

Chain OAKWOOD contains:
1046 1047

Beginning chain OAKWOOD description
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Point 1046 N 2,044,824.5810 E 2,582,902.0830 Sta 14200+00.00

Course from 1046 to 1047 N 3° 42' 49.4272" E Dist 350.0000'

Point 1047 N 2,045,173.8460 E 2,582,924.7530 Sta 14203+50.00

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Ending chain OAKWOOD description

Chain LAKIN contains:
1048 1049

Beginning chain LAKIN description
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Point 1048 N 2,044,806.5660 E 2,583,207.5420 Sta 14300+00.00

Course from 1048 to 1049 N 4° 03' 06.8334" E Dist 349.9998'

Point 1049 N 2,045,155.6910 E 2,583,232.2730 Sta 14303+50.00

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Ending chain LAKIN description

Chain AVON contains:
87 88

Beginning chain AVON description
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Point 87 N 2,044,362.6300 E 2,583,548.9550 Sta 12100+00.00

Course from 87 to 88 N 0° 45' 11.8980" W Dist 1,076.6491'

Point 88 N 2,045,439.1860 E 2,583,534.8000 Sta 12110+76.65

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Ending chain AVON description

Chain MULBERRY contains:
430 431

Beginning chain MULBERRY description
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Point 430 N 2,045,160.3080 E 2,583,538.4670 Sta 12200+00.00

Course from 430 to 431 S 86° 25' 56.1302" E Dist 802.7498'

Point 431 N 2,045,110.3540 E 2,584,339.6610 Sta 12208+02.75

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Ending chain MULBERRY description

Chain OGDEN contains:
91 92

Beginning chain OGDEN description
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Point 91 N 2,044,962.5520 E 2,584,308.6530 Sta 12300+00.00

Course from 91 to 92 N 11° 50' 54.7816" E Dist 201.4461'

Point 92 N 2,045,159.7060 E 2,584,350.0150 Sta 12302+01.45

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Ending chain OGDEN description

Chain OAKIRV contains:
OAK1 OAK2 OAK3

Beginning chain OAKIRV description
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Point OAK1 N 2,045,094.8992 E 2,581,245.8089 Sta 13+33.00

Course from OAK1 to OAK2 S 86° 42' 30.90" E Dist 167.0000'

Point OAK2 N 2,045,085.3110 E 2,581,412.5335 Sta 15+00.00

Course from OAK2 to OAK3 S 86° 42' 30.90" E Dist 165.0000'

Point OAK3 N 2,045,075.8376 E 2,581,577.2613 Sta 16+65.00

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Ending chain OAKIRV description

Chain CRUS contains:
CRUS1 CRUS2 CRUS3

Beginning chain CRUS description
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Point CRUS1 N 2,044,627.0589 E 2,583,166.3886 Sta 22+70.00

Course from CRUS1 to CRUS2 S 86° 37' 28.51" E Dist 233.0000'

Point CRUS2 N 2,044,613.3403 E 2,583,398.9844 Sta 25+03.00

Course from CRUS2 to CRUS3 S 86° 37' 28.51" E Dist 147.0431'

Point CRUS3 N 2,044,604.6827 E 2,583,545.7724 Sta 26+50.04

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Ending chain CRUS description

Chain XOVER contains:
95 CUR 1320

Beginning chain XOVER description
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Point 95 N 2,044,889.7340 E 2,583,956.8140 Sta 3000+00.00

Course from 95 to PC 1320 S 33° 22' 56.5320" E Dist 216.5786'

Curve Data

Curve 1320
P.I. Station 3003+37.14 N 2,044,608.2170 E 2,584,142.3160
 Delta = 29° 22' 20.8339" (LT)
 Degree = 12° 27' 20.1753"
 Tangent = 120.5606'
 Length = 235.8172'
 Radius = 460.0000'
 External = 15.5364'
 Long Chord = 233.2434'
 Mid. Ord. = 15.0288'
P.C. Station 3002+16.58 N 2,044,708.8871 E 2,584,075.9807
P.T. Station 3004+52.40 N 2,044,553.0245 E 2,584,249.5011
 C.C. N 2,044,961.9901 E 2,584,460.0886

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Ending chain XOVER description

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
XOVER	1320	1320	1321	1322	1323

Chain WB20 contains:
93 CUR 1280 CUR 1290 CUR 1300 94

Beginning chain WB20 description
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Point 93 N 2,044,815.8340 E 2,583,542.9960 Sta 1000+00.00

Course from 93 to PC 1280 S 86° 37' 29.0939" E Dist 146.3035'

Curve Data

Curve 1280
P.I. Station 1002+97.37 N 2,044,798.3260 E 2,583,839.8550
 Delta = 41° 22' 51.3410" (LT)
 Degree = 14° 19' 26.2016"
 Tangent = 151.0713'
 Length = 288.8934'
 Radius = 400.0000'
 External = 27.5775'
 Long Chord = 282.6553'
 Mid. Ord. = 25.7989'
P.C. Station 1001+46.30 N 2,044,807.2204 E 2,583,689.0457
P.T. Station 1004+35.20 N 2,044,891.3466 E 2,583,958.8916
 C.C. N 2,045,206.5265 E 2,583,712.5958

Curve Data

Curve 1290
P.I. Station 1006+35.45 N 2,045,014.6480 E 2,584,116.6780
 Delta = 53° 11' 15.1884" (RT)
 Degree = 14° 19' 26.2016"
 Tangent = 200.2507'
 Length = 371.3192'
 Radius = 400.0000'
 External = 47.3258'
 Long Chord = 358.1296'
 Mid. Ord. = 42.3189'
P.C. Station 1004+35.20 N 2,044,891.3457 E 2,583,958.8905
P.T. Station 1008+06.52 N 2,044,962.2056 E 2,584,309.9399
 C.C. N 2,044,576.1658 E 2,584,205.1863

Curve Data

Curve 1300
P.I. Station 1009+11.17 N 2,044,934.7990 E 2,584,410.9390
 Delta = 24° 54' 01.4542" (LT)
 Degree = 12° 05' 15.7819"
 Tangent = 104.6511'
 Length = 205.9976'
 Radius = 474.0000'
 External = 11.4151'
 Long Chord = 204.3803'
 Mid. Ord. = 11.1467'
P.C. Station 1008+06.52 N 2,044,962.2054 E 2,584,309.9403
P.T. Station 1010+12.52 N 2,044,952.4650 E 2,584,514.0883
 C.C. N 2,045,419.6626 E 2,584,434.0732

Course from PT 1300 to 94 N 80° 16' 53.2993" E Dist 205.9026'

Point 94 N 2,044,987.2230 E 2,584,717.0360 Sta 1012+18.42

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Ending chain WB20 description

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
WB20	1280	1280	1281	1282	1283
WB20	1290	1290	1291	1292	1293
WB20	1300	1300	1301	1302	1303

FILE NAME =	USER NAME = dossed	DESIGNED - JWM	REVISED -
ei:\pwwork\pwwork\dot\dossed\dms67949\0264750-sh-t-HVC-lpgs37-471.dgn		DRAWN - JWM	REVISED -
		CHECKED - RCH	REVISED -
		DATE - \$SUBDATE\$	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES, AND BENCHMARKS

SCALE: SHEET NO. 8 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	44
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT			CONTRACT NO. 64750	