

RAMP E_THORN_F

Point 1140 N 1,936,146.9595 E 1,068,435.1100 Sta 0+00.00

Course from 1140 to PC E THORN F-1 N 2° 00' 01.41" W Dist 291.6623

Curve Data

Curve E THORN F-1
 P.I. Station = 11+61.79 N 1,937,308.0408 E 1,068,394.5562
 Delta = 67° 45' 15.75" (LT)
 Degree = 4° 25' 15.49"
 Tangent = 870.1270
 Length = 1,532.5678
 Radius = 1,296.0000
 External = 265.0051
 Long Chord = 1,444.8186
 Mid. Ord. = 220.0164
 P.C. Station = 2+91.66 N 1,936,438.4441 E 1,068,424.9291
 P.T. Station = 18+24.23 N 1,937,609.1387 E 1,067,578.1855
 C.C. = N 1,936,393.2055 E 1,067,129.7189
 Back = N 2° 00' 01.41" W
 Ahead = N 69° 45' 17.16" W
 Chord Bear = N 35° 52' 39.28" W

Course from PT E THORN F-1 to 1141 N 69° 45' 17.16" W Dist 273.2453

Point 1141 N 1,937,703.6923 E 1,067,321.8212 Sta 20+97.48

RAMP E_THORN_G

Curve Data

Curve E THORN G-1
 P.I. Station = 16+72.91 N 1,938,017.5854 E 1,067,802.4547
 Delta = 8° 09' 49.36" (LT)
 Degree = 11° 10' 07.56"
 Tangent = 36.6090
 Length = 73.0941
 Radius = 513.0000
 External = 1.3046
 Long Chord = 73.0323
 Mid. Ord. = 1.3013
 P.C. Station = 16+36.30 N 1,938,051.2358 E 1,067,816.8724
 P.T. Station = 17+09.39 N 1,937,982.2286 E 1,067,792.9616
 C.C. = N 1,937,849.2015 E 1,068,288.4137
 Back = S 23° 11' 34.67" W
 Ahead = S 15° 01' 45.31" W
 Chord Bear = S 19° 06' 39.99" W

Course from PT E THORN G-1 to 1151 S 15° 01' 45.31" W Dist 290.0018

Point 1151 N 1,937,702.1468 E 1,067,717.7606 Sta 19+99.40

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 CURVE DATA		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\xpoln_abc\d1_290_R_Data\align_43.dgn	DRAWN - TMB	REVISED -					*	2201, 1-1, 2&3RS-7	DUPAGE	546	60
USER NAME = jmajewski	CHECKED - JMM	REVISED -			*290,355		CONTRACT NO. 60G51				
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -			SCALE: N.T.S.	SHEET NO. 35 OF 44 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	