

Chain PBIKES contains:  
 BIKE1 CUR PBIKES-1 CUR PBIKES-2 CUR PBIKES-3

Beginning chain PBIKES description  
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Point BIKE1 N 2,035,079.16 E 2,583,939.83 Sta 5+00.00  
 Course from BIKE1 to PC PBIKES-1 N 29° 47' 16.21" E Dist 53.22

Curve Data  
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Curve PBIKES-1 (Chord Definition)  
 P.I. Station 5+70.09 N 2,035,139.99 E 2,583,974.65  
 Delta = 18° 15' 27.54" (RT)  
 Degree = 56° 52' 25.61"  
 Tangent = 16.87  
 Length = 32.10  
 Radius = 105.00  
 External = 1.35  
 Long Chord = 33.32  
 Mid. Ord. = 1.33  
 P.C. Station 5+53.22 N 2,035,125.35 E 2,583,966.27  
 P.T. Station 5+85.32 N 2,035,151.27 E 2,583,987.20  
 C.C. N 2,035,073.19 E 2,584,057.39

Course from PT PBIKES-1 to PC PBIKES-2 N 48° 02' 43.75" E Dist 70.43

Curve Data  
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Curve PBIKES-2 (Chord Definition)  
 P.I. Station 7+00.65 N 2,035,228.37 E 2,584,072.96  
 Delta = 46° 18' 14.65" (LT)  
 Degree = 6° 52' 25.61"  
 Tangent = 44.90  
 Length = 81.42  
 Radius = 105.00  
 External = 9.20  
 Long Chord = 82.57  
 Mid. Ord. = 8.46  
 P.C. Station 6+55.75 N 2,035,198.36 E 2,584,039.57  
 P.T. Station 7+37.17 N 2,035,273.25 E 2,584,074.33  
 C.C. N 2,035,276.44 E 2,583,969.37

Course from PT PBIKES-2 to PC PBIKES-3 N 1° 44' 29.10" E Dist 187.07

Curve Data  
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Curve PBIKES-3 (Chord Definition)  
 P.I. Station 9+35.00 N 2,035,471.00 E 2,584,080.34  
 Delta = 11° 42' 28.52" (RT)  
 Degree = 56° 52' 25.61"  
 Tangent = 10.77  
 Length = 20.59  
 Radius = 105.00  
 External = 0.55  
 Long Chord = 21.42  
 Mid. Ord. = 0.55  
 P.C. Station 9+24.23 N 2,035,460.24 E 2,584,080.01  
 P.T. Station 9+44.82 N 2,035,481.47 E 2,584,082.84  
 C.C. N 2,035,457.04 E 2,584,184.96

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 Ending chain PBIKES description

FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>HORIZONTAL AND VERTICAL CONTROL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*FILEL*		DRAWN -	REVISED -					742	(32, 33) R-1	WINNEBAGO	705	98
	PLOT SCALE = *SCALE*	CHECKED -	REVISED -		CONTRACT NO. 64821			ILLINOIS FED. AID PROJECT				
	PLOT DATE = *DATE*	DATE -	REVISED -		SCALE: NTS	SHEET NO. 12	OF 19 SHEETS	STA.	TO STA.			