

HORIZONTAL & VERTICAL CONTROL

Curve Data

Curve 320

P.I. Station 1509+02.6586 N 1,946,206.3634 E 2,569,399.9247
 Delta = 3° 57' 24.2290" (RT)
 Degree = 0° 35' 08.4085"
 Tangent = 337.9301'
 Length = 675.5915'
 Radius = 9,782.9622'
 External = 5.8348'
 Long Chord = 675.4573'
 Mid. Ord. = 5.8313'
 P.C. Station 1505+64.7285 N 1,946,174.4906 E 2,569,063.5010
 P.T. Station 1512+40.3201 N 1,946,214.9458 E 2,569,737.7457
 C.C. N 1,936,435.1392 E 2,569,986.2056

Course from PT 320 to PC 330 N 88° 32' 40.8872" E Dist 26,807.7009'

Curve Data

Curve 330

P.I. Station 1785+89.8270 N 1,946,909.5469 E 2,597,078.4308
 Delta = 1° 11' 33.0079" (RT)
 Degree = 0° 06' 36.1900"
 Tangent = 541.8060'
 Length = 1,083.5729'
 Radius = 52,062.0889'
 External = 2.8192'
 Long Chord = 1,083.5534'
 Mid. Ord. = 2.8190'
 P.C. Station 1780+48.0210 N 1,946,895.7865 E 2,596,536.7995
 P.T. Station 1791+31.5939 N 1,946,912.0320 E 2,597,620.2311
 C.C. N 1,894,850.4908 E 2,597,859.0310

Course from PT 330 to 182 N 89° 44' 13.8951" E Dist 274.0687'

Point 182 N 1,946,913.2891 E 2,597,894.2969 Sta 1794+05.6625

Ending chain IL64 description

SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1947882.2710	2530819.5470	729.4108	IL64	1115+30.35	234.2608' RT	TOPO SURVEY POINT, NAIL
101	1948095.5440	2530827.2000	733.3915	IL64	1114+43.22	39.4488' RT	TOPO SURVEY POINT, TOPO SURVEY POINT
102	1948820.7989	2529323.1754	765.4580	IL64	1097+74.01	28.9766' LT	GPS CONTROL POINT, PIN
103	1947563.1600	2530722.9060	723.7462	IL64	1115+84.26	563.298' RT	TOPO SURVEY POINT, NAIL
104	1947636.4860	2530807.6600	724.9275	IL64	1116+28.01	460.1224' RT	TOPO SURVEY POINT, TOPO SURVEY POINT
105	1947495.2560	2530812.4740	724.5878	IL64	1116+94.58	584.7719' RT	TOPO SURVEY POINT, TOPO SURVEY POINT
106	1948005.1678	2531059.1587	746.3933	IL64	1116+91.26	18.3336' RT	TOPO SURVEY POINT, TOPO SURVEY POINT
107	1947814.4829	2531922.0418	756.2919	IL64	1125+82.08	64.2461' LT	TOPO SURVEY POINT, TOPO SURVEY POINT
108	1947815.3586	2532426.2446	752.6113	IL64	1130+99.01	97.4669' LT	TOPO SURVEY POINT, TOPO SURVEY POINT
109	1947610.7700	2532184.5548	763.0422	IL64	1128+62.31	111.0518' RT	TOPO SURVEY POINT, TOPO SURVEY POINT
110	1948164.9040	2530963.7750	754.7620	IL64	1115+35.24	83.0076' LT	TOPO SURVEY POINT, NAIL
111	1948179.6430	2530925.4470	754.4810	IL64	1114+94.34	79.3441' LT	TOPO SURVEY POINT, NAIL
112	1948214.4571	2530872.1693	744.8540	IL64	1114+31.17	87.1112' LT	TOPO SURVEY POINT, NAIL
113	1948277.6001	2530595.5681	743.6809	IL64	1111+55.05	21.874' LT	TOPO SURVEY POINT, NAIL
114	1948304.8048	2530538.5141	744.2281	IL64	1110+91.85	21.1463' LT	TOPO SURVEY POINT, NAIL
115	1948337.3249	2530470.3234	745.3309	IL64	1110+16.31	20.2811' LT	TOPO SURVEY POINT, NAIL
116	1948188.3336	2530832.1577	734.2114	IL64	1114+06.77	46.0265' LT	TOPO SURVEY POINT, NAIL
117	1948235.8220	2530825.3943	738.4768	IL64	1113+79.77	85.6721' LT	TOPO SURVEY POINT, NAIL
118	1948872.9599	2528928.2954	757.0084	IL64	1093+78.89	20.7547' LT	GPS CONTROL POINT, PIN
119	1948696.7896	2529578.4515	767.5446	IL64	1100+52.88	22.7436' RT	GPS CONTROL POINT, PIN
120	1948274.9479	2530834.0237	739.3264	IL64	1113+70.27	124.5959' LT	TOPO SURVEY POINT, NAIL
121	1948220.8936	2530710.1842	743.6981	IL64	1112+82.93	21.4916' LT	TOPO SURVEY POINT, NAIL
122	1948308.7603	2530876.8747	739.7070	IL64	1113+93.83	173.8339' LT	TOPO SURVEY POINT, NAIL
123	1948318.2074	2530921.1738	740.7862	IL64	1114+29.43	201.8393' LT	TOPO SURVEY POINT, NAIL
124	1948454.8750	2530926.1622	744.3565	IL64	1113+73.67	326.714' LT	TOPO SURVEY POINT, NAIL
125	1948525.3927	2530878.7992	748.6729	IL64	1113+00.07	369.1364' LT	TOPO SURVEY POINT, NAIL
126	1948724.7412	2530937.3502	753.0583	IL64	1112+64.76	573.8834' LT	TOPO SURVEY POINT, NAIL

HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
6	1948912.5394	2528198.9908	747.0844	IL64	1086+50.30	42.2846' LT	PERM. SURVEY MARKER, DISK
10	1948614.4814	2529805.0302	764.8792	IL64	1102+95.80	19.9723' RT	GPS CONTROL POINT, PIN
11	1948404.1466	2530245.0907	751.5467	IL64	1107+84.68	19.0126' RT	GPS CONTROL POINT, PIN
12	1948223.6033	2530614.5253	743.8103	IL64	1111+95.87	18.2391' RT	GPS CONTROL POINT, PIN
13	1948106.2990	2530854.4995	743.9482	IL64	1114+62.98	17.7622' RT	GPS CONTROL POINT, PIN
14	1947953.3253	2531268.9228	749.7884	IL64	1119+03.93	21.6449' LT	GPS CONTROL POINT, PIN
15	1947730.6697	2531229.9113	747.1234	IL64	1119+49.67	199.4342' RT	GPS CONTROL POINT, PIN
16	1947752.2179	2531633.4055	757.7762	IL64	1123+11.19	54.6644' RT	GPS CONTROL POINT, PIN
17	1947719.3477	2532003.3311	758.2203	IL64	1126+76.40	18.857' RT	GPS CONTROL POINT, PIN
18	1947701.0593	2532516.0012	755.4850	IL64	1131+87.44	17.8668' RT	GPS CONTROL POINT, PIN