

Curve Data

Curve PATH-22
 P.I. Station 632+71.63 N 2,044,921.0343 E 2,583,446.9243
 Delta = 77° 36' 34.97" (RT)
 Degree = 60° 00' 00.00"
 Tangent = 80.4160'
 Length = 129.3495'
 Radius = 100.0000'
 External = 28.3228'
 Long Chord = 125.3340'
 Mid. Ord. = 22.0715'
 P.C. Station 631+91.21 N 2,044,885.6295 E 2,583,374.7215
 P.T. Station 633+20.56 N 2,044,858.1100 E 2,583,496.9969
 C.C. N 2,044,795.8430 E 2,583,418.7485

Course from PT PATH-22 to PATH3 S 38° 30' 40.98" E Dist 16.1538'

Point PATH3 N 2,044,845.4699 E 2,583,507.0554 Sta 633+36.72

Course from PATH3 to PC PATH-23 S 89° 20' 14.26" E Dist 76.9626'

Curve Data

Curve PATH-23
 P.I. Station 634+50.67 N 2,044,844.1519 E 2,583,620.9962
 Delta = 40° 35' 40.67" (LT)
 Degree = 60° 00' 00.00"
 Tangent = 36.9858'
 Length = 67.6577'
 Radius = 100.0000'
 External = 6.6206'
 Long Chord = 69.3783'
 Mid. Ord. = 6.2095'
 P.C. Station 634+13.68 N 2,044,844.5797 E 2,583,584.0129
 P.T. Station 634+81.34 N 2,044,867.8923 E 2,583,649.3572
 C.C. N 2,044,944.5730 E 2,583,585.1695

Course from PT PATH-23 to PC PATH-24 N 50° 04' 05.07" E Dist 15.4743'

Curve Data

Curve PATH-24
 P.I. Station 635+52.97 N 2,044,913.8724 E 2,583,704.2866
 Delta = 58° 38' 12.52" (RT)
 Degree = 60° 00' 00.00"
 Tangent = 56.1596'
 Length = 97.7280'
 Radius = 100.0000'
 External = 14.6905'
 Long Chord = 97.9325'
 Mid. Ord. = 12.8088'
 P.C. Station 634+96.81 N 2,044,877.8249 E 2,583,661.2230
 P.T. Station 635+94.54 N 2,044,895.8624 E 2,583,757.4801
 C.C. N 2,044,801.1441 E 2,583,725.4107

Course from PT PATH-24 to PC PATH-25 S 71° 17' 42.41" E Dist 42.2678'

Curve Data

Curve PATH-25
 P.I. Station 637+59.71 N 2,044,842.8924 E 2,583,913.9293
 Delta = 80° 34' 14.86" (LT)
 Degree = 40° 20' 33.15"
 Tangent = 122.9054'
 Length = 199.7167'
 Radius = 145.0000'
 External = 45.0809'
 Long Chord = 187.5127'
 Mid. Ord. = 34.3892'
 P.C. Station 636+36.81 N 2,044,882.3074 E 2,583,797.5154
 P.T. Station 638+36.52 N 2,044,951.2761 E 2,583,971.8837
 C.C. N 2,045,019.6489 E 2,583,844.0160

Course from PT PATH-25 to PC PATH-26 N 28° 08' 02.73" E Dist 19.1782'

Curve Data

Curve PATH-26
 P.I. Station 639+29.39 N 2,045,033.1677 E 2,584,015.6724
 Delta = 72° 46' 11.15" (RT)
 Degree = 60° 00' 00.00"
 Tangent = 73.6856'
 Length = 121.2829'
 Radius = 100.0000'
 External = 24.2158'
 Long Chord = 118.6413'
 Mid. Ord. = 19.4950'
 P.C. Station 638+55.70 N 2,044,968.1883 E 2,583,980.9269
 P.T. Station 639+76.99 N 2,045,019.2292 E 2,584,088.0277
 C.C. N 2,044,921.0346 E 2,584,069.1116

Course from PT PATH-26 to PC PATH-27 S 79° 05' 46.12" E Dist 37.0694'

Curve Data

Curve PATH-27
 P.I. Station 640+40.86 N 2,045,007.1458 E 2,584,150.7534
 Delta = 13° 53' 44.81" (LT)
 Degree = 26° 16' 23.22"
 Tangent = 26.8095'
 Length = 52.8897'
 Radius = 220.0000'
 External = 1.6275'
 Long Chord = 53.2253'
 Mid. Ord. = 1.6156'
 P.C. Station 640+14.06 N 2,045,012.2171 E 2,584,124.4279
 P.T. Station 640+66.95 N 2,045,008.5451 E 2,584,177.5264
 C.C. N 2,045,228.2452 E 2,584,166.0434

Course from PT PATH-27 to PC PATH-28 N 87° 00' 29.06" E Dist 17.8279'

Curve Data

Curve PATH-28
 P.I. Station 641+16.76 N 2,045,011.1453 E 2,584,227.2743
 Delta = 18° 10' 25.69" (RT)
 Degree = 28° 57' 18.09"
 Tangent = 31.9879'
 Length = 62.7656'
 Radius = 200.0000'
 External = 2.5419'
 Long Chord = 63.1729'
 Mid. Ord. = 2.5100'
 P.C. Station 640+84.77 N 2,045,009.4757 E 2,584,195.3300
 P.T. Station 641+47.54 N 2,045,002.7681 E 2,584,258.1458
 C.C. N 2,044,809.7483 E 2,584,205.7690

Course from PT PATH-28 to PC PATH-29 S 74° 49' 05.25" E Dist 60.6097'

Curve Data

Curve PATH-29
 P.I. Station 643+07.15 N 2,044,960.9682 E 2,584,412.1878
 Delta = 24° 54' 01.52" (LT)
 Degree = 12° 48' 14.32"
 Tangent = 99.0028'
 Length = 194.4741'
 Radius = 448.4167'
 External = 10.7990'
 Long Chord = 193.3493'
 Mid. Ord. = 10.5451'
 P.C. Station 642+08.15 N 2,044,986.8954 E 2,584,316.6402
 P.T. Station 644+02.62 N 2,044,977.6807 E 2,584,509.7698
 C.C. N 2,045,419.6621 E 2,584,434.0733

Course from PT PATH-29 to PATH4 N 80° 16' 53.24" E Dist 77.4988'

Point PATH4 N 2,044,990.7632 E 2,584,586.1564 Sta 644+80.12

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 Ending chain PATH description

FILE NAME =	USER NAME = dossed	DESIGNED - BFH	REVISED -
ct:\pw\work\p1dot\dossed\dms67949\0264750-sh-t-HVC-(pgs37-47).dgn		DRAWN - BFH	REVISED -
PLOT SCALE = 40.0000' / in.		CHECKED - BFH	REVISED -
PLOT DATE = Mon Dec 17 13:21:26 2012		DATE - \$SUBDATE\$	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES & BENCHMARKS - MULTI-USE PATH

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	41R	WINNEBAGO	327	47
CONTRACT NO. 64750			FED. ROAD DIST. NO. 2 ILLINOIS FED. AID PROJECT	