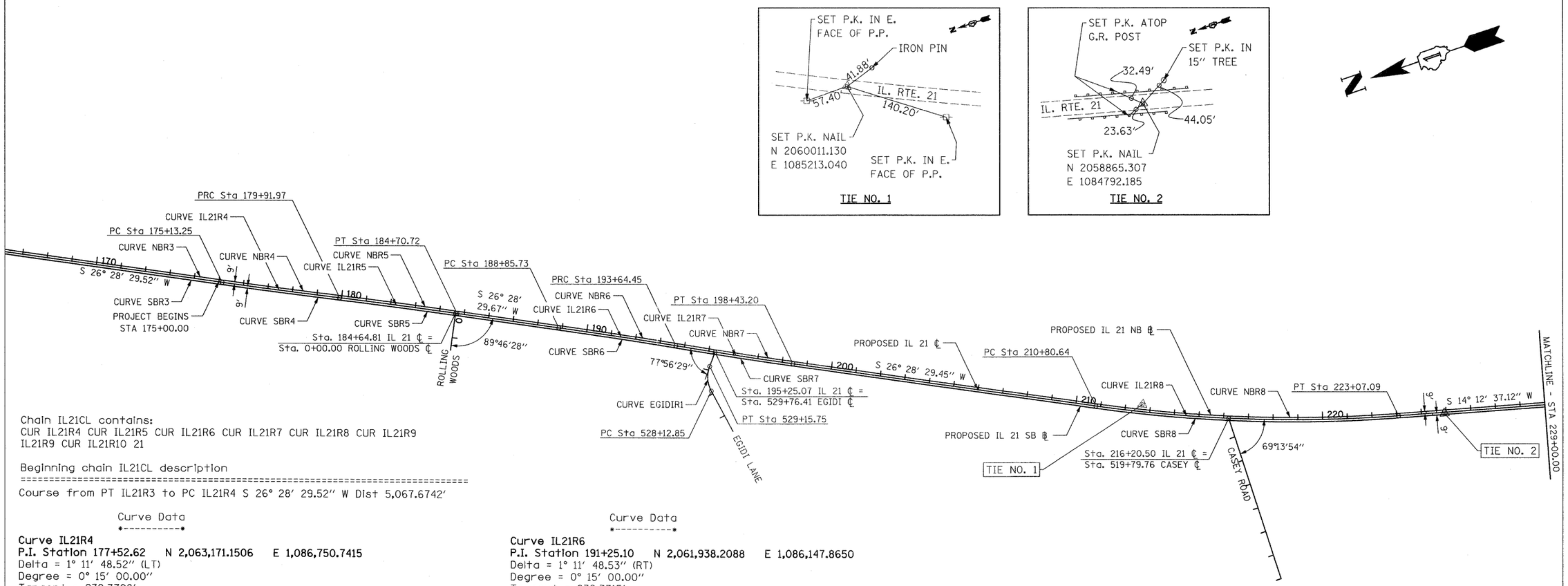

Chain IL21CL contains:
CUR IL21R4 CUR IL21R5 CUR IL21R6 CUR IL21R7 CUR IL21R8 CUR IL21R9
IL21R9 CUR IL21R10 21

Beginning chain IL21CL description

Course from PT IL21R3 to PC IL21R4 S 26° 28′ 29.52″ W Dist 5,067.6742′

Curve Data

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

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

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

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

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 = I:\102901\CADD Sheets\sht-align-001.dgn	USER NAME = IDOT	DESIGNED - EJM	REVISED -
		DRAWN - BK	REVISED -
	PLOT SCALE = 200.0000 ′ / IN.	CHECKED - GFL	REVISED -
	PLOT DATE = 7/8/2011	DATE - 12/17/10	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT TIES AND BENCHMARKS

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	34
		CONTRACT NO. 60953		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		