

I-290 WB

Curve Data

Curve E I290 F-22
 P.I. Station = 1044+95.40 N 1,897,388.1375 E 1,154,509.4509
 Delta = 10° 01' 23.80" (LT)
 Degree = 1° 30' 28.02"
 Tangent = 333.2348
 Length = 664.7689
 Radius = 3,800.0000
 External = 14.5833
 Long Chord = 663.9216
 Mid. Ord. = 14.5275
 P.C. Station = 1041+62.16 N 1,897,380.2149 E 1,154,176.3103
 P.T. Station = 1048+26.93 N 1,897,453.9217 E 1,154,836.1278
 C.C. = N 1,901,179.1408 E 1,154,085.9662
 Back = N 88° 38' 15.64" E
 Ahead = N 78° 36' 51.84" E
 Chord Bear = N 83° 37' 33.74" E

Course from PT E I290 F-22 to PC E I290 F-23 N 78° 36' 51.84" E Dist 1,726.0600

Curve Data

Curve E I290 F-23
 P.I. Station = 1070+43.69 N 1,897,891.5336 E 1,157,009.2603
 Delta = 9° 45' 19.57" (RT)
 Degree = 0° 59' 47.21"
 Tangent = 490.6964
 Length = 979.0208
 Radius = 5,750.0000
 External = 20.8997
 Long Chord = 977.8386
 Mid. Ord. = 20.8240
 P.C. Station = 1065+52.99 N 1,897,794.6648 E 1,156,528.2204
 P.T. Station = 1075+32.01 N 1,897,905.4929 E 1,157,499.7581
 C.C. = N 1,892,157.8201 E 1,157,663.3333
 Back = N 78° 36' 51.84" E
 Ahead = N 88° 22' 11.41" E
 Chord Bear = N 83° 29' 31.63" E

Curve Data

Curve E I290 F-24
 P.I. Station = 1075+90.74 N 1,897,907.1635 E 1,157,558.4586
 Delta = 0° 27' 57.11" (LT)
 Degree = 0° 23' 47.96"
 Tangent = 58.7243
 Length = 117.4480
 Radius = 14,444.7008
 External = 0.1194
 Long Chord = 117.4476
 Mid. Ord. = 0.1194
 P.C. Station = 1075+32.01 N 1,897,905.4929 E 1,157,499.7581
 P.T. Station = 1076+49.46 N 1,897,909.3113 E 1,157,617.1436
 C.C. = N 1,912,344.3476 E 1,157,088.8371
 Back = N 88° 22' 11.41" E
 Ahead = N 87° 54' 14.30" E
 Chord Bear = N 88° 08' 12.86" E

Course from PT E I290 F-24 to 313 N 88° 44' 27.48" E Dist 211.8864

Point 313 N 1,897,913.9670 E 1,157,828.9789 Sta 1078+61.35

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...exp\in_ABC_C3_290_ML_Data_exalign_19.dgn	DRAWN - DMS	REVISED -						290	(2727, ETC., 313)RS-7	COOK	216	33
USER NAME = tblank	CHECKED - CAR	REVISED -			CONTRACT NO. 60653							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 13 OF 18 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			