"Street, Cross Sections

th to 32nd St's

870

LEVEL

F.B. 173

173
Return to City Engineers Office
City Hall, San Diego, Cal.

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.88	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.09	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	96.36	26.72	96.25	27.14	74
16	96.13	27.56	96.00	27.98	95.88	28.40	95.76	28.82	73
17	95.63	29.24	95.50	29.65	95.37	30.07	95.24	30.49	72
18	95.11	30.90	94.97	31.32	94.83	31.73	94.69	32.14	71
19	94.55	32.56	94.41	32.97	94.26	33.38	94.12	33.79	70
20	93.97	34.20	93.82	34.61	93.67	35.02	93.51	35.43	69
21	93.36	35.84	93.20	36.24	93.04	36.65	92.88	37.06	68
22	92.72	37.46	92.55	37.86	92.39	38.27	92.22	38.67	67
23	92.05	39.07	91.88	39.47	91.71	39.87	91.53	40.27	66
24	91.35	40.67	91.18	41.07	91.00	41.47	90.81	41.87	65
25	90.63	42.26	90.45	42.66	90.26	43.05	90.07	43.44	64
26	89.88	43.84	89.69	44.23	89.49	44.62	89.30	45.01	63
27	89.10	45.40	88.90	45.79	88.70	46.17	88.50	46.56	62
28	88.29	46.95	88.09	47.33	87.88	47.72	87.67	48.10	61
29	87.46	48.48	87.25	48.86	87.04	49.24	86.82	49.62	60
30	86.60	50.00	86.38	50.38	86.16	50.75	85.94	51.13	59
31	85.72	51.50	85.49	51.88	85.26	52.25	85.04	52.62	58
32	84.80	52.99	84.57	53.36	84.34	53.73	84.10	54.10	57
33	83.87	54.46	83.63	54.83	83.39	55.19	83.15	55.56	56
34	82.90	55.92	82.66	56.28	82.41	56.64	82.16	57.00	55
35	81.92	57.36	81.66	57.71	81.41	58.07	81.16	58.42	54
36	80.90	58.78	80.64	59.13	80.39	59.48	80.13	59.83	53
37	79.86	60.18	79.60	60.53	79.34	60.88	79.07	61.22	52
38	78.80	61.57	78.53	61.91	78.26	62.25	77.99	62.59	51
39	77.71	62.93	77.44	63.27	77.16	63.61	76.88	63.94	50
40	76.60	64.28	76.32	64.61	76.04	64.94	75.76	65.28	49
41	75.47	65.61	75.18	65.93	74.90	66.26	74.61	66.59	48
42	74.31	66.91	74.02	67.24	73.73	67.56	73.43	67.88	47
43	73.14	68.20	72.84	68.52	72.54	68.84	72.24	69.15	46
44	71.93	69.47	71.63	69.78	71.33	70.09	71.02	70.40	45
45	70.71	70.71							
Degrees.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Degrees.
	DEGREES.		¾ DEGREE.		½ DEGREE.		¼ DEGREE.		

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MICROFILMED

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TRA

Degrees.	DE Lat
0	
1	99.9
2	99.9
3	99.9
4	99.7
5	99.6
6	99.4
7	99.2
8	99.0
9	98.
10	98.
11	98.
12	97.
13	97.
14	97.
15	96.
16	96.
17	95.
18	95.
19	94.
20	93.
21	93.
22	92.
23	92.
24	91.
25	90.
26	89.
27	89.
28	88
29	87
30	86
31	85
32	84
33	83
34	82
35	81
36	80
37	79
38	78
39	77
40	76
41	75
42	74
43	73
44	71
45	70
Degrees.	De D

Publishe

"M" St. Cross-sections

9th to 32nd Aug. 2nd 1901

IMPERIAL

80 ft East of 20th

	No. line	3.05	59.36	56.31
	Curb	3.78		55.58
	1/4	4.30		55.06
	7'	5.00		54.36
	2.5	3.15		56.21
	C	3.20		56.16
	2.5	3.25		56.11
	7'	5.85		53.51
	1/4	5.10		54.26
	7'	4.95		54.41
	Curb	6.42		52.94
	So. line	14.50		44.86

85 ft. East of 20th

So	So. line	14.10		45.26
	Curb	8.65		50.71
	6'	5.00		54.36

1/4	5.20	59.36	54.16
4'	5.20		54.16
2.5	3.22		56.14
C	3.20		56.16
2.5	3.20		56.16
5'	5.28		54.08
1/4	4.20		55.16
Curb	3.90		55.46
No line	2.95		56.41
92' from E line 20th			
No line	2.78		56.58
Curb	3.85		55.51
1/4	3.95		55.41
6'	5.30		54.06
2.5	3.33		56.03
C	3.35		56.01
2.5	3.32		56.04
6'	5.35		54.01

1/4	5.20	59.36	54.16
Curb	5.18		54.18
No line	7.00		52.36
100 ft East of 20th			
No line	5.28		54.08
Curb	5.10		54.26
1/4	5.40		53.96
5'	5.70		53.66
2.5	3.20		56.16
C	3.25		56.11
2.5	3.25		56.11
5'	5.20		56.16
1/4	3.93		55.43
Curb	3.72		55.64
No line	2.35		57.01
125 ft East 20th			
No line	1.90		57.46
Curb	4.02		55.34

1/4	4.10	59.36	55.26
7'	4.80		54.56
2.5	3.50		55.86
C.	3.35		56.01
2.5	3.55		55.81
8'	6.00		53.36
1/4	5.28		54.08
Curb	5.35		54.01
So line	5.42		53.94
150 ft. East 20th			
So line	6.70		52.66
Curb	5.92		53.44
1/4	5.90		53.46
5	5.95		53.41
2.5	3.50		55.86
C	3.35		56.01
2.5	3.46		55.90
6'	4.45		54.91

1/4	4.00	59.36	55.36
Curb	3.78		55.58
No line	1.80		57.56
162 ft East of 20th			
No line	1.80		57.56
Curb	3.58		55.78
1/4	3.82		55.54
9'	4.30		55.06
2.5	3.20		56.16
C	3.25		56.11
2.5	3.25		56.11
9'	6.12		53.24
1/4	5.95		53.41
Curb	6.12		53.24
So line	6.80		52.56
170 ft East of 20th			
So line	11.10		48.26
Curb	8.70		50.66

1/4	6.50	59.36	52.86
4'	6.35		53.01
2.5	3.30		56.06
C	3.25		56.11
2.5	3.32		56.04
6'	4.15		55.21
1/4	3.50		55.86
Curb	3.42		55.94
No. line	2.00		57.36
175 ft East of 20th			
No. line	2.10		57.26
Curb	3.38		55.98
1/4	3.50		58.86
6'	4.05		55.31
2.5	3.30		56.06
C	3.20		56.16
2.5	3.30		56.06
9'	6.16		53.20

1/4	6.65	59.36	52.71
Curb	9.20		50.16
So. line	11.20		48.16
184 ft East of 20th			
So. line	6.00		53.36
Curb	6.55		52.81
5'	6.10		53.26
7'	7.50		51.86
1/4	6.30		53.06
6'	5.80		53.56
2.5	3.30		56.06
C	3.20		56.16
2.5	3.25		56.11
5'	3.90		55.46
1/4	3.55		55.81
Curb	3.38		55.98
No. line	2.20		57.16

West line of 21st

No. line		4.95	59.36		56.41
Curb		3.60			55.76
1/4		3.62			55.74
8'		3.90			55.46
12.5		3.40			55.96
C		3.25			56.11
4.50		3.40			55.96
8'		5.55			53.81
1/4		5.75			53.61
Curb		6.70			52.66
So. line		6.60			52.76
T. P.	4.50	3.25	60.91	56.11	

Curb West line 21st

No. line		4.75			56.16
Curb		5.00			55.91
1/4		5.30			55.61
C		4.95			55.96

1/4		6.90	60.91		54.01
Curb		7.90			53.01
So. line		8.50			52.41

Center of 21st

So. line		7.60			53.31
Curb		7.20			53.71
1/4		6.00			54.91
C		5.10			55.81
1/4		5.20			55.71
Curb		5.00			55.91
No. line		4.60			56.31

Curb East side 21st

No. line		4.60			56.31
Curb		4.90			56.01
1/4		4.95			55.96
C		4.95			55.96
1/4		6.60			54.31
Curb		7.00			53.91

So line	7.90	60.91	53.01
East line 21st			
So line	7.60		53.31
Curb	6.50		54.41
¼	5.45		55.46
C	5.05		55.86
¼	4.87		56.04
Curb	4.55		56.36
No line	3.80		57.11
25 ft East of 21st			
No line	2.50		58.41
Curb	3.65		57.26
¼	3.95		56.96
C	4.85		56.06
¼	5.00		55.91
Curb	6.20		54.71
So line	7.65		53.26

50 ft East of 21st			
So line	7.60	60.91	53.31
Curb	6.20		54.71
¼	5.25		55.66
C	4.95		55.96
4'	4.73		56.18
7'	3.22		57.69
¼	3.32		57.59
Curb	3.45		57.46
No line	2.85		58.06
75 ft. East of 21st			
No line	2.25		58.66
Curb	3.22		57.69
¼	3.10		57.81
6'	3.30		57.61
4'	4.55		56.36
C	4.90		56.01
¼	4.55		56.36

Curb	5.38	60.91	55.53
So line	7.30		53.61
100 ft. East of 21st			
So line	6.75		54.16
Curb	5.32		55.59
1/4	4.40		56.51
C	4.75		56.16
3'	4.60		56.31
3'	2.35		58.56
1/4	2.71		58.20
Curb	3.10		57.81
No line	2.70		58.21
125 ft. East of 21st			
No line	3.30		57.61
Curb	3.70		57.21
1/4	3.20		57.71
3	3.20		57.71
9'	4.50		56.41

C	4.75	60.91	56.16
1/4	5.05		55.86
Curb	5.32		55.59
So line	6.35		54.56
150 ft. East of 21st			
So line	6.42		54.49
Curb	5.18		55.73
1/4	5.15		55.76
C	4.80		56.11
4'	4.72		56.19
4'	3.30		57.61
1/4	3.70		57.21
Curb	4.20		56.71
No line	4.00		56.91
175 ft. East of 21st			
No line	4.73		56.18
Curb	5.05		55.86
1/4	5.15		55.76

C	4.83	60.91	56.08
1/4	5.48		55.43
Curb	6.00		54.91
So line	6.72		54.19
West line 22nd			
So line	6.72		54.19
Curb	6.37		54.54
1/4	5.92		54.99
C	4.62		56.29
1/4	5.10		55.81
Curb	4.75		56.16
No line	4.85		56.06
Curb West side of 22nd			
No line	4.28		56.63
Curb	4.68		56.23
1/4	5.08		55.83
C	4.70		56.21
1/4	5.55		55.36

Curb	6.68		54.23
So line	7.20		53.71
Center of 22nd			
So line	5.20		55.71
Curb	6.25		55.66
1/4	5.70		55.21
C	4.60		56.31
1/4	4.75		56.16
Curb	4.70		56.21
No line	4.40		56.51
Curb East side 22nd			
No line	3.72		57.19
Curb	4.30		56.61
1/4	4.58		56.33
C	4.40		56.51
1/4	5.20		55.71
Curb	5.62		55.29
So line	5.22		55.69

East line of 22nd

So line		4.55	60.91	56.36
Curb		4.95		55.96
½		4.90		56.01
C		4.40		56.51
¼		4.60		56.31
Curb		3.80		57.11
No line		3.65		57.26

25 ft East of 22nd

No line		2.62		58.29
Curb		3.15		57.76
6'		3.00		57.91
9'		4.25		56.66
¼		4.55		56.36
C		4.35		56.56
¼		4.80		56.11
3		3.30		57.61
Curb		3.30		57.61

So line		3.45	60.91	57.46
T. P.	4.29	4.10	61.10	56.81

50 ft East of 22nd

So line		3.50		57.60
Curb		3.15		57.95
8'		2.18		58.92
¼		4.75		56.35
C		4.50		56.60
¼		4.53		56.57
9'		2.62		58.48
Curb		2.70		58.40
No line		2.55		58.55

75 ft. East of 22nd

No line		2.32		58.78
Curb		2.47		58.63
9'		2.35		58.75
¼		4.72		56.38
C		4.45		56.65

¼	4.73	61.10	56.37
4'	1.40		59.70
Comb	2.40		58.70
So. line	2.90		58.20
100 ft. East of 23rd			
So. line	3.05		58.05
Comb	2.55		58.55
4'	2.00		59.10
¼	4.60		56.50
C	4.43		56.67
¼	4.47		56.63
6'	1.92		59.18
Comb	2.38		58.72
No. line	2.03		59.07
125 ft. East of 22nd			
No. line	1.90		59.20
Comb	2.48		58.62
6'	2.10		59.00

¼	4.65	61.10	56.45
C	4.60		56.50
¼	4.82		56.28
4'	2.20		58.90
Comb	1.91		59.19
So. line	3.22		57.88
150 ft. East of 22nd			
So. line	3.21		57.89
Comb	2.84		58.26
4'	2.00		59.10
¼	5.00		56.10
C	4.70		56.40
¼	4.32		56.78
7'	1.55		59.55
Comb	2.05		59.05
No. line	1.82		59.28
175 ft. East of 22nd			
No. line	1.92		59.18

Curb	2.65	61.10	58.45
7'	2.40		58.70
1/4	4.62		56.48
C.	4.70		56.40
1/4	5.20		55.90
1'	3.05		58.05
Curb	3.28		57.82
So line	3.15		57.95
200 ft. East of 22nd			
So line	3.50		55.60
Curb	3.50		57.60
2'	3.40		57.70
1/4	5.15		55.95
C	4.75		56.35
1/4	4.90		56.20
6'	2.68		58.42
Curb	2.85		58.25
No line	2.37		58.73

225 ft. East of 22nd			
No line	3.35	61.10	57.75
Curb	3.85		57.25
7'	3.60		57.50
1/4	4.95		56.15
C	4.80		56.30
1/4	5.41		55.69
2'	3.93		57.17
Curb	4.82		56.28
So line	4.00		57.10
250 ft. East of 22nd			
So line	4.55		56.55
Curb	5.05		56.05
2'	4.70		56.40
1/4	5.47		55.63
C	4.82		56.28
1/4	5.20		55.90
Curb	4.87		56.23

No. line	4.72	61.10	56.38
275 ft. East of 22nd			
No. line	5.70		55.40
Curb	6.00		55.10
1/4	5.43		55.67
C	4.72		56.38
1/4	5.82		55.28
Curb	5.70		55.40
So. line	5.40		55.70
300 ft. East of 22nd			
So. line	5.50		55.60
Curb	6.08		55.02
1/4	5.90		55.20
C	4.85		56.25
1/4	5.55		55.55
2'	6.40		54.70
Curb	6.65		54.45
No. line	6.00		55.10

325 ft. East of 22nd			
No. line	6.00	61.10	55.10
Curb	6.85		54.25
2'	6.65		54.45
1/4	5.25		55.85
C	4.85		56.25
2'	5.45		55.65
1/4	7.25		53.85
Curb	6.75		54.35
So. line	6.10		55.00
350 ft. East of 22nd			
So. line	7.10		54.00
Curb	7.20		53.90
1/4	7.70		53.40
2'	5.00		56.10
C	4.82		56.28
2'	5.10		56.00
1/4	6.70		54.40

Curb		6.80	61.10		54.30
No. line		6.20			54.90
375 ft. East of 22nd					
No. line		5.20			55.90
Curb		6.05			55.05
1/4		6.00			55.10
2'		5.25			55.85
C		4.90			56.20
2'		5.22			55.88
1/4		7.80			53.30
Curb		8.00			53.10
So. line		7.20			53.90
400 ft. East of 22nd					
So. line		7.60			53.50
Curb		8.30			52.80
1/4		5.40			55.70
C		5.18			55.92
1/4		5.40			55.70

Curb		4.95	61.10		56.15
No. line		3.72			57.38
403' East of 22nd = P.L. line					
No. line		3.42			57.68
Curb		4.90			56.20
1/4		5.30			55.80
C		5.10			56.00
1/4		5.30			55.80
Curb		7.90			53.20
So. line		7.80			53.30
T.P.	3.65	3.42	61.33	57.68	
West line of 24th					
No. line		2.90			58.43
Curb		3.35			57.98
1/4		4.50			56.83
C		5.35			55.98
1/4		5.35			55.98
Curb		5.50			55.83

So. line		6.30	61.33		55.03
	Curb line West side of 24th				
So line		6.03			55.30
+ 7'		7.60			53.73
Curb		6.05			55.28
1/4		5.27			56.06
C		5.37			55.96
1/4		4.00			57.33
Curb		2.68			58.65
No line		2.47			58.86
	Center line of 24th				
No line		1.75			59.58
Curb		2.21			59.12
1/4		3.45			57.88
C		5.30			56.03
1/4		5.28			56.05
Curb		6.20			55.13
So line		7.60			53.73

	Curb East side of 24th				
So line		7.20	61.33		54.13
Curb		6.32			55.01
1/4		5.50			55.83
C		4.90			56.43
1/4		3.55			57.78
Curb		3.00			58.33
No line		1.90			59.43
	East line of 24th				
No line		1.85			59.48
Curb		3.10			58.23
1/4		3.55			57.78
C		5.10			56.23
1/4		5.70			55.63
Curb		6.10			55.23
So line		7.30			54.03
T. P.	+ 3.10	3.65	60.78	57.68	

7/6/01 Crowell
Remington
Watson

25 ft East of 24th

No line	2.92	60.78	57.86
Curb	3.30		57.48
¼	4.20		56.58
C	4.75		56.03
¼	5.20		55.58
Curb	5.30		55.48
So line	6.65		54.13

50 ft East of 24th

So line	7.70	53.08
Curb	6.40	54.38
¼	5.80	54.98
C	5.00	55.78
¼	5.10	55.68
5'	5.87	54.91
Curb	5.63	55.15
No line	5.20	55.58

75 ft. East of 24th

No line	6.45	60.78	54.33
Curb	6.80		53.98
8'	6.75		54.03
¼	6.00		54.78
3'	5.30		55.48
C	5.25		55.53
9'	5.60		55.18
¼	6.60		54.18
Curb	7.25		53.53
So line	7.45		53.33

100 ft East of 24th

So line	6.86	53.92
Curb	7.10	53.68
¼	6.55	54.23
3'	5.35	55.43
C	5.30	55.48
10'	5.40	55.38

1/4	6.65	60.78	54.13
4'	8.55		52.23
Curb	8.50		52.28
No line	8.20		52.58
125 ft East of 24th			
No line	7.72		53.06
Curb	8.68		52.10
3'	8.93		51.85
1/4	7.32		53.46
3'	5.32		55.46
C	5.20		55.58
10'	5.56		55.28
1/4	6.90		53.98
Curb	6.60		54.18
So line	6.12		54.66
128' East of 24th			
So line	5.95		54.83
Curb	6.85		53.93

1/4	7.38	60.78	53.40
3'	5.85		54.93
C	5.25		55.53
10'	5.50		55.28
1/4	7.22		53.56
3'	9.00		51.78
Curb	8.60		52.18
No line	7.60		53.18
133' East of 24th			
No line	7.55		53.23
Curb	8.82		51.96
3'	9.00		51.78
1/4	7.05		53.73
3'	5.50		55.28
C	5.30		55.48
10'	5.60		55.18
1/4	6.93		53.85
Curb	8.95		51.83

So lim	10.55	60.78	50.23
148 ft. East of 24th			
So lim	10.25		50.53
Curb	9.65		51.13
9'	9.15		51.63
1/4	6.65		54.13
C	5.45		55.33
10	5.60		55.18
1/4	7.22		53.56
3'	9.05		51.73
Curb	8.90		51.88
No lim	8.30		52.48
150 ft. East of 24th			
No lim	8.38		52.40
Curb	9.00		51.78
3'	9.10		51.68
1/4	7.20		53.58
3'	5.65		55.13

C	5.50	60.78	55.28
1/4	6.50		54.28
Curb	6.13		54.65
So lim	6.65		54.13
175 ft. East of 24th			
So lim	6.58		54.20
Curb	6.90		53.88
1/4	6.45		54.33
C	5.60		55.18
3'	5.58		55.20
1/4	7.20		53.58
3'	9.10		51.68
Curb	9.00		51.78
No lim	9.10		51.68
200 ft. East of 24th			
No lim	8.20		52.58
Curb	8.50		52.28
10'	8.60		52.18

¼	6.80	60.78	53.98
3'	5.55		55.23
C	5.48		55.30
¼	6.20		54.58
Curb	6.55		54.23
So line	7.10		53.68
225 ft. East of 24th			
So line	7.10		53.68
1'	7.18		53.60
Curb	7.00		53.78
2'	5.45		55.33
¼	5.15		55.63
C	5.42		55.36
3'	5.10		55.68
¼	6.10		54.68
3'	7.65		53.13
Curb	7.71		53.07
No line	7.30		53.48

232 ft. East of 24th			
No line	6.80	60.78	53.98
Curb	7.35		53.43
3'	7.45		53.33
¼	6.20		54.58
3'	5.10		55.68
C	5.12		55.66
¼	4.95		55.83
2'	5.15		55.63
Curb	8.38		52.40
So line	9.68		51.10
250 ft. East of 24th			
So line	9.80		50.98
8'	9.55		51.23
Curb	6.70		54.08
4'	4.70		56.08
¼	5.00		55.78
C	4.87		55.91

3'	5.00	60.78	55.78
1/4	5.78		55.00
3'	7.78		53.00
Curb	7.10		53.68
No line	6.48		54.30
253 ft East of 24th			
No line	6.52		54.26
Curb	7.23		53.55
3'	8.00		52.78
1/4	5.15		55.63
C.	4.84		55.94
1/4	4.95		55.83
Curb	6.40		54.38
6'	9.70		51.08
So line	10.30		50.48
257 ft. East of 24th Culvert			
So line	10.60		50.18
Curb	10.30		50.48

6'	9.75	60.78	51.03
1/4	5.10		55.68
C	4.75		56.03
1/4	6.25		54.53
6'	8.52		52.26
Curb	7.82		52.96
No line	6.62		54.16
263 ft. East of 24th			
No line	7.15		53.63
Curb	8.50		52.28
5'	8.80		51.98
1/4	4.78		56.00
C	4.85		55.93
1/4	5.00		55.78
5'	9.60		51.18
Curb	9.95		50.83
So line	9.50		51.28

	265 ft East of 24th		
So line	9.40	60.78	51.38
E 8'	8.55		52.23
Curb	6.25		54.53
1/4	4.90		55.88
C	4.65		56.13
1/4	4.95		55.83
5'	7.75		53.03
Curb	8.50		52.28
No line	7.55		53.23
	275 ft. East of 24th		
No line	7.78		53.00
Curb	7.60		53.18
5'	7.45		53.33
1/4	5.00		55.78
C	4.45		56.33
1/4	4.90		55.88
Curb	5.50		55.28

8'	8.00	60.78	52.78
So line	8.68		52.10
	300 ft East of 24th		
So line	7.90		52.88
8'	7.50		53.28
Curb	5.18		55.60
1/4	4.85		55.93
C	4.05		56.73
3'	4.38		56.40
1/4	5.80		54.98
Curb	7.00		53.78
No line	7.50		53.28
	325 ft. East of 24th		
No line	6.90		53.88
Curb	5.05		55.73
1/4	4.12		56.66
C	3.65		57.13
1/4	4.60		56.18

Curb	5.50	60.78	55.28
So line	6.15		54.63
350 ft East of 24th			
So line	5.75		55.03
Curb	4.65		56.13
1/4	3.55		57.23
C	3.32		57.46
1/4	3.15		57.63
Curb	3.58		57.20
No line	4.80		55.98
375 ft East of 24th			
No line	2.35		58.43
Curb	2.25		58.53
1/4	2.80		57.98
C	2.90		57.88
1/4	3.15		57.63
Curb	4.80		55.98
No line	5.68		55.10

400 ft East of 24th			
So line	5.00	60.78	55.78
Curb	3.85		56.93
1/4	2.80		57.98
C	2.42		58.36
1/4	2.50		58.28
Curb	2.05		58.73
No line	1.80		58.98
4.25 ft. East of 24th			
No line	1.48		59.30
Curb	1.18		59.60
1/4	1.05		59.73
2'	2.10		58.68
C	1.95		58.83
2'	2.20		58.58
1/4	1.55		59.23
Curb	2.25		58.53
So line	3.40		57.38

	450 ft. East of 24th				
So line		1.92	60.78		58.86
Curb		1.10			59.68
1/4		1.10			59.68
2'		1.90			58.88
C		1.52			59.76
2'		1.90			58.88
1/4		0.45			60.33
Curb		0.40			60.38
No line		0.45			60.33
T.P.	6.02	1.69	65.11	59.09	
	4.75 ft. East of 24th				
No line		4.30			60.81
Curb		4.32			60.79
1/4		4.68			60.43
2'		5.75			59.36
C		5.52			59.59
11'		5.88			59.23

1/4		5.25	65.11		59.86
Curb		5.50			59.61
So line		6.30			58.81
	500 ft East of 24th				
So line		6.60			58.51
Curb		5.28			59.83
1/4		4.88			60.23
2'		5.47			59.64
C		5.10			60.01
2'		5.52			59.59
1/4		4.22			60.89
Curb		4.05			61.06
No line		3.68			61.43
	525 ft. East of 24th				
No line		4.95			62.16
Curb		3.68			61.43
1/4		4.05			61.06
2'		5.15			59.96

C	4.68	65.11		60.43
p 2'	5.10			60.01
4	4.80			60.31
Curb	5.31			59.80
to line	6.55			58.56
550 ft. East of 24th				
to line	6.87			58.24
Curb	5.40			59.71
4	4.75			60.36
C	4.45			60.66
4	4.80			60.31
2'	3.65			61.46
Curb	3.40			61.71
to line	3.33			61.78
575 ft East of 24th				
to line	2.95			62.16
Curb	3.15			61.96
7'	3.60			61.51

4		4.48	65.11		60.63
C		3.95			61.16
p 2'		4.15			60.96
4		5.05			60.06
Curb		6.32			58.79
to line		6.90			58.21
West line 25th					
to line		6.90			58.21
Curb		5.75			59.36
4		5.10			60.01
2'		4.20			60.91
C		3.70			61.41
4		4.35			60.76
4'		3.75			61.36
Curb		3.42			61.69
to line		2.70			62.41
T.P.	5.46	2.72	67.91	B.M. N.W. Cor. 25th & M 62.39 -	62.45
Corrected to 62.45 #					

Curb West side of 25th

No line	5.40	67.91	62.51
Curb	5.75		62.16
p 4'	6.00		61.91
1/4	7.00		60.91
C	6.25		61.66
1/4	6.65		61.26
3'	7.90		60.01
Curb	7.80		60.11
So line	8.50		59.41

Center line of 25th

So line	7.83		60.08
Curb	7.80		60.11
p 3'	7.25		60.66
1/4	6.40		61.51
C	6.10		61.81
1/4	6.40		61.51
Curb	6.10		61.81

No line	5.70	67.91	62.21

Curb East side of 25th

No line	4.65		63.26
Curb	4.85		63.06
p 5'	5.12		62.79
1/4	6.20		61.71
C	5.70		62.21
p 1/4	6.10		61.81
3'	5.40		62.51
Curb	5.68		62.23
So line	7.10		60.81

East line of 25th

So line	6.25		61.66
Curb	5.88		62.03
p 3'	5.55		62.36
1/4	6.00		61.91
C	5.90		62.01
1/4	6.00		61.91

7'	4.50	67.91	63.41
Curb	4.25		63.66
No line	4.20		63.71
25 ft. East of 25th			
No line	3.70		64.21
Curb	3.68		64.23
3'	3.65		64.26
1/4	5.75		62.16
C	5.55		62.36
3'	5.85		62.06
1/4	5.15		62.76
Curb	5.52		62.39
So line	5.93		61.98
50 ft. East of 25th			
So line	5.20		62.71
Curb	5.45		62.46
1/4	4.90		63.01
3'	5.70		62.21

C	5.15	67.91	62.76
1/4	5.45		62.46
5'	3.95		63.96
Curb	3.72		64.19
No line	3.35		64.56
75 ft. East of 25th			
No line	3.05		64.86
Curb	3.43		64.48
5'	3.68		64.23
1/4	5.20		62.71
C	4.95		62.96
3'	5.40		62.51
1/4	4.80		63.11
Curb	5.08		62.83
So line	5.45		62.46
100 ft. East of 25th			
So line	5.25		62.66
Curb	4.80		63.11

1/4	4.45	67.91	63.46
3'	5.20		62.71
C	4.60		63.31
1/4	4.75		63.16
3'	3.55		64.36
Curb	3.10		64.81
No line	2.65		65.26
125 ft. East of 25th			
No line	2.35		65.56
Curb	2.90		65.01
3'	3.00		64.91
1/4	4.50		63.41
C	4.38		63.53
3'	4.78		63.13
1/4	4.15		63.76
Curb	4.20		63.71
So line	4.98		62.93

140 ft. = West line of alley			
So line	4.80	67.91	63.11
Curb	4.38		63.53
1/4	4.05		63.86
3'	4.80		63.11
C	4.20		63.71
1/4	4.40		63.51
4'	3.00		64.91
Curb	2.40		65.51
No line	2.20		65.71
East line of alley			
No line	2.75		65.16
Curb	2.93		64.98
4'	3.05		64.86
1/4	4.33		63.58
C	4.00		63.91
3'	4.55		63.36
1/4	3.85		64.06

Curb	3.82	67.91	64.09
So line	4.50		63.41
25 ft. East of Alley			
So line	4.80		63.11
Curb	4.32		63.59
1/4	3.62		64.29
2'	4.30		63.61
C	3.80		64.11
1/4	4.05		63.86
4'	3.10		64.81
Curb	3.20		64.71
No line	2.57		65.34
50 ft. East of Alley			
No line	1.20		66.71
Curb	1.80		66.11
4'	3.20		64.71
1/4	3.95		63.96
C	3.80		64.11

2'	4.40	67.91	63.51
1/4	4.08		63.83
Curb	4.05		63.86
So line	4.60		63.31
75 ft. East of Alley			
So line	4.88		63.03
Curb	4.50		63.41
1/4	4.35		63.56
C	3.85		64.06
1/4	3.88		64.03
Curb	2.62		65.29
No line	2.30		65.61
100 ft. East of Alley			
No line	2.10		65.81
Curb	3.05		64.86
4'	3.25		64.66
1/4	4.10		63.81
C	4.00		63.91

1/4		4.50	67.91		63.41
2'		3.85			64.06
Curb		4.20			63.71
So line		5.20			62.71
125 ft. East of Alley					
So line		4.80			63.11
Curb		3.85			64.06
2'		3.85			64.06
1/4		4.55			63.36
C		4.00			63.91
1/4		4.25			63.66
4		2.80			65.11
Curb		2.95			64.96
No line		2.50			65.41
T. P.	3.46	2.44	68.93	65.47	
150 ft East of Alley					
No line		3.70			65.23
Curb		3.75			65.18

3'		4.40	68.93		64.53
1/4		5.00			63.93
C		4.95			63.98
1/4		5.60			63.33
Curb		5.55			63.38
So line		5.70			63.23
175 ft. East of Alley					
So line		6.15			62.78
Curb		6.00			62.93
1/4		5.52			63.41
C		5.10			63.83
1/4		5.25			63.68
4'		4.20			64.73
Curb		3.75			65.18
No line		3.45			65.48
200 ft East of Alley					
No line		3.00			65.93
Curb		3.45			65.48

4'	3.90	68.93	65.03
1/4	5.30		63.63
C	5.08		63.85
1/4	5.30		63.63
Curb	5.05		63.88
So line	5.10		63.83
225 ft. East of Alley			
So line	5.75		63.18
Curb	5.30		63.63
2'	4.95		63.98
1/4	5.50		63.43
C	5.15		63.78
1/4	5.38		63.55
5'	4.00		64.93
Curb	3.60		65.33
No line	3.20		65.73

250 ft. East of Alley			
No line	3.25	68.93	65.68
Curb	3.75		65.18
4'	4.00		64.93
1/4	5.05		63.88
C	5.00		63.93
1/4	4.65		64.28
2'	4.90		64.03
Curb	5.45		63.48
So line	5.88		63.05
275 ft. East of Alley			
So line	5.75		63.18
Curb	5.30		63.63
2'	5.15		63.78
1/4	5.52		63.41
C	5.10		63.83
1/4	5.40		63.53
4'	3.83		65.10

Curb	3.65	68.93	65.28
No line	3.67		65.26
300 ft East of Alley			
No line	4.8		64.13
Curb	4.05		64.88
4'	3.85		65.08
1/4	5.43		63.50
C	5.15		63.78
1/4	5.75		63.18
2'	5.45		63.48
Curb	5.54		63.39
So line	5.73		63.20
325 ft. East of Alley			
So line	6.15		62.78
Curb	5.90		63.03
1/4	5.45		63.48
C	5.10		63.83
1/4	5.40		63.53

Curb	4.60	68.93	64.33
No line	4.50		64.43
350 ft East of Alley			
No line	4.40		64.53
Curb	5.20		63.73
1/4	5.35		63.58
C	5.10		63.83
1/4	5.62		63.31
Curb	6.18		62.75
So line	6.73		62.20
375 ft. East of Alley			
So line	6.10		62.83
Curb	5.68		63.25
1/4	5.92		63.01
C	5.05		63.88
1/4	5.42		63.51
Curb	4.65		64.28
No line	3.68		65.25

West line 26th St.

To line	4.92	68.93	64.01
Curb	4.90		64.03
1/4	5.62		63.31
C	5.20		63.73
2'	5.50		63.43
1/4	6.50		62.43
Curb	6.90		62.03
To line	7.10		61.83

Curb West side 26th

To line	7.20		61.73
Curb	6.90		62.03
1/4	6.40		62.53
2'	5.40		63.53
C	5.22		63.71
1/4	5.55		63.38
Curb	5.10		63.83
To line	5.22		63.71

Center line of 26th

To line	4.30	68.93	64.63
Curb	5.65		63.28
1/4	5.85		63.08
C	5.30		63.63
2'	5.55		63.38
1/4	6.55		62.38
Curb	7.00		61.93
To line	7.30		61.63

Curb East side of 26th

To line	7.50		61.43
Curb	7.15		61.78
1/4	6.70		62.23
2'	5.80		63.13
C	5.45		63.48
1/4	5.90		63.03
Curb	5.30		63.63
To line	5.05		63.88

East line of 26th

No line		5.00	68.93		63.93
Curb		5.55			63.38
1/4		5.95			62.98
C		5.50			63.43
7'		5.75			63.18
1/4		6.55			62.38
Curb		7.05			61.88
So line		7.45			61.48
T. P.	3.74	5.36	67.31	63.57	

25 ft East of 26th

No line		2.98			64.33
7'		2.60			64.71
Curb		3.67			63.64
1/4		4.70			62.61
C		4.00			63.31
1/4		4.70			62.61
Curb		5.03			62.28

So line		5.60	67.31		61.71

50 ft East of 26th

So line		5.20			62.11
Curb		4.50			62.81
1/4		4.45			62.86
C		4.30			63.01
1/4		4.75			62.56
Curb		4.40			62.91
7'		3.35			63.98
No line		3.28			64.03

75 ft East of 26th

No line		3.15			64.16
7'		3.30			64.01
Curb		4.40			62.91
1/4		4.80			62.51
C		4.30			63.01
1/4		4.40			62.91
Curb		4.23			63.08

to line	4.80	67.31	62.51
100 ft East of 26th			
to line	5.00		62.31
Curb	4.40		62.91
¼	4.20		63.11
2'	4.80		62.51
C	4.40		62.91
¼	4.80		62.51
Curb	4.78		62.53
7	3.55		63.76
to line	3.68		63.63
125 ft East of 26th			
to line	4.65		62.66
7	4.45		62.86
Curb	5.08		62.23
¼	5.10		62.21
C	4.72		62.59
10'	5.00		62.31

¼	4.40	67.31	62.91
Curb	4.62		62.69
to line	5.52		61.79
150 ft. East of 26th			
to line	7.25		60.06
Curb	7.00		60.31
¼	6.85		60.46
4'	5.42		61.89
C	4.78		62.53
¼	5.25		62.06
Curb	5.30		62.01
to line	5.30		62.01
175 ft. East of 26th			
to line	5.75		61.56
Curb	5.47		61.84
¼	5.20		62.11
C	4.90		62.41
6'	5.15		62.16

1/4	6.20	67.31	61.11
Curb	6.50		60.81
Sidewalk	7.10		60.21
188 ft East of 26th Culvert			
Sidewalk	7.50		59.81
Curb	7.30		60.01
1/4	7.30		60.01
6'	7.00		60.31
5'	4.70		62.61
C	4.80		62.51
1/4	5.40		61.91
4'	7.00		60.31
Curb	6.25		61.06
Sidewalk	5.95		61.36
200 ft East of 26th			
Sidewalk	5.85		61.46
Curb	6.05		61.26
4'	7.00		60.31

1/4	5.35	67.31	61.96
C	4.65		62.66
7'	4.72		62.59
1/4	5.83		61.48
Curb	6.50		60.81
Sidewalk	6.70		60.61
225 ft East of 26th			
Sidewalk	6.05		61.26
Curb	6.10		61.21
1/4	5.50		61.81
3'	4.40		62.91
C	4.30		63.01
3'	4.35		62.96
1/4	5.15		62.16
9'	6.75		60.56
Curb	6.00		61.31
Sidewalk	5.70		61.61

250 ft. East of 26th			
Wline	5.60	67.31	61.71
Curb	5.50		61.81
3'	6.60		60.71
1/4	4.70		62.61
C	4.30		63.01
3	4.35		62.96
1/4	5.50		61.81
Curb	5.45		61.86
Sline	5.52		61.79
275 ft. East of 26th			
Sline	5.00		62.31
Curb	5.30		62.01
1/4	5.20		62.11
3'	4.30		63.01
C	4.10		63.21
1/4	4.75		62.56
9'	6.20		61.11

Curb	5.05	67.31	62.26
Wline	5.35		61.96
300 ft. East of 26th			
Wline	4.55		62.76
Curb	4.20		63.11
3'	6.10		61.21
1/4	4.60		62.71
C	3.95		63.36
1/4	4.55		62.76
Curb	5.00		62.31
Sline	4.60		62.71
325 ft. East of 26th			
Sline	4.70		62.61
Curb	5.10		62.21
1/4	4.60		62.71
C	3.85		63.46
1/4	4.22		63.09
10'	5.90		61.41

Curb		3.65	67.31		63.66
No. line		3.75			63.56
350 ft. East of 26th					
No. line		3.85			63.46
Curb		3.65			63.66
3'		5.65			61.66
1/4		4.12			63.19
C		3.85			63.46
1/4		4.25			63.06
Curb		4.85			63.46
So. line		4.30			63.01
375 ft. East of 26th					
So. line		3.53			63.78
Curb		4.35			62.96
1/4		3.85			63.46
C		3.47			63.84
1/4		4.10			63.21
10		5.25			62.06

Curb		3.62	67.31		63.69
So. line		3.70			63.61
T. P.	5.45	3.23	69.53	64.08	
400 ft. East of 26th					
So. line		5.88			63.65
Curb		6.15			63.38
1/4		5.90			63.63
C		5.50			64.03
1/4		5.80			63.73
10'		7.25			62.28
Curb		6.05			63.48
No. line		5.90			63.63
425 ft. East of 26th					
No. line		5.50			64.03
Curb		6.30			63.23
3'		7.00			62.53
1/4		5.50			64.03
C		5.75			64.28

¼	5.60	69.53		63.93
Curb	5.90			63.63
So line	5.50			64.03
4.50 ft. East of 26th				
So line	5.50			64.03
Curb	5.75			63.78
¼	5.25			64.28
C	5.00			64.53
¼	5.80			63.73
Curb	6.12			63.41
No line	5.40			64.13
4.75 ft. East of 26th				
No line	5.65			63.88
Curb	6.20			63.33
¼	6.20			63.33
C	4.90			64.63
¼	5.25			64.28
Curb	5.58			63.95

So line	5.45	69.53		64.08
5.00 ft. East of 26th				
So line	5.30			64.23
Curb	5.52			64.01
¼	5.10			64.43
C	4.65			64.88
¼	5.10			64.43
Curb	6.05			63.48
No line	5.45			64.08
5.25 ft. East of 26th				
No line	5.45			64.08
Curb	5.90			63.63
¼	4.92			64.61
C	4.70			64.83
¼	4.85			64.68
Curb	5.10			64.43
So line	5.73			63.80

550 ft. East of 26th

Solin	5.20	69.53	64.33
Curb	4.85		64.68
1/4	4.75		64.78
C	4.57		64.96
1/4	5.22		64.31
Curb	5.70		63.83
Solin	4.75		64.78

575 ft. East of 26th

Solin	4.95		64.58
11'	4.20		65.33
Curb	5.47		64.06
1/4	5.45		64.08
6'	4.10		65.43
C	4.12		65.41
1/4	4.43		65.10
Curb	5.42		64.11
Solin	4.10		65.43

West line of 27th

Solin		2.85	69.53	66.68
Curb		4.40		65.13
1/4		4.40		65.13
C		4.00		65.53
6'		3.80		65.73
1/4		5.25		64.28
Curb		5.05		64.48
Solin		4.10		65.43
				B.M. S.W. 66.31
T.P.	7.71	3.22	74.07	27th + M. 66.85

Curb West side of 27th

Solin	7.35		66.67
5'	8.70		65.32
Curb	9.15		64.87
1/4	9.65		64.37
6'	9.60		64.42
5'	8.15		65.87
C	8.48		65.62

¼	9.05	74.02	64.97
Curb	8.43		65.59
So line	7.28		66.74
Centre of 27th			
So line	7.00		
Curb	7.73		
¼	8.15		
C	7.95		
6'	7.85		
3'	9.75		
¼	10.05		
Curb	9.20		
No line	7.70		
Curb East side 27th			
No line	8.70		
Curb	9.05		
¼	9.45		
8'	7.70		

C	7.82		
¼	7.95		
Curb	7.80		
So line	7.00		
East line of 27th			
So line			
Curb			
Centre line of 27th			
So line	7.35	74.02	66.67
Curb	8.20		65.82
¼	8.70		65.32
C	8.25		65.77
7'	8.05		65.97
¼	9.80		64.22
Curb	9.40		64.62
No line	7.45		66.57
Curb East line 27th			
So line	7.00		67.02

Curb	7.73	~~74.08~~	66.29	
1/4	8.15		65.87	
C	7.95		66.07	
6'	7.85		66.17	
3'	9.75		64.27	
1/4	10.05		63.97	
Curb	9.20		64.82	
No line	7.70		66.32	
East line of 27th				
No line	8.70		65.32	
Curb	9.05		64.97	
1/4	9.45		64.57	
8'	7.70		66.32	
C	7.82		66.20	
1/4	7.95		66.07	
Curb	7.30		66.72	
So line	7.00		67.02	

25' East of 27th				
No line	8.55	~~74.08~~	65.47	
Curb	8.95		65.07	
1/4	8.00		66.02	
C	7.40		66.62	
1/4	7.25		66.77	
Curb	6.20		67.82	
So line	6.25		67.77	
50 ft. East of 27th				
So line	6.10		67.92	
Curb	6.50		67.52	
1/4	7.05		66.97	
C	6.80		67.22	
1/4	7.10		66.92	
Curb	7.90		66.12	
No line	7.70		66.32	
75 ft East of 27th				
No line	7.20		66.82	

Curb	7.40	74.02	66.62
1/4	6.75		67.27
C	6.40		67.62
1/4	6.45		67.57
Curb	6.20		67.82
So line	6.10		67.92
West line of 28th			
So line	5.40		68.62
Curb	5.60		68.42
1/4	5.70		68.32
C	6.15		67.87
1/4	6.37		67.65
Curb	5.27		68.75
No line	7.65		66.37
Curb West side 28th			
No line	5.10		68.92
Curb	4.20		69.82
1/4	5.90		68.12

C	5.80	74.02	68.22
1/4	5.60		68.42
Curb	5.05		68.97
So line	4.85		69.17
Center line of 28th			
So line	5.00		69.02
Curb	4.72		69.30
1/4	5.20		68.82
C	5.40		68.62
3'	5.90		68.02
1/4	4.90		69.02
Curb	4.90		69.02
No line	4.70		69.32
Curb East side of 28th			
No line	4.50		69.52
Curb	4.60		69.42
1/4	4.70		69.22
2'	5.50		68.52

C	4.86	74.02	69.16
1/4	5.30		68.72
2'	4.10		69.92
Curb	4.10		69.92
So line	4.60		69.42
East line of 28th			
So line	4.60		69.42
Curb	4.40		69.62
2'	4.05		69.97
1/4	5.05		68.97
C	4.80		69.22
2'	5.28		68.74
1/4	4.70		69.32
Curb	4.50		69.52
No line	4.40		69.52
25 ft East of 28th			
No line	3.90		70.02
Curb	4.20		69.82

1/4	4.40	74.02	69.62
2'	4.90		69.12
C	4.35		69.67
2'	4.60		69.32
1/4	3.75		70.27
Curb	4.10		69.92
So line	4.63		69.39
50 ft. East of 28th			
So line	4.15		69.87
Curb	3.45		70.57
2'	3.00		71.02
1/4	4.20		69.82
C	3.80		70.22
2'	4.12		69.90
1/4	3.50		70.52
Curb	3.55		70.47
No line	3.20		70.82

75 ft East of 28th

No line	2.80	74.02	71.22
Curb	3.15		70.87
7½'	3.20		70.82
¼	3.80		70.22
C	3.28		70.74
¼	3.80		70.22
Curb	3.70		70.32
So line	3.65		70.37

100 ft East of 28th

So line	2.90		71.12
Curb	3.00		71.02
¼	3.50		70.52
C	2.95		71.07
¼	3.45		70.57
2'	3.10		70.92
Curb	2.80		71.22
No line	2.40		71.62

125 ft. East of 28th

No line	2.25	74.02	71.77
Curb	2.65		71.37
¼	2.70		71.22
C	2.50		71.42
¼	3.10		70.92
Curb	3.05		70.97
So line	2.55		71.47

150 ft. East of 28th

So line	3.10		70.92
Curb	2.80		71.22
¼	2.60		71.32
C	2.40		71.52
¼	2.50		71.52
Curb	2.40		71.62
No line	1.70		72.32

175 ft East of 28th

No line	1.60		72.42

Curb		2.20	74.02	71.82
1/4		2.30		71.72
C		2.10		71.92
1/4		2.22		71.80
Curb		2.40		71.62
So line		2.30		71.72
	West line of 29th			
So line		2.40		71.62
Curb		2.10		71.92
1/4		2.30		71.72
C		1.75		72.27
1/4		2.05		71.97
Curb		1.92		72.10
No line		1.40		72.62
T. P.	5.40	1.12	78.30	72.90
	Curb West side of 29th			
No line		5.40		72.90
Curb		6.00		72.30

1/4		6.12	78.30	71.18
C		6.00		72.30
1/4		6.45		71.85
3'		5.85		72.45
Curb		6.02		71.28
So line		6.30		72.00
	Center line of 29th			
So line		6.05		71.25
Curb		5.90		72.40
2'		5.60		72.70
1/4		6.20		72.10
C		5.70		72.60
1/4		5.80		72.50
Curb		5.65		72.65
No line		5.20		73.10
	Curb East side of 29th			
No line		4.80		73.50
Curb		5.40		72.90

¼	5.65	78.30	72.65
C	5.50		72.80
¼	5.90		72.40
2'	5.75		72.55
Curb	5.92		72.38
to line	6.10		72.20
East line of 29th			
to line	5.75		72.55
Curb	5.35		72.95
¼	5.30		73.00
C	5.45		72.85
¼	5.50		72.80
Curb	5.30		73.00
to line	4.55		73.75
25 ft East of 29th			
to line	4.82		73.48
Curb	5.25		72.05
¼	5.40		72.90

C	5.30	78.30	73.00
2'	5.60		72.70
¼	4.87		73.43
Curb	5.30		73.00
to line	5.75		72.55
50 ft East of 29th			
to line	5.75		72.55
Curb	5.30		72.00
¼	5.00		73.30
2'	5.55		72.75
C	5.35		72.95
¼	5.12		72.18
Curb	4.95		73.35
to line	4.48		73.82
75 ft. East of 29th			
to line	4.40		73.90
Curb	4.70		73.60
¼	4.85		73.45

C	5.35	78.30	72.95
3	5.60		72.70
1/4	4.95		73.35
Curb	5.20		73.10
So line	5.55		72.75
100 ft. East of 29th			
So line	5.15		73.15
Curb	5.10		73.20
1/4	4.82		73.48
2	5.60		72.70
C	5.25		73.05
1/4	5.02		73.28
Curb	4.45		73.85
No line	4.00		74.30
125 ft. East of 29th			
No line	4.45		73.85
Curb	4.65		73.65
1/4	5.05		73.25

C	5.25	78.30	73.05
1/4	5.20		73.10
Curb	5.60		72.70
So line	5.70		72.60
150 ft. East of 29th			
So line	6.60		71.70
Curb	6.10		72.20
1/4	5.45		72.85
C	5.05		73.25
1/4	5.15		73.15
Curb	5.05		73.25
No line	4.80		74.50
175 ft. East of 29th			
No line	5.37		72.93
Curb	5.60		72.70
1/4	5.20		73.10
C	4.90		73.40
10	5.15		73.15

¼		6.15	78.30	72.15	
Curb		6.65		71.65	
to line		7.20		71.10	
	West line of 28th				
to line		6.90		72.40	
Curb		6.70		71.60	
¼		6.50		71.80	
3'		5.10		73.20	
C		4.95		73.35	
3'		5.05		73.25	
¼		5.80		72.50	
Curb		6.00		72.30	
to line		5.85		72.45	
T. P.	6.14	5.07	~~77.87~~ 79.37	B.M. on tel pole 28th 73.23	
	Center of 28th				
to line		5.60		73.77	
Curb		6.25		73.02	
¼		6.20		73.17	

C		6.10	79.37	73.27	
¼		6.45		72.92	
Curb		6.50		72.87	
to line		6.55		72.82	
	East line 28th				
to line		5.50		73.87	
Curb		5.77		73.60	
¼		5.90		73.47	
C		6.10		72.27	
¼		6.12		93.25	
Curb		6.50		72.87	
to line		6.47		72.90	
	(85) 25 ft. East of 28th				
to line		5.75		73.62	
Curb		5.75		73.62	
¼		5.73		73.64	
C		5.80		73.57	
¼		5.55		73.82	

Curb	5.00	79.37	74.37
No line	4.70		74.67
(110') 50 ft East of 28th			
No line	4.85		74.42
Curb	4.95		74.32
1/4	4.70		74.67
C	5.78		73.59
1/4	5.60		73.77
Curb	5.60		73.77
So line	5.72		73.65
75 ft East of 28th			
So line	5.20		74.17
Curb	5.40		73.97
1/4	5.48		73.89
C	5.57		73.70
1/4	5.00		74.37
Curb	4.88		74.49
No line	4.73		74.54

100 ft East of 28th			
No line	4.78	79.37	74.59
Curb	4.80		74.57
1/4	4.85		74.52
C	5.27		74.10
1/4	5.20		74.17
Curb	5.40		73.97
So line	4.95		74.32
(185) 125 East of 28th			
So line	5.15		74.22
Curb	5.58		73.79
1/4	5.12		74.25
C	5.16		74.27
1/4	4.90		74.47
Curb	4.95		74.42
No line	4.58		74.79
(240) 150 ft East of 28th			
No line	4.42		74.95

Curb	4.80	79.37	74.57
1/4	5.10		74.27
C	5.10		74.27
1/4	5.10		74.27
Curb	5.55		73.82
So line	5.15		74.22

(235) 175 ft. East of 28th

So line	4.75	74.62
Curb	5.20	74.17
1/4	5.25	74.12
C	5.05	74.32
1/4	5.10	74.27
Curb	4.83	74.54
No line	4.12	75.25

(260) 200 ft. East of 28th

No line	4.70	74.67
Curb	5.05	74.32
1/4	5.20	74.17

C	5.15	79.37	74.22
1/4	5.30		74.07
Curb	5.25		74.12
So line	5.02		74.35

(285) 225 East of 28th

So line	5.50	73.87
Curb	5.45	73.92
1/4	5.40	73.97
C	5.10	74.27
1/4	5.30	74.07
Curb	5.22	74.15
No line	5.00	74.37

250 ft. East of 28th

No line	5.45	73.92
Curb	5.54	73.85
1/4	5.60	73.77
C	5.15	74.22
1/4	5.35	74.02

Curb	5.45	79.37	73.92
So line	6.00		73.37
(335) 275 East of 28th			
So line	6.40		72.97
Curb	5.80		73.57
¼	5.78		73.59
C	5.25		74.12
¼	5.80		73.57
Curb	5.72		73.65
No line	5.60		73.77
(360) 300 ft. East of 28th			
No line	5.30		74.07
Curb	5.40		74.97
¼	5.90		73.47
C	5.50		73.87
¼	6.05		73.32
Curb	6.40		73.97
So line	6.70		72.67

(385) 325 ft. East of 28th			
So line	6.25	79.37	73.12
Curb	6.30		73.07
¼	6.15		73.22
C	5.80		74.57
¼	5.65		73.72
Curb	4.95		74.42
No line	4.95		74.42
(410) 350 ft. East of 28th			
No line	5.05		74.32
Curb	5.00		74.37
¼	5.50		73.87
C	5.90		73.47
¼	6.15		73.22
Curb	6.05		73.32
So line	6.10		73.27
(435) 375 ft. East of 28th			
So line	6.30		73.07

Curb		6.30	79.37	73.07
¼		6.10		73.27
C		5.85		73.52
¼		6.00		73.37
Curb		5.10		74.27
No line		5.20		74.17
(460) 400 ft. East of 28th				
No line		5.30		74.07
Curb		5.10		74.27
¼		6.00		73.37
C		5.93		74.44
¼		6.60		72.77
Curb		6.45		72.92
So line		6.15		73.22
(485) 425 ft East of 28th				
So line		6.65		73.32
Curb		6.80		72.57
¼		6.55		72.72

C		5.90	79.37	73.47
¼		6.32		73.05
Curb		5.60		73.77
No line		5.52		73.75
T. P.	5.23	6.76	77.84	72.61
(510) 450 ft. East of 28th				
No line		4.12		73.72
Curb		4.50		73.34
¼		5.00		72.84
C		4.55		73.29
¼		5.40		72.44
Curb		5.25		72.69
So line		4.30		73.54
(535) 475 ft. East of 28th				
So line		4.50		73.34
Curb		5.50		72.34
¼		5.52		72.32
C		4.75		73.09

1/4	5.05	77.84 ~~79.37~~	72.79
Curb	4.62		73.22
No line	4.48		73.36
(560)	500 ft. East of 28th		
No line	4.70		73.14
Curb	5.05		72.89
1/4	5.35		72.49
C	4.90		72.94
1/4	5.75		72.09
Curb	6.47		71.37
So line	5.70		72.14
(585)	525 ft East of 28th		
So line	7.00		70.84
Curb	6.30		71.54
1/4	6.00		71.84
C	5.05		72.79
1/4	5.48		71.36
Curb	5.00		72.84

No line	4.85	77.84 ~~79.37~~	72.99
(616.8)	556 ft. East of 28 = WL of 29th		
No line	5.30		72.54
Curb	5.25		72.59
1/4	5.52		72.32
C	5.08		72.76
1/4	6.10		71.74
Curb	6.75		71.09
So line	7.30		70.54
	Center line of 29th		
So line	7.10		70.74
Curb	6.85		70.99
1/4	6.70		71.04
C	5.45		72.39
1/4	5.85		71.99
Curb	5.60		72.24
No line	5.55		72.29

Curb East side 29th

No line		5.55	~~77.37~~ 77.84	72.29
Curb		5.95		71.89
1/4		6.10		71.74
C		5.55		72.29
1/4		6.72		71.12
Curb		7.20		70.64
So line		7.60		70.24

East line of 29th

So line		7.20		70.64
Curb		7.10		70.74
1/4		6.70		71.14
C		5.52		72.32
1/4		6.10		71.74
Curb		5.80		72.04
No line		5.35		72.59 B.M. on 7th pole
T.P.	4.79	6.10	76.53	29th 71.74

25 ft East of 29th

No line		4.35	~~79.37~~ 76.53	72.18
Curb		4.82		71.71
1/4		4.75		71.78
C		4.20		72.33
1/4		5.15		71.38
Curb		5.70		71.83
So line		6.00		70.53

50 ft. East of 29th

So line		5.50		71.03
Curb		5.60		71.93
1/4		5.20		71.33
C		4.40		72.13
1/4		4.80		71.73
Curb		4.95		71.58
No line		4.35		72.18

75 ft. East of 29th

No line		4.60		71.93

Curb	5.20	76.53	71.33
¼	5.00		71.53
C	4.40		72.13
¼	5.40		71.13
Curb	5.65		70.88
So line	5.90		70.63
100 ft. East of 29th			
So line	5.25		71.28
Curb	6.05		70.48
¼	5.45		71.08
C	4.90		72.63
¼	5.40		71.13
Curb	5.57		70.96
No line	4.92		72.61
125 ft. East of 29th			
No line	5.30		71.23
Curb	6.00		70.53
¼	5.80		70.73

C	5.00	76.53	71.53
¼	6.00		70.53
Curb	6.05		70.48
So line	5.80		70.73
150 ft. East of 29th			
So line	4.75		71.78
Curb	5.35		70.18
¼	5.72		70.81
C	5.05		71.48
¼	5.80		70.73
Curb	5.56		71.03
7'	4.75		71.78
No line	4.75		71.78
175 ft. East of 29th			
No line	4.70		71.83
7'	4.70		71.83
Curb	5.70		70.83
¼	5.52		71.01

C	4.83	76.53	71.70
¼	5.35		71.18
Curb	5.02		71.51
So line	4.78		71.75
200 ft. East of 29th			
So line	4.70		71.83
Curb	4.70		71.83
¼	4.90		71.63
C	4.75		71.78
¼	5.20		71.33
Curb	5.35		71.18
7'	4.65		71.88
No line	4.65		71.88
225 ft. East of 29th			
No line	4.85		71.68
7	4.80		71.73
Curb	5.00		71.53
¼	4.83		71.70

C	4.45	76.53	72.08
¼	4.52		72.01
Curb	4.32		72.21
So line	4.15		72.38
250 ft. East of 29th			
So line	3.88		72.65
Curb	4.05		72.48
¼	4.35		72.18
C	4.15		72.38
¼	4.70		71.83
Curb	4.90		71.63
No line	4.70		71.83
275 ft. East of 29th			
No line	4.35		72.18
Curb	4.55		71.98
¼	4.35		71.18
C	4.05		71.48
¼	4.12		72.41

Curb		3.91	76.53	72.62
So line		3.88		72.65
300 ft East of 29th				
So line		3.70		72.83
Curb		3.93		72.60
1/4		4.05		71.48
C		3.90		72.63
1/4		4.42		72.11
Curb		4.41		72.12
No line		4.35		72.18
T. P.	6.28	4.28	78.53	72.25
325 ft East of 29th				
No line		6.32		72.21
Curb		6.30		72.23
1/4		6.15		72.38
C		5.65		72.88
1/4		5.85		72.68
Curb		5.62		73.91

So line		5.60	78.53	72.93
350 ft East of 29th				
So line		5.20		73.33
Curb		5.52		73.01
1/4		5.65		72.88
C		5.30		73.23
1/4		6.05		72.48
Curb		6.20		72.33
No line		6.15		72.38
375 ft East of 29th				
No line		6.05		72.48
Curb		5.80		72.73
1/4		5.60		72.93
C		5.25		73.28
1/4		5.55		72.98
Curb		5.20		73.33
So line		5.10		73.43

400 ft East of 29th

So line	4.60	78.53	73.93
Curb	4.80		73.73
1/4	5.25		73.28
C	5.15		73.38
1/4	5.65		72.88
Curb	5.60		72.93
No line	5.68		72.85

425 ft East of 29th

No line	5.65		72.88
Curb	5.75		72.78
1/4	5.45		73.08
C	4.92		73.61
1/4	5.55		72.98
& 2'	4.75		73.78
Curb	4.50		74.03
So line	4.20		74.33

450 ft. East of 29th

So line	4.35	78.53	74.18
Curb	4.45		74.08
1/4	4.50		74.03
& 2'	5.25		73.28
C	4.75		73.78
1/4	5.40		73.13
Curb	5.65		72.88
No line	5.62		72.91

475 ft East of 29th

No line	5.37		73.16
Curb	5.08		73.45
1/4	5.05		73.48
C	4.70		73.83
1/4	5.10		73.43
& 2'	3.95		74.58
Curb	3.90		75.63
So line	4.28		74.25

500 ft East of 29th

So line	4.35	78.53	74.18
Curb	4.30		74.23
72'	4.55		73.98
1/4	5.00		73.53
C	4.50		74.03
1/4	4.65		73.88
Curb	4.90		73.63
No line	5.18		73.35

525 ft. East of 29th

No line	5.00	73.53
Curb	4.80	73.73
1/4	4.67	73.86
C	4.15	74.38
1/4	4.70	73.83
2'	4.25	74.28
Curb	4.21	74.32
So line	3.95	74.58

550 ft. East of 29th

So line	3.70	78.53	74.83
Curb	3.32		75.21
72'	3.70		74.83
1/4	4.45		74.08
C	4.00		74.53
1/4	4.40		74.13
Curb	4.30		74.23
No line	4.45		74.08

575 ft East of 29th

No line	4.32	74.21
Curb	3.90	74.63
1/4	4.20	74.33
C	4.00	74.53
1/4	4.12	74.41
Curb	3.70	74.83
So line	3.60	74.93

West line of 30th

So line	3.60	78.53	74.93
Curb	3.50		75.03
1/4	3.75		74.78
C	3.90		74.63
1/4	3.90		74.63
Curb	4.00		74.53
No line	4.08		74.45

Curb West side of 30th

No line	3.90	74.63
Curb	3.81	74.72
1/4	3.96	74.67
C	3.80	74.73
1/4	3.70	74.83
Curb	3.55	74.98
So line	3.30	75.23

Center of 30th

So line	3.20	78.53	75.33
Curb	3.12		75.41
1/4	3.20		75.33
C	3.46		75.07
1/4	3.72		74.81
Curb	3.73		74.80
No line	3.60		74.93

Curb East side of 30th

No line	3.85	74.68
Curb	3.52	75.01
1/4	3.42	75.11
2'	3.73	74.80
C	3.48	75.05
1/4	3.40	75.13
2'	2.42	76.11
Curb	2.52	76.01
So line	2.53	76.00

East line of 30th

S. line		2.38	78.53	76.15
Curb		2.22		76.31
2'		2.30		76.23
¼		3.50		75.03
C		3.30		75.23
2'		3.85		74.68
½		3.15		75.38
Curb		3.50		75.03
N. line		3.55		74.98
T. P. 8/19/61	4.43	1.96	81.00	on nozzle of Hydt. S.W. cor 30th 76.57

East line 30th

N. line		6.10		74.90
Curb		6.00		
¼		5.67		
2		6.37		
C		5.75		

76.57
4.43
81.00

¼		6.10	81.00	
4		4.76		
Curb		4.67		
S. line		4.68		

25 ft. E. of E. line 30th

S. line		4.53		76.47
Curb		4.70		76.30
10'		4.57		76.43
1'		5.83		75.17
¼		5.83		75.17
C		5.60		75.40
11'		6.38		74.62
¼		5.60		75.40
Curb		5.60		75.40
N. line		5.63		75.37

50 ft. E. of E. line 30th

N. line		5.67		75.33
Curb		5.47		75.53

1/4	5.43	81.00	75.57
1'	5.90		75.10
C	5.34		75.64
1/4	5.77		75.23
2'	5.63		75.37
3'	4.67		76.33
Curb	4.45		76.55
S. line	4.42		76.58
75 ft. E. of E. line 30th			
S. line	4.17		76.83
Curb	4.07		76.93
3'	4.46 5.20		76.54 75.80
1/4	5.63		75.37
C	5.20		75.80
2'	5.86		75.14
1/4	5.16		75.84
Curb	5.33		75.67
N. line	5.50		75.50

100 ft. E. of E. line 30th			
N. line	5.65	81.00	75.35
Curb	5.04		75.96
1/4	4.67		76.33
2'	5.61		75.39
Center	5.08		75.92
1/4	5.53		75.47
2'	5.60		75.40
4'	4.58		76.42
Curb	4.60		76.40
S. line	4.18		76.82
125 ft. E. of E. line 30th			
S. line	4.15		76.85
Curb	3.83		77.17
9'	4.18 5.63		76.82 75.37
1/4	5.53		75.47
Center	4.87		76.13
11'	5.30		75.70

¼	4.98	81.00	76.02
Curb	5.37		75.63
N. line	5.67		75.33
150 ft. E. of E. line 30th.			
N. line	5.55		75.45
Curb	5.40		75.60
¼	5.20		75.80
Center	4.70		76.30
¼	5.34		75.66
2'	5.20 5.50		75.80 75.50
Curb	3.95		77.05
S. line	3.43		77.57
175 ft. E. of E. line 30th			
S. line	3.95		77.05
Curb.	4.10		76.90
10'	3.83 4.80		77.17 76.20
¼	4.91		76.09
Center	4.43		76.57

¼	5.25	81.00	75.75
Curb	5.14		75.86
N. line	5.41		75.59
200 ft. E. of E. line 30th.			
N. line	5.37		75.63
7'	4.98		76.02
Curb	5.33		75.67
¼	4.96		76.04
Center	4.30		76.70
¼	4.57		76.43
Curb.	5.05		75.95
S. line	4.80		76.20
225 ft. E. of E. line 30th			
S. line	5.37		75.63
Curb	5.30		75.70
9'	5.32		75.68
¼	4.43		76.57
Center	4.16		76.84

¼		5.00	81.00	76.00
Curb		5.26		75.74
N. line		4.70		76.30
	250 ft. E. of E. line 30th			
N. line		4.08		76.92
3'		3.73		77.27
Curb.		4.65		76.35
¼		4.71		76.29
Center		4.17		76.83
¼		4.58		76.42
Curb		5.43		75.57
S. line		5.38		75.62
	275 ft. E. of E. line of 30th			
S. line		5.44		75.56
Curb		5.14		75.60
¼		4.53		76.47
Center		4.20		76.80
12'		4.37 3.45		76.63 77.55

¼		3.40	81.00	77.60
Curb		4.33		76.67
N. line		4.33		76.67
	300 ft. E. of E. line of 30th			
N. line		4.08		76.92
Curb.		4.03		76.97
12'		3.43		77.57
¼		4.50		76.50
Center		4.25		76.75
¼		4.60		76.40
2'		4.57		76.43
4'		3.65		77.35
Curb		4.02		76.98
S. line		5.07		75.93
	325 ft. E. of E. line 30th			
S. line		4.08		76.92
Curb.		3.85		77.15
9'		3.83		77.17

3'	4.77	81.00	76.23
1/4	4.68		76.32
Center	3.27		77.73
12'	4.62		76.38
1/4	3.53		77.47
Curb	3.62		77.38
N. line	3.70		77.30
350 ft E. of E. line 30th.			
N. line	4.63		76.37
Curb	4.62		76.38
12'	3.93		77.07
1/4	4.53		76.47
Center	4.33		76.67
1/4	4.85		76.15
2'	4.77 3.85		76.23 77.15
Curb	3.45		77.55
S. line	3.35		77.65

375 ft E. of E. line 30th.			
S. line	5.40	81.00	75.60
Curb	5.20		75.80
1/4	5.05		75.95
Center	4.36		76.64
1/4	4.90		76.10
5'	4.36		76.64
Curb	4.77		76.23
N. line	4.90		76.10
400 ft. E. of E. line 30th.			
N. line	4.70		76.30
Curb	3.20		77.80
3'	2.65		78.35
11'	3.30		77.70
1/4	4.38		76.62
Center	4.63		76.37
1/4	5.13		76.87
Curb	5.55		75.45
S. line	5.75		75.25

425 ft E of E. line 30th

S. line		5.74	81.00	75.26
Curb		5.80		75.20
¼		5.20		75.80
Center		4.73		76.27
12'		4.83		76.17
¼		4.04		76.96
Curb		3.90		77.10
N. line		4.60		76.40
T. P.	2.79	3.78	80.01	77.22

450 ft E. of E. line 30th

N. line		2.95		77.05
Curb		1.33		78.67
10'		2.30		77.70
11'		3.75		76.25
¼		4.00		76.00
Center		3.70		76.30
¼		4.23		75.77
Curb		4.87		75.13

81.00
3.78
77.22

77.22
2.79
80.01

S. line		4.80	~~81.00~~ 80.01	75.21

475 ft E of E. line 30th

S. line		4.87		75.14
Curb		4.60		75.41
¼		4.50		75.51
Center		3.60		76.41
¼		4.07		75.94
Curb		3.50		76.51
N. line		4.05		75.96

500 ft E. of E. line 30th

N. line		4.10		75.91
Curb		3.97		76.04
¼		4.00		76.01
Center		3.60		76.41
¼		4.05		75.96
9'		3.43		76.58
11'		4.40		75.61
Curb		4.40		75.61

S. line	4.70	80.00	75.31
525 ft E. of E. line 30th.			
S. line	4.83		75.18
Curb	4.88		75.13
1/4	4.30		75.71
Center	3.65		76.36
1/4	4.10		75.91
Curb	2.40		77.61
N. line	3.53		76.48
550 ft. E. of the E. line 30th			
N. line	3.33		76.68
Curb	3.55		76.46
1/4	4.30		75.71
Center	3.84		76.17
1/4	4.40		75.61
Curb	5.15		74.86
S. line	4.67		75.34

575 ft E. of E. line 30th			
S. line	4.35	80.00	75.66
Curb	4.05		75.96
6'	4.50		75.51
1/4	4.54		75.47
Center	3.92		76.09
1/4	4.30		75.71
Curb	2.90		77.11
N. line	3.50		76.51
West line 31st			
N. line	3.80		76.21
Curb	4.10		75.91
1/4	4.37		75.64
Center	3.88		76.13
1/4	4.50		75.51
8'	4.83		75.18
Curb	4.44		75.57
S. line	4.20		75.81

Curb, West side 31st.

S. line		4.20	80.01	75.81
Curb		4.13		75.88
1/4	2	4.37		75.64
Center	3	3.83		76.18
1/4		4.35		75.66
Curb		4.05		75.96
N. line		3.80		76.21

Center 31st

N. line		3.43		76.58
Curb		3.43		76.58
1/4		3.87 4.40		76.14 75.61
Center		4.04		75.97
1/4		4.35		75.66
4'		4.23		75.78
6'		3.35		76.66
Curb		2.80		77.21
S. line		3.55		76.46

Curb East side 31st.

S. line		4.20	80.01	75.81
Curb		4.13		75.88
1/4		4.40		75.61
Center		4.25		75.76
12'		4.20		75.81
1/4		3.27		76.74
Curb		3.35		76.66
N. line		3.20		76.81

East line 31st

N. line		2.80		77.21
Curb		3.07		76.94
11'		3.25		76.76
1/4		4.17		75.84
Center		4.14		75.87
1/4		4.45		75.56
Curb		4.30		75.71
S. line		4.62		75.39

25 ft E. of E. line 31st.

S. line	4.97	80.01	75.04
Curb	4.63		75.38
1/4	4.50		75.51
Center	4.18		75.83
1/4	4.42		75.59
4'	2.68		77.31
Curb	3.17		76.84
N. line	2.83		77.18

50 ft E. of E. line 31st.

N. line	2.85	77.16
Curb	3.00	76.01
11'	2.39	79.62
1/4	4.13	75.88
Center	4.15	75.86
1/4	4.65	75.36
Curb	4.77	75.24
S. line	4.57	75.44

75 ft E. of E. line 31st.

S. line	4.97	80.01	75.04
Curb	5.00		75.01
1/4	4.60		75.41
Center	4.25		75.76
11'	4.33		75.68
1/4	2.70 4.00		78.31 76.01
Curb	3.10		76.91
N. line	2.83		77.18

100 ft. E. of E. line 31st.

N. line	2.33	77.68
Curb	2.76	77.25
12'	2.98	77.13
1/4	4.43	75.58
Center	4.34	75.67
1/4	4.50	75.51
Curb	5.23	74.78
S. line	5.02	74.99

125 ft E. of E line 31st.

S. line	5.13	80.01	74.88
Curb	5.27		74.74
1/4	4.60		75.41
Center	4.47		75.54
11'	4.54		75.47
1/4	4.02		75.99
Curb	3.00		77.01
N. line	2.70		77.31

150 ft E. of E. line 31st.

N. line	2.97		77.04
Curb	3.56		76.45
1/4	4.70		75.31
Center	4.40		75.61
1/4	4.63		75.38
Curb	5.22		74.79
S. line	5.13		74.88

175 ft E. of E line 31st.

N. line	4.23	80.01	75.78
Curb	4.67		75.34
1/4	5.10		74.91
Center	3.96		76.05
1/4	4.50		75.51
Curb	4.98		75.03
S. line	5.02		74.99

200 ft E. of E. line 31st

S. line	4.33	75.68
Curb	4.90	75.11
1/4	4.30	75.71
Center	3.94	76.07
1/4	4.96	75.05
Curb	4.87	75.14
N. line	4.80	75.21

225 ft E of E. line 31st.

N. line	4.70	75.31
Curb	4.93	75.08

1/4	3.67	80.01	76.34
Center	3.85		76.16
1/4	3.90		76.11
Curb	4.10		75.91
S. line	3.93		76.08
250 ft E. of E. line 31st.			
S. line	4.05		75.96
Curb	4.40		75.61
1/4	4.05		75.96
Center	3.73		76.28
1/4	4.23		75.78
Curb	4.83		75.18
N. line	4.65		75.36
275 ft. E. of E. line 31st.			
N. line	4.60		75.41
Curb	4.60		75.41
1/4	4.60		75.41
Center	3.55		76.46

1/4	3.83	80.01	76.18
Curb	4.10		75.91
S. line	4.00		76.01
300 ft E. of E. line 31st.			
S. line	3.52		76.49
Curb	3.35		76.66
1/4	3.67		76.34
Center	3.53		76.48
1/4	4.20		75.81
Curb	4.45		75.56
N. line	3.75		76.26
325 ft E. of E. line 31st.			
N. line	3.46		76.55
Curb	4.00		76.01
1/4	4.05		75.96
Center	3.24		76.77
1/4	3.63		76.38
Curb	3.67		76.34

S. line		3.60	80.01	76.41
350 ft E. of E. line 31st.				
S. line		1.75		78.26
Curb		2.46		77.55
1/4		3.40		76.61
Center		3.20		76.81
1/4		3.75		76.26
Curb		3.70		76.31
N. line		3.42		76.59
375 ft E. of E. line 31st.				
N. line		3.35		76.66
Curb		3.64		76.37
1/4		3.50		76.51
Center		3.07		76.94
1/4		3.45		76.56
4'		3.17 1.56		76.84 78.51
Curb		1.45		78.56
S. line		1.00		79.01

80.01
3.50
76.51
2.41
78.92

T. P.	2.41	3.50	78.92	76.51
400 ft. E. of E. line 31st.				
N. line		2.33		76.61
Curb		2.23		76.69
1/4		2.17		76.75
Center		1.93		76.99
1/4		2.34		76.58
3'		2.20		76.72
5'		0.0		78.92
Curb		0.25		78.67
S. line		0.47		78.45
425 E. of E. line 31st.				
S. line		1.40		77.52
Curb		1.65		77.27
5'		1.75		77.15
9'		2.60		76.32
1/4		2.67		76.25
Center		2.24		75.68

1/4	2.00	78.92	76.92
Curb	1.71		77.21
N. line	1.88		77.04
450 ft E. of C. line 31st.			
N. line	1.07		77.85
Curb	0.94		77.98
1/4	1.80		77.12
Center	2.47		76.45
1/4	2.90		76.02
2'	2.90		76.02
4'	1.33		77.59
Curb	1.37		77.55
S. line	1.60		77.32
475 ft E. of C. line 31st.			
S. line	1.43		77.49
Curb.	1.37		77.55
10'	1.57 3.16		77.35 75.82
1/4	3.25		75.67

Center	2.87	78.92	76.05
1/4	2.70		76.22
2'	2.43		76.49
3'	1.80		77.12
Curb	1.90		77.02
N. line	2.04		76.88
500 ft E. of C. line 31st.			
N. line	2.08		76.84
Curb	1.20		77.72
11'	1.47 3.83		77.45 75.09
1/4	4.12		74.80
Center	3.90		75.02
1/4	3.98		74.94
2'	3.98 1.67		74.94 77.25
Curb	1.60		77.32
S. line	1.47		77.45
525 ft. E. of C. line 31st.			
S. line	2.04		76.88

Curb	1.95	78.92	76.97
9'	1.90		77.02
11'	5.53		73.39
¼	5.53		73.39
Center	5.13		73.79
¼	5.35		73.57
2'	4.90 3.00		74.02 75.92
6'	1.40		77.52
Curb	1.55		77.37
N. line	2.31		76.61
550 ft. E. of E. line 31st.			
N. line	1.91		77.01
Curb	1.92		77.00
7'	2.13		76.79
11'	4.40 6.30		74.52 72.62
¼	6.80		72.12
Center	6.90		72.02
¼	7.13		71.79

¼			
11'	7.10	78.92	71.82
5'	1.55		76.37
Curb.	2.27		76.65
S. line	2.70		76.22
575 ft. E. of E. line 31st.			
S. line	3.15		75.77
Curb	2.47		76.45
7'	2.34		76.58
11'	8.00		70.92
¼	8.60		70.32
Center	8.47		70.45
¼	8.43		70.49
2'	7.87		71.05
4'	3.70		75.22
8'	2.23		76.69
Curb	2.24		76.68
N. line	2.35		76.57

West line 32nd

N. line		2.58	78.92	75.34
Curb.		3.13		75.79
5'		3.53		75.39
10'		9.70		69.22
1/4		9.75		69.17
Center		9.70		69.22
1/4		9.77		69.15
7'		3.52		75.40
Curb		3.70		75.22
S. line		4.17		74.75

Curb, West side 32nd

S. line		4.20		74.72
Curb		3.84		75.08
7'		3.95		74.97
1/4		10.00		68.92
Center		10.17		68.75
1/4		10.35		68.57
3'		10.35		68.57

~~6~~ 78.92
9.05
69.87
6.56
~~6~~ 76.43

2'		3.83	78.92	75.09
Curb		3.34		75.58
N. line		3.10		75.82

Center 32nd

N. line		1.87		77.05
8'		2.77		76.15
Curb		7.30		71.62
4'		10.80		68.12
1/4		11.40		67.52
Center		11.10		67.82
8'		10.75		68.17
1/4		On slope		
2'		4.00		74.92
Curb		4.20		74.72
S. line		4.43		74.49
T. P.	6.56	9.05	76.43	69.87

Curb, E. side 32nd

S. line		2.00	76.43	74.43
Curb		1.83		74.60
1/4		2.10		74.33
3'		2.35		74.08
11'		9.90		66.53
Center		10.00		66.43
1/4		10.13		66.30
Curb		10.15		66.28
3'		9.50		66.93
10'		0.75		75.68
N. line		0.40		76.03
	East line 32nd			
N. line		1.85		74.58
8'		10.25		66.18
Curb		10.70		65.73
1/4		10.57		65.86
Center		10.13		66.30
8'		2.40		74.03

1/4		2.25	76.43	74.18	76.43 2.54 73.89
Curb		1.95		74.48	6.83 80.72
S. line		2.17		74.26	4.68 76.04
T. P.	6.83	2.54	80.72	73.89	4.84 80.88
T. P.	4.84	4.68	80.88	76.04	4.30 76.58
B. M.		4.30		76.58 Chk	Nozzle hydrant 30th + M

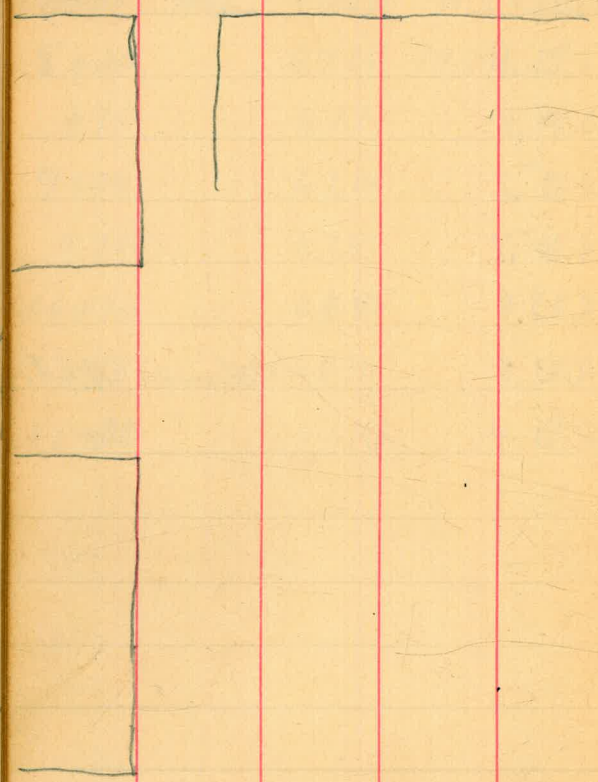
Culvert on M St.
Dec. 19 1905

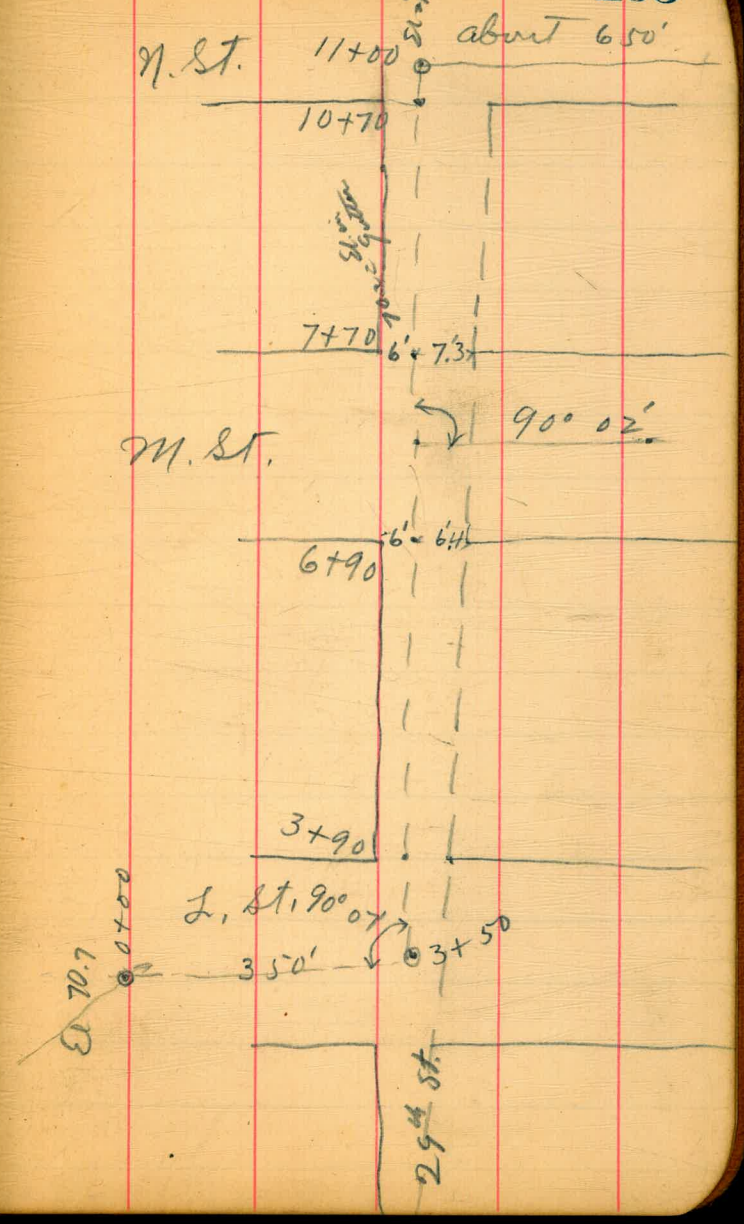
Lt. 29 & 30th

Childs
Brooks
Hawkins

Sta.	Grade	H.I.	Rod	Elev.	cut	
0+00	68.0	79.49	8.8	70.7	2.7	
+50	67.95		8.4	71.1	3.1	
1+00	67.9		7.9	71.6	3.7	
+50	67.85		7.4	72.1	4.2	
2	67.8		6.8	72.7	4.9	
+50	67.75		6.2	73.3	5.5	
3	67.7		5.2	74.3	6.6	
+50	67.65		4.2	75.3	7.6	Center L. St.
+90	67.6		4.5	75.0	7.4	So. line L.
4+40	67.55		5.4	74.1	6.5	
+90	67.5		5.1	74.4	6.9	
5+40	67.45		6.1	73.4	5.9	
+90	67.4		5.8	73.7	6.3	
6+40	67.35		4.8	74.7	7.3	
+90	67.3		7.3	72.2	4.9	North Line M.
				71.2	gutter 3.9	
7+30	67.25		8.0	71.5	4.2	center M.
				70.2	gutter 3.0	
+70	67.2		8.3	71.2	4.0	So line M.

Sta	~~H.I.~~	Grade	H.I.	Rod	Elev	cut	
8+20		67.15	79.49	9.5	70.0	2.8	
+70		67.1		8.6	70.9	3.8	
9+20		67.05		7.2	72.3	5.2	
+70		67.0		6.8	72.7	5.7	
10+20		66.95		8.7	70.8	3.8	
+70		66.9		8.8	70.7	3.8	Notice N.St.
11+00		66.85		9.2	70.3	3.4	




N. St.
11+00
about 650'
10+70
7+70
6' 7.3'
90° 02'
M. St.
6' 6.4'
6+90
3+90
L. St. 90° 07'
3+50
3 50'
0+00
El 70.7
29th St.

370

173

Return to City Engineers Office
City Hall, San Diego, Cal.

74.27
5.22
79.49

702
67.2

67.7 .5

~~67~~
~~70~~ 68.0
67.2
.8

7.70) .800 (.10
770
3000
795
66.8
12.7

Table showing the difference of latitude and departure in running 80 chains at any course from 1 to 60 minutes.

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07