

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	I29K	WINNEBAGO	585	67
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

PROPOSED HORIZONTAL CONTROL

PROPOSED LYFORD
Chain LYFORD contains:
P9036 P9047 P9049

Beginning chain LYFORD description

Point P9036 N 2,079,731.2177 E 2,622,886.6304 Sta 2000+00.0000

Course from P9036 to P9047 178° 38' 34.8919" Dist 682.3099'

Point P9047 N 2,079,049.0991 E 2,622,902.7885 Sta 2006+82.3099

Course from P9047 to P9049 268° 38' 34.8919" Dist 358.0489'

Point P9049 N 2,079,040.6200 E 2,622,544.8400 Sta 2010+40.3588

Ending chain LYFORD description

PROPOSED ROCK CUT STATE PARK ENTRANCE
Chain RCSP contains:
CUR RCSP-1 P9296

Beginning chain RCSP description

Curve Data

Curve RCSP-1

P.I. Station 9001+38.1279 N 2,079,340.2454 E 2,617,719.5991

Delta = 15° 25' 26.7745" (LT)

Degree = 5° 37' 02.0398"

Tangent = 138.1279'

Length = 274.5854'

Radius = 1,020.0000'

External = 9.3101'

Long Chord = 273.7571'

Mid. Ord. = 9.2259'

P.C. Station 9000+00.0000 N 2,079,206.2598 E 2,617,686.0259

P.T. Station 9002+74.5854 N 2,079,478.3346 E 2,617,716.3280

C.C. N 2,079,454.1795 E 2,616,696.6141

Course from PT RCSP-1 to P9296 358° 38' 34.8920" Dist 130.3719'

Point P9296 N 2,079,608.6699 E 2,617,713.2406 Sta 9004+04.9573

Ending chain RCSP description

PROPOSED GREENLEE ROAD
Chain GRNLEE contains:
P9291 P9292 P9301

Beginning chain GRNLEE description

Point P9291 N 2,079,731.2280 E 2,622,886.6300 Sta 10+00.0000

Course from P9291 to P9292 358° 38' 34.8307" Dist 683.8598'

Point P9292 N 2,080,414.8960 E 2,622,870.4350 Sta 16+83.8598

Course from P9292 to P9301 268° 27' 11.9611" Dist 284.4302'

Point P9301 N 2,080,407.2188 E 2,622,586.1084 Sta 19+68.2900

Ending chain GRNLEE description

PROPOSED BIKE PATH

Chain BPATH contains:

10014 CUR BPATH-1 CUR BPATH-2 CUR BPATH-3 CUR BPATH-4 CUR BPATH-5 CUR BPATH-6 -
CUR BPATH-7 CUR BPATH-8 CUR BPATH-9 CUR BPATH-10 CUR BPATH-11 CUR BPATH-12 CUR -
BPATH-13 CUR BPATH-14 10015

Beginning chain BPATH description

Point 10014 N 2,078,976.8828 E 2,617,632.3811 Sta 157+76.2400

Course from 10014 to PC BPATH-11 54° 49.8430" Dist 21.9484'

Curve Data

Curve BPATH-1

P.I. Station 159+34.0774 N 2,078,910.3930 E 2,617,775.5305

Delta = 42° 26' 16.2012" (LT)

Degree = 16° 22' 12.8018"

Tangent = 135.8890'

Length = 259.2380'

Radius = 350.0000'

External = 25.4542'

Long Chord = 253.3527'

Mid. Ord. = 23.7285'

P.C. Station 157+98.1884 N 2,078,967.6370 E 2,617,652.2870

P.T. Station 160+57.4264 N 2,078,951.3099 E 2,617,905.1130

C.C. N 2,079,285.0668 E 2,617,799.7262

Course from PT BPATH-1 to PC BPATH-2 72° 28' 33.6421" Dist 328.0669'

Curve Data

Curve BPATH-2

P.I. Station 164+30.1884 N 2,079,063.5504 E 2,618,260.5755

Delta = 14° 33' 16.5492" (LT)

Degree = 16° 22' 12.8018"

Tangent = 44.6951'

Length = 88.9090'

Radius = 350.0000'

External = 2.8422'

Long Chord = 88.6701'

Mid. Ord. = 2.8194'

P.C. Station 163+85.4933 N 2,079,050.0925 E 2,618,217.9546

P.T. Station 164+74.4023 N 2,079,087.2872 E 2,618,298.4465

C.C. N 2,079,383.8494 E 2,618,112.5679

Course from PT BPATH-2 to PC BPATH-3 57° 55' 17.0928" Dist 228.5895'

Curve Data

Curve BPATH-3

P.I. Station 168+03.2622 N 2,079,261.9388 E 2,618,577.0963

Delta = 43° 42' 34.7708" (RT)

Degree = 22° 55' 05.9225"

Tangent = 100.2705'

Length = 190.7194'

Radius = 250.0000'

External = 19.3588'

Long Chord = 186.1281'

Mid. Ord. = 17.9675'

P.C. Station 167+02.9917 N 2,079,208.6869 E 2,618,492.1351

P.T. Station 168+93.7111 N 2,079,241.7233 E 2,618,675.3079

C.C. N 2,078,996.8568 E 2,618,624.9056

Course from PT BPATH-3 to PC BPATH-4 101° 37' 51.8637" Dist 259.9892'

Curve Data

Curve BPATH-4

P.I. Station 172+04.3484 N 2,079,179.0960 E 2,618,979.5666

Delta = 28° 25' 18.2266" (LT)

Degree = 28° 38' 52.4031"

Tangent = 50.6481'

Length = 99.2106'

Radius = 200.0000'

External = 6.3134'

Long Chord = 98.1965'

Mid. Ord. = 6.1202'

P.C. Station 171+53.7003 N 2,079,189.3071 E 2,618,929.9584

P.T. Station 172+52.9108 N 2,079,193.7270 E 2,619,028.0554

C.C. N 2,079,385.2003 E 2,618,970.2803

Course from PT BPATH-4 to PC BPATH-5 73° 12' 33.6370" Dist 172.0185'

Curve Data

Curve BPATH-5

P.I. Station 174+53.4554 N 2,079,251.6595 E 2,619,220.0501

Delta = 9° 19' 08.3450" (RT)

Degree = 16° 22' 12.8018"

Tangent = 28.5261'

Length = 56.9264'

Radius = 350.0000'

External = 1.1606'

Long Chord = 56.8637'

Mid. Ord. = 1.1567'

P.C. Station 174+24.9293 N 2,079,243.4190 E 2,619,192.7401

P.T. Station 174+81.8557 N 2,079,255.3689 E 2,619,248.3340

C.C. N 2,078,908.3406 E 2,619,293.8466

Course from PT BPATH-5 to PC BPATH-6 82° 31' 41.9821" Dist 623.8606'

Curve Data

Curve BPATH-6

P.I. Station 181+33.8687 N 2,079,340.1540 E 2,619,894.8109

Delta = 6° 26' 42.8184" (RT)

Degree = 11° 27' 32.9612"

Tangent = 28.1523'

Length = 56.2452'

Radius = 500.0000'

External = 0.7919'

Long Chord = 56.2156'

Mid. Ord. = 0.7907'

P.C. Station 181+05.7163 N 2,079,336.4932 E 2,619,866.8976

P.T. Station 181+61.9616 N 2,079,340.6583 E 2,619,922.9587

C.C. N 2,078,840.7386 E 2,619,931.9156

Course from PT BPATH-6 to PC BPATH-7 88° 58' 24.8005" Dist 495.9641'

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