

Chain ILRT2 contains:

# HORIZONTAL & VERTICAL CONTROL

Beginning chain ILRT2 description

Point 1011 N 1,872,604.4996 E 2,434,591.7699 Sta 123+84.00

Course from 1011 to PC 200 N 43° 33' 14.06" E Dist 670.8918'

Curve Data

Curve 200  
 P.I. Station 135+81.23 N 1,873,472.1635 E 2,435,416.7050  
 Delta = 1° 34' 53.67" (RT)  
 Degree = 0° 09' 00.91"  
 Tangent = 526.3377'  
 Length = 1,052.6086'  
 Radius = 38,132.9054'  
 External = 3.6323'  
 Long Chord = 1,052.5752'  
 Mid. Ord. = 3.6319'  
 P.C. Station 130+54.89 N 1,873,090.7126 E 2,435,054.0390  
 P.T. Station 141+07.50 N 1,873,843.4594 E 2,435,789.7610  
 C.C. N 1,846,815.7410 E 2,462,689.9637

Course from PT 200 to 1004 N 45° 08' 07.72" E Dist 4,343.8173'

Point 1004 N 1,876,907.7306 E 2,438,868.5578 Sta 184+51.32

Ending chain ILRT2 description

## REFERENCE TIES

POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	ILRT2	129+30.52	56.1381' LT	MANHOLE LID, CENTER
501	ILRT2	128+53.02	73.7559' LT	POWER POLE, SHINER
502	ILRT2	128+73.44	40.1816' RT	POWER POLE, SHINER
503	ILRT2	133+24.07	46.5863' RT	MANHOLE LID, CENTER
504	ILRT2	133+45.59	76.0213' RT	TELEPHONE SPLICE BOX, SHINER
505	ILRT2	133+46.60	55.0087' RT	HANDHOLE, CENTER
506	ILRT2	134+49.73	87.0982' LT	HANDHOLE, CENTER
507	ILRT2	134+51.99	56.0225' LT	MANHOLE LID, CENTER
508	ILRT2	134+97.13	79.3259' LT	R.O.W. MARKER, BACK
509	ILRT2	141+05.94	74.136' RT	LIGHT POLE
510	ILRT2	140+08.10	9.1377' LT	MANHOLE LID, CENTER
511	ILRT2	140+07.59	53.5647' LT	MANHOLE LID, CENTER
512	ILRT2	157+87.82	84.8198' LT	TELEPHONE SPLICE BOX, SHINER
513	ILRT2	158+30.10	100.7665' LT	7" TREE DECIDUOUS, TREE DECIDUOUS
514	ILRT2	158+91.67	100.2506' LT	7" TREE DECIDUOUS, TREE DECIDUOUS
515	ILRT2	158+20.07	43.0287' RT	STREET - SIGN, SHINER
516	ILRT2	158+90.41	93.9975' RT	POWER POLE, SHINER
517	ILRT2	157+12.52	93.4818' RT	POWER POLE WITH TRANSFORMER, SHINER
518	ILRT2	165+98.08	51.8143' RT	HANDHOLE, CENTER
519	ILRT2	165+83.85	94.4678' RT	HANDHOLE, CENTER
520	ILRT2	166+02.68	93.3022' RT	POWER POLE, SHINER
521	ILRT2	167+46.09	79.8905' LT	PIPE CULVERT, TOP
522	ILRT2	167+18.52	80.3158' LT	MANHOLE LID, CENTER
523	ILRT2	167+20.74	104.8927' LT	MANHOLE LID, CENTER
524	ILRT2	175+35.85	66.6348' LT	STREET - SIGN, SHINER
525	ILRT2	175+06.71	46.4977' LT	PAVEMENT STATION NUMBER
526	ILRT2	174+25.58	17.7434' LT	HANDHOLE, CENTER
527	ILRT2	175+83.90	94.3951' RT	TELEPHONE SPLICE BOX, CORNER
528	ILRT2	175+05.04	93.4864' RT	POWER POLE
529	ILRT2	174+68.02	47.2476' RT	HANDHOLE, CENTER

## HORIZONTAL CONTROL POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1	1872991.1675	2434948.2133	692.0809	ILRT2	129+09.83	8.1044' LT	GPS CONTROL POINT, PIN
2	1873260.5429	2435287.5093	696.3821	ILRT2	133+39.23	51.1242' RT	GPS CONTROL POINT, PIN
3	1873438.8543	2435286.6944	697.2415	ILRT2	134+66.72	73.499' LT	GPS CONTROL POINT, PIN
4	1873838.6194	2435775.7135	699.7299	ILRT2	140+94.13	6.4814' LT	GPS CONTROL POINT, PIN
5	1875116.8574	2436986.7957	708.9210	ILRT2	158+54.23	58.1274' LT	GPS CONTROL POINT, PIN
6	1875046.7960	2437054.7712	708.6477	ILRT2	158+52.99	39.4827' RT	GPS CONTROL POINT, PIN
7	1875751.9132	2437589.3461	716.1560	ILRT2	167+29.29	83.1814' LT	GPS CONTROL POINT, PIN
8	1875535.6167	2437553.8810	714.9644	ILRT2	165+51.57	45.1063' RT	GPS CONTROL POINT, PIN
9	1876283.2993	2438157.5461	720.0735	ILRT2	175+06.88	58.9886' LT	GPS CONTROL POINT, PIN
10	1876214.1974	2438228.4788	720.1064	ILRT2	175+08.41	40.0275' RT	GPS CONTROL POINT, PIN

## SURVEY WORK POINTS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1872999.5190	2434878.0085	691.0691	ILRT2	128+67.51	64.7382' LT	TOPO SURVEY POINT, PIN
101	1873185.2841	2435055.0651	693.7512	ILRT2	131+24.02	64.4823' LT	TOPO SURVEY POINT, PIN
102	1873290.9958	2435155.6053	696.2857	ILRT2	132+69.66	65.0005' LT	TOPO SURVEY POINT, PIN
103	1873378.8563	2435154.7125	697.6024	ILRT2	133+32.17	126.5922' LT	TOPO SURVEY POINT, PIN

## BENCH MARKS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
401	1872907.0389	2434771.8028	689.4319	ILRT2	127+27.31	77.9861' LT	CHISELED SQUARE, HEADWALL
403	1873435.8392	2435257.8347	696.7449	ILRT2	134+44.51	92.1039' LT	CHISELED SQUARE, TRAFFIC SIGNAL FOUNDATION
404	1874083.4748	2436105.9669	697.0117	ILRT2	145+00.94	52.9447' RT	CHISELED SQUARE, HEADWALL
405	1874993.7235	2436844.7749	706.4561	ILRT2	156+66.71	71.0391' LT	CHISELED SQUARE, HEADWALL
407	1875776.2701	2437568.8670	716.6277	ILRT2	167+31.96	114.8916' LT	POWER POLE, RAIL ROAD SPIKE
410	1876174.0519	2438263.6896	720.6964	ILRT2	175+05.04	93.3206' RT	POWER POLE, RAIL ROAD SPIKE

## APPARENT PROPERTY CORNERS

POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
700	1873006.4482	2434870.4056	689.5565	ILRT2	128+67.30	75.0227' LT	PROPERTY CORNER, PIN
701	1872803.6561	2434677.5904	690.7558	ILRT2	125+87.47	75.0298' LT	PROPERTY CORNER, PIN
702	1872675.2873	2434742.1517	693.4728	ILRT2	125+38.92	60.2103' RT	PROPERTY CORNER, PIPE
703	1872563.1118	2434635.1682	697.1775	ILRT2	OUT OF CHAIN	-----	PROPERTY CORNER, PIN
704	1872651.6943	2434719.2543	694.9085	ILRT2	125+06.05	59.8724' RT	PROPERTY CORNER, PIN
705	1874487.7464	2436491.4075	702.5747	ILRT2	150+59.32	38.3088' RT	PROPERTY CORNER, PIPE
706	1876692.8913	2438518.0310	722.1974	ILRT2	180+51.32	95' LT	PROPERTY CORNER, PIN
707	1876615.1022	2438439.7778	721.2062	ILRT2	179+40.98	95.0673' LT	PROPERTY CORNER, PIN
708	1876488.5930	2438312.6088	719.0223	ILRT2	177+61.60	95.1097' LT	PROPERTY CORNER, PIN
709	1876364.3048	2438187.8087	718.3484	ILRT2	175+85.47	95.0552' LT	PROPERTY CORNER, PIN
710	1876061.0991	2437883.2439	717.0838	ILRT2	171+55.71	95' LT	PROPERTY CORNER, PIN
711	1874649.6284	2436500.8335	703.4012	ILRT2	151+80.19	69.78' LT	PROPERTY CORNER, PIN

## CURVE POINT NUMBERS

CHAIN	CURVE	PI	CC	PC	PT
ILRT2	200	200	201	202	203