

PROPOSED HORIZONTAL CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	129K	WINNEBAGO	585	68
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

PROPOSED BIKE PATH
Chain BPATH continued:

Curve Data

Curve BPATH-7
P.I. Station 188+37.8854 N 2,079,352.7668 E 2,620,598.7740
Delta = 54° 25' 18.4793" (LT)
Degree = 16° 22' 12.8018"
Tangent = 179.9597'
Length = 332.4439'
Radius = 350.0000'
External = 43.5550'
Long Chord = 320.0870'
Mid. Ord. = 38.7347'
P.C. Station 186+57.9257 N 2,079,349.5430 E 2,620,418.8432
P.T. Station 189+90.3695 N 2,079,500.9842 E 2,620,700.8383
C.C. N 2,079,699.4868 E 2,620,412.5733

Course from PT BPATH-7 to PC BPATH-8 34° 33' 06.3212" Dist 63.8717'

Curve Data

Curve BPATH-8
P.I. Station 191+33.3733 N 2,079,618.7641 E 2,620,781.9429
Delta = 54° 05' 28.5707" (RT)
Degree = 36° 57' 54.0685"
Tangent = 79.1320'
Length = 146.3310'
Radius = 155.0000'
External = 19.0312'
Long Chord = 140.9570'
Mid. Ord. = 16.9501'
P.C. Station 190+54.2412 N 2,079,553.5898 E 2,620,737.0632
P.T. Station 192+00.5722 N 2,079,620.6380 E 2,620,861.0528
C.C. N 2,079,465.6815 E 2,620,864.7234

Course from PT BPATH-8 to PC BPATH-9 88° 38' 34.8920" Dist 186.7421'

Curve Data

Curve BPATH-9
P.I. Station 193+96.6007 N 2,079,625.2803 E 2,621,057.0262
Delta = 10° 36' 39.6167" (RT)
Degree = 57° 17' 44.8062"
Tangent = 9.2864'
Length = 18.5197'
Radius = 100.0000'
External = 0.4303'
Long Chord = 18.4932'
Mid. Ord. = 0.4284'
P.C. Station 193+87.3143 N 2,079,625.0604 E 2,621,047.7424
P.T. Station 194+05.8340 N 2,079,623.7869 E 2,621,066.1918
C.C. N 2,079,525.0884 E 2,621,050.1106

Curve Data

Curve BPATH-10
P.I. Station 194+15.1204 N 2,079,622.2936 E 2,621,075.3573
Delta = 10° 36' 39.6166" (LT)
Degree = 57° 17' 44.8049"
Tangent = 9.2864'
Length = 18.5197'
Radius = 100.0000'
External = 0.4303'
Long Chord = 18.4932'
Mid. Ord. = 0.4284'
P.C. Station 194+05.8340 N 2,079,623.7869 E 2,621,066.1918
P.T. Station 194+24.3537 N 2,079,622.5135 E 2,621,084.6411
C.C. N 2,079,722.4854 E 2,621,082.2730

Course from PT BPATH-10 to PC BPATH-11 88° 38' 34.8920" Dist 195.7399'

Curve Data

Curve BPATH-11
P.I. Station 196+29.3800 N 2,079,627.3688 E 2,621,289.6100
Delta = 10° 36' 39.6166" (LT)
Degree = 57° 17' 44.8062"
Tangent = 9.2864'
Length = 18.5197'
Radius = 100.0000'
External = 0.4303'
Long Chord = 18.4932'
Mid. Ord. = 0.4284'
P.C. Station 196+20.0936 N 2,079,627.1489 E 2,621,280.3262
P.T. Station 196+38.6133 N 2,079,629.2945 E 2,621,298.6945
C.C. N 2,079,727.1208 E 2,621,277.9580

Curve Data

Curve BPATH-12
P.I. Station 196+47.8997 N 2,079,631.2201 E 2,621,307.7791
Delta = 10° 36' 39.6166" (RT)
Degree = 57° 17' 44.8047"
Tangent = 9.2864'
Length = 18.5197'
Radius = 100.0000'
External = 0.4303'
Long Chord = 18.4932'
Mid. Ord. = 0.4284'
P.C. Station 196+38.6133 N 2,079,629.2945 E 2,621,298.6945
P.T. Station 196+57.1330 N 2,079,631.4401 E 2,621,317.0629
C.C. N 2,079,531.4681 E 2,621,319.4310

Course from PT BPATH-12 to PC BPATH-13 88° 38' 34.8920" Dist 157.5984'

Curve Data

Curve BPATH-13
P.I. Station 198+24.0178 N 2,079,635.3921 E 2,621,483.9009
Delta = 10° 36' 39.6167" (RT)
Degree = 57° 17' 44.8062"
Tangent = 9.2864'
Length = 18.5197'
Radius = 100.0000'
External = 0.4303'
Long Chord = 18.4932'
Mid. Ord. = 0.4284'
P.C. Station 198+14.7314 N 2,079,635.1722 E 2,621,474.6171
P.T. Station 198+33.2511 N 2,079,633.8988 E 2,621,493.0664
C.C. N 2,079,535.2003 E 2,621,476.9852

Curve Data

Curve BPATH-14
P.I. Station 198+42.5375 N 2,079,632.4054 E 2,621,502.2320
Delta = 10° 36' 39.6166" (LT)
Degree = 57° 17' 44.8069"
Tangent = 9.2864'
Length = 18.5197'
Radius = 100.0000'
External = 0.4303'
Long Chord = 18.4932'
Mid. Ord. = 0.4284'
P.C. Station 198+33.2511 N 2,079,633.8988 E 2,621,493.0664
P.T. Station 198+51.7708 N 2,079,632.6253 E 2,621,511.5158
C.C. N 2,079,732.5973 E 2,621,509.1476

Course from PT BPATH-14 to I0015 88° 38' 34.8919" Dist 56.1776'

Point I0015 N 2,079,633.9557 E 2,621,567.6776 Sta 199+07.9484

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Ending chain BPATH description
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REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		HORIZONTAL & VERTICAL CONTROL
SCALE:	VERT. N/A HORIZ. N/A	DRAWN BY
DATE	SEPTEMBER 14, 2005	CHECKED BY

HORIZONTAL & VERTICAL CONTROL

DATE = 08/14/05
FILE NAME = 081405
PLOT SCALE = 1"=100'
REFERENCE = 081405