

PROPOSED HORIZONTAL & VERTICAL CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	56
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Chain PROPEOPLE contains:
70019 CUR 70330 CUR 70340 70013

Beginning chain PROPEOPLE description

Point 70019 N 2,032,320.7630 E 2,588,332.5690 Sta 153+95.2921

Course from 70019 to PC 70330 88° 37' 20.6718" Dist 383.9588'

Curve Data

Curve 70330
P.I. Station 158+59.6833 N 2,032,331.9275 E 2,588,796.8260
Delta = 15° 58' 55.3613" (RT)
Degree = 10° 00' 00.0000"
Tangent = 80.4324'
Length = 159.8204'
Radius = 572.9578'
External = 5.6181'
Long Chord = 159.3028'
Mid. Ord. = 5.5635'
P.C. Station 157+79.2509 N 2,032,329.9938 E 2,588,716.4168
P.T. Station 159+39.0713 N 2,032,311.6469 E 2,588,874.6596
C.C. N 2,031,757.2016 E 2,588,730.1914

Course from PT 70330 to PC 70340 104° 36' 16.0331" Dist 290.1429'

Curve Data

Curve 70340
P.I. Station 163+08.7832 N 2,032,218.4261 E 2,589,232.4260
Delta = 15° 48' 45.6217" (LT)
Degree = 10° 00' 00.0000"
Tangent = 79.5690'
Length = 158.1267'
Radius = 572.9578'
External = 5.4987'
Long Chord = 157.6254'
Mid. Ord. = 5.4464'
P.C. Station 162+29.2142 N 2,032,238.4890 E 2,589,155.4278
P.T. Station 163+87.3409 N 2,032,220.1038 E 2,589,311.9773
C.C. N 2,032,792.9342 E 2,589,299.8960

Course from PT 70340 to 70013 88° 47' 30.4113" Dist 285.2701'

Point 70013 N 2,032,226.1190 E 2,589,597.1840 Sta 166+72.6110

Ending chain PROPEOPLE description

Chain P22NDWB contains:
70290 70010

Beginning chain P22NDWB description

Point 70290 N 2,032,734.4088 E 2,588,930.5951 Sta 110+00.0000

Course from 70290 to 70010 88° 39' 06.2618" Dist 370.8215'

Point 70010 N 2,032,743.1340 E 2,589,301.3140 Sta 113+70.8215

Ending chain P22NDWB description

Chain P22NDEB contains:
70300 70011

Beginning chain P22NDEB description

Point 70300 N 2,032,687.5800 E 2,588,930.9184 Sta 120+00.0000

Course from 70300 to 70011 88° 32' 44.2956" Dist 374.1841'

Point 70011 N 2,032,697.0770 E 2,589,304.9820 Sta 123+74.1841

Ending chain P22NDEB description

Chain P21ST contains:
70280 70009

Beginning chain P21ST description

Point 70280 N 2,033,277.7728 E 2,588,934.8339 Sta 100+00.0000

Course from 70280 to 70009 88° 36' 26.0713" Dist 383.4564'

Point 70009 N 2,033,287.0930 E 2,589,318.1770 Sta 103+83.4564

Ending chain P21ST description

Chain P18TH contains:
70005 70006

Beginning chain P18TH description

Point 70005 N 2,034,633.3330 E 2,588,269.2260 Sta 53+33.6740

Course from 70005 to 70006 88° 42' 18.9578" Dist 1,312.1670'

Point 70006 N 2,034,662.9820 E 2,589,581.0580 Sta 66+45.8410

Ending chain P18TH description

Chain P17TH contains:
70240 70004

Beginning chain P17TH description

Point 70240 N 2,035,038.8827 E 2,588,931.0853 Sta 40+00.0000

Course from 70240 to 70004 88° 45' 38.1659" Dist 646.8040'

Point 70004 N 2,035,052.8730 E 2,589,577.7380 Sta 46+46.8040

Ending chain P17TH description

Chain P16THW contains:
70002 70220

Beginning chain P16THW description

Point 70002 N 2,035,413.2780 E 2,588,267.2380 Sta 23+46.5610

Course from 70002 to 70220 88° 50' 30.5413" Dist 653.4387'

Point 70220 N 2,035,426.4858 E 2,588,920.5432 Sta 29+99.9997

Ending chain P16THW description

Chain P16THE contains:
70230 70003

Beginning chain P16THE description

Point 70230 N 2,035,436.1775 E 2,588,920.3897 Sta 30+00.0000

Course from 70230 to 70003 88° 54' 34.5888" Dist 658.8356'

Point 70003 N 2,035,448.7150 E 2,589,579.1060 Sta 36+58.8356

Ending chain P16THE description

CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
IL251P	71210	71210	71211	71212	71213
IL251P	71220	71220	71221	71222	71223
IL251P	71230	71230	71231	71232	71233
IL251P	71240	71240	71241	71242	71243
IL251P	71250	71250	71251	71252	71253
IL251P	71260	71260	71261	71262	71263
PROPEOPLE	70330	70330	70331	70332	70333
PROPEOPLE	70340	70340	70341	70342	70343