

RAMP B

Curve Data

Curve RAMPB-9

P. I. Station = 66+96.04 N 1,839,119.68 E 1,188,698.67
 Delta = 23° 39' 26" (RT)
 Degree = 9° 01' 36"
 Tangent = 132.93
 Length = 262.08
 Radius = 634.74
 External = 13.77
 Long Chord = 260.22
 Mid. Ord. = 13.48
 P. C. Station = 65+63.11 N 1,839,210.32 E 1,188,601.43
 P. T. Station = 68+25.19 N 1,838,997.64 E 1,188,751.36
 C. C. = N 1,838,746.03 E 1,188,168.62
 Back = S 47° 00' 38" E
 Ahead = S 23° 21' 12" E
 Chord Bear = S 35° 10' 55" E

Curve Data

Curve RAMPB-10

P. I. Station = 69+70.68 N 1,838,862.14 E 1,188,804.35
 Delta = 26° 37' 02" (RT)
 Degree = 9° 18' 56"
 Tangent = 145.49
 Length = 285.73
 Radius = 615.06
 External = 16.97
 Long Chord = 283.17
 Mid. Ord. = 16.52
 P. C. Station = 68+25.19 N 1,838,997.64 E 1,188,751.36
 P. T. Station = 71+10.92 N 1,838,717.26 E 1,188,791.01
 C. C. = N 1,838,773.64 E 1,188,178.54
 Back = S 21° 21' 28" E
 Ahead = S 5° 15' 34" W
 Chord Bear = S 8° 02' 57" E

Course from PT RAMPB-10 to RB7 S 5° 41' 23" W Dist 261.71

Point RB7 N 1,838,456.84 E 1,188,765.06 Sta 73+72.63

Course from RB7 to RB8 S 7° 17' 30" W Dist 78.36

Point RB8 N 1,838,379.11 E 1,188,755.12 Sta 74+50.99

Course from RB8 to PC RAMPB-11 S 4° 28' 44" W Dist 190.45

Curve Data

Curve RAMPB-11

P. I. Station = 77+32.00 N 1,838,098.89 E 1,188,734.06
 Delta = 1° 01' 55" (LT)
 Degree = 0° 34' 11"
 Tangent = 90.57
 Length = 181.14
 Radius = 10,057.73
 External = 0.41
 Long Chord = 181.14
 Mid. Ord. = 0.41
 P. C. Station = 76+41.43 N 1,838,189.25 E 1,188,740.25
 P. T. Station = 78+22.57 N 1,838,008.43 E 1,188,729.50
 C. C. = N 1,837,501.97 E 1,198,774.47
 Back = S 3° 55' 06" W
 Ahead = S 2° 53' 11" W
 Chord Bear = S 3° 24' 08" W

Curve Data

Curve RAMPB-12

P. I. Station = 80+00.83 N 1,837,830.36 E 1,188,721.37
 Delta = 6° 20' 01" (LT)
 Degree = 1° 46' 42"
 Tangent = 178.26
 Length = 356.15
 Radius = 3,221.81
 External = 4.93
 Long Chord = 355.97
 Mid. Ord. = 4.92
 P. C. Station = 78+22.57 N 1,838,008.43 E 1,188,729.50
 P. T. Station = 81+78.72 N 1,837,652.48 E 1,188,732.94
 C. C. = N 1,837,861.57 E 1,191,947.96
 Back = S 2° 36' 46" W
 Ahead = S 3° 43' 15" E
 Chord Bear = S 0° 33' 15" E

Course from PT RAMPB-12 to RB9 S 3° 30' 13" E Dist 311.14

Point RB9 N 1,837,341.92 E 1,188,751.95 Sta 84+89.86

Course from RB9 to PC RAMPB-13 S 4° 07' 25" E Dist 54.29

Curve Data

Curve RAMPB-13

P. I. Station = 87+26.59 N 1,837,106.34 E 1,188,774.95
 Delta = 78° 08' 26" (LT)
 Degree = 25° 29' 44"
 Tangent = 182.44
 Length = 306.49
 Radius = 224.73
 External = 64.73
 Long Chord = 283.28
 Mid. Ord. = 50.26
 P. C. Station = 85+44.15 N 1,837,287.78 E 1,188,755.86
 P. T. Station = 88+50.64 N 1,837,087.73 E 1,188,956.44
 C. C. = N 1,837,311.29 E 1,188,979.35
 Back = S 6° 00' 24" E
 Ahead = S 84° 08' 50" E
 Chord Bear = S 45° 04' 37" E

Curve Data

Curve RAMPB-14

P. I. Station = 88+91.99 N 1,837,083.30 E 1,188,997.55
 Delta = 5° 05' 25" (LT)
 Degree = 6° 09' 33"
 Tangent = 41.35
 Length = 82.65
 Radius = 930.23
 External = 0.92
 Long Chord = 82.62
 Mid. Ord. = 0.92
 P. C. Station = 88+50.64 N 1,837,087.73 E 1,188,956.44
 P. T. Station = 89+33.28 N 1,837,082.53 E 1,189,038.89
 C. C. = N 1,838,012.60 E 1,189,056.22
 Back = S 83° 50' 32" E
 Ahead = S 88° 55' 57" E
 Chord Bear = S 86° 23' 14" E

Course from PT RAMPB-14 to RB10 S 88° 55' 57" E Dist 318.47

Point RB10 N 1,837,076.59 E 1,189,357.31 Sta 92+51.75

Course from RB10 to RB11 S 88° 56' 22" E Dist 285.23

Point RB11 N 1,837,071.32 E 1,189,642.49 Sta 95+36.99

Course from RB11 to RB12 N 88° 23' 29" E Dist 15.92

Point RB12 N 1,837,071.76 E 1,189,658.40 Sta 95+52.90

RAMP C

Point RC1 N 1,839,129.64 E 1,187,512.19 Sta 10+00.00

Course from RC1 to PC RAMPC-1 N 88° 18' 06" E Dist 94.22

Curve Data

Curve RAMPC-1

P. I. Station = 12+57.28 N 1,839,139.56 E 1,187,769.27
 Delta = 17° 03' 32" (LT)
 Degree = 5° 16' 11"
 Tangent = 163.06
 Length = 323.72
 Radius = 1,087.26
 External = 12.16
 Long Chord = 322.52
 Mid. Ord. = 12.03
 P. C. Station = 10+94.22 N 1,839,132.43 E 1,187,606.36
 P. T. Station = 14+17.93 N 1,839,194.17 E 1,187,922.92
 C. C. = N 1,840,218.65 E 1,187,558.80
 Back = N 87° 29' 35" E
 Ahead = N 70° 26' 02" E
 Chord Bear = N 78° 57' 48" E

FILE NAME = D:\B0808-831-ATB.dgn

DESIGNED -	REVISED -
DRAWN - DW/ZR	REVISED -
CHECKED - ES	REVISED -
DATE - 01/29/2009	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BISHOP FORD EXPRESSWAY (I-94)
ALIGNMENTS

SCALE: N/A SHEET NO. 11 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	(0312-708W, ETC. & 1315RS-4)	COOK	167	31
CONTRACT NO. 60C08				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				