

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00174-00-B1	ROCK ISLAND	112	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

HORIZONTAL AND VERTICAL CONTROL

Beginning chain BIKEPATH description

Point 151 N 1,760,711.69 E 2,191,902.67 Sta 100+00.00

Course from 151 to 152 N 2° 25' 13.67" E Dist 24.50

Point 152 N 1,760,736.17 E 2,191,903.71 Sta 100+24.50

Curve Data

Curve CURVE1

P. I. Station 100+66.09 N 1,760,777.72 E 2,191,905.46
 Delta = 45° 09' 59.91" (LT)
 Degree = 57° 17' 44.81"
 Tangent = 41.59
 Length = 78.83
 Radius = 100.00
 External = 8.30
 Long Chord = 76.81
 Mid. Ord. = 7.67
 P. C. Station 100+24.50 N 1,760,736.17 E 2,191,903.71
 P. T. Station 101+03.33 N 1,760,808.27 E 2,191,877.23
 C. C. N 1,760,740.39 E 2,191,803.80
 Back = N 2° 25' 13.67" E
 Ahead = N 42° 44' 46.24" W
 Chord Bear = N 20° 09' 46.28" W

Point 153 N 1,760,808.27 E 2,191,877.23 Sta 101+03.33

Course from 153 to 154 N 42° 44' 46.24" W Dist 53.81

Point 154 N 1,760,847.78 E 2,191,840.71 Sta 101+57.14

Curve Data

Curve CURVE2

P. I. Station 101+89.86 N 1,760,871.81 E 2,191,818.50
 Delta = 36° 14' 05.68" (RT)
 Degree = 57° 17' 44.81"
 Tangent = 32.72
 Length = 63.24
 Radius = 100.00
 External = 5.22
 Long Chord = 62.19
 Mid. Ord. = 4.96
 P. C. Station 101+57.14 N 1,760,847.78 E 2,191,840.71
 P. T. Station 102+20.38 N 1,760,904.32 E 2,191,814.79
 C. C. N 1,760,915.66 E 2,191,914.15
 Back = N 42° 44' 46.24" W
 Ahead = N 6° 30' 40.56" W
 Chord Bear = N 24° 37' 43.40" W

Point 155 N 1,760,904.32 E 2,191,814.79 Sta 102+20.38

Beginning chain BIKEPATH description (CONTINUED)

Course from 155 to 156 N 6° 30' 40.55" W Dist 404.31

Point 156 N 1,761,306.02 E 2,191,768.94 Sta 106+24.69

Curve Data

Curve CURVE3

P. I. Station 106+60.02 N 1,761,341.14 E 2,191,765.14
 Delta = 19° 10' 21.17" (RT)
 Degree = 27° 23' 21.66"
 Tangent = 35.33
 Length = 70.00
 Radius = 209.19
 External = 2.96
 Long Chord = 69.67
 Mid. Ord. = 2.92
 P. C. Station 106+24.69 N 1,761,306.02 E 2,191,768.94
 P. T. Station 106+94.69 N 1,761,375.57 E 2,191,773.08
 C. C. N 1,761,328.55 E 2,191,976.92
 Back = N 6° 10' 53.99" W
 Ahead = N 12° 59' 27.18" E
 Chord Bear = N 3° 24' 16.60" E

Point 157 N 1,761,375.57 E 2,191,773.08 Sta 106+94.69

Course from 157 to 158 N 12° 38' 33.43" E Dist 146.01

Point 158 N 1,761,518.05 E 2,191,805.04 Sta 108+40.71

Ending chain BIKEPATH description

BENCHMARKS

BENCHMARK	DESCRIPTION	ELEVATION
BM 38 - 11	NORTH BOLT ON FIRE HYDRANT AT SOUTHWEST CORNER OF 38th STREET & 11th AVENUE	700.11
BM 38 - TC	NORTH BOLT ON HYDRANT EAST SIDE OF 38th STREET NEXT TO LINCOLN PARK TENNIS COURTS	695.32
BM 38 - ANDR	NORTH BOLT ON HYDRANT WEST SIDE OF 38th STREET NORTH OF ANDREEN RESIDENCE HALL ENTRANCE	685.03
TBM - 1	P.K. NAIL IN POWER POLE LOCATED AT THE NORTHWEST CORNER OF 38th STREET & 11th AVENUE	699.00
TBM - 2	P.K. NAIL IN POWER POLE WITH LIGHT LOCATED 1 POLE WEST OF TBM - 2	699.00
TBM - 3	CHISELED SQUARE ON BACK OF CURB LOCATED AT THE FAR WEST CORNER OF THE PARKING LOT JUST NORTH OF THE WEST END OF SWANSON HALL	691.41
TBM - 4	P.K. NAIL IN SOUTH SIDE OF 40" DIAMETER TREE 60± NORTH OF SAND VOLLEYBALL COURT NORTH OF AUGUSTANA UPPER TENNIS COURTS	700.37
TBM - 5	CHISELED SQUARE ON SOUTH SIDE OF CONCRETE BASE OF LIGHT POLE ON NORTH SIDE OF SIDEWALK AT NORTHWEST CORNER OF WESTERLIN RESIDENCE HALL	702.78
TBM - 7	CHISELED SQUARE ON TOP OF CURB 50± SOUTHEAST OF HORIZONTAL CONTROL POINT #3 LOCATED JUST SOUTHWEST OF RYDEN HOUSE	693.40
TBM - 6	CHISELED SQUARE ON TOP OF CURB 20± NORTHWEST OF HORIZONTAL CONTROL POINT #3 LOCATED JUST SOUTHWEST OF RYDEN HOUSE	694.38

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

HORIZONTAL AND VERTICAL CONTROL

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY

PLOT DATE = #DATE#
FILE NAME = #FILE#
PLOT SCALE = #SCALE#
USER NAME = #USER#