

Chain CONCORD contains:
CON01 CON02

Beginning chain CONCORD description
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Point CON01 N 2,044,907.0110 E 2,574,866.7300 Sta 12700+00.00

Course from CON01 to CON02 N 0° 55' 35.7442" W Dist 351.8827'

Point CON02 N 2,045,258.8477 E 2,574,861.0396 Sta 12703+51.88

Ending chain CONCORD description
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Chain BAYLISS contains:
BAY01 BAY02

Beginning chain BAYLISS description
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Point BAY01 N 2,045,155.2880 E 2,576,903.4470 Sta 13000+00.00

Course from BAY01 to BAY02 N 0° 33' 24.9282" W Dist 349.9995'

Point BAY02 N 2,045,505.2710 E 2,576,900.0450 Sta 13003+50.00

Ending chain BAYLISS description
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Chain CONNA contains:
80 CUR 380 CUR 390 81

Beginning chain CONNA description
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Point 80 N 2,045,459.0000 E 2,577,593.1930 Sta 11800+00.00

Course from 80 to PC 380 S 0° 31' 29.7336" E Dist 141.6789'

Curve Data

Curve 380

P.I. Station 11801+83.63 N 2,045,275.3810 E 2,577,594.8750

Delta = 85° 58' 45.9049" (LT)

Degree = 127° 19' 29.6541"

Tangent = 41.9478'

Length = 67.5276'

Radius = 44.9997'

External = 16.5193'

Long Chord = 61.3676'

Mid. Ord. = 12.0835'

P.C. Station 11801+41.68 N 2,045,317.3270 E 2,577,594.4910

P.T. Station 11802+09.21 N 2,045,272.8230 E 2,577,636.7447

C.C. N 2,045,317.7389 E 2,577,639.4888

Course from PT 380 to PC 390 S 86° 30' 16.5054" E Dist 252.9584'

Curve Data

Curve 390

P.I. Station 11805+10.44 N 2,045,254.4570 E 2,577,937.4200

Delta = 94° 01' 28.3908" (LT)

Degree = 127° 19' 26.2361"

Tangent = 48.2773'

Length = 73.8467'

Radius = 45.0000'

External = 20.9977'

Long Chord = 65.8350'

Mid. Ord. = 14.3171'

P.C. Station 11804+62.16 N 2,045,257.4005 E 2,577,889.2325

P.T. Station 11805+36.01 N 2,045,302.7323 E 2,577,936.9742

C.C. N 2,045,302.3168 E 2,577,891.9762

Course from PT 390 to 81 N 0° 31' 44.5583" W Dist 135.1865'

Point 81 N 2,045,437.9130 E 2,577,935.7260 Sta 11806+71.20

Ending chain CONNA description
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CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
CONNA	380	380	381	382	383
CONNA	390	390	391	392	393

**FOR INFORMATION
ONLY**

Chain PIERPNT contains:
PIE01 CUR PIERPNT-1 CUR PIERPNT-2 PIE02

Beginning chain PIERPNT description
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Point PIE01 N 2,044,668.0300 E 2,575,626.8110 Sta 11500+00.00

Course from PIE01 to PC PIERPNT-1 N 0° 21' 36.2868" W Dist 429.5875'

Curve Data

Curve PIERPNT-1

P.I. Station 11505+47.85 N 2,045,215.8720 E 2,575,623.3680

Delta = 2° 42' 35.7688" (RT)

Degree = 1° 08' 45.2961"

Tangent = 118.2653'

Length = 236.4865'

Radius = 5,000.0000'

External = 1.3985'

Long Chord = 236.4645'

Mid. Ord. = 1.3981'

P.C. Station 11504+29.59 N 2,045,097.6090 E 2,575,624.1112

P.T. Station 11506+66.07 N 2,045,334.0379 E 2,575,628.2170

C.C. N 2,045,129.0317 E 2,580,624.0125

Course from PT PIERPNT-1 to PC PIERPNT-2 N 2° 20' 59.4819" E Dist 188.7805'

Curve Data

Curve PIERPNT-2

P.I. Station 11509+57.10 N 2,045,624.8233 E 2,575,640.1496

Delta = 2° 55' 42.9589" (LT)

Degree = 1° 25' 56.6202"

Tangent = 102.2497'

Length = 204.4548'

Radius = 4,000.0000'

External = 1.3067'

Long Chord = 204.4326'

Mid. Ord. = 1.3062'

P.C. Station 11508+54.85 N 2,045,522.6596 E 2,575,635.9573

P.T. Station 11510+59.31 N 2,045,727.0677 E 2,575,639.1168

C.C. N 2,045,686.6645 E 2,571,639.3209

Course from PT PIERPNT-2 to PIE02 N 0° 34' 43.4769" W Dist 105.5878'

Point PIE02 N 2,045,832.6502 E 2,575,638.0503 Sta 11511+64.90

Ending chain PIERPNT description
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CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
PIERPNT	PIERPNT-1	IERPNT-1	1	2	3
PIERPNT	PIERPNT-2	IERPNT-2	1	2	3

Chain HORACE contains:
HOR01 CUR HORACE-1 CUR HORACE-2 HOR02

Beginning chain HORACE description
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Point HOR01 N 2,044,660.1320 E 2,577,286.6030 Sta 11600+00.00

Course from HOR01 to PC HORACE-1 N 0° 31' 12.5676" W Dist 252.7827'

Curve Data

Curve HORACE-1

P.I. Station 11603+01.16 N 2,044,961.2760 E 2,577,283.8690

Delta = 5° 32' 20.0498" (LT)

Degree = 5° 43' 46.4806"

Tangent = 48.3737'

Length = 96.6721'

Radius = 1,000.0000'

External = 1.1693'

Long Chord = 96.6345'

Mid. Ord. = 1.1680'

P.C. Station 11602+52.78 N 2,044,912.9043 E 2,577,284.3082

P.T. Station 11603+49.45 N 2,045,009.3795 E 2,577,278.7630

C.C. N 2,044,903.8259 E 2,576,284.3494

Course from PT HORACE-1 to PC HORACE-2 N 6° 03' 32.6175" W Dist 197.7662'

Curve Data

Curve HORACE-2

P.I. Station 11605+94.54 N 2,045,253.0990 E 2,577,252.8930

Delta = 5° 25' 07.3559" (RT)

Degree = 5° 43' 46.4806"

Tangent = 47.3224'

Length = 94.5743'

Radius = 1,000.0000'

External = 1.1191'

Long Chord = 94.5391'

Mid. Ord. = 1.1178'

P.C. Station 11605+47.22 N 2,045,206.0409 E 2,577,257.8881

P.T. Station 11606+41.80 N 2,045,300.4185 E 2,577,252.3641

C.C. N 2,045,311.5945 E 2,578,252.3017

Course from PT HORACE-2 to HOR02 N 0° 38' 25.2615" W Dist 279.5390'

Point HOR02 N 2,045,579.9400 E 2,577,249.2400 Sta 11609+21.33

Ending chain HORACE description
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CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
HORACE	HORACE-1	ORACE-1	1	2	3
HORACE	HORACE-2	ORACE-2	1	2	3

FILE NAME =	USER NAME = dossed	DESIGNED - JWM	REVISED -
es:\pwork\pwork\dot\dossed\dms67949\0264750-sh-t-HVC-(pgs37-47).dgn		DRAWN - JWM	REVISED -
		CHECKED - RCH	REVISED -
		DATE - \$SUBDATE\$	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	42
CONTRACT NO. 64750				
FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT				