

**I-290 WB**

Curve Data

Curve E I290 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 88° 39' 58.54" E 1,173,090.7079  
Back = S 89° 28' 35.84" E  
Ahead = N 89° 35' 41.35" E

Curve Data

Curve E I290 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 88° 20' 21.49" 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 I290 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

FILE NAME =	DESIGNED - CAG	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT PLAN CURVE DATA</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\exp\h_ABC_C3_298_ML_Data_exalign_21.dgn	DRAWN - DMS	REVISED -						290	(2828B,D, ETC., 3031,1)RS-6	COOK	185	36
USER NAME = tblank	CHECKED - CAR	REVISED -			CONTRACT NO. 60C53							
PLOT DATE = 11/12/2009	DATE - 10/16/09	REVISED -			SCALE: N.T.S.	SHEET NO. 21 OF 33 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		