

**I-290 WB**

Point 300 N 1,895,930.0584 E 1,111,216.0727 Sta 608+04.76

Course from 300 to PC E\_I290\_F-1 N 87° 31' 53.69" E Dist 1,906.7833

Curve Data

Curve E\_I290\_F-1  
 P.I. Station 630+64.26 N 1,896,027.3720 E 1,113,473.4742  
 Delta = 8° 55' 54.11" (RT)  
 Degree = 1° 16' 07.34"  
 Tangent = 352.7147  
 Length = 704.0003  
 Radius = 4,516.0780  
 External = 13.7529  
 Long Chord = 703.2877  
 Mid. Ord. = 13.7112  
 P.C. Station 627+11.54 N 1,896,012.1811 E 1,113,121.0867  
 P.T. Station 634+15.54 N 1,895,987.6682 E 1,113,823.9471  
 C.C. N 1,891,500.2935 E 1,113,315.5884  
 Back = N 87° 31' 53.69" E  
 Ahead = S 83° 32' 12.19" E  
 Chord Bear = S 88° 00' 09.25" E

Course from PT E\_I290\_F-1 to PC E\_I290\_F-2 S 83° 32' 12.19" E Dist 272.5398

Curve Data

Curve E\_I290\_F-2  
 P.I. Station 640+60.73 N 1,895,915.0422 E 1,114,465.0301  
 Delta = 8° 50' 36.90" (LT)  
 Degree = 1° 11' 20.26"  
 Tangent = 372.6439  
 Length = 743.8075  
 Radius = 4,818.9780  
 External = 14.3865  
 Long Chord = 743.0694  
 Mid. Ord. = 14.3437  
 P.C. Station 636+88.08 N 1,895,956.9894 E 1,114,094.7547  
 P.T. Station 644+31.89 N 1,895,930.5189 E 1,114,837.3525  
 C.C. N 1,900,745.3389 E 1,114,637.2098  
 Back = S 83° 32' 12.19" E  
 Ahead = N 87° 37' 10.91" E  
 Chord Bear = S 87° 57' 30.64" E

Course from PT E\_I290\_F-2 to 301 N 87° 37' 10.91" E Dist 184.8444

Point 301 N 1,895,938.1959 E 1,115,022.0373 Sta 646+16.74

Course from 301 to 302 N 87° 37' 10.91" E Dist 2,640.0615

Point 302 N 1,896,047.8434 E 1,117,659.8209 Sta 672+56.80

Course from 302 to 303 N 88° 22' 33.37" E Dist 1,312.3463

Point 303 N 1,896,085.0372 E 1,118,971.6400 Sta 685+69.14

FILE NAME =	DESIGNED - AJP	REVISED -	<b>benesch</b>	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT PLAN I-290 MAINLINE CURVE DATA</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...expln_ABC.C2.290_ML_Data.exalign.19.dgn	DRAWN - TWB	REVISED -					290	(3435, ETC., 3838)RS-5	COOK	264	36
USER NAME = tslenk	CHECKED - JMM	REVISED -			CONTRACT NO. 60C52						
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 11 OF 22 SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		