

Chain EGIDI contains:  
2303 CUR EGIDIR1 2301

Beginning chain EGIDI description

Point 2303 N 2,061,616.2207 E 1,085,636.6686 Sta 526+27.59

Course from 2303 to PC EGIDIR1 N 80° 13' 48.66" E Dist 185.2600'

Curve Data

Curve EGIDIR1

P.I. Station 528+67.71 N 2,061,656.9653 E 1,085,873.2980

Delta = 49° 07' 48.00" (RT)

Degree = 47° 44' 47.34"

Tangent = 54.8516'

Length = 102.8976'

Radius = 120.0000'

External = 11.9420'

Long Chord = 99.7741'

Mid. Ord. = 10.8612'

P.C. Station 528+12.85 N 2,061,647.6575 E 1,085,819.2419

P.T. Station 529+15.75 N 2,061,622.1788 E 1,085,915.7079

C.C. N 2,061,529.3978 E 1,085,839.6047

Course from PT EGIDIR1 to 2301 S 50° 38' 23.34" E Dist 60.6584'

Point 2301 N 2,061,583.7097 E 1,085,962.6074 Sta 529+76.41

Ending chain EGIDI description

Chain CASEY contains:

2402 2401

Beginning chain CASEY description

Point 2402 N 2,059,702.0586 E 1,084,369.8378 Sta 513+00.00

Course from 2402 to 2401 S 89° 41' 31.42" E Dist 679.7600'

Point 2401 N 2,059,698.4052 E 1,085,049.5882 Sta 519+79.76

Ending chain CASEY description

Chain PEA4 contains:

2690 CUR PEA4R1 CUR PEA4R2

Beginning chain PEA4 description

Point 2690 N 2,058,159.8269 E 1,084,617.5874 Sta 10+00.00

Course from 2690 to PC PEA4R1 N 75° 47' 22.88" W Dist 54.6863'

Curve Data

Curve PEA4R1

P.I. Station 10+83.53 N 2,058,180.3330 E 1,084,536.6095

Delta = 59° 57' 57.20" (RT)

Degree = 114° 35' 29.61"

Tangent = 28.8477'

Length = 52.3301'

Radius = 50.0000'

External = 7.7251'

Long Chord = 49.9742'

Mid. Ord. = 6.6913'

P.C. Station 10+54.69 N 2,058,173.2514 E 1,084,564.5744

P.T. Station 11+07.02 N 2,058,208.0875 E 1,084,528.7433

C.C. N 2,058,221.7215 E 1,084,576.8485

Course from PT PEA4R1 to PC PEA4R2 N 15° 53' 57.88" W Dist 82.1698'

Curve Data

Curve PEA4R2

P.I. Station 12+11.01 N 2,058,308.4527 E 1,084,501.6779

Delta = 47° 09' 07.90" (LT)

Degree = 114° 35' 29.61"

Tangent = 21.8196'

Length = 41.1481'

Radius = 50.0000'

External = 4.5536'

Long Chord = 39.9967'

Mid. Ord. = 4.1735'

P.C. Station 11+89.19 N 2,058,287.1138 E 1,084,506.2329

P.T. Station 12+30.33 N 2,058,319.6246 E 1,084,482.9354

C.C. N 2,058,276.6758 E 1,084,457.3346

Ending chain PEA4 description

Chain BROOKHILL contains:

3212 CUR BROOK1 3201

Beginning chain BROOKHILL description

Point 3212 N 2,056,678.3280 E 1,083,782.9200 Sta 505+02.91

Course from 3212 to PC BROOK1 N 85° 08' 51.43" E Dist 163.6639'

Curve Data

Curve BROOK1

P.I. Station 507+53.91 N 2,056,699.5592 E 1,084,033.0136

Delta = 13° 13' 52.89" (RT)

Degree = 7° 36' 33.86"

Tangent = 87.3293'

Length = 173.8816'

Radius = 752.9600'

External = 5.0474'

Long Chord = 173.4955'

Mid. Ord. = 5.0138'

P.C. Station 506+66.58 N 2,056,692.1721 E 1,083,945.9973

P.T. Station 508+40.46 N 2,056,686.8336 E 1,084,119.4107

C.C. N 2,055,941.9108 E 1,084,009.6893

Course from PT BROOK1 to 3201 S 81° 37' 15.68" E Dist 159.5418'

Point 3201 N 2,056,663.5852 E 1,084,277.2495 Sta 510+00.00

Ending chain BROOKHILL description

Chain JANAS contains:

3502 3501

Beginning chain JANAS description

Point 3502 N 2,055,742.5045 E 1,084,237.3208 Sta 498+00.00

Course from 3502 to 3501 N 60° 47' 38.43" E Dist 191.9700'

Point 3501 N 2,055,836.1765 E 1,084,404.8858 Sta 499+91.97

Ending chain JANAS description

Chain CATER contains:

8000 8001

Beginning chain CATER description

Point 8000 N 2,054,978.1155 E 1,084,894.7660 Sta 10+00.00

Course from 8000 to 8001 S 58° 00' 59.42" W Dist 141.8956'

Point 8001 N 2,054,902.9569 E 1,084,774.4100 Sta 11+41.90

Ending chain CATER description

Chain ADLER contains:

4902 4901

Beginning chain ADLER description

Point 4902 N 2,053,584.5431 E 1,085,422.1814 Sta 7+50.00

Course from 4902 to 4901 N 73° 01' 22.91" E Dist 250.0000'

Point 4901 N 2,053,657.5399 E 1,085,661.2870 Sta 10+00.00

Ending chain ADLER description

Chain FINSTAD contains:

5302 5301

Beginning chain FINSTAD description

Point 5302 N 2,052,948.5644 E 1,085,573.8174 Sta 7+00.00

Course from 5302 to 5301 N 77° 22' 36.41" E Dist 300.0000'

Point 5301 N 2,053,014.1260 E 1,085,866.5659 Sta 10+00.00

Ending chain FINSTAD description

FILE NAME =	USER NAME = IDOT	DESIGNED - EJM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT TIES AND BENCHMARKS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
h:\102901\cadd\sheet\align-005.dgn		DRAWN - BK	REVISED -						330	128R-3	LAKE	518	38
PLOT SCALE = 200.0000' / IN.		CHECKED - GFL	REVISED -		CONTRACT NO. 60953								
PLOT DATE = 7/8/2011		DATE - 12/17/10	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT