUN = N/A
PC STA = 19+33.58
PT STA = 26+05.79

PR CURVE PRMRE3
PI STA = 30+33.94
Δ = 1° 37' 08" (LT)
D = 0° 23' 24"
R = 14,696.05'
T = 207.62'
L = 415.21'
E = 1.47'
e = N/A
TR = N/A
SE RUN = N/A
PC STA = 28+26.32
PT STA = 32+41.53

PR CURVE PRMRB1
PI STA. = 3+17.81
Δ = 19° 17' 46" (LT)
D = 11° 21' 05"
R = 504.75'
T = 85.81'
L = 169.99'
E = 7.24'
e = --
T.R. = --
S.E. RUN = --
P.C. STA = 2+32.00
P.T. STA = 4+01.99

PR CURVE PRMRB2
PI STA. = 5+40.38
Δ = 32° 44' 10" (LT)
D = 12° 09' 36"
R = 471.18'
T = 138.39'
L = 269.21'
E = 19.90'
e = --
T.R. = --
S.E. RUN = --
P.C. STA = 4+01.99
P.T. STA = 6+71.20

PR CURVE PRMRF1
PI STA = 1003+38.14
Δ = 3° 11' 11" (RT)
D = 0° 28' 17"
R = 12,157.98'
T = 338.14'
L = 676.11'
E = 4.70'
e = 2%
TR = N/A
SE RUN = N/A
PC STA = 1000+00.00
PT STA = 1006+76.11

PR CURVE PRMRF2
PI STA = 1009+16.45
Δ = 11° 27' 33" (RT)
D = 5° 43' 46"
R = 1,000.00'
T = 100.33'
L = 200.00'
E = 5.02'
e = 5.9%
TR = N/A
SE RUN = 208'
PC STA = 1008+16.11
PT STA = 1010+16.11

PR CURVE PRMRF3
PI STA = 1014+27.62
Δ = 9° 10' 31" (LT)
D = 4° 35' 01"
R = 1,250.00'
T = 100.30'
L = 200.17'
E = 4.02'
e = 5.5%
TR = 67'
SE RUN = 251'
PC STA = 1013+27.32
PT STA = 1015+27.49

PR CURVE CURD1
PI STA = 1106+18.42
Δ = 7° 11' 44" (LT)
D = 3° 10' 59"
R = 1,800.00'
T = 113.18'
L = 226.06'
E = 3.55'
e = 4.6%
TR = 48'
SE RUN = 147'
PC STA = 1105+05.25
PT STA = 1107+31.30

PR CURVE CURD2
PI STA = 1110+90.62
Δ = 10° 22' 11" (RT)
D = 3° 10' 59"
R = 1,800.00'
T = 163.33'
L = 325.77'
E = 7.40'
e = 4.6%
TR = 48'
SE RUN = 147'
PC STA = 1109+27.29
PT STA = 1112+53.07

EX CURVE 155E1
PI STA = 34+98.14
Δ = 27° 55' 17" (RT)
D = 1° 30' 00"
R = 3,819.72'
T = 949.58'
L = 1,861.43'
E = 116.26'
e = -----
TR = -----
SE RUN = -----
PC STA = 25+48.56
PT STA = 44+09.99

EX CURVE 155E2
PI STA = 4+14.76
Δ = 11° 00' 21" (LT)
D = 2° 00' 00"
R = 2,864.79'
T = 276.00'
L = 550.30'
E = 13.26'
e = -----
TR = -----
SE RUN = -----
PC STA = 1+38.76
PT STA = 6+89.06

EX CURVE EXMRA1
PI STA = 100+79.96
Δ = 16° 06' 06" (RT)
D = 10° 08' 09"
R = 565.28'
T = 79.96'
L = 158.86'
E = 5.63'
e = -----
TR = -----
SE RUN = -----
PC STA = 100+00.00
PT STA = 101+58.86

EX CURVE EXMRA2
PI STA = 107+42.21
Δ = 128° 04' 56" (RT)
D = 20° 10' 28"
R = 284.00'
T = 583.35'
L = 634.87'
E = 364.81'
e = -----
TR = -----
SE RUN = -----
PC STA = 101+58.86
PT STA = 107+93.73

EX CURVE EXMRA3
PI STA = 110+68.16
Δ = 102° 49' 06" (RT)
D = 26° 09' 45"
R = 219.00'
T = 274.43'
L = 393.00'
E = 132.10'
e = -----
TR = -----
SE RUN = -----
PC STA = 107+93.73
PT STA = 111+86.73

EX CURVE EXMRA4
PI STA = 112+52.23
Δ = 17° 24' 11" (RT)
D = 13° 23' 13"
R = 428.00'
T = 65.50'
L = 130.00'
E = 4.98'
e = -----
TR = -----
SE RUN = -----
PC STA = 111+86.73
PT STA = 113+16.73

EX CURVE EXMRA5
PI STA = 113+86.89
Δ = 9° 22' 54" (RT)
D = 6° 42' 05"
R = 855.00'
T = 70.16'
L = 140.00'
E = 2.87'
e = -----
TR = -----
SE RUN = -----
PC STA = 113+16.73
PT STA = 114+56.73

EX CURVE EXMRB1
PI STA = 210+64.92
Δ = 43° 05' 58" (RT)
D = 7° 26' 44"
R = 769.53'
T = 303.90'
L = 578.86'
E = 57.83'
e = -----
TR = -----
SE RUN = -----
PC STA = 207+61.02
PT STA = 213+39.88

FILE NAME =	DESIGNED - I S	REVISED -	benesch engineers · scientists · planners
...\D468620-sht_ATB-CurveData12.dgn	DRAWN - TMB	REVISED -	**STATE OF ILLINOIS** **DEPARTMENT OF TRANSPORTATION**
USER NAME = tblank	CHECKED - JNR	REVISED -	**ALIGNMENT TIES AND BENCHMARKS** **CURVE DATA**
PLOT DATE = 7/17/2012	DATE - JULY 20, 2012	REVISED -	SCALE: NTS | SHEET NO. 12 OF 16 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	184
		CONTRACT NO. 68620		
	ILLINOIS FED. AID PROJECT			

• 74 & 155