

**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  
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 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  
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 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 -
...\\explr_abc_c2_290_r_data_exalign_32.dgn	DRAWN - TMB	REVISED -
USER NAME = tblank	CHECKED - JMM	REVISED -
PLOT DATE = 11/12/2009	DATE - 10/16/09	REVISED -

**benesch**

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>ALIGNMENT PLAN          I-290 RAMP CURVE DATA</b>			
SCALE: N.T.S.	SHEET NO. 32 OF 36 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(3031.1, ETC., 3830RS-5	COOK	298	59
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60G52	