

**I-290 EB**

Curve Data

Curve E I290 E-21  
P.I. Station = 1065+93.25 N 1,897,690.6453 E 1,156,576.4518  
Delta = 2° 26' 47.35" (RT)  
Degree = 0° 46' 51.39"  
Tangent = 156.6608  
Length = 313.2739  
Radius = 7,336.7554  
External = 1.6724  
Long Chord = 313.2502  
Mid. Ord. = 1.6720  
P.C. Station = 1064+36.59 N 1,897,665.3917 E 1,156,421.8398  
P.T. Station = 1067+49.86 N 1,897,709.2761 E 1,156,732.0008  
C.C. = N 1,890,424.5875 E 1,157,604.5206  
Back = N 80° 43' 24.52" E  
Ahead = N 83° 10' 11.87" E  
Chord Bear = N 81° 56' 48.20" E

Curve Data

Curve E I290 E-22  
P.I. Station = 1071+59.08 N 1,897,760.3788 E 1,157,138.0223  
Delta = 6° 44' 12.01" (RT)  
Degree = 0° 49' 26.58"  
Tangent = 409.2248  
Length = 817.5065  
Radius = 6,952.9422  
External = 12.0323  
Long Chord = 817.0357  
Mid. Ord. = 12.0115  
P.C. Station = 1067+49.86 N 1,897,709.2761 E 1,156,732.0008  
P.T. Station = 1075+67.37 N 1,897,763.4997 E 1,157,547.2352  
C.C. = N 1,890,810.7598 E 1,157,600.2618  
Back = N 82° 49' 34.90" E  
Ahead = N 89° 33' 46.91" E  
Chord Bear = N 86° 11' 40.90" E

Course from PT E I290 E-22 to 164 N 88° 40' 12.06" E Dist 285.4230

Point 164 N 1,897,770.1246 E 1,157,832.5813 Sta 1078+52.79

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\in\ABC\C3.290.ML.Data\exalign.16.dgn	DRAWN - DMS	REVISED -				290	(2727, ETC., 3131)RS-7	COOK	216	31
USER NAME = jhojwsk1	CHECKED - CAR	REVISED -				CONTRACT NO. 60G53				
PLOT DATE = 1/25/2010	DATE - 10/16/09	REVISED -				SCALE: N.T.S.	SHEET NO. 16 OF 33 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT