

RAMP E_LARIME_A

Point 1570 N 1,896,421.3826 E 1,143,044.8494 Sta 0+00.00
 Course from 1570 to 1571 N 87° 10' 04.31" W Dist 325.8448
 Point 1571 N 1,896,437.4826 E 1,142,719.4026 Sta 3+25.84
 Course from 1571 to 1572 N 86° 27' 29.36" W Dist 391.2274
 Point 1572 N 1,896,461.6516 E 1,142,328.9224 Sta 7+17.07

RAMP E_LARIME_B

Curve Data

Curve E LARIME B-1
 P.I. Station = 1+10.81 N 1,896,214.6004 E 1,142,769.6983
 Delta = 4° 56' 07.44" (LT)
 Degree = 2° 13' 41.92"
 Tangent = 110.8116
 Length = 221.4861
 Radius = 2,571.2647
 External = 2.3867
 Long Chord = 221.4176
 Mid. Ord. = 2.3845
 P.C. Station = 0+00.00 N 1,896,219.4346 E 1,142,880.4044
 P.T. Station = 2+21.49 N 1,896,200.2598 E 1,142,659.8186
 C.C. = N 1,893,650.6178 E 1,142,992.5764
 Back = S 87° 29' 58.79" W
 Ahead = S 82° 33' 51.35" W
 Chord Bear = S 85° 01' 55.07" W

Course from PT E LARIME B-1 to 1581 S 82° 33' 51.35" W Dist 294.3252

Point 1581 N 1,896,162.1700 E 1,142,367.9685 Sta 5+15.81

RAMP E_CICERO_A

Curve Data

Curve E CICERO A-1
 P.I. Station = 0+52.25 N 1,896,434.6065 E 1,143,503.7729
 Delta = 3° 38' 18.52" (LT)
 Degree = 3° 28' 57.71"
 Tangent = 52.2541
 Length = 104.4730
 Radius = 1,645.1556
 External = 0.8296
 Long Chord = 104.4555
 Mid. Ord. = 0.8292
 P.C. Station = 0+00.00 N 1,896,432.0042 E 1,143,451.5836
 P.T. Station = 1+04.47 N 1,896,440.5154 E 1,143,555.6918
 C.C. = N 1,898,075.1185 E 1,143,369.6547
 Back = N 87° 08' 43.74" E
 Ahead = N 83° 30' 25.21" E
 Chord Bear = N 85° 19' 34.47" E

Course from PT E CICERO A-1 to 1591 N 83° 30' 25.21" E Dist 87.1958

Point 1591 N 1,896,450.3757 E 1,143,642.3282 Sta 1+91.67

Course from 1591 to 1592 N 83° 04' 37.29" E Dist 327.3052

Point 1592 N 1,896,489.8274 E 1,143,967.2471 Sta 5+18.97

RAMP E_CICERO_B

Curve Data

Curve E CICERO B-1
 P.I. Station = 0+34.10 N 1,896,231.6495 E 1,143,463.2709
 Delta = 4° 20' 45.21" (RT)
 Degree = 6° 22' 33.61"
 Tangent = 34.0964
 Length = 68.1601
 Radius = 898.6158
 External = 0.6466
 Long Chord = 68.1438
 Mid. Ord. = 0.6462
 P.C. Station = 0+00.00 N 1,896,231.1927 E 1,143,429.1776
 P.T. Station = 0+68.16 N 1,896,229.5214 E 1,143,497.3009
 C.C. = N 1,895,332.6575 E 1,143,441.2168
 Back = N 89° 13' 56.48" E
 Ahead = S 86° 25' 18.30" E
 Chord Bear = S 88° 35' 40.91" E

Course from PT E CICERO B-1 to 1601 S 86° 09' 45.46" E Dist 549.4596

Point 1601 N 1,896,192.7490 E 1,144,045.5286 Sta 6+17.62

FILE NAME =	DESIGNED - CAG	REVISED -	benesch	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT PLAN CURVE DATA			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...\\expln_abc_c3_290_r_data_exalign_23.dgn	DRAWN - DMS	REVISED -			290	12828B,D, ETC., 3031.1RS-6	COOK	185	38			
USER NAME = tblank	CHECKED - CAR	REVISED -			CONTRACT NO. 60653							
PLOT DATE = 11/12/2009	DATE - 10/16/09	REVISED -			SCALE: N.T.S.	SHEET NO. 23 OF 33 SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		