

I-290 WB

Curve Data

Curve E 1290 F-35
P.I. Station 1231+17.25 N 1,898,021.0687 E 1,173,066.1470
Delta = 1° 51' 25.62" (RT)
Degree = 1° 38' 59.66"
Tangent = 56.2844
Length = 112.5589
Radius = 3,472.6700
External = 0.4561
Long Chord = 112.5540
Mid. Ord. = 0.4560
P.C. Station 1230+60.97 N 1,898,019.7586 E 1,173,009.8779
P.T. Station 1231+73.53 N 1,898,020.5546 E 1,173,122.4291
C.C. N 1,894,548.0295 E 1,173,090.7079
Back = N 88° 39' 58.54" E
Ahead = S 89° 28' 35.84" E
Chord Bear = N 89° 35' 41.35" E

Curve Data

Curve E 1290 F-36
P.I. Station 1231+88.25 N 1,898,020.4201 E 1,173,137.1529
Delta = 2° 11' 02.67" (LT)
Degree = 7° 25' 02.57"
Tangent = 14.7245
Length = 29.4454
Radius = 772.4530
External = 0.1403
Long Chord = 29.4436
Mid. Ord. = 0.1403
P.C. Station 1231+73.53 N 1,898,020.5546 E 1,173,122.4291
P.T. Station 1232+02.97 N 1,898,020.8468 E 1,173,151.8712
C.C. N 1,898,792.9754 E 1,173,129.4851
Back = S 89° 28' 35.84" E
Ahead = N 88° 20' 21.49" E
Chord Bear = N 89° 25' 52.82" E

Course from PT E 1290 F-36 to 321 N 88° 20' 21.49" E Dist 110.5859

Point 321 N 1,898,024.0517 E 1,173,262.4107 Sta 1233+13.56

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| 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. |
| ...\\expln_ABC_C3_290_ML_Data.exalign_21.dgn | DRAWN - DMS | REVISED - | | | | 290 | (2525, ETC., 2727)RS-8 | COOK | 201 | 31 |
| USER NAME = jmajewski | CHECKED - CAR | REVISED - | | | | CONTRACT NO. 60K11 | | | | |
| PLOT DATE = 1/25/2010 | DATE - 1/25/10 | REVISED - | | | | SCALE: N.T.S. | SHEET NO. 12 OF 19 SHEETS | STA. TO STA. | FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |