

I-94 (BISHOP FORD)

Point ML1 N 1,838,908.86 E 1,179,680.15 Sta 110+00.00  
 Course from ML1 to PC ML-I-94-1 N 88° 16' 27" E Dist 4,021.91

Curve Data

Curve ML-I-94-1

P. I. Station 197+03.56 N 1,839,170.98 E 1,188,379.76  
 Delta = 115° 23' 36" (RT)  
 Degree = 1° 56' 08"  
 Tangent = 4,681.64  
 Length = 5,961.41  
 Radius = 2,960.00  
 External = 2,578.90  
 Long Chord = 5,003.76  
 Mid. Ord. = 1,378.17  
 P. C. Station 150+21.91 N 1,839,029.98 E 1,183,700.24  
 P. T. Station 209+83.33 N 1,834,883.10 E 1,186,500.42  
 C. C. N 1,836,071.33 E 1,183,789.38  
 Back = N 88° 16' 27" E  
 Ahead = S 23° 40' 03" W  
 Chord Bear = S 34° 01' 45" E

Course from PT ML-I-94-1 to PC ML-I-94-2 S 23° 40' 03" W Dist 927.27

Curve Data

Curve ML-I-94-2

P. I. Station 227+85.40 N 1,833,232.60 E 1,185,777.02  
 Delta = 2° 11' 10" (LT)  
 Degree = 0° 07' 30"  
 Tangent = 874.80  
 Length = 1,749.39  
 Radius = 45,850.00  
 External = 8.34  
 Long Chord = 1,749.29  
 Mid. Ord. = 8.34  
 P. C. Station 219+10.60 N 1,834,033.82 E 1,186,128.19  
 P. T. Station 236+59.99 N 1,832,418.57 E 1,185,456.67  
 C. C. N 1,815,628.39 E 1,228,121.79  
 Back = S 23° 40' 03" W  
 Ahead = S 21° 28' 53" W  
 Chord Bear = S 22° 34' 28" W

Course from PT ML-I-94-2 to PC ML-I-94-3 S 21° 28' 53" W Dist 3,376.38

Curve Data

Curve ML-I-94-3

P. I. Station 275+12.04 N 1,828,834.09 E 1,184,046.05  
 Delta = 23° 13' 21" (LT)  
 Degree = 2° 28' 30"  
 Tangent = 475.67  
 Length = 938.29  
 Radius = 2,315.00  
 External = 48.36  
 Long Chord = 931.88  
 Mid. Ord. = 47.37  
 P. C. Station 270+36.36 N 1,829,276.72 E 1,184,220.24  
 P. T. Station 279+74.65 N 1,828,358.64 E 1,184,060.51  
 C. C. N 1,828,428.97 E 1,186,374.44  
 Back = S 21° 28' 53" W  
 Ahead = S 1° 44' 28" E  
 Chord Bear = S 9° 52' 12" W

Course from PT ML-I-94-3 to PC ML-I-94-4 S 1° 44' 28" E Dist 2,621.85

Curve Data

Curve ML-I-94-4

P. I. Station 313+88.62 N 1,824,946.25 E 1,184,164.23  
 Delta = 31° 35' 31" (LT)  
 Degree = 2° 02' 47"  
 Tangent = 792.11  
 Length = 1,543.88  
 Radius = 2,800.00  
 External = 109.89  
 Long Chord = 1,524.39  
 Mid. Ord. = 105.74  
 P. C. Station 305+96.51 N 1,825,737.99 E 1,184,140.17  
 P. T. Station 321+40.38 N 1,824,284.45 E 1,184,599.50  
 C. C. N 1,825,823.07 E 1,186,938.87  
 Back = S 1° 44' 28" E  
 Ahead = S 33° 19' 59" E  
 Chord Bear = S 17° 32' 14" E

Course from PT ML-I-94-4 to PC ML-I-94-5 S 33° 19' 59" E Dist 9,508.03

Curve Data

Curve ML-I-94-5

P. I. Station 429+80.78 N 1,815,227.41 E 1,190,556.37  
 Delta = 32° 42' 40" (RT)  
 Degree = 1° 15' 43"  
 Tangent = 1,332.37  
 Length = 2,591.96  
 Radius = 4,540.00  
 External = 191.47  
 Long Chord = 2,556.91  
 Mid. Ord. = 183.72  
 P. C. Station 416+48.41 N 1,816,340.59 E 1,189,824.23  
 P. T. Station 442+40.38 N 1,813,895.12 E 1,190,570.83  
 C. C. N 1,813,845.83 E 1,186,031.10  
 Back = S 33° 19' 59" E  
 Ahead = S 0° 37' 19" E  
 Chord Bear = S 16° 58' 39" E

Course from PT ML-I-94-5 to PC ML-I-94-6 S 0° 37' 19" E Dist 4,568.07

Curve Data

Curve ML-I-94-6

P. I. Station 493+98.98 N 1,808,736.81 E 1,190,626.83  
 Delta = 8° 00' 00" (RT)  
 Degree = 0° 40' 42"  
 Tangent = 590.54  
 Length = 1,179.15  
 Radius = 8,445.00  
 External = 20.62  
 Long Chord = 1,178.20  
 Mid. Ord. = 20.57  
 P. C. Station 488+08.45 N 1,809,327.32 E 1,190,620.42  
 P. T. Station 499+87.60 N 1,808,151.17 E 1,190,551.00  
 C. C. N 1,809,235.64 E 1,182,175.92  
 Back = S 0° 37' 19" E  
 Ahead = S 7° 22' 41" W  
 Chord Bear = S 3° 22' 41" W

FILE NAME = D:\B\CB8-023-ATB.dgn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BISHOP FORD EXPRESSWAY (I-94)		F.A.I. RTE. 94	SECTION I0312-708W, ETC. & I315RS-4	COUNTY COOK	TOTAL SHEETS 167	SHEET NO. 23		
	DRAWN - DW/ZR	REVISED -		ALIGNMENTS								
	CHECKED - ES	REVISED -		SCALE: N/A	SHEET NO. 3 OF 18 SHEETS						STA.	TO STA.
	DATE - 01/29/2009	REVISED -		CONTRACT NO. 60C08							FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT