

RAMP E DAMEN_A

Point 1860 N 1,898,099.5621 E 1,161,402.1433 Sta 0+00.00
 Course from 1860 to 1861 S 82° 50' 38.93" E Dist 192.1289
 Point 1861 N 1,898,075.6289 E 1,161,592.7757 Sta 1+92.13
 Course from 1861 to 1862 S 82° 11' 39.31" E Dist 181.5361
 Point 1862 N 1,898,050.9736 E 1,161,772.6297 Sta 3+73.66
 Course from 1862 to 1863 S 88° 46' 43.44" E Dist 56.6500
 Point 1863 N 1,898,049.7662 E 1,161,829.2668 Sta 4+30.31
 Course from 1863 to 1864 N 89° 03' 40.52" E Dist 541.2285
 Point 1864 N 1,898,058.6334 E 1,162,370.4226 Sta 9+71.54
 Course from 1864 to PC E DAMEN A-1 N 87° 27' 00.71" E Dist 104.5201

Curve Data

Curve E DAMEN A-1
 P.I. Station 11+48.81 N 1,898,066.5193 E 1,162,547.5090
 Delta = 9° 55' 19.69" (LT)
 Degree = 6° 50' 13.94"
 Tangent = 72.7418
 Length = 145.1198
 Radius = 838.0000
 External = 3.1512
 Long Chord = 144.9385
 Mid. Ord. = 3.1394
 P.C. Station 10+76.06 N 1,898,063.2832 E 1,162,474.8392
 P.T. Station 12+21.18 N 1,898,082.2287 E 1,162,618.5342
 C.C. N 1,898,900.4535 E 1,162,437.5585
 Back = N 87° 27' 00.71" E
 Ahead = N 77° 31' 41.02" E
 Chord Bear = N 82° 29' 20.87" E

Course from PT E DAMEN A-1 to 1865 N 77° 31' 41.02" E Dist 252.6108

Point 1865 N 1,898,136.7829 E 1,162,865.1838 Sta 14+73.79

RAMP E DAMEN_B

Point 1870 N 1,897,736.8831 E 1,162,869.8137 Sta 0+00.00
 Course from 1870 to 1871 N 83° 31' 38.47" W Dist 123.2384
 Point 1871 N 1,897,750.7756 E 1,162,747.3608 Sta 1+23.24
 Course from 1871 to PC E DAMEN B-1 N 83° 34' 31.59" W Dist 452.9715

Curve Data

Curve E DAMEN B-1
 P.I. Station 6+61.28 N 1,897,810.9792 E 1,162,212.7028
 Delta = 7° 22' 08.11" (LT)
 Degree = 4° 20' 14.29"
 Tangent = 85.0654
 Length = 169.8963
 Radius = 1,321.0000
 External = 2.7360
 Long Chord = 169.7792
 Mid. Ord. = 2.7304
 P.C. Station 5+76.21 N 1,897,801.4608 E 1,162,297.2340
 P.T. Station 7+46.11 N 1,897,809.5772 E 1,162,127.6489
 C.C. N 1,896,488.7566 E 1,162,149.4209
 Back = N 83° 34' 31.59" W
 Ahead = S 89° 03' 20.30" W
 Chord Bear = N 87° 15' 35.65" W

Course from PT E DAMEN B-1 to PC E DAMEN B-2 S 89° 03' 20.30" W Dist 307.6960

Curve Data

Curve E DAMEN B-2
 P.I. Station 11+60.52 N 1,897,802.7471 E 1,161,713.2937
 Delta = 13° 50' 39.47" (LT)
 Degree = 6° 31' 05.85"
 Tangent = 106.7155
 Length = 212.3915
 Radius = 879.0000
 External = 6.4542
 Long Chord = 211.8752
 Mid. Ord. = 6.4072
 P.C. Station 10+53.80 N 1,897,804.5059 E 1,161,819.9947
 P.T. Station 12+66.19 N 1,897,775.5075 E 1,161,610.1133
 C.C. N 1,896,925.6253 E 1,161,834.4819
 Back = S 89° 03' 20.30" W
 Ahead = S 75° 12' 40.83" W
 Chord Bear = S 82° 08' 00.56" W

Course from PT E DAMEN B-2 to 1872 S 75° 12' 40.83" W Dist 255.1687

Point 1872 N 1,897,710.3746 E 1,161,363.3974 Sta 15+21.36

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.
...\\exp1n_abc_c3_290_r_data_exelign_29.dgn	DRAWN - DMS	REVISED -			290	(2525, ETC., 2727)RS-8	COOK	201	34			
USER NAME = jmajewski	CHECKED - CAR	REVISED -			CONTRACT NO. 60K11							
PLOT DATE = 1/25/2010	DATE - 1/25/10	REVISED -			SCALE: N.T.S.	SHEET NO. 15 OF 19 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				