

# PROPOSED HORIZONTAL & VERTICAL CONTROL

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
734	(4MFT)R	WINNEBAGO	353	55
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

Chain IL251P contains:  
G7 G200 71200 CUR 71210 CUR 71220 CUR 71230 CUR 71240 CUR 71250 CUR 71260 G2

Beginning chain IL251P description  
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Point G7 N 2,029,165.7192 E 2,592,942.6618 Sta 300+61.3225

Course from G7 to G200 359° 07' 08.9894" Dist 1,935.4775'

Point G200 N 2,031,100.9679 E 2,592,912.9079 Sta 319+96.8000

Course from G200 to 71200 268° 44' 03.7098" Dist 3,971.3999'

Point 71200 N 2,031,013.2488 E 2,588,942.4768 Sta 359+68.1999

Course from 71200 to PC 71210 359° 36' 16.1150" Dist 1,971.8010'

Curve Data  
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Curve 71210  
P.I. Station 380+15.0619 N 2,033,060.0619 E 2,588,928.3471  
Delta = 3° 03' 15.8048" (RT)  
Degree = 2° 02' 06.3229"  
Tangent = 75.0609'  
Length = 150.0863'  
Radius = 2,815.3933'  
External = 1.0004'  
Long Chord = 150.0685'  
Mid. Ord. = 1.0001'  
P.C. Station 379+40.0009 N 2,032,985.0028 E 2,588,928.8652  
P.T. Station 380+90.0872 N 2,033,135.0420 E 2,588,931.8291  
C.C. N 2,033,004.4379 E 2,591,744.1915

Curve Data  
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Curve 71220  
P.I. Station 381+65.1481 N 2,033,210.0221 E 2,588,935.3111  
Delta = 3° 03' 15.8048" (LT)  
Degree = 2° 02' 06.3260"  
Tangent = 75.0609'  
Length = 150.0862'  
Radius = 2,815.3921'  
External = 1.0004'  
Long Chord = 150.0684'  
Mid. Ord. = 1.0001'  
P.C. Station 380+90.0872 N 2,033,135.0420 E 2,588,931.8291  
P.T. Station 382+40.1734 N 2,033,285.0812 E 2,588,934.7930  
C.C. N 2,033,265.6462 E 2,586,119.4679

Course from PT 71220 to PC 71230 359° 36' 16.1150" Dist 689.7886'

Curve Data  
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Curve 71230  
P.I. Station 390+05.0454 N 2,034,049.9349 E 2,588,929.5129  
Delta = 3° 49' 05.8952" (RT)  
Degree = 2° 32' 37.1480"  
Tangent = 75.0833'  
Length = 150.1111'  
Radius = 2,252.5005'  
External = 1.2510'  
Long Chord = 150.0833'  
Mid. Ord. = 1.2503'  
P.C. Station 389+29.9620 N 2,033,974.8534 E 2,588,930.0312  
P.T. Station 390+80.0731 N 2,034,124.8843 E 2,588,933.9957  
C.C. N 2,033,990.4027 E 2,591,182.4781

Curve Data  
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Curve 71240  
P.I. Station 391+55.1565 N 2,034,199.8338 E 2,588,938.4784  
Delta = 3° 49' 05.8952" (LT)  
Degree = 2° 32' 37.1461"  
Tangent = 75.0834'  
Length = 150.1111'  
Radius = 2,252.5010'  
External = 1.2510'  
Long Chord = 150.0834'  
Mid. Ord. = 1.2503'  
P.C. Station 390+80.0731 N 2,034,124.8843 E 2,588,933.9957  
P.T. Station 392+30.1843 N 2,034,274.9153 E 2,588,937.9601  
C.C. N 2,034,259.3660 E 2,586,685.5128

Course from PT 71240 to PC 71250 359° 36' 16.1150" Dist 565.9437'

Curve Data  
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Curve 71250  
P.I. Station 399+71.1637 N 2,035,015.8771 E 2,588,932.8450  
Delta = 1° 38' 12.8824" (LT)  
Degree = 0° 28' 03.4516"  
Tangent = 175.0357'  
Length = 350.0476'  
Radius = 12,252.4941'  
External = 1.2502'  
Long Chord = 350.0357'  
Mid. Ord. = 1.2501'  
P.C. Station 397+96.1280 N 2,034,840.8455 E 2,588,934.0533  
P.T. Station 401+46.1756 N 2,035,190.8027 E 2,588,926.6373  
C.C. N 2,034,756.2649 E 2,576,681.8511

Curve Data  
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Curve 71260  
P.I. Station 403+21.2111 N 2,035,365.7281 E 2,588,920.4296  
Delta = 1° 38' 12.8824" (RT)  
Degree = 0° 28' 03.4535"  
Tangent = 175.0355'  
Length = 350.0472'  
Radius = 12,252.4801'  
External = 1.2502'  
Long Chord = 350.0353'  
Mid. Ord. = 1.2501'  
P.C. Station 401+46.1756 N 2,035,190.8027 E 2,588,926.6373  
P.T. Station 404+96.2228 N 2,035,540.7595 E 2,588,919.2213  
C.C. N 2,035,625.3400 E 2,601,171.4095

Course from PT 71260 to G2 359° 36' 16.1150" Dist 1,384.8820'

Point G2 N 2,036,925.6085 E 2,588,909.6613 Sta 418+81.1049

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Ending chain IL251P description