HORIZONTAL & VERTICAL CONTROL

Chain 73 contains:
21 CUR 200 1005

Beginning chain 73 description
==========

Point 21 N 1,999,272.8610 E 2,389,522.1510 Sta 222+36.5521

Course from 21 to PC 200 358° 35′ 03.4211″ Dist 7,907.8400′

Curve Data

Curve 200
P.I. Station 306+45.9828 N 2,007,679.7247 E 2,389,314.3843
Delta = 0° 27′ 10.9780″ (RT)
Degree = 0° 02′ 42.5814″
Tangent = 501.5907′
Length = 1,003.1762′
Radius = 126,868.6264′
External = 0.9915′
Long Chord = 1,003.1736′
Mid. Ord. = 0.9915′
P.C. Station 301+44.3921 N 2,007,178.2871 E 2,389,326.7768
P.T. Station 311+47.5682 N 2,008,181.2446 E 2,389,305.9571
C.C. N 2,010,312.7538 E 2,516,156.6765

Course from PT 200 to 1005 359° 02′ 14.3991″ Dist 13,562.4132′

Point 1005 N 2,021,741.7435 E 2,389,078.0961 Sta 447+09.9814

==========
Ending chain 73 description

Chain P&Q_RD contains:
30 CUR 210 CUR 220 CUR 230 240

Beginning chain P&Q_RD description
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Point 30 N 2,009,588.3710 E 2,388,197.5380 Sta 9+15.2823

Course from 30 to PC 210 89° 33′ 11.9930″ Dist 303.7697′

Curve Data

Curve 210
P.I. Station 13+13.4038 N 2,009,591.4747 E 2,388,595.6474
Delta = 0° 42′ 57.3251″ (LT)
Degree = 0° 22′ 45.8239″
Tangent = 94.3518′
Length = 188.7011′
Radius = 15,101.8595′
External = 0.2947′
Long Chord = 188.6999′
Mid. Ord. = 0.2947′
P.C. Station 12+19.0520 N 2,009,590.7391 E 2,388,501.2985
P.T. Station 14+07.7531 N 2,009,593.3890 E 2,388,689.9798
C.C. N 2,024,692.1397 E 2,388,383.5681

Course from PT 210 to PC 220 88° 50′ 14.6679″ Dist 129.8566′

Curve Data

Curve 220
P.I. Station 16+55.8339 N 2,009,598.4225 E 2,388,938.0095
Delta = 1° 49′ 42.3714″ (LT)
Degree = 0° 46′ 24.0892″
Tangent = 118.2241′
Length = 236.4282′
Radius = 7,408.6997′
External = 0.9432′
Long Chord = 236.4181′
Mid. Ord. = 0.9431′
P.C. Station 15+37.6098 N 2,009,596.0238 E 2,388,819.8097
P.T. Station 17+74.0379 N 2,009,604.5914 E 2,389,056.0726
C.C. N 2,017,003.1983 E 2,388,669.4896

Curve Data

Curve 230
P.I. Station 18+11.8323 N 2,009,606.5635 E 2,389,093.8154
Delta = 1° 31′ 44.1913″ (RT)
Degree = 2° 01′ 22.1931″
Tangent = 37.7944′
Length = 75.5843′
Radius = 2,832.4545′
External = 0.2521′
Long Chord = 75.5820′
Mid. Ord. = 0.2521′
P.C. Station 17+74.0379 N 2,009,604.5914 E 2,389,056.0726
P.T. Station 18+49.6222 N 2,009,607.5278 E 2,389,131.5975
C.C. N 2,006,775.9955 E 2,389,203.8689

Course from PT 230 to 240 88° 32′ 16.4878″ Dist 150.3778′

Point 240 N 2,009,611.3648 E 2,389,281.9264 Sta 20+00.0000

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Ending chain P&Q_RD description

APPARENT PROPERTY CORNERS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
702	2004229.8704	2386749.9496	835.3716	73	272+60.5395	2648.8853′ LT	SECTION CORNER, PIN
703	2009566.2529	2383964.1909	866.1856	73	326+22.1276	5317.7428′ LT	SECTION CORNER, PIN
700	2004327.8399	2394701.3440	928.1711	73	271+62.0288	5302.5024′ RT	PROPERTY CORNER
701	2004277.7034	2389393.3760	882.0622	73	272+43.0483	5.0841′ LT	PROPERTY CORNER
702	2004229.8704	2386749.9496	835.3716	73	272+60.5395	2648.8853′ LT	PROPERTY CORNER
703	2009566.2529	2383964.1909	866.1856	73	326+22.1276	5317.7428′ LT	PROPERTY CORNER
704	2009642.7694	2391909.5924	831.8167	73	325+65.1433	2627.8228′ RT	PROPERTY CORNER
705	2009620.6941	2394678.9486	938.0739	73	324+96.5434	5396.4172′ RT	R.O.W. CORNER
706	2014905.0862	2394514.9303	938.3865	73	377+82.9453	5321.2047′ RT	PROPERTY CORNER
707	2014817.7280	2389154.7355	911.3484	73	377+85.6556	39.7012′ LT	PROPERTY CORNER
708	2014834.6237	2383910.7497	857.4501	73	378+90.6527	5282.663′ LT	PROPERTY CORNER
710	2012310.2563	2389206.3180	803.8525	73	352+77.6712	30.2538′ LT	PROPERTY CORNER
711	2006948.2588	2389316.5089	926.1689	73	299+14.6877	15.9479′ LT	PROPERTY CORNER, NAIL
712	2004354.5829	2397336.5684	929.6262	73	271+23.6567	7937.5831′ RT	PROPERTY CORNER, PIN
713	2004370.4992	2399978.6808	942.8918	73	270+74.2911	10579.2822′ RT	PROPERTY CORNER, PIN
715	2009718.8462	2399855.6229	958.7313	73	325+07.7088	10574.0099′ RT	PROPERTY CORNER, PIN
716	2009684.3449	2397207.0467	967.7885	73	325+17.7108	7925.2279′ RT	PROPERTY CORNER, PIN
717	2009650.2236	2394558.2640	935.3539	73	325+28.0963	5276.2458′ RT	PROPERTY CORNER, PIN
718	2014818.8002	2389221.0618	911.0664	73	377+85.6133	26.6337′ RT	PROPERTY CORNER, PIN
719	2014831.9900	2383861.6700	858.7300	73	378+88.8439	5331.78′ LT	PROPERTY CORNER, PIPE
807	2017507.4180	2394458.2996	966.9569	73	403+85.8612	5308.3036′ RT	QUARTER CORNER, NAIL
817	2004290.2493	2390713.9010	904.0033	73	272+22.9650	1315.3478′ RT	1/16TH CORNER, REBAR
818	2004302.0303	2392047.1000	918.6053	73	272+01.8039	2648.4309′ RT	QUARTER CORNER, REBAR

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	2008040.9340	2389357.3659	933.2681	73	310+06.3592	48.9657′ RT	TRAVERSE STATION, PIN
101	2008181.7368	2389379.5319	920.3597	73	311+46.8238	73.5727′ RT	TRAVERSE STATION, PIN
102	2008305.0765	2389285.7626	936.4107	73	312+71.7220	18.1111′ LT	TRAVERSE STATION, PIN
103	2008534.2813	2389257.4899	940.1360	73	315+01.3694	42.529′ LT	TRAVERSE STATION, PIN
104	2008813.0052	2389247.6380	925.1390	73	317+80.2195	47.6967′ LT	TRAVERSE STATION, PIN
105	2009192.2625	2389240.8601	915.9378	73	321+59.5371	48.1018′ LT	TRAVERSE STATION, PIN
106	2009603.2568	2389301.5542	887.9256	73	325+69.4537	19.4889′ RT	TRAVERSE STATION, PIN
107	2009557.6511	2388878.6689	907.8660	73	325+30.9593	404.103′ LT	TRAVERSE STATION, PIN
108	2010402.7056	2389248.2423	877.1792	73	333+69.6854	20.384′ LT	TRAVERSE STATION, PIN
109	2009625.2968	2389196.5181	886.9300	73	325+93.2553	85.1621′ LT	TRAVERSE STATION, NAIL
125	2009604.4363	2388540.6911	897.4100	73	325+83.4162	741.247′ LT	TRAVERSE STATION, PIN
126	2009637.6262	2388607.9080	889.8100	73	326+15.4721	673.482′ LT	TRAVERSE STATION, PIN

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE: VERT. HORIZ.
DATE
DRAWN BY
CHECKED BY

PLOT DATE = Fri Mar 16 11:03:50 2007
FILE NAME = c:\projects\p210386\d10386vc.dgn
PLOT SCALE = 50.0000 ' / IN.
USER NAME = goff_jl