

RAMP G

Point RG1 N 1,835,897.99 E 1,187,366.59 Sta 10+00.00

Course from RG1 to PC RAMPG-1 N 45° 59' 39" E Dist 428.53

Curve Data

Curve RAMPG-1

P. I. Station = 14+92.27 N 1,836,239.69 E 1,187,720.95
 Delta = 6° 11' 39" (LT)
 Degree = 4° 51' 49"
 Tangent = 63.74
 Length = 127.36
 Radius = 1,178.07
 External = 1.72
 Long Chord = 127.30
 Mid. Ord. = 1.72
 P. C. Station = 14+28.53 N 1,836,195.71 E 1,187,674.82
 P. T. Station = 15+55.89 N 1,836,288.40 E 1,187,762.07
 C. C. = N 1,837,048.37 E 1,186,861.91
 Back = N 46° 22' 03" E
 Ahead = N 40° 10' 24" E
 Chord Bear = N 43° 16' 13" E

Curve Data

Curve RAMPG-2

P. I. Station = 17+23.91 N 1,836,422.54 E 1,187,863.25
 Delta = 18° 07' 49" (LT)
 Degree = 5° 26' 27"
 Tangent = 168.02
 Length = 333.23
 Radius = 1,053.09
 External = 13.32
 Long Chord = 331.84
 Mid. Ord. = 13.15
 P. C. Station = 15+55.89 N 1,836,288.40 E 1,187,762.07
 P. T. Station = 18+89.12 N 1,836,581.50 E 1,187,917.67
 C. C. = N 1,836,922.56 E 1,186,921.34
 Back = N 37° 01' 38" E
 Ahead = N 18° 53' 49" E
 Chord Bear = N 27° 57' 44" E

Curve Data

Curve RAMPG-3

P. I. Station = 19+67.42 N 1,836,655.07 E 1,187,944.46
 Delta = 7° 05' 28" (LT)
 Degree = 4° 32' 02"
 Tangent = 78.30
 Length = 156.40
 Radius = 1,263.69
 External = 2.42
 Long Chord = 156.30
 Mid. Ord. = 2.42
 P. C. Station = 18+89.12 N 1,836,581.50 E 1,187,917.67
 P. T. Station = 20+45.52 N 1,836,731.39 E 1,187,961.96
 C. C. = N 1,837,013.89 E 1,186,730.25
 Back = N 20° 00' 31" E
 Ahead = N 12° 55' 03" E
 Chord Bear = N 16° 27' 47" E

Curve Data

Curve RAMPG-4

P. I. Station = 21+41.77 N 1,836,826.29 E 1,187,978.01
 Delta = 10° 43' 18" (LT)
 Degree = 5° 35' 09"
 Tangent = 96.25
 Length = 191.94
 Radius = 1,025.72
 External = 4.51
 Long Chord = 191.66
 Mid. Ord. = 4.49
 P. C. Station = 20+45.52 N 1,836,731.39 E 1,187,961.96
 P. T. Station = 22+37.46 N 1,836,922.53 E 1,187,976.12
 C. C. = N 1,836,902.38 E 1,186,950.59
 Back = N 9° 35' 45" E
 Ahead = N 1° 07' 33" W
 Chord Bear = N 4° 14' 06" E

Course from PT RAMPG-4 to RG2 N 1° 40' 44" W Dist 53.79

Point RG2 N 1,836,976.30 E 1,187,974.54 Sta 22+91.25

RAMP H

Point RH1 N 1,835,569.87 E 1,187,368.34 Sta 10+00.00

Course from RH1 to PC RAMPH-1 N 41° 41' 58" E Dist 607.64

Curve Data

Curve RAMPH-1

Feature: 111
 P. I. Station = 18+45.11 N 1,836,205.32 E 1,187,925.38
 Delta = 17° 57' 22" (RT)
 Degree = 3° 48' 43"
 Tangent = 237.47
 Length = 471.04
 Radius = 1,503.01
 External = 18.64
 Long Chord = 469.11
 Mid. Ord. = 18.41
 P. C. Station = 16+07.64 N 1,836,023.56 E 1,187,772.56
 P. T. Station = 20+78.68 N 1,836,331.11 E 1,188,126.79
 C. C. = N 1,835,056.31 E 1,188,922.98
 Back = N 40° 03' 24" E
 Ahead = N 58° 00' 46" E
 Chord Bear = N 49° 02' 05" E

Course from PT RAMPH-1 to PC RAMPH-2 N 57° 11' 12" E Dist 1,032.39

Curve Data

Curve RAMPH-2

Feature: 111
 P. I. Station = 32+23.60 N 1,836,953.49 E 1,189,087.74
 Delta = 30° 07' 48" (RT)
 Degree = 13° 42' 19"
 Tangent = 112.53
 Length = 219.84
 Radius = 418.06
 External = 14.88
 Long Chord = 217.32
 Mid. Ord. = 14.37
 P. C. Station = 31+11.07 N 1,836,890.57 E 1,188,994.45
 P. T. Station = 33+30.92 N 1,836,961.09 E 1,189,200.01
 C. C. = N 1,836,543.98 E 1,189,228.24
 Back = N 55° 59' 57" E
 Ahead = N 86° 07' 45" E
 Chord Bear = N 71° 03' 51" E

Course from PT RAMPH-2 to RH2 N 86° 56' 46" E Dist 387.01

Point RH2 N 1,836,981.71 E 1,189,586.47 Sta 37+17.92

Course from RH2 to RH3 N 88° 23' 29" E Dist 57.20

Point RH3 N 1,836,983.31 E 1,189,643.65 Sta 37+75.13

FILE NAME = D160C08-835-ATB.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BISHOP FORD EXPRESSWAY (I-94) ALIGNMENT AND TIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - DW/ZR	REVISED -			94	(0312-708W, ETC. & 1315RS-4)	COOK	167	35
	CHECKED - ES	REVISED -			CONTRACT NO. 60C08				
	DATE - 01/29/2009	REVISED -			SCALE: N/A	SHEET NO. 15 OF 18 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT