

Curve Data

Curve PATH-10
 P.I. Station 611+92.92 N 2,044,954.6652 E 2,581,424.4759
 Delta = 13° 50' 13.64" (RT)
 Degree = 19° 11' 17.29"
 Tangent = 36.4026'
 Length = 72.1129'
 Radius = 300.0000'
 External = 2.2005'
 Long Chord = 72.2751'
 Mid. Ord. = 2.1845'
 P.C. Station 611+56.52 N 2,044,952.5486 E 2,581,388.1349
 P.T. Station 612+28.63 N 2,044,948.0290 E 2,581,460.2685
 C.C. N 2,044,653.0561 E 2,581,405.5782

Course from PT PATH-10 to PC PATH-11 S 79° 29' 46.25" E Dist 74.9256'

Curve Data

Curve PATH-11
 P.I. Station 613+80.00 N 2,044,920.4350 E 2,581,609.0967
 Delta = 19° 55' 57.87" (LT)
 Degree = 13° 12' 02.23"
 Tangent = 76.4390'
 Length = 150.9985'
 Radius = 435.0000'
 External = 6.6649'
 Long Chord = 150.5710'
 Mid. Ord. = 6.5644'
 P.C. Station 613+03.56 N 2,044,934.3699 E 2,581,533.9386
 P.T. Station 614+54.56 N 2,044,932.9576 E 2,581,684.5030
 C.C. N 2,045,362.0805 E 2,581,613.2396

Course from PT PATH-11 to PC PATH-12 N 80° 34' 15.88" E Dist 15.5371'

Curve Data

Curve PATH-12
 P.I. Station 615+33.01 N 2,044,945.8103 E 2,581,761.8977
 Delta = 29° 22' 47.20" (RT)
 Degree = 24° 02' 57.83"
 Tangent = 62.9176'
 Length = 122.1643'
 Radius = 240.0000'
 External = 8.1101'
 Long Chord = 121.7219'
 Mid. Ord. = 7.8450'
 P.C. Station 614+70.09 N 2,044,935.5029 E 2,581,699.8302
 P.T. Station 615+92.26 N 2,044,924.3420 E 2,581,821.0393
 C.C. N 2,044,698.7454 E 2,581,739.1479

Course from PT PATH-12 to PC PATH-13 S 70° 02' 56.92" E Dist 102.3146'

Curve Data

Curve PATH-13
 P.I. Station 617+29.44 N 2,044,877.5332 E 2,581,949.9895
 Delta = 16° 31' 58.15" (LT)
 Degree = 24° 02' 57.83"
 Tangent = 34.8685'
 Length = 68.7453'
 Radius = 240.0000'
 External = 2.5197'
 Long Chord = 69.0125'
 Mid. Ord. = 2.4935'
 P.C. Station 616+94.57 N 2,044,889.4308 E 2,581,917.2136
 P.T. Station 617+63.32 N 2,044,875.4543 E 2,581,984.7960
 C.C. N 2,045,115.0273 E 2,581,999.1049

Course from PT PATH-13 to PATH2 S 86° 34' 55.07" E Dist 268.5005'

Point PATH2 N 2,044,859.4461 E 2,582,252.8188 Sta 620+31.82

Course from PATH2 to PC PATH-14 S 87° 20' 30.10" E Dist 69.1297'

Curve Data

Curve PATH-14
 P.I. Station 621+12.07 N 2,044,855.7243 E 2,582,332.9790
 Delta = 12° 41' 12.88" (LT)
 Degree = 60° 00' 00.00"
 Tangent = 11.1169'
 Length = 21.1449'
 Radius = 100.0000'
 External = 0.6160'
 Long Chord = 22.0976'
 Mid. Ord. = 0.6123'
 P.C. Station 621+00.95 N 2,044,856.2399 E 2,582,321.8741
 P.T. Station 621+22.09 N 2,044,857.6602 E 2,582,343.9261
 C.C. N 2,044,956.1323 E 2,582,326.5121

Course from PT PATH-14 to PC PATH-15 N 79° 58' 17.01" E Dist 134.3749'

Curve Data

Curve PATH-15
 P.I. Station 622+83.10 N 2,044,885.6984 E 2,582,502.4757
 Delta = 20° 08' 15.26" (RT)
 Degree = 38° 56' 32.79"
 Tangent = 26.6348'
 Length = 51.7111'
 Radius = 150.0000'
 External = 2.3464'
 Long Chord = 52.4491'
 Mid. Ord. = 2.3102'
 P.C. Station 622+56.47 N 2,044,881.0602 E 2,582,476.2479
 P.T. Station 623+08.18 N 2,044,881.0235 E 2,582,528.6969
 C.C. N 2,044,733.3521 E 2,582,502.3688

Course from PT PATH-15 to PC PATH-16 S 79° 53' 27.73" E Dist 49.7262'

Curve Data

Curve PATH-16
 P.I. Station 623+69.54 N 2,044,870.2535 E 2,582,589.1042
 Delta = 13° 16' 17.06" (LT)
 Degree = 60° 00' 00.00"
 Tangent = 11.6335'
 Length = 22.1190'
 Radius = 100.0000'
 External = 0.6744'
 Long Chord = 23.1112'
 Mid. Ord. = 0.6699'
 P.C. Station 623+57.91 N 2,044,872.2955 E 2,582,577.6512
 P.T. Station 623+80.02 N 2,044,870.8953 E 2,582,600.7200
 C.C. N 2,044,970.7431 E 2,582,595.2033

Course from PT PATH-16 to PC PATH-17 N 86° 50' 15.21" E Dist 84.0061'

Curve Data

Curve PATH-17
 P.I. Station 624+88.63 N 2,044,876.8869 E 2,582,709.1618
 Delta = 27° 38' 30.68" (LT)
 Degree = 60° 00' 00.00"
 Tangent = 24.6011'
 Length = 46.0698'
 Radius = 100.0000'
 External = 2.9816'
 Long Chord = 47.7776'
 Mid. Ord. = 2.8953'
 P.C. Station 624+64.03 N 2,044,875.5297 E 2,582,684.5981
 P.T. Station 625+10.10 N 2,044,889.4853 E 2,582,730.2922
 C.C. N 2,044,975.3774 E 2,582,679.0814

Course from PT PATH-17 to PC PATH-18 N 59° 11' 44.53" E Dist 75.7346'

Curve Data

Curve PATH-18
 P.I. Station 626+44.07 N 2,044,958.0942 E 2,582,845.3651
 Delta = 60° 25' 56.30" (RT)
 Degree = 60° 00' 00.00"
 Tangent = 58.2391'
 Length = 100.7205'
 Radius = 100.0000'
 External = 15.7229'
 Long Chord = 100.6527'
 Mid. Ord. = 13.5867'
 P.C. Station 625+85.83 N 2,044,928.2695 E 2,582,795.3423
 P.T. Station 626+86.56 N 2,044,929.3027 E 2,582,895.9897
 C.C. N 2,044,842.3774 E 2,582,846.5530

Course from PT PATH-18 to PC PATH-19 S 60° 22' 19.17" E Dist 56.3477'

Curve Data

Curve PATH-19
 P.I. Station 628+15.80 N 2,044,865.4083 E 2,583,008.3362
 Delta = 62° 33' 19.43" (LT)
 Degree = 49° 14' 55.09"
 Tangent = 72.8972'
 Length = 127.0196'
 Radius = 120.0000'
 External = 20.4066'
 Long Chord = 124.6048'
 Mid. Ord. = 17.4407'
 P.C. Station 627+42.90 N 2,044,901.4463 E 2,582,944.9701
 P.T. Station 628+69.92 N 2,044,905.0335 E 2,583,069.5232
 C.C. N 2,045,005.7567 E 2,583,004.2941

Course from PT PATH-19 to PC PATH-20 N 57° 04' 21.39" E Dist 24.1529'

Curve Data

Curve PATH-20
 P.I. Station 629+54.25 N 2,044,950.8702 E 2,583,140.3018
 Delta = 62° 04' 18.88" (RT)
 Degree = 60° 00' 00.00"
 Tangent = 60.1715'
 Length = 103.4532'
 Radius = 100.0000'
 External = 16.7074'
 Long Chord = 103.1152'
 Mid. Ord. = 14.3156'
 P.C. Station 628+94.08 N 2,044,918.1624 E 2,583,089.7962
 P.T. Station 629+97.53 N 2,044,921.5658 E 2,583,192.8552
 C.C. N 2,044,834.2264 E 2,583,144.1538

Course from PT PATH-20 to PC PATH-21 S 60° 51' 19.72" E Dist 84.3432'

Curve Data

Curve PATH-21
 P.I. Station 631+34.22 N 2,044,854.9934 E 2,583,312.2438
 Delta = 55° 15' 56.22" (LT)
 Degree = 60° 00' 00.00"
 Tangent = 52.3517'
 Length = 92.1094'
 Radius = 100.0000'
 External = 12.8747'
 Long Chord = 92.7607'
 Mid. Ord. = 11.4062'
 P.C. Station 630+81.87 N 2,044,880.4894 E 2,583,266.5201
 P.T. Station 631+73.98 N 2,044,878.0423 E 2,583,359.2485
 C.C. N 2,044,967.8288 E 2,583,315.2215

Course from PT PATH-21 to PC PATH-22 N 63° 52' 44.05" E Dist 17.2331'

FILE NAME =	USER NAME = dossdd	DESIGNED - BFH	REVISED -
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		CHECKED - BFH	REVISED -
		DATE - \$SUBDATE\$	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ALIGNMENT, TIES & BENCHMARKS - MULTI-USE PATH

SCALE: SHEET NO. 10 OF 11 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	46
CONTRACT NO. 64750			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	