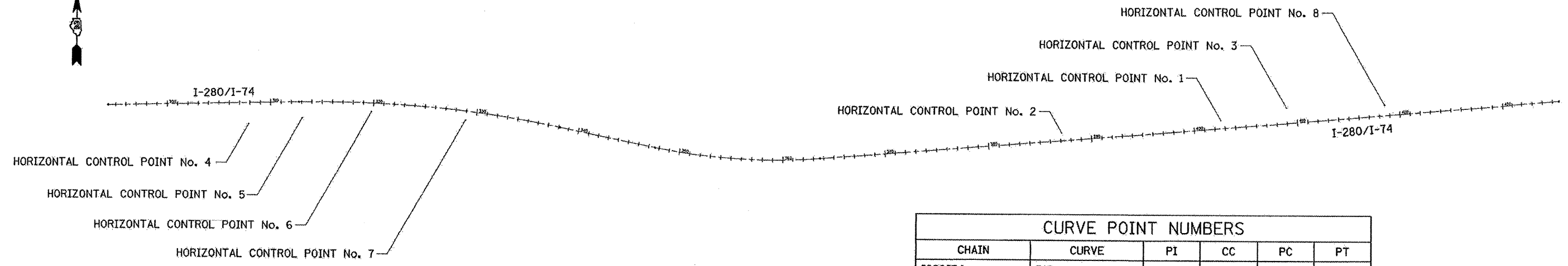


HORIZONTAL AND VERTICAL CONTROL



CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
I280I74	310	310	311	312	313
I280I74	320	320	321	322	323

Chain I280I74 contains:
303 CUR 310 CUR 320 332

Beginning chain I280I74 description

Point 303 N 1,743,755.3585 E 2,211,908.4533 Sta 294+29.8410

Course from 303 to PC 310 88° 47' 23.5360" Dist 1,844.8250'

Curve Data

Curve 310
 P.I. Station 325+48.7344 N 1,743,821.2270 E 2,215,026.6511
 Delta = 12° 40' 58.4552" (RT)
 Degree = 0° 29' 59.1895"
 Tangent = 1,274.0684'
 Length = 2,537.7236'
 Radius = 11,464.3182'
 External = 70.5785'
 Long Chord = 2,532.5456'
 Mid. Ord. = 70.1467'
 P.C. Station 312+74.6660 N 1,743,794.3197 E 2,213,752.8669
 P.T. Station 338+12.3895 N 1,743,567.8118 E 2,216,275.2628
 C.C. N 1,732,332.5585 E 2,213,994.9837

Course from PT 310 to PC 320 101° 28' 21.9912" Dist 949.3125'

Curve Data

Curve 320
 P.I. Station 355+68.8228 N 1,743,218.4532 E 2,217,996.6013
 Delta = 16° 04' 35.4829" (LT)
 Degree = 1° 00' 09.0144"
 Tangent = 807.1207'
 Length = 1,603.6368'
 Radius = 5,715.2670'
 External = 56.7102'
 Long Chord = 1,598.3814'
 Mid. Ord. = 56.1530'
 P.C. Station 347+61.7021 N 1,743,378.9914 E 2,217,205.6074
 P.T. Station 363+65.3389 N 1,743,283.2361 E 2,218,801.1180
 C.C. N 1,748,980.0635 E 2,218,342.3871

Course from PT 320 to 332 85° 23' 46.5084" Dist 7,198.7266'

Point 332 N 1,743,861.0356 E 2,225,976.6188 Sta 435+64.0655

Ending chain I280I74 description

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1743673.4893	2222679.1644	579.9044	I280I74	402+62.1966	77.7261' LT	TOPO SURVEY POINT, PIN
2	1743545.8808	2221135.8936	576.8636	I280I74	387+13.6626	74.3986' LT	TOPO SURVEY POINT, PIN
3	1743797.0768	2223311.9200	577.9667	I280I74	409+02.8303	150.1273' LT	TOPO SURVEY POINT, DISK
4	1743583.9949	2213269.0222	570.6100	I280I74	307+86.4874	200.0595' RT	TOPO SURVEY POINT, DISK
5	1743641.6162	2213783.5238	569.8068	I280I74	313+02.4628	153.2837' RT	TOPO SURVEY POINT, DISK
6	1743705.6763	2214457.6842	569.7850	I280I74	319+82.9546	81.7921' RT	TOPO SURVEY POINT, PIN
7	1743628.0080	2215362.4970	570.1596	I280I74	328+98.0364	86.389' RT	TOPO SURVEY POINT, NAIL
8	1743824.6840	2224266.4826	574.4410	I280I74	418+56.5290	101.0283' LT	TOPO SURVEY POINT, DISK

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	I280I74	402+56.3728	54.8312' LT	PAVEMENT STATION NUMBER
501	I280I74	402+10.3194	140.6352' LT	HEADWALL, CORNER
502	I280I74	403+10.5532	148.1085' LT	TREE EVERGREEN
503	I280I74	409+71.3550	186.6511' LT	TREE DECIDUOUS
504	I280I74	409+21.5076	143.1441' LT	SHOULDER, CORNER
505	I280I74	409+45.6031	132.4781' LT	PAVEMENT STATION NUMBER
506	I280I74	313+21.2180	133.236' RT	PAVEMENT STATION NUMBER
507	I280I74	312+87.6066	144.3139' RT	SHOULDER, CORNER
508	I280I74	313+51.5133	169.4951' RT	PIPE CULVERT, RCP
509	I280I74	320+50.0148	54.9514' RT	PAVEMENT STATION NUMBER
510	I280I74	319+70.4919	133.4328' RT	HEADWALL, CORNER
511	I280I74	319+51.7167	133.505' RT	HEADWALL, CORNER
512	I280I74	328+05.3007	54.5511' RT	PAVEMENT STATION NUMBER
513	I280I74	328+22.4422	121.8867' RT	TREE DECIDUOUS
514	I280I74	329+01.2914	118.0779' RT	TREE DECIDUOUS