

I-290 EB

Point 120 N 1,895,912.0746 E 1,111,216.8362 Sta 608+04.76
 Course from 120 to 121 N 87° 34' 07.41" E Dist 216.5538
 Point 121 N 1,895,921.2610 E 1,111,433.1952 Sta 610+21.31
 Course from 121 to 122 N 87° 34' 07.41" E Dist 912.3746
 Point 122 N 1,895,959.9649 E 1,112,344.7484 Sta 619+33.69
 Course from 122 to PC E_I290_E-1 N 87° 34' 08.73" E Dist 791.3793

Curve Data

Curve E_I290_E-1
 P.I. Station 630+70.43 N 1,896,008.1792 E 1,113,480.4641
 Delta = 8° 46' 38.27" (RT)
 Degree = 1° 16' 23.66"
 Tangent = 345.3593
 Length = 689.3673
 Radius = 4,500.0000
 External = 13.2331
 Long Chord = 688.6935
 Mid. Ord. = 13.1943
 P.C. Station 627+25.07 N 1,895,993.5309 E 1,113,135.4155
 P.T. Station 634+14.44 N 1,895,970.0035 E 1,113,823.7070
 C.C. N 1,891,497.5805 E 1,113,326.2813
 Back = N 87° 34' 08.73" E
 Ahead = S 83° 39' 13.00" E
 Chord Bear = S 88° 02' 32.13" E

Course from PT E_I290_E-1 to PC E_I290_E-2 S 83° 39' 13.00" E Dist 298.1027

Curve Data

Curve E_I290_E-2
 P.I. Station 641+07.18 N 1,895,893.4276 E 1,114,512.2115
 Delta = 9° 37' 45.20" (LT)
 Degree = 1° 13' 22.29"
 Tangent = 394.6471
 Length = 787.4356
 Radius = 4,685.3978
 External = 16.5910
 Long Chord = 786.5092
 Mid. Ord. = 16.5325
 P.C. Station 637+12.54 N 1,895,937.0515 E 1,114,119.9828
 P.T. Station 644+99.97 N 1,895,916.0270 E 1,114,906.2110
 C.C. N 1,900,593.7362 E 1,114,637.9022
 Back = S 83° 39' 13.00" E
 Ahead = N 86° 43' 01.81" E
 Chord Bear = S 88° 28' 05.60" E

Course from PT E_I290_E-2 to 123 N 86° 59' 04.17" E Dist 116.8657

Point 123 N 1,895,922.1749 E 1,115,022.9149 Sta 646+16.84
 Course from 123 to 124 N 87° 39' 08.20" E Dist 2,615.6033
 Point 124 N 1,896,029.3206 E 1,117,636.3226 Sta 672+32.44
 Course from 124 to 125 N 87° 31' 30.49" E Dist 61.2265
 Point 125 N 1,896,031.9644 E 1,117,697.4920 Sta 672+93.67
 Course from 125 to 126 N 88° 18' 06.57" E Dist 1,274.5891
 Point 126 N 1,896,069.7361 E 1,118,971.5213 Sta 685+68.26
 Course from 126 to 127 N 88° 21' 09.61" E Dist 1,332.7237
 Point 127 N 1,896,108.0484 E 1,120,303.6943 Sta 699+00.98
 Course from 127 to PC E_I290_E-3 N 88° 52' 51.36" E Dist 64.7290

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
... \expln\ABC_C2_290_ML_Data_exalign_17.dgn	DRAWN - TMB	REVISED -			290	(3435, ETC., 3838)RS-5	COOK	264	35			
USER NAME = tblank	CHECKED - JMM	REVISED -			SCALE: N.T.S.		SHEET NO. 10 OF 22 SHEETS		STA. TO STA.		CONTRACT NO. 60G52	
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT					