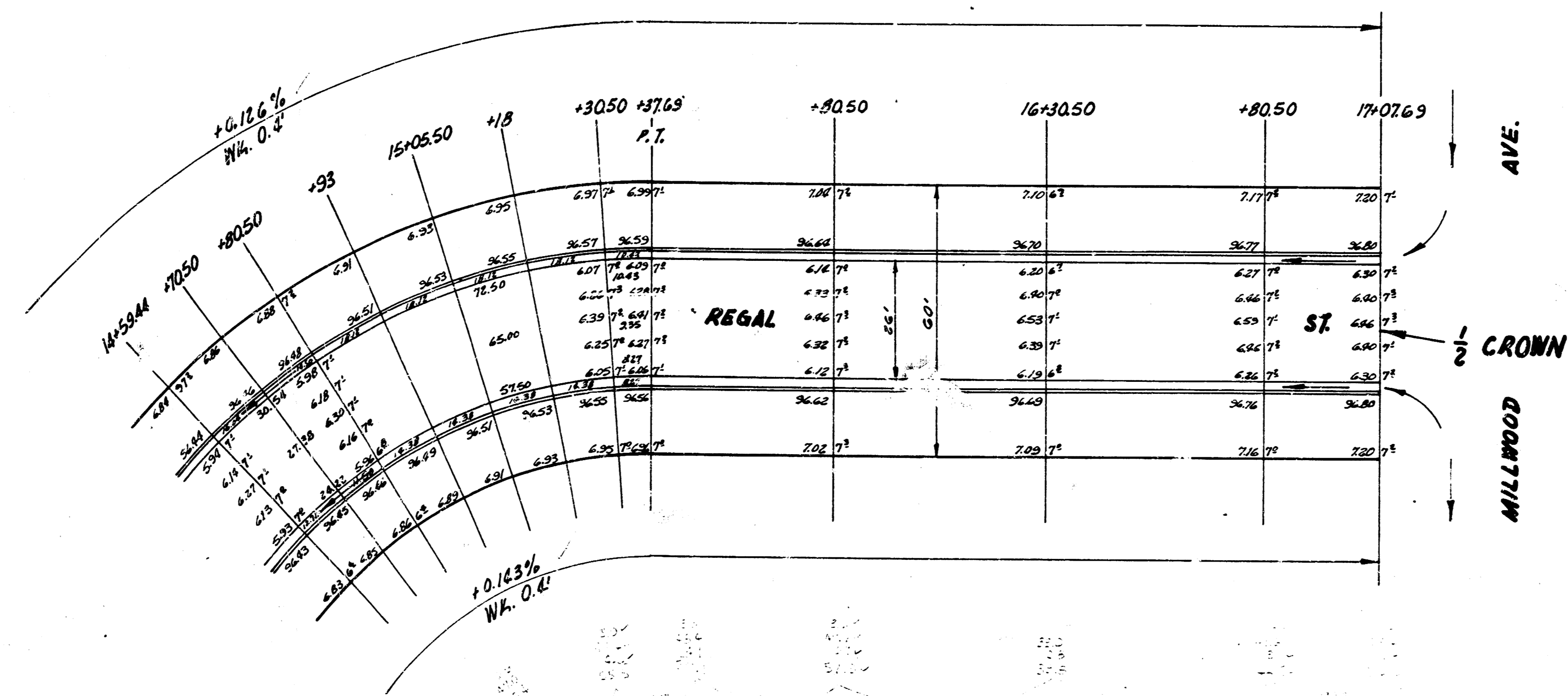


B.M. 95.67 Standard N.E. Cor Glenn & 31st St. So.

Sta. on E. & S.L.



DATA FOR CURVE BET. STA 13+80.50 TO STA 15+37.69
 STA ON S. & E. R = 100' Δ = 90° 04'

Sta.	Arc Length	Chord Length	Chord Length on S. & E.	Chord Length on E. & S.	Deflection Angle	Total Angle
14+30.44	11.50	13.62	18.87	3' 34" 52"	3' 34" 52"	
14+41.94	12.50	13.62	18.87	3' 34" 52"	7° 09' 44"	
14+53.44	13.50	13.62	18.87	3' 34" 52"	10° 44' 36"	
15+04.94	14.50	13.62	18.87	3' 34" 52"	14° 19' 28"	
15+16.44	15.50	13.62	18.87	3' 34" 52"	18° 04' 20"	
15+27.94	16.50	13.62	18.87	3' 34" 52"	21° 39' 12"	
15+39.44	17.50	13.62	18.87	3' 34" 52"	25° 14' 04"	
15+50.94	18.50	13.62	18.87	3' 34" 52"	28° 48' 56"	
16+02.44	19.50	13.62	18.87	3' 34" 52"	32° 23' 48"	
16+13.94	20.50	13.62	18.87	3' 34" 52"	35° 58' 40"	
16+25.44	21.50	13.62	18.87	3' 34" 52"	39° 33' 32"	
16+36.94	22.50	13.62	18.87	3' 34" 52"	43° 08' 24"	
16+48.44	23.50	13.62	18.87	3' 34" 52"	46° 43' 16"	
16+59.94	24.50	13.62	18.87	3' 34" 52"	50° 18' 08"	
17+11.44	25.50	13.62	18.87	3' 34" 52"	53° 53' 00"	
17+22.94	26.50	13.62	18.87	3' 34" 52"	57° 27' 52"	
17+34.44	27.50	13.62	18.87	3' 34" 52"	61° 02' 44"	
17+45.94	28.50	13.62	18.87	3' 34" 52"	64° 27' 36"	
17+57.44	29.50	13.62	18.87	3' 34" 52"	68° 02' 28"	
18+08.94	30.50	13.62	18.87	3' 34" 52"	71° 27' 20"	
18+20.44	31.50	13.62	18.87	3' 34" 52"	75° 02' 12"	
18+31.94	32.50	13.62	18.87	3' 34" 52"	78° 27' 04"	
18+43.44	33.50	13.62	18.87	3' 34" 52"	82° 01' 56"	
18+54.94	34.50	13.62	18.87	3' 34" 52"	85° 26' 48"	
19+06.44	35.50	13.62	18.87	3' 34" 52"	89° 01' 40"	
19+17.94	36.50	13.62	18.87	3' 34" 52"	92° 26' 32"	
19+29.44	37.50	13.62	18.87	3' 34" 52"	96° 01' 24"	
19+40.94	38.50	13.62	18.87	3' 34" 52"	99° 26' 16"	
19+52.44	39.50	13.62	18.87	3' 34" 52"	103° 01' 08"	
20+03.94	40.50	13.62	18.87	3' 34" 52"	106° 26' 00"	
20+15.44	41.50	13.62	18.87	3' 34" 52"	110° 00' 52"	
20+26.94	42.50	13.62	18.87	3' 34" 52"	113° 25' 44"	
20+38.44	43.50	13.62	18.87	3' 34" 52"	117° 00' 36"	
20+49.94	44.50	13.62	18.87	3' 34" 52"	120° 25' 28"	
20+61.44	45.50	13.62	18.87	3' 34" 52"	124° 00' 20"	
20+72.94	46.50	13.62	18.87	3' 34" 52"	127° 25' 12"	
20+84.44	47.50	13.62	18.87	3' 34" 52"	131° 00' 04"	
20+95.94	48.50	13.62	18.87	3' 34" 52"	134° 24' 56"	
21+07.44	49.50	13.62	18.87	3' 34" 52"	138° 00' 48"	
21+18.94	50.50	13.62	18.87	3' 34" 52"	141° 25' 40"	
21+30.44	51.50	13.62	18.87	3' 34" 52"	145° 00' 32"	
21+41.94	52.50	13.62	18.87	3' 34" 52"	148° 25' 24"	
21+53.44	53.50	13.62	18.87	3' 34" 52"	152° 00' 16"	
22+04.94	54.50	13.62	18.87	3' 34" 52"	155° 25' 08"	
22+16.44	55.50	13.62	18.87	3' 34" 52"	159° 00' 00"	
22+27.94	56.50	13.62	18.87	3' 34" 52"	162° 24' 52"	
22+39.44	57.50	13.62	18.87	3' 34" 52"	166° 00' 44"	
22+50.94	58.50	13.62	18.87	3' 34" 52"	169° 25' 36"	
23+02.44	59.50	13.62	18.87	3' 34" 52"	173° 00' 28"	
23+13.94	60.50	13.62	18.87	3' 34" 52"	176° 25' 20"	
23+25.44	61.50	13.62	18.87	3' 34" 52"	180° 00' 12"	
23+36.94	62.50	13.62	18.87	3' 34" 52"	183° 25' 04"	
23+48.44	63.50	13.62	18.87	3' 34" 52"	187° 00' 00"	
23+59.94	64.50	13.62	18.87	3' 34" 52"	190° 24' 52"	
24+11.44	65.50	13.62	18.87	3' 34" 52"	194° 00' 44"	
24+22.94	66.50	13.62	18.87	3' 34" 52"	197° 25' 36"	
24+34.44	67.50	13.62	18.87	3' 34" 52"	201° 00' 28"	
24+45.94	68.50	13.62	18.87	3' 34" 52"	204° 25' 20"	
24+57.44	69.50	13.62	18.87	3' 34" 52"	208° 00' 12"	
25+08.94	70.50	13.62	18.87	3' 34" 52"	211° 25' 04"	
25+20.44	71.50	13.62	18.87	3' 34" 52"	215° 00' 00"	
25+31.94	72.50	13.62	18.87	3' 34" 52"	218° 24' 52"	
25+43.44	73.50	13.62	18.87	3' 34" 52"	222° 00' 44"	
25+54.94	74.50	13.62	18.87	3' 34" 52"	225° 25' 36"	
26+06.44	75.50	13.62	18.87	3' 34" 52"	229° 00' 28"	
26+17.94	76.50	13.62	18.87	3' 34" 52"	232° 25' 20"	
26+29.44	77.50	13.62	18.87	3' 34" 52"	236° 00' 12"	
26+40.94	78.50	13.62	18.87	3' 34" 52"	239° 25' 04"	
26+52.44	79.50	13.62	18.87	3' 34" 52"	243° 00' 00"	
27+03.94	80.50	13.62	18.87	3' 34" 52"	246° 24' 52"	
27+15.44	81.50	13.62	18.87	3' 34" 52"	250° 00' 44"	
27+26.94	82.50	13.62	18.87	3' 34" 52"	253° 25' 36"	
27+38.44	83.50	13.62	18.87	3' 34" 52"	257° 00' 28"	
27+49.94	84.50	13.62	18.87	3' 34" 52"	260° 25' 20"	
27+61.44	85.50	13.62	18.87	3' 34" 52"	264° 00' 12"	
27+72.94	86.50	13.62	18.87	3' 34" 52"	267° 25' 04"	
27+84.44	87.50	13.62	18.87	3' 34" 52"	271° 00' 00"	
27+95.94	88.50	13.62	18.87	3' 34" 52"	274° 24' 52"	
28+07.44	89.50	13.62	18.87	3' 34" 52"	278° 00' 44"	
28+18.94	90.50	13.62	18.87	3' 34" 52"	281° 25' 36"	
28+30.44	91.50	13.62	18.87	3' 34" 52"	285° 00' 28"	
28+41.94	92.50	13.62	18.87	3' 34" 52"	288° 25' 20"	
28+53.44	93.50	13.62	18.87	3' 34" 52"	292° 00' 12"	
29+04.94	94.50	13.62	18.87	3' 34" 52"	295° 25' 04"	
29+16.44	95.50	13.62	18.87	3' 34" 52"	299° 00' 00"	
29+27.94	96.50	13.62	18.87	3' 34" 52"	302° 24' 52"	
29+39.44	97.50	13.62	18.87	3' 34" 52"	306° 00' 44"	
29+50.94	98.50	13.62	18.87	3' 34" 52"	309° 25' 36"	
30+02.44	99.50	13.62	18.87	3' 34" 52"	313° 00' 28"	
30+13.94	100.50	13.62	18.87	3' 34" 52"	316° 25' 20"	
30+25.44	101.50	13.62	18.87	3' 34" 52"	320° 00' 12"	
30+36.94	102.50	13.62	18.87	3' 34" 52"	323° 25' 04"	
30+48.44	103.50	13.62	18.87	3' 34" 52"	327° 00' 00"	
30+59.94	104.50	13.62	18.87	3' 34" 52"	330° 24' 52"	
31+11.44	105.50	13.62	18.87	3' 34" 52"	334° 00' 44"	
31+22.94	106.50	13.62	18.87	3' 34" 52"	337° 25' 36"	
31+34.44	107.50	13.62	18.87	3' 34" 52"	341° 00' 28"	
31+45.94	108.50	13.62	18.87	3' 34" 52"	344° 25' 20"	
31+57.44	109.50	13.62	18.87	3' 34" 52"	348° 00' 12"	
32+08.94	110.50	13.62	18.87	3' 34" 52"	351° 25' 04"	
32+20.44	111.50	13.62	18.87	3' 34" 52"	355° 00' 00"	
32+31.94	112.50	13.62	18.87	3' 34" 52"	358° 24' 52"	
32+43.44	113.50	13.62	18.87	3' 34" 52"	362° 00' 44"	
32+54.94	114.50	13.62	18.87	3' 34" 52"	365° 25' 36"	
33+06.44	115.50	13.62	18.87	3' 34" 52"	369° 00' 28"	
33+17.94	116.50	13.62	18.87	3' 34" 52"	372° 25' 20"	
33+29.44	117.50	13.62	18.87	3' 34" 52"	376° 00' 12"	
33+40.94	118.50	13.62	18.87	3' 34" 52"	379° 25' 04"	
33+52.44	119.50	13.62	18.87	3' 34" 52"	383° 00' 00"	
34+03.94	120.50	13.62	18.87	3' 34" 52"	386° 24' 52"	
34+15.44	121.50	13.62	18.87	3' 34" 52"	390° 00' 44"	
34+26.94	122.50	13.62	18.87	3' 34" 52"	393° 25' 36"	
34+38.44	123.50	13.62	18.87	3' 34" 52"	397° 00' 28"	
34+49.94	124.50	13.62	18.87	3' 34" 52"	400° 25' 20"	
34+61.44	125.50	13.62	18.87	3' 34" 52"	404° 00' 12"	
34+72.94	126.50	13.62	18.87	3' 34" 52"	407° 25' 04"	
34+84.44	127.50	13.62	18.87	3' 34" 52"	411° 00' 00"	
34+95.94	128.50	13.62	18.87	3' 34" 52"	414° 24' 52"	
35+07.44	129.50	13.62	18.87	3' 34" 52"	418° 00' 44"	
35+18.94	130.50	13.62	18.87	3' 34" 52"	421° 25' 36"	
35+30.44	131.50	13.62	18.87	3' 34" 52"	425° 00' 28"	
35+41.94	132.50	13.62	18.87	3' 34" 52"	428° 25' 20"	
35+53.44	133.50	13.62	18.87	3' 34" 52"	432° 00' 12"	
36+04.94	134.50	13.62	18.87	3' 34" 52"	435° 25' 04"	
36+16.44	135.50	13.62	18.87	3' 34" 52"	439° 00' 00"	
36+27.94	136.50	13.62	18.87	3' 34" 52"	442° 24' 52"	
36+39.44	137.50	13.62	18.87	3' 34" 52"	446° 00' 44"	
36+50.94	138.50	13.62	18.87	3' 34" 52"	449° 25' 36"	
37+02.44	139.50	13.62	18.87	3' 34" 52"	453° 00' 28"	
37+13.94	140.50	13.62	18.87	3' 34" 52"	456° 25' 20"	
37+25.44	141.50	13.62	18.87	3' 34" 52"	460° 00' 12"	
37+36.94	142.50	13.62	1			