

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
PATH	PATH-1	ATH-1	1	2	3
PATH	PATH-2	ATH-2	1	2	3
PATH	PATH-3	ATH-3	1	2	3
PATH	PATH-4	ATH-4	1	2	3
PATH	PATH-5	ATH-5	1	2	3
PATH	PATH-6	ATH-6	1	2	3
PATH	PATH-7	ATH-7	1	2	3
PATH	PATH-8	ATH-8	1	2	3
PATH	PATH-9	ATH-9	1	2	3
PATH	PATH-10	ATH-10	1	2	3
PATH	PATH-11	ATH-11	1	2	3
PATH	PATH-12	ATH-12	1	2	3
PATH	PATH-13	ATH-13	1	2	3
PATH	PATH-14	ATH-14	1	2	3
PATH	PATH-15	ATH-15	1	2	3
PATH	PATH-16	ATH-16	1	2	3
PATH	PATH-17	ATH-17	1	2	3
PATH	PATH-18	ATH-18	1	2	3
PATH	PATH-19	ATH-19	1	2	3
PATH	PATH-20	ATH-20	1	2	3
PATH	PATH-21	ATH-21	1	2	3
PATH	PATH-22	ATH-22	1	2	3
PATH	PATH-23	ATH-23	1	2	3
PATH	PATH-24	ATH-24	1	2	3
PATH	PATH-25	ATH-25	1	2	3
PATH	PATH-26	ATH-26	1	2	3
PATH	PATH-27	ATH-27	1	2	3
PATH	PATH-28	ATH-28	1	2	3
PATH	PATH-29	ATH-29	1	2	3

Chain PATH contains:
 PATH1 CUR PATH-1 CUR PATH-2 CUR PATH-3 CUR PATH-4 CUR PATH-5 CUR PATH-6 CUR PATH-7 CUR PATH-8 CUR PATH-9 CUR PATH-10 CUR PATH-11 CUR PATH-12 CUR PATH-13 PATH-2 CUR PATH-14 CUR PATH-15 CUR PATH-16 CUR PATH-17 CUR PATH-18 CUR PATH-19 CUR PATH-20 CUR PATH-21 CUR PATH-22 PATH3 CUR PATH-23 CUR PATH-24 CUR PATH-25 CUR PATH-26 CUR PATH-27 CUR PATH-28 CUR PATH-29 PATH4

Beginning chain PATH description
 =====

Point PATH1 N 2,045,006.4658 E 2,580,289.6279 Sta 600+50.00
 Course from PATH1 to PC PATH-1 S 78° 33' 32.70" E Dist 20.7317'

Curve Data

Curve PATH-1
 P.I. Station 601+31.23 N 2,044,990.3525 E 2,580,369.2476
 Delta = 10° 28' 31.13" (LT)
 Degree = 8° 41' 22.21"
 Tangent = 60.5021'
 Length = 120.5513'
 Radius = 660.0000'
 External = 2.7673'
 Long Chord = 120.4990'
 Mid. Ord. = 2.7558'
 P.C. Station 600+70.73 N 2,045,002.3535 E 2,580,309.9477
 P.T. Station 601+91.28 N 2,044,989.3329 E 2,580,429.7411
 C.C. N 2,045,649.2392 E 2,580,440.8635

Curve Data

Curve PATH-2
 P.I. Station 602+17.65 N 2,044,988.8885 E 2,580,456.1090
 Delta = 9° 08' 16.94" (LT)
 Degree = 17° 25' 46.14"
 Tangent = 26.3716'
 Length = 52.4286'
 Radius = 330.0000'
 External = 1.0521'
 Long Chord = 52.5756'
 Mid. Ord. = 1.0487'
 P.C. Station 601+91.28 N 2,044,989.3329 E 2,580,429.7411
 P.T. Station 602+43.71 N 2,044,992.6373 E 2,580,482.2128
 C.C. N 2,045,319.2861 E 2,580,435.3023

Course from PT PATH-2 to PC PATH-3 N 81° 49' 39.22" E Dist 20.2441'

Curve Data

Curve PATH-3
 P.I. Station 602+73.82 N 2,044,996.9167 E 2,580,512.0114
 Delta = 11° 15' 45.15" (RT)
 Degree = 60° 00' 00.00"
 Tangent = 9.8602'
 Length = 18.7709'
 Radius = 100.0000'
 External = 0.4849'
 Long Chord = 19.6252'
 Mid. Ord. = 0.4826'
 P.C. Station 602+63.96 N 2,044,995.5151 E 2,580,502.2513
 P.T. Station 602+82.73 N 2,044,996.3852 E 2,580,521.8572
 C.C. N 2,044,896.5306 E 2,580,516.4666

Course from PT PATH-3 to PC PATH-4 S 86° 54' 35.63" E Dist 87.3887'

Curve Data

Curve PATH-4
 P.I. Station 603+86.25 N 2,044,990.8046 E 2,580,625.2308
 Delta = 18° 19' 54.60" (LT)
 Degree = 60° 00' 00.00"
 Tangent = 16.1354'
 Length = 30.5531'
 Radius = 100.0000'
 External = 1.2934'
 Long Chord = 31.8588'
 Mid. Ord. = 1.2769'
 P.C. Station 603+70.12 N 2,044,991.6744 E 2,580,609.1188
 P.T. Station 604+00.67 N 2,044,995.0465 E 2,580,640.7986
 C.C. N 2,045,091.5290 E 2,580,614.5094

Course from PT PATH-4 to PC PATH-5 N 74° 45' 29.77" E Dist 71.5200'

Curve Data

Curve PATH-5
 P.I. Station 605+06.11 N 2,045,022.7668 E 2,580,742.5334
 Delta = 37° 28' 39.69" (RT)
 Degree = 60° 00' 00.00"
 Tangent = 33.9237'
 Length = 62.4628'
 Radius = 100.0000'
 External = 5.5974'
 Long Chord = 64.2510'
 Mid. Ord. = 5.3007'
 P.C. Station 604+72.19 N 2,045,013.8485 E 2,580,709.8029
 P.T. Station 605+34.65 N 2,045,009.9293 E 2,580,773.9343
 C.C. N 2,044,917.3660 E 2,580,736.0921

Course from PT PATH-5 to PC PATH-6 S 67° 45' 50.54" E Dist 49.0810'

Curve Data

Curve PATH-6
 P.I. Station 606+00.31 N 2,044,985.0821 E 2,580,834.7113
 Delta = 18° 49' 36.55" (LT)
 Degree = 60° 00' 00.00"
 Tangent = 16.5789'
 Length = 31.3780'
 Radius = 100.0000'
 External = 1.3650'
 Long Chord = 32.7114'
 Mid. Ord. = 1.3466'
 P.C. Station 605+83.73 N 2,044,991.3560 E 2,580,819.3653
 P.T. Station 606+15.11 N 2,044,984.0963 E 2,580,851.2609
 C.C. N 2,045,083.9193 E 2,580,857.2075

Course from PT PATH-6 to PC PATH-7 S 86° 35' 27.08" E Dist 154.6445'

Curve Data

Curve PATH-7
 P.I. Station 607+96.19 N 2,044,973.3284 E 2,581,032.0174
 Delta = 19° 59' 15.66" (LT)
 Degree = 38° 56' 32.79"
 Tangent = 26.4324'
 Length = 51.3262'
 Radius = 150.0000'
 External = 2.3111'
 Long Chord = 52.0627'
 Mid. Ord. = 2.2760'
 P.C. Station 607+69.75 N 2,044,974.9002 E 2,581,005.6318
 P.T. Station 608+21.08 N 2,044,980.8703 E 2,581,057.3510
 C.C. N 2,045,124.6348 E 2,581,014.5516

Course from PT PATH-7 to PC PATH-8 N 73° 25' 17.26" E Dist 15.5609'

Curve Data

Curve PATH-8
 P.I. Station 608+82.67 N 2,044,998.4447 E 2,581,116.3837
 Delta = 36° 24' 06.88" (RT)
 Degree = 41° 50' 58.79"
 Tangent = 46.0322'
 Length = 86.9826'
 Radius = 140.0000'
 External = 7.3736'
 Long Chord = 87.4582'
 Mid. Ord. = 7.0046'
 P.C. Station 608+36.64 N 2,044,985.3103 E 2,581,072.2650
 P.T. Station 609+23.62 N 2,044,982.8341 E 2,581,159.6882
 C.C. N 2,044,851.1302 E 2,581,112.2111

Course from PT PATH-8 to PC PATH-9 S 70° 10' 35.87" E Dist 45.1008'

Curve Data

Curve PATH-9
 P.I. Station 610+34.29 N 2,044,945.3065 E 2,581,263.7919
 Delta = 23° 09' 24.02" (LT)
 Degree = 17° 58' 42.96"
 Tangent = 65.5605'
 Length = 128.8013'
 Radius = 320.0000'
 External = 6.6469'
 Long Chord = 128.4528'
 Mid. Ord. = 6.5116'
 P.C. Station 609+68.73 N 2,044,967.5395 E 2,581,202.1164
 P.T. Station 610+97.53 N 2,044,949.1185 E 2,581,329.2415
 C.C. N 2,045,268.5771 E 2,581,310.6353

Course from PT PATH-9 to PC PATH-10 N 86° 40' 00.11" E Dist 58.9932'

FILE NAME =	USER NAME = dossed	DESIGNED - BFH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ALIGNMENT, TIES & BENCHMARKS - MULTI-USE PATH	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\pwork\dot\dossed\dms67949\0264750-sh-t-HVC-lpgs37-471.dgn	DRAWN - BFH	REVISIED -	303			41R	WINNEBAGO	327	45	
PLOT SCALE = 48.0000' / in.	CHECKED - RCH	REVISIED -	CONTRACT NO. 64750							
PLOT DATE = Mon Dec 17 13:21:06 2012	DATE - \$SUBDATE\$	REVISIED -	SCALE:			SHEET NO. 9 OF 11 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 2 ILLINOIS	FED. AID PROJECT	