



Chain IL21CL contains:  
 CUR IL21R4 CUR IL21R5 CUR IL21R6 CUR IL21R7 CUR IL21R8 CUR IL21R9  
 IL21R9 CUR IL21R10 21

Beginning chain IL21CL description  
 =====  
 Course from PT IL21R3 to PC IL21R4 S 26° 28' 29.52" W Dist 5,067.6742'

Curve Data  
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**Curve IL21R4**  
 P.I. Station 177+52.62 N 2,063,171.1506 E 1,086,750.7415  
 Delta = 1° 11' 48.52" (LT)  
 Degree = 0° 15' 00.00"  
 Tangent = 239.3708'  
 Length = 478.7242'  
 Radius = 22,918.3120'  
 External = 1.2500'  
 Long Chord = 478.7155'  
 Mid. Ord. = 1.2500'  
 P.C. Station 175+13.25 N 2,063,385.4186 E 1,086,857.4542  
 P.T. Station 179+91.97 N 2,062,954.7005 E 1,086,648.5274  
 C.C. N 2,053,168.3163 E 1,107,372.3231

Course from PT IL21R4 to PC IL21R5 S 25° 16' 41.00" W Dist 0.0061'

Curve Data  
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**Curve IL21R5**  
 P.I. Station 182+31.36 N 2,062,738.2370 E 1,086,546.3070  
 Delta = 1° 11' 48.67" (RT)  
 Degree = 0° 15' 00.00"  
 Tangent = 239.3794'  
 Length = 478.7414'  
 Radius = 22,918.3120'  
 External = 1.2501'  
 Long Chord = 478.7327'  
 Mid. Ord. = 1.2500'  
 P.C. Station 179+91.98 N 2,062,954.6949 E 1,086,648.5248  
 P.T. Station 184+70.72 N 2,062,523.9614 E 1,086,439.5903  
 C.C. N 2,072,741.0791 E 1,065,924.7291

Course from PT IL21R5 to PC IL21R6 S 26° 28' 29.67" W Dist 415.0058'

Curve Data  
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**Curve IL21R6**  
 P.I. Station 191+25.10 N 2,061,938.2088 E 1,086,147.8650  
 Delta = 1° 11' 48.53" (RT)  
 Degree = 0° 15' 00.00"  
 Tangent = 239.3715'  
 Length = 478.7256'  
 Radius = 22,918.3120'  
 External = 1.2500'  
 Long Chord = 478.7169'  
 Mid. Ord. = 1.2500'  
 P.C. Station 188+85.73 N 2,062,152.4773 E 1,086,254.5782  
 P.T. Station 193+64.45 N 2,061,726.2159 E 1,086,036.6997  
 C.C. N 2,072,369.5951 E 1,065,739.7170

Course from PT IL21R6 to PC IL21R7 S 27° 40' 18.21" W Dist 0.0011'

Curve Data  
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**Curve IL21R7**  
 P.I. Station 196+03.84 N 2,061,514.2113 E 1,085,925.5282  
 Delta = 1° 11' 48.75" (LT)  
 Degree = 0° 15' 00.00"  
 Tangent = 239.3836'  
 Length = 478.7498'  
 Radius = 22,918.3120'  
 External = 1.2502'  
 Long Chord = 478.7411'  
 Mid. Ord. = 1.2501'  
 P.C. Station 193+64.45 N 2,061,726.2149 E 1,086,036.6991  
 P.T. Station 198+43.20 N 2,061,299.9318 E 1,085,818.8098  
 C.C. N 2,051,082.8357 E 1,106,333.6818

Course from PT IL21R7 to PC IL21R8 S 26° 28' 29.45" W Dist 1,237.4351'

Curve Data  
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**Curve IL21R8**  
 P.I. Station 216+96.22 N 2,059,641.2430 E 1,084,992.7270  
 Delta = 12° 15' 52.33" (LT)  
 Degree = 1° 00' 00.00"  
 Tangent = 615.5791'  
 Length = 1,226.4536'  
 Radius = 5,729.5780'  
 External = 32.9737'  
 Long Chord = 1,224.1134'  
 Mid. Ord. = 32.7850'  
 P.C. Station 210+80.64 N 2,060,192.2664 E 1,085,267.1552  
 P.T. Station 223+07.09 N 2,059,044.4999 E 1,084,841.6135  
 C.C. N 2,057,637.9924 E 1,090,395.8732

Course from PT IL21R8 to PC IL21R9 S 14° 12' 37.12" W Dist 2,059.6043'

FILE NAME = sht-align-001.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ALIGNMENT TIES AND BENCHMARKS</b>				F.A.P. RTE. 330	SECTION 128-I-3	COUNTY LAKE	TOTAL SHEETS 128	SHEET NO. 13
					SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO. 60P33				
					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT								