

RAMP E_17TH_D

Point 1380 N 1,895,952.5563 E 1,116,642.7711 Sta 0+00.00
 Course from 1380 to 1381 S 86° 22' 51.98" W Dist 770.6245
 Point 1381 N 1,895,903.9147 E 1,115,873.6832 Sta 7+70.62
 Course from 1381 to 1382 S 81° 23' 29.52" W Dist 222.2174
 Point 1382 N 1,895,870.6529 E 1,115,653.9693 Sta 9+92.84
 Course from 1382 to 1383 S 80° 29' 15.86" W Dist 222.2174
 Point 1383 N 1,895,833.9295 E 1,115,434.8073 Sta 12+15.06

RAMP E_9TH_A

Curve Data

 Curve E_9TH_A-1
 P.I. Station 0+39.30 N 1,896,012.2121 E 1,118,609.2454
 Delta = 3° 22' 20.82" (LT)
 Degree = 4° 17' 30.55"
 Tangent = 39.3007
 Length = 78.5786
 Radius = 1,335.0000
 External = 0.5784
 Long Chord = 78.5673
 Mid. Ord. = 0.5781
 P.C. Station 0+00.00 N 1,896,014.2546 E 1,118,648.4930
 P.T. Station 0+78.58 N 1,896,007.8643 E 1,118,570.1860
 C.C. N 1,894,681.0587 E 1,118,717.8751
 Back = S 87° 01' 15.25" W
 Ahead = S 83° 38' 54.43" W
 Chord Bear = S 85° 20' 04.84" W
 Course from PT E_9TH_A-1 to 1391 S 83° 38' 54.43" W Dist 632.2553
 Point 1391 N 1,895,937.9188 E 1,117,941.8116 Sta 7+10.83
 Course from 1391 to 1392 S 77° 55' 56.99" W Dist 27.4893
 Point 1392 N 1,895,932.1718 E 1,117,914.9298 Sta 7+38.32

RAMP E_9TH_B

Curve Data

 Curve E_9TH_B-1
 P.I. Station 0+53.66 N 1,896,115.7761 E 1,118,715.5236
 Delta = 3° 21' 57.14" (RT)
 Degree = 3° 08' 13.59"
 Tangent = 53.6616
 Length = 107.2922
 Radius = 1,826.3889
 External = 0.7882
 Long Chord = 107.2768
 Mid. Ord. = 0.7878
 P.C. Station 0+00.00 N 1,896,115.3114 E 1,118,769.1831
 P.T. Station 1+07.29 N 1,896,119.3905 E 1,118,661.9839
 C.C. N 1,897,941.6318 E 1,118,784.9988
 Back = N 89° 30' 13.82" W
 Ahead = N 86° 08' 16.68" W
 Chord Bear = N 87° 49' 15.25" W
 Course from PT E_9TH_B-1 to 1401 N 86° 23' 00.27" W Dist 423.3752
 Point 1401 N 1,896,146.0968 E 1,118,239.4518 Sta 5+30.67
 Course from 1401 to 1402 N 86° 55' 45.50" W Dist 316.1785
 Point 1402 N 1,896,163.0338 E 1,117,923.7273 Sta 8+46.85

FILE NAME =	DESIGNED - AJP	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN I-290 RAMP CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
... \expln\A3C_C2_290_R_Data_exalign_32.dgn	DRAWN - TMB	REVISED -						290	(313), ETC., 3435)RS-6	COOK	215	36
USER NAME = tblank	CHECKED - JMM	REVISED -			CONTRACT NO. 60K10							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 12 OF 16 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		