

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
303	D3-00520-00-WR	WINNEBAGO	254	23
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

# HORIZONTAL & VERTICAL CONTROL

Beginning chain EROCK description

Point 60 N 2,031,037.9790 E 2,609,116.0440 Sta 600+00.00

Course from 60 to PC 61 N 1° 34' 30.20" W Dist 536.4325

Curve Data

Curve 61

P. I. Station 606+59.89 N 2,031,697.6190 E 2,609,097.9060  
 Delta = 46° 50' 33.97" (LT)  
 Degree = 20° 06' 13.62"  
 Tangent = 123.4568  
 Length = 233.0048  
 Radius = 285.0000  
 External = 25.5907  
 Long Chord = 226.5695  
 Mid. Ord. = 23.4822  
 P. C. Station 605+36.43 N 2,031,574.2088 E 2,609,101.2994  
 P. T. Station 607+69.44 N 2,031,779.5565 E 2,609,005.5597  
 C. C. N 2,031,566.3752 E 2,608,816.4071  
 Back = N 1° 34' 30.20" W  
 Ahead = N 48° 25' 04.17" W  
 Chord Bear = N 24° 59' 47.18" W

Course from PT 61 to 62 N 48° 25' 04.17" W Dist 60.5166

Point 62 N 2,031,819.7210 E 2,608,960.2930 Sta 608+29.95

Ending chain EROCK description

Beginning chain FOREST description

Point 55 N 2,030,725.2820 E 2,607,320.8620 Sta 500+00.00

Course from 55 to 56 N 1° 20' 36.01" W Dist 726.3856

Point 56 N 2,031,451.4680 E 2,607,303.8330 Sta 507+26.39

Course from 56 to 57 N 1° 00' 29.62" W Dist 308.2517

Point 57 N 2,031,759.6720 E 2,607,298.4090 Sta 510+34.64

Ending chain FOREST description

Beginning chain HARRISON description

Point 20 N 2,031,396.4190 E 2,604,650.9870 Sta 200+00.00

Course from 20 to 21 N 88° 25' 04.02" E Dist 1,082.0896

Point 21 N 2,031,426.2970 E 2,605,732.6640 Sta 210+82.09

Course from 21 to 22 N 89° 04' 55.75" E Dist 2,196.8619

Point 22 N 2,031,461.4880 E 2,607,929.2440 Sta 232+78.95

Course from 22 to 23 N 88° 27' 37.89" E Dist 4,720.1467

Point 23 N 2,031,588.2980 E 2,612,647.6870 Sta 279+99.10

Course from 23 to 24 N 88° 11' 18.66" E Dist 1,135.8987

Point 24 N 2,031,624.2050 E 2,613,783.0180 Sta 291+35.00

Ending chain HARRISON description

Beginning chain HOLMES description

Point 40 N 2,031,414.8150 E 2,605,316.9900 Sta 10+00.00

Course from 40 to PC 41 N 1° 34' 53.65" W Dist 47.4888

Curve Data

Curve 41

P. I. Station 11+00.58 N 2,031,515.3560 E 2,605,314.2140  
 Delta = 29° 43' 58.56" (RT)  
 Degree = 28° 38' 52.40"  
 Tangent = 53.0906  
 Length = 103.7875  
 Radius = 200.0000  
 External = 6.9266  
 Long Chord = 102.6269  
 Mid. Ord. = 6.6947  
 P. C. Station 10+47.49 N 2,031,462.2857 E 2,605,315.6793  
 P. T. Station 11+51.28 N 2,031,562.1662 E 2,605,339.2623  
 C. C. N 2,031,467.8057 E 2,605,515.6031  
 Back = N 1° 34' 53.65" W  
 Ahead = N 28° 09' 04.90" E  
 Chord Bear = N 13° 17' 05.62" E

Course from PT 41 to 42 N 28° 09' 04.90" E Dist 152.8685

Point 42 N 2,031,696.9510 E 2,605,411.3860 Sta 13+04.14

Ending chain HOLMES description