Cross-section of 5th St. from "B" to Juniper
Page 2 to 8

Cross-section of 3rd St. from "D" to "E" Streets
Page 9 to 12

Cross section of Gutter on Fir St. from 5th to India St.
Page 15 to 37

400
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LEVEL

Levels along the Center line of Olive Street, from 3rd. to 4th. Streets
Page 38-39

Cross-section of 18th St. from "D" to "N" Sts.
Page 40 to 80

F.B. 117

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	2 1/3	21	49	41	95 2/3
2	4 2/3	22	51 1/3	42	98
3	7	23	53 2/3	43	100 1/3
4	9 1/3	24	56	44	102 2/3
5	11 2/3	25	58 1/3	45	105
6	14	26	60 2/3	46	107 1/3
7	16 1/3	27	63	47	109 2/3
8	18 2/3	28	65 1/3	48	112
9	21	29	67 2/3	49	114 1/3
10	23 1/3	30	70	50	116 2/3
11	25 2/3	31	72 1/3	51	119
12	28	32	74 2/3	52	121 1/3
13	30 1/3	33	77	53	123 2/3
14	32 2/3	34	79 1/3	54	126
15	35	35	81 2/3	55	128 1/3
16	37 1/3	36	84	56	130 1/3
17	39 2/3	37	86 1/3	57	133
18	42	38	88 2/3	58	135 1/3
19	44 1/3	39	91	59	137 2/3
20	46 2/3	40	93 1/3	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
o		o		o		o	
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

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Cross-section of 5th st from B to Juniper

25' South of ash (80.55)

E. Gutter	4.5	76.05
3'	4.6	75.95
5'	3.9	76.65
1/4	3.9	76.65
16 1/2	3.9	76.65
16 1/2	4.1	76.45
1/4	4.2	76.35
5'	4.6	75.95
W. Gutter	5.1	75.45

50' South of ash

W. Gutter	5.7	74.85
3'	5.6	74.95
5'	5.1	75.45
1/4	4.9	75.65
16 1/2	4.7	75.85
16 1/2	4.6	75.95
1/4	4.8	75.75
6'	5.0	75.55
5'	5.4	75.15
E. Gutter	5.5	75.05

75' South of ash

E. Gutter	4.7	75.85
4'	6.4	74.15
5'	5.7	74.85
1/4	5.7	74.85
16 1/2	5.6	74.95
16 1/2	5.7	74.85
1/4	5.8	74.75
5'	6.0	74.55
W. Gutter	6.5	74.05

100' South of ash

W. Gutter	7.4	73.15
5'	6.8	73.75
1/4	6.6	73.95
16 1/2	6.5	74.05
16 1/2	6.3	74.25

1/4	6.4	74.15
7'	6.3	74.25
5'	6.9	73.65
E. Gutta	6.7	73.85
	125' South of Ash	
E. Gutta	7.7	72.85
5'	7.7	72.85
7'	7.1	73.45
1/4	7.2	73.35
16½	7.3	73.25
16½	7.3	73.25
1/4	7.4	73.15
5'	7.5	73.05
W. Gutta	7.9	72.65
	150' South of ash	
W. Gutta	8.4	72.15
4'	8.8	71.75
5'	8.7	71.85
7'	8.3	72.25
1/4	8.1	72.45
16½	8.1	72.45
16½	8.2	72.35
1/4	8.0	72.55
8'	8.0	72.55
5'	8.6	71.95
E. Gutta	8.5	72.05
	175' South of ash	
E. Gutta	9.5	71.05
5'	9.3	71.25
7'	8.9	71.65
1/4	8.9	71.65
16½	8.9	71.65
16½	8.9	71.65
1/4	8.9	71.65
5'	9.0	71.55
3.5'	9.5	71.05

W. Gutter	9.3		71.25
200' South of Ash			
W. Gutter	10.5		70.05
5'	10.1		70.45
1/4	9.9		70.65
16 1/2	9.8		70.75
16 1/2	9.7		70.85
1/4	9.8		70.75
6'	10.0		70.55
E. Gutter	10.2		70.35
225' South of Ash			
E. Gutter	10.8		69.75
5'	10.6		69.95
1/4	10.4		70.15
16 1/2	10.4		70.15
16 1/2	10.5		70.05
1/4	10.6		69.95
5'	11.0		69.55

W. Gutter	11.2			69.35
T. P.	1.30	10.92	70.93	69.63
250' South of Ash				
W. Gutter	1.8			69.13
5'	2.1			68.83
1/4	1.8			69.13
16 1/2	1.6			69.33
16 1/2	1.5			69.43
1/4	1.5			69.43
6'	1.6			69.33
5'	2.1			68.83
E. Gutter	2.1			68.83
275' South of Ash				
E. Gutter	3.0			67.93
5'	2.5			68.43
1/4	2.3			68.63
16 1/2	2.3			68.43
16 1/2	2.3			68.63

1/4	2.2	68.73
5'	2.4	68.53
W. Gutter	2.8	68.13
North line a		
W. Gutter	3.8	67.13
5'	3.3	67.63
1/4	3.1	67.83
16 1/2	3.1	67.83
16 1/2	3.0	67.93
1/4	3.0	67.93
5'	3.2	67.73
E. Gutter	3.6	67.33
Curb North side of a		
E. line 5th	3.2	67.73
Gutter	4.0	66.93
5'	3.9	67.03
1/4	3.4	67.53
16 1/2	3.4	67.53
16 1/2	3.5	67.43
1/4	3.5	67.43
5'	3.8	67.13
Gutter	4.4	66.63
W. line 5th	4.2	66.73
1/4 North side of a		
W. line 5th	4.6	66.33
Gutter	4.4	66.53
5'	4.2	66.73
1/4	4.2	66.73
16 1/2	4.0	66.93
16 1/2	3.9	67.03
1/4	3.9	67.03
5'	3.9	67.03
Gutter	4.2	66.73
E. line 5th	3.4	67.53
Center of a		
E. line 5th	3.7	67.23

Gutter	4.8	66.13
5'	4.2	66.73
1/4	4.3	66.63
16 1/2	4.2	66.73
16 1/2	4.3	66.63
1/4	4.4	66.53
5'	4.6	66.33
Gutter	4.7	66.23
W. line St	4.6	66.33
1/4 South side of a		
W. line St	5.4	65.53
Gutter	5.1	65.83
5'	5.0	65.93
1/4	4.8	66.13
16 1/2	4.6	66.33
16 1/2	4.6	66.33
1/4	4.7	66.23
5'	4.1	66.23

Gutter	5.2	65.73
E. line St	4.3	66.63
Cent South side of a		
E. line St	5.0	65.93
Gutter	5.6	65.33
5'	5.2	65.73
1/4	5.1	65.83
16 1/2	5.0	65.93
16 1/2	5.1	65.83
1/4	5.3	65.63
5'	5.3	65.63
Gutter	5.5	65.43
W. line St	5.0	65.93
South line of a		
W. Gutter	5.8	65.13
5'	5.8	65.13
1/4	5.5	65.43
16 1/2	5.3	65.63

16½		5.4		65.53
¼		5.4		65.53
5'		5.8		65.13
E. Gutter		5.9		65.03
	25' South of a			
E. Gutter		6.9		64.03
5'		6.8		64.13
¼		6.5		64.43
16½		6.4		64.52
	50' South of a			
16½		7.2		63.73
¼		7.5		63.43
5'		7.8		63.13
E. Gutter		7.6		63.33
	75' South of a			
E. Gutter		8.5		62.43
5'		8.5		62.43
¼		8.3		62.63
16½		8.2		62.73
	100' South of a			
16½		9.1		61.83
¼		9.2		61.73
5'		9.4		61.53
E. Gutter		9.6		61.33
	125' South of a			
E. Gutter		10.2		60.73
5'		10.1		60.83
¼		10.1		60.83
16½		10.0		60.93
	150' South of a			
16½		11.0		59.93
¼		11.0		59.93
5'		11.2		59.73
E. Gutter		11.4		59.53
T. P.	1.87	11.32	61.48	59.61

175' South of a

E. Gutter	2.9	58.58
5'	2.8	58.68
1/4	2.6	58.88
16½	2.4	59.08

200' South of a

16½	3.3	58.18
1/4	3.5	57.98
5'	3.7	57.78
E. Gutter	3.8	57.68

225' South of a

E. Gutter	4.3	57.18
5'	4.6	56.88
1/4	4.5	56.98
16½	4.4	57.08

250' South of a

16½	5.2	56.28
1/4	5.3	56.18
5'	5.6	55.88
E. Gutter	5.7	55.78

275' South of a

E. Gutter	6.8	54.68
5'	6.6	54.88
1/4	6.3	55.18
16½	6.1	55.38

North line of B

16½	7.0	54.48
1/4	7.2	54.28
5'	7.5	53.98
E. Gutter	7.7	53.78

T.P.	5.20	7.72	58.96	53.76
B.M. Nail 5th of B		3.36		55.60 (55.57)

Cross-Section of 3rd St from D to E Sts

Jan'y - 1903 -

Initial B.M.	4.14	44.14	40.00	
North line D St.				
W. Gutter	5.3			38.84
5'	5.3			38.84
1/4	4.8			39.34
Center	4.4			39.74
1/4	4.1			40.04
5	3.9			40.24
E. Gutter	3.7			40.44
25' South of D				
E. Gutter	4.2			39.94
5'	4.4			39.74
1/4	4.8			39.34
Center	5.1			39.04
1/4	5.6			38.54
5'	5.8			38.34
W. Gutter	5.8			38.34

50' South of D				
W. Gutter	6.3			37.84
5'	6.3			37.84
1/4	5.9			38.24
Center	5.7			38.44
1/4	5.4			38.74
5'	5.0			39.14
E. Gutter	4.7			39.44
74' South of D (N. line Witherby)				
E. Gutter	5.0			39.14
5'	5.6			38.54
1/4	5.8			38.34
Center	5.8			38.34
1/4	6.0			38.14
5'	6.6			37.54
W. Gutter	6.6			37.54
86' South of D (N. curb of Witherby)				
W. Gutter	6.8			37.34
5'	6.7			37.44

1/4	6.3	37.84
Center	6.1	38.04
1/4	5.9	38.24
5'	5.7	38.44
E. Gutter	5.6	38.54
E line 3rd	5.1	39.04
	101' South of D (Center Witness)	
E line 3rd	5.8	38.34
Gutter	6.2	37.94
5'	6.3	37.84
1/4	6.4	37.74
Center	6.6	37.54
1/4	6.6	37.54
5'	6.9	37.24
W. Gutter	7.0	37.14
	116' South of D (South Center Witness)	
W. Gutter	7.4	36.74
5'	7.2	36.94

1/4	6.8	37.34
Center	6.9	37.24
1/4	6.9	37.24
5'	6.7	37.44
Gutter	6.6	37.54
E. line 3rd	6.6	37.54
	130' South of D (S. line Witness)	
E. Gutter	6.7	37.44
5'	7.1	37.04
1/4	7.2	36.94
Center	7.2	36.94
1/4	7.2	36.94
5'	7.3	36.84
W. Gutter	7.7	36.44
	150' South of D	
W. Gutter	8.6	35.54
5'	8.3	35.84
1/4	7.8	36.34

Center	7.9	36.24
1/4	7.8	36.34
5'	7.8	36.34
E. Gutter	7.6	36.54
175' South of D		
E. Gutter	8.3	35.84
5'	8.4	35.74
1/4	8.4	35.74
Center	8.5	35.64
1/4	8.4	35.74
5'	8.9	35.24
W. Gutter	9.2	34.94
200' South of D		
W. Gutter	9.9	34.24
5'	9.4	34.74
1/4	9.2	34.94
Center	9.1	35.04
1/4	9.0	35.14
5'	9.0	35.14
E. Gutter	9.1	35.04
225' South of D		
E. Gutter	10.0	34.14
5'	9.7	34.44
1/4	9.6	34.54
Center	9.8	34.34
1/4	10.0	34.14
5'	10.5	33.64
W. Gutter	10.3	33.84
250' South of D		
W. Gutter	11.5	32.64
5'	11.2	32.94
1/4	11.1	33.04
Center	10.7	33.44
1/4	10.6	33.54
5'	10.3	33.84
E. Gutter	10.3	33.84

45.10

North line of E

E. Gutter	11.4	32.74
5'	11.3	32.84
1/4	11.1	33.04
Center	11.1	33.04
1/4	11.2	32.94
5'	11.5	32.64
W. Gutter	11.7	32.44

Cross sections of Gutters on 7th St. from Fifth to Indiana

Hydt 5th and Fee

B.M.	2.63	162.90	160.27	

West line of 5th ✓

S. Gutter		6.1		156.80
2.5		6.1		156.80
5'		6.0		156.90
5'		5.1		157.80
2.5		5.1		157.80
N. Gutter		5.0		157.90

25' West of 5th ✓

N. Gutter		4.9		158.00
2.5		5.0		157.90
5'		4.9		158.00
5'		6.1		156.80
2.5		6.3		156.60
S. Gutter		6.2		156.70

50' West of 5th ✓

S. Gutter		6.1		156.80
2.5		6.4		156.50
5'		5.9		157.00
5'		4.3		158.60
2.5		4.2		158.70
N. Gutter		3.9		159.00

75' West of 5th ✓

N. Gutter		3.0		159.90
2.5		3.5		159.40
5'		3.7		159.20
5'		5.2		157.70
2.5		5.5		157.40
S. Gutter		5.5		157.40

100' West of 5th ✓

S. Gutter		4.3		158.60
2.5		4.7		158.20
5'		4.5		158.40
5'		2.8		160.10
2.5		2.6		160.30
N. Gutter		2.2		160.70

125' West of 5th ✓

N. Gutter		1.0		161.90
2.5		1.6		161.30
5'		2.0		160.90
5'		3.9		159.00
2.5		4.0		158.90
S. Gutter		3.9		159.00

150' West of 5th ✓

S. Gutter		3.0		159.90
2.5		3.1		159.80
5'		2.9		160.00
5'		1.0		161.90
2.5		0.8		162.10
N. Gutter		0.3		162.60
T. P.	7.33	1.51	168.72	161.39

175' West of 5th ✓

N. Gutter		5.4		163.32
2.5		5.6		163.12
5		5.9		162.82
5'		7.9		160.82
2.5		8.2		160.52
S. Gutter		8.1		160.62

East line 4th ✓

S. Gutter		7.1		161.62
2.5		7.1		161.62
5'		7.0		161.72
5'		4.3		164.42
2.5		4.3		164.42
N. Gutter		4.0		164.72

Curb East side 4th ✓

N. Gutter		4.7		164.02
2.5		4.7		164.02
5'		4.8		163.92
5'		6.9		161.82
2.5		7.0		161.72
S. Gutter		7.0		161.72

Cent line West side 4th ✓

S. Gutter	7.8	160.92
2.5	7.7	161.02
5'	7.5	161.22
5'	4.8	163.92
2.5	4.7	164.02
N. Gutter	4.7	164.02

West line 4th ✓

N. Gutter	4.0	164.72
2.5	4.0	164.72
5'	4.1	164.62
5'	7.2	161.52
2.5	7.5	161.22
S. Gutter	7.4	161.32

25' West of 4th ✓

S. Gutter	6.9	161.82
2.5	7.2	161.52
5'	7.1	161.62
5'	4.4	164.32
2.5	4.2	164.52
N. Gutter	3.8	164.92

50' West of 4th ✓

N. Gutter	4.2	164.52
2.5'	4.3	164.42
5'	4.5	164.22
5'	7.1	161.62
2.5	7.3	161.42
S. Gutter	6.8	161.92

75' West of 4th ✓

S. Gutter	6.2	162.52
2.5'	7.0	161.72
5'	6.6	162.12
5'	4.5	164.22
2.5	4.5	164.22
N. Gutter	4.2	164.52

100' West of 4th ✓

N. Gutter	4.4	164.32

2.5'	4.5	164.22
5'	4.5	164.22
5'	6.6	162.12
2.5'	6.7	162.02
S. Gutter	6.5	162.22
	125' West of 4th ✓	
S. Gutter	6.0	162.72
2.5'	6.6	162.12
5'	6.4	162.32
5'	4.2	164.52
2.5	4.2	164.52
N. Gutter	3.9	164.82
	150' West of 4th ✓	
N. Gutter	4.2	164.52
2.5	4.3	164.42
5'	4.3	164.42
5'	6.7	162.52
2.5	6.5	162.22

S. Gutter	5.9	162.82
	175' West of 4th ✓	
S. Gutter	5.7	163.02
2.5'	6.0	162.72
5'	5.8	162.92
5'	4.2	164.52
2.5'	4.1	164.62
N. Gutter	4.0	164.72
	East line 3rd ✓	
N. Gutter	4.0	164.72
2.5'	3.9	164.82
5'	3.9	164.82
5'	5.3	163.42
2.5'	5.5	163.22
S. Gutter	5.2	163.52
	Curb line East side of 3rd ✓	
S. Gutter	5.2	163.52
2.5	5.2	163.52

5'		5.2			163.52
5'		4.2			164.52
2.5		4.1			164.62
N. Gutter		4.1			164.62
T. P.	0.48	3.97	165.23	164.75	
	1/4 East side of 3rd ✓				
N. Gutter		0.1			165.13
2.5		0.1			165.13
5'		0.1			165.18
5'		1.1			164.13
2.5		1.2			164.03
S. Gutter		1.3			163.93
	Center of 3rd ✓				
S. Gutter		1.5			163.73
2.5		1.4			163.83
5'		1.3			163.93
5'		0.5			164.73
2.5		0.5			164.73

N. Gutter	0.4		164.83
	1/4 West side of 3rd ✓		
N. Gutter	1.2		164.03
2.5'	1.1		164.13
5'	1.1		164.13
5'	1.4		163.83
2.5	1.5		163.73
S. Gutter	1.6		163.63
	Curb West side of 3rd ✓		
S. Gutter	2.7		162.63
2.5	2.5		162.73
5'	2.8		162.93
5'	1.9		163.33
2.5	2.0		163.23
N. Gutter	1.9		163.33
	West line of 3rd ✓		
N. Gutter	2.2		163.03
2.5	2.3		162.93

5'	2.4	162.83
5'	2.7	162.53
2.5	2.8	162.43
S. Gutter	2.5	162.73
25' West of 3rd ✓		
S. Gutter	3.4	161.83
2.5	3.9	161.33
5'	3.7	161.53
5'	3.3	161.93
2.5	3.3	161.93
N. Gutter	3.3	161.93
50' West of 3rd ✓		
N. Gutter	4.1	161.13
2.5	4.3	160.93
5'	4.2	161.03
5'	5.1	160.13
2.5'	5.2	160.03
S. Gutter	4.8	160.43

75' West of 3rd ✓		
S. Gutter	6.1	159.13
2.5'	6.4	158.83
5'	6.4	158.83
5'	5.3	159.93
2.5'	5.3	159.93
N. Gutter	5.0	160.23
100' West of 3rd ✓		
N. Gutter	5.7	159.53
2.5	6.2	159.03
5'	6.4	158.83
5'	7.1	158.13
2.5	7.3	157.93
S. Gutter	7.1	158.13
125' West of 3rd ✓		
S. Gutter	8.1	157.13
2.5'	8.2	157.03
5'	8.1	157.13
5'	7.2	158.03

2.5'	7.3		157.93
N. Gutter	6.5		158.73
	150' West of 3rd ✓		
N. Gutter	7.3		157.93
2.5'	7.7		157.53
5'	7.8		157.43
5'	9.2		156.03
2.5'	9.3		155.93
S. Gutter	9.1		156.13
	175' West of 3rd ✓		
S. Gutter	10.0		155.23
2.5'	10.4		154.83
5'	10.2		155.03
5'	8.5		156.73
2.5'	8.3		156.93
N. Gutter	7.7		157.53
	E. line 3rd ✓		
N. Gutter	8.2		157.03

2.5	8.6		156.63
5'	8.8		156.43
5'	10.6		154.63
2.5'	10.9		154.33
S. Gutter	10.6		154.63
	Curb East side of 3rd ✓		
S. Gutter	11.0		154.23
2.5'	10.9		154.33
5'	10.7		154.53
5	8.6		156.63
2.5	8.8		156.43
N. Gutter	8.7		156.53
	1/4 East side of 3rd ✓		
N. Gutter	8.2		157.03
2.5	8.2		157.03
5'	8.2		157.03
5'	10.1		155.13
2.5'	10.2		155.03

S. Gutter		10.3			154.93		
	Center of 2nd ✓						
S. Gutter		9.9			155.33		
2.5'		9.8			155.43		
5'		9.6			155.63		
5'		8.2			157.03		
2.5		8.1			157.03		
N. Gutter		7.9			157.13		
	1/4 West side of 2nd ✓				157.33		
N. Gutter		8.3			156.93		
2.5'		8.4			156.83		
5'		8.6			156.63		
5'		9.8			155.43		
2.5		9.8			155.43		
S. Gutter		10.0			155.23		
	East West side of 2nd ✓						
S. Gutter		11.0			154.23		
2.5		10.9			154.33		
5'		10.7			154.53		
5'		9.3			155.93		
2.5'		9.2			156.03		
N. Gutter		9.1			156.13		
T. P.	2.00	11.47	155.76	153.76			
	West line of 2nd ✓						
N. Gutter		0.2			155.56		
2.5'		0.3			155.46		
5'		0.3			155.46		
5'		2.1			153.66		
2.5'		2.4			153.36		
S. Gutter		2.1			153.66		
	25' West of 2nd ✓						
S. Gutter		4.7			151.06		
2.5'		4.7			151.06		
5'		4.4			151.36		
5'		2.8			152.96		
2.5'		2.7			153.06		

N. Gutter	2.1	153.66
	50' West of 2nd ✓	
N. Gutter	4.5	151.26
2.5'	5.1	150.66
5'	5.1	150.66
5'	7.0	148.76
2.5	7.3	148.46
S. Gutter	7.0	148.76
	75' West of 2nd ✓	
S. Gutter	9.6	146.16
2.5'	9.7	146.06
5'	9.7	146.06
5'	7.5	148.26
2.5	7.5	148.26
N. Gutter	6.9	148.66
	100' West of 2nd ✓	
N. Gutter	9.6	146.16
2.5'	9.9	145.86
5'	9.9	145.86
5'	11.7	144.06
2.5	11.7	144.06
S. Gutter	11.7	144.06
T. P. 0.38	11.50	144.64 144.26
	125' West of 2nd ✓	
S. Gutter	3.3	141.34
2.5'	3.3	141.34
5'	3.3	141.34
5'	1.3	143.34
2.5	1.3	143.34
N. Gutter	1.2	143.44
	150' West of 2nd ✓	
N. Gutter	3.8	140.84
2.5'	3.7	140.94
5'	3.8	140.84
5'	5.5	139.14
2.5	5.6	139.04

S. Gutter	5.5	139.14
	175' West of 2nd ✓	
S. Gutter	7.7	136.94
2.5'	7.6	137.04
5'	7.6	137.04
5'	6.0	138.64
2.5	6.7	138.44
N. Gutter	6.1	138.54
	East line 1st ✓	
N. Gutter	7.9	136.74
2.5	7.9	136.74
5'	7.9	136.74
5'	10.1	134.54
2.5'	10.0	134.64
S. Gutter	10.0	134.64
	Curb East side 1st ✓	
S. Gutter	10.9	133.74
2.5'	10.7	133.94
5'	10.5	134.14
5'	8.5	136.14
2.5'	8.5	136.14
N. Gutter	8.6	136.04
N.B. Cor. 1st + Fir		
B.M.	6.74 (corrected 144.58)	137.90
	1/4 East side of 1st ✓	
N. Gutter	9.0	135.58
2.5	9.1	135.48
5'	9.1	135.48
5'	10.8	133.78
2.5'	11.0	133.58
S. Gutter	11.1	133.48
	Center of 1st ✓	
S. Gutter	11.5	133.08
2.5'	11.4	133.18
5'	11.2	133.38
5'	9.7	134.88
2.5'	9.5	135.08

N. Gutter		9.5'		135.08
	1/4' West side of 1st ✓			
N. Gutter		9.9		134.68
2.5'		9.9		134.68
5'		10.0		134.58
5'		11.9		132.68
2.5'		12.1		132.48
S. Gutter		12.3		132.28
T. P.	1.29	11.94	133.93	132.64
	Cent West side of 1st ✓			
S. Gutter		2.6		131.33
2.5'		2.5		131.43
5'		2.3		131.63
5'		0.6		133.33
2.5'		0.7		133.23
N. Gutter		0.8		133.13
	West line 1st ✓			
N. Gutter		0.6		133.33

2.5'	1.2		132.73
5'	1.5		132.43
5'	3.6		130.33
2.5'	3.5'		130.43
S. Gutter	3.3		130.63
	25' West of 1st. ✓		
S. Gutter	6.8		127.13
2.5'	6.7		127.23
5'	6.6		127.33
5'	5.0		128.93
2.5'	4.8		129.13
N. Gutter	4.4		129.53
	50' West of 1st. ✓		
N. Gutter	8.8		125.13
2.5'	9.2		124.73
5'	9.5		124.43
5'	10.5		123.43
2.5'	11.1		122.83

S. Gutter		10.4			123.53
T. P.	0.50	11.40	123.03	122.53	
	75' West of 1st ✓				
S. Gutter		3.5			119.53
2.5'		3.6			119.43
5'		3.3			119.73
5'		2.2			120.83
2.5		1.8			121.23
N. Gutter		1.2			121.83
	100' West of 1st ✓				
N. Gutter		5.0			118.03
2.5'		5.6			117.43
5'		5.9			117.13
5'		6.6			116.43
2.5'		6.6			116.43
S. Gutter		6.7			116.33
	125' West of 1st. ✓				
S. Gutter		10.2			112.83
2.5'		10.9			112.13
5'		10.8			112.23
5'		9.8			113.23
2.5'		9.5'			113.53
N. Gutter		9.0			114.03
T. P.	0.02	11.30	111.75	111.73	
	150' West of 1st ✓				
N. Gutter		1.6			110.13
2.5'		2.2			109.55
5'		2.5			109.25
5'		3.0			108.75
2.5		3.0			108.75
S. Gutter		2.9			108.85
	175' West of 1st ✓				
S. Gutter		6.6			105.15
2.5'		6.7			105.05
5'		6.7			105.05
5'		6.2			105.55

2.5'		6.1			105.65
N. Gutter		5.8			105.95
	East line of Front ✓				
N. Gutter		8.5			103.25
2.5'		8.5			103.25
5'		8.6			103.15
5'		8.8			102.95
2.5'		9.0			102.75
S. Gutter		9.1			102.65
	Curb East side of Front ✓				
S. Gutter		9.5			102.25
2.5'		9.5			102.25
5'		9.4			102.35
5'		9.0			102.75
2.5'		9.1			102.65
N. Gutter		9.2			102.55
T. P.	1.38	10.61	102.52	101.14	

	1/4 East side of Front ✓		
N. Gutter	0.3		102.22
2.5'	0.3		102.22
5'	0.3		102.22
5'	0.7		101.82
2.5'	0.7		101.82
S. Gutter	0.8		101.72
	Center of Front ✓		
S. Gutter	1.0		101.52
2.5'	1.0		101.52
5'	0.9		101.62
5'	0.8		101.72
2.5'	0.9		101.62
N. Gutter	0.9		101.62
	1/4 West side of Front ✓		
N. Gutter	1.6		100.92
2.5'	1.6		100.92
5'	1.4		101.12
5'	1.9		100.62

2.5'	2.0	100.52
S. Gutter	2.2	100.32
	Curb West side of Front ✓	
S. Gutter	2.7	99.82
2.5'	2.5	100.02
5'	2.3	100.22
5'	2.2	100.32
2.5'	2.5	100.02
N. Gutter	2.7	99.82
	West line Front ✓	
N. Gutter	2.8	99.72
2.5'	3.0	99.52
5'	2.9	99.62
5'	2.9	99.62
2.5'	2.9	99.62
S. Gutter	2.8	99.72
	25' West of Front ✓	
S. Gutter	3.9	98.62

2.5'	4.1	98.42
5'	3.8	98.72
5'	3.6	98.92
2.5'	3.9	98.62
N. Gutter	3.6	98.92
	50' West of Front ✓	
N. Gutter	4.3	98.22
2.5'	4.7	97.82
5'	4.5	98.02
5'	5.1	97.42
2.5'	5.2	97.32
S. Gutter	5.0	97.52
	75' West of Front ✓	
S. Gutter	6.1	96.42
2.5'	6.3	96.22
5'	6.2	96.32
5'	5.8	96.72
2.5'	5.6	96.92

N. Gutter	5.5	97.62
	100' West of Front ✓	
N. Gutter	6.0	96.52
2.5	6.1	96.42
5'	5.9	96.62
5'	7.4	95.12
2.5	7.6	94.92
N. Gutter	7.3	95.22
	125' West of Front ✓	
S. Gutter	8.2	94.32
2.5	8.5	94.02
5'	8.4	94.12
5	6.8	95.72
2.5	6.9	95.62
N. Gutter	6.8	95.72
	150' West of Front ✓	
N. Gutter	7.1	95.42
2.5'	7.7	94.82
5'	7.3	95.22
5'	9.2	93.32
2.5	9.3	93.22
N. Gutter	9.2	93.32
	175' West of Front ✓	
N. Gutter	9.8	92.72
2.5	9.7	92.82
5'	9.5	93.02
5'	8.2	94.32
2.5'	8.2	94.32
N. Gutter	7.7	94.82
	East line of Union or Abbatoir ✓	
N. Gutter	8.4	94.12
2.5'	8.6	93.92
5'	8.7	93.82
5'	10.5	92.02
2.5	10.8	91.72
S. Gutter	10.7	91.82

		Curb East side of Mission ✓			
S. Gutter		11.3			91.22
2.5'		10.9			91.62
5'		10.6			91.92
5'		9.1			93.42
2.5		9.0			93.52
N. Gutter		9.0			93.52
T.P.	1.29	8.33	95.48	94.19	
		1/4 East side of Abetross ✓			
N. Gutter		1.4			94.08
2.5		1.3			94.18
5'		1.3			94.18
		Centr of Abetross ✓			
N. Gutter		1.7			93.78
2.5		1.7			93.78
5'		1.8			93.68
		1/4 West side of abetross ✓			
N. Gutter		2.2			93.28
2.5'		2.2			93.28
5'		2.2			93.28
		Curb. West side of Abetross ✓			
N. Gutter		2.7			92.78
2.5'		2.7			92.78
5'		2.7			92.78
= Sta 0+27		N. line of abetross ✓			
N. Gutter		3.1			92.38
2.5'		3.1			92.38
5'		3.1			92.38
Sta 0+27		Apx. East side of return ✓			
N. Gutter		3.5			91.98
2.5		3.5			91.98
5'		3.4			92.08
		Sta 0+50 ✓			
N. Gutter		3.8			91.68
2.5'		3.8			91.68
5'		3.8			91.68

	Sta 0+75 ✓		
N. Gutter	4.2		91.28
2.5'	4.3		91.18
5'	4.2		91.28
	Sta 1+00 ✓		
N. Gutter	5.3		90.18
2.5'	5.3		90.18
5'	5.3		90.18
	Sta 1+16 = West line of Union ✓		
N. Gutter	6.0		89.48
2.5'	6.2		89.28
5'	6.2		89.28
	25' West of Union ✓		
N. Gutter	7.4		88.08
2.5'	7.3		88.18
5'	7.3		88.18
	50' West of Union ✓		
N. Gutter	9.0		86.48
2.5'	8.5		86.98
5'	8.3		87.18
	75' West of Union ✓		
N. Gutter	10.5		84.98
2.5'	10.4		85.08
5'	10.0		85.48
	100' West of Union ✓		
N. Gutter	11.9		83.58
2.5	11.4		84.08
5'	11.0		84.48
T.P.	0.63	11.36	84.75 84.12
	125' West of Union ✓		
N. Gutter	2.7		82.05
2.5'	2.2		82.55
5'	1.8		82.95
	150' West of Union ✓		
N. Gutter	4.0		80.75
2.5'	4.0		80.75
5'	4.0		80.75

175' West of Union.

N. Gutter		5.2	79.55
2.5'		5.3	79.45
5'		5.1	79.65
	200' West of Union = East line Station		
N. Gutter		6.5	78.25
2.5'		7.0	77.75
5'		6.3	78.45

East line Albatross = 0

(95.48)

Sta 0 + 27 = ℄ ✓

N. Gutter	3.6	91.88
2.5	3.6	91.88
5	3.5	91.98

Sta. 0 + 50 ✓

S. Gutter	3.4	92.08
2.5	3.2	92.28
5'	3.1	92.38

Sta. 0 + 75 ✓

S. Gutter	3.8	91.68
2.5	3.6	91.88
5	3.5	91.98

Sta. 1 + 00 ✓

S. Gutter	4.1	91.38
2.5	4.0	91.48
5'	3.9	91.58

	Sta. 1+25 ✓			
S. Gutter		4.6		90.88
2.5		4.5		90.98
5'		4.4		91.08
	Sta. 1+50 ✓			
S. Gutter		5.6		89.88
2.5		5.5		89.98
5'		5.3		90.18
	Sta. 1+67 = West Line Union ✓			
S. Gutter		6.1		89.38
2.5		6.2		89.28
5'		6.2		89.28
	25' West of Union ✓			
S. Gutter		7.5		87.98
2.5'		7.9		87.58
5'		8.0		87.48
	50' West of Union ✓			
S. Gutter		8.8		86.68
2.5		9.3		86.18
5'		9.0		86.48
	75' West of Union ✓			
S. Gutter		10.2		85.28
2.5		10.4		85.08
5'		10.5		9498
	100' West of Union ✓			
S. Gutter		11.7		83.78
2.5		12.2		83.28
5'		12.4		83.08
T.P.	0.63	11.36	(84.75) 84.12	
	125' West of Union ✓			
S. Gutter		2.4		82.35
2.5'		2.8		81.95
5'		2.6		82.15
	150' West of Union ✓			
S. Gutter		3.9		80.85
2.5'		4.0		80.75
5'		3.8		80.95

175' West of Union.

S. Gutter		5.8			78.95
2.5'		5.7			79.05
5'		5.3			79.45

195.5' West of Union = East line of State

S. Gutter		6.4			78.35
2.5'		6.6			78.15
5'		6.6			78.15
Hyd't State and Fr. B.M.		5.20	Corrected (84.84)	79.55	79.64
B.M.	0.58		80.22	79.64	

Curb East side of State ✓

S. Gutter		2.5			77.72
2.5		2.4			77.82
5'		2.3			77.92
5'		2.1			78.12
2.5'		2.6			77.62
N. Gutter		2.9			77.32

1/4 East side of State ✓

N. Gutter		3.1			77.12

79.64

2.5		2.8			77.42
5'		2.6			77.62
5'		2.4			77.82
2.5'		2.4			77.82
S. Gutter		2.4			77.82

Center of State ✓

S. Gutter		2.8			77.42
2.5'		2.7			77.52
5		2.7			77.52
5'		3.0			77.22
2.5		3.2			77.02
N. Gutter		3.1			77.12

1/4 West side of State ✓

N. Gutter		3.5			76.72
2.5'		3.7			76.52
5		3.7			76.52
5		3.7			76.52
2.5		3.6			76.62

S. Gutter	3.7	76.52
Curb West side of State ✓		
S. Gutter	4.6	75.62
2.5	4.4	75.82
5'	4.3	75.92
5'	4.0	76.22
2.5	4.4	75.82
N. Gutter	4.5	75.72
West line of State ✓		
N. Gutter	4.2	76.02
2.5'	4.6	75.62
5'	4.5	75.72
5'	5.0	75.22
2.5	5.0	75.22
S. Gutter	4.8	75.42
25' West of State ✓		
S. Gutter	6.0	74.22
2.5	6.3	73.92
5'	6.2	74.02
5'	5.6	74.62
2.5	5.8	74.42
N. Gutter	5.8	74.42
50' West of State		
N. Gutter	7.0	73.22
2.5'	7.3	72.92
5'	7.2	73.02
5'	7.6	72.62
2.5	7.7	72.52
S. Gutter	7.4	72.82
75' West of State		
S. Gutter	9.0	71.22
2.5	9.2	71.02
5'	9.1	71.12
5'	9.3	70.92
2.5	8.9	71.32
N. Gutter	8.8	71.42

100' West of State

N. Gutter		10.4		69.82
2.5'		10.7		69.52
5'		11.0		69.22
5'		10.7		69.52
2.5		10.7		69.52
S. Gutter		10.3		69.92
T.P.	0.33	11.73	68.82	68.49

125' West of State

S. Gutter		0.7		68.12
2.5		1.0		67.82
5'		0.8		68.02
5'		0.5		68.32
2.5		0.7		68.12
N. Gutter		0.5		68.32

150' West of State

N. Gutter		2.1		66.72
2.5'		2.4		66.42
5'		2.3		66.52
5'		2.4		66.42
2.5'		2.3		66.52
S. Gutter		2.1		66.72

175' West of State

S. Gutter		3.4		65.42
2.5'		3.5		65.32
5'		3.4		65.42
5'		3.5'		65.32
2.5		4.2		64.62
N. Gutter		3.6		65.22

East line of Columbia

N. Gutter		4.5		64.32
2.5'		4.7		64.12
5'		4.3		64.52
5'		4.4		64.42
2.5'		4.5		64.32
S. Gutter		4.5		64.32

Curb East side of Columbia

S Gutter	4.7	64.12
2.5'	4.6	64.22
5'	4.7	64.12
5'	4.4	64.42
2.5	4.7	64.12
N. Gutter	4.8	64.02

1/4 East side of Columbia

N. Gutter	5.3	63.52
2.5'	5.0	63.82
5'	4.6	64.22
5'	5.0	63.82
2.5	5.1	63.72
S. Gutter	5.1	63.72

Axis of Columbia

S. Gutter	5.3	63.52
2.5	5.3	63.52
5'	5.1	63.72
5'	5.1	63.72
2.5	5.5	63.32
N. Gutter	5.8	63.02

1/4 West side of Columbia

N. Gutter	6.0	62.82
2.5	5.7	63.12
5'	5.6	63.22
5	5.9	62.92
2.5	6.0	62.82
S. Gutter	6.2	62.62

Curb West side of Columbia

S. Gutter	7.0	61.82
2.5'	7.0	61.82
5'	6.9	61.92
5'	6.5'	62.32
2.5	7.2	61.62
N. Gutter	6.9	61.92

West line of Columbia

N. Gutter	7.1	61.72

2.5'		7.6		61.22
5'		7.2		61.62
5'		7.3		61.52
2.5'		7.5		61.32
S. Gutter		7.2		61.62
	25' West of Columbia			
S Gutter		8.9		59.92
2.5		9.3		59.52
5'		9.0		59.82
5'		8.9		59.92
2.5		9.3		59.52
N Gutter		8.7		60.12
	50' West of Columbia			
N. Gutter		10.6		58.22
2.5'		11.2		57.62
5'		10.6		58.22
5'		10.8		58.02
2.5		11.0		57.82

S. Gutter		10.6		58.22
T. P.	0.61	11.71	57.72	57.11
	75' West of Columbia			
S. Gutter		1.3		56.42
2.5		1.7		56.02
5'		1.3		56.42
5'		1.5		56.22
2.5		2.3		55.42
N. Gutter		1.6		56.12
	100' West of Columbia			
N. Gutter		2.5		55.22
2.5'		2.9		54.82
5'		2.9		54.82
5'		3.3		54.42
2.5		3.4		54.32
S. Gutter		2.6		55.12
	125' West of Columbia			
S. Gutter		4.2		53.52

2.5'	5.3		52.42
5'	5.1		52.62
5'	4.4		53.32
2.5	5.0		52.72
N. Gutter	4.3		53.42
	150' West of Columbia		
N. Gutter	6.0		51.72
2.5'	6.6		51.12
5'	6.3		51.42
5'	6.5		51.22
2.5	6.6		51.12
S. Gutter	6.7		51.02
	175' West of Columbia		
S. Gutter	7.6		50.12
2.5'	7.7		50.02
5'	7.8		49.92
5'	7.8		49.92
2.5'	8.0		49.72
N. Gutter	7.7		50.02
	East line India		
N. Gutter	8.7		49.02
2.5	9.4		48.32
5'	9.2		48.52
5	8.7		49.02
2.5	8.9		48.82
S. Gutter	8.7		49.02
B.M. N.W. Cor.	10.49 For 4th India	47.23	

1/21/03.

Levels along the Auto Line of Lunce St from 3rd to 4th

Runway
McAuliffe
Lambert

	+	○	−	Abd	Elev
B.M.,	0.46	277.70			277.24
E. line 4th					
0				8.6	269.10
+36				9.5	268.20
+38				11.7	266.00
T. P.	0.55	266.14	12.11		265.59
+55				11.8	254.34
T. P.	0.15	253.49	12.80		253.34
" "	0.11	241.27	12.33		241.16
West line 4th					
+80					
= 0				4.5	236.77
T. P.	0.48	229.08	12.67		228.60
+25				6.2	222.88
T. P.	0.05	216.62	12.51		216.57
+50				4.9	211.72
+75				12.8	203.82
T. P.	0.67	204.79	12.50		204.12
1+00				8.6	196.19
+14				10.2	194.59
+25				16.5	188.29
	2.47		74.92		

+28				16.5	188.29
+34				14.0	190.79
+50				3.8	200.99
T. P.	12.58	217.37	0.00		304.79
+75				4.5	212.87
T. P.	12.73	229.65	0.25		217.12
E. line 3rd					
2+00				5.4	224.45
T. P.	12.44	241.36	0.93		228.92
+20				6.8	234.56
T. P.	12.31	253.63	0.04		241.32
+30				11.6	242.03
Auto 3rd					
+40				4.7	248.93
T. P.	11.64	264.04	0.63		253.00
+51				3.8	260.24
+56				3.4	260.64
W. line 3rd					
+80				1.9	262.14
T. P.	7.02	270.46	0.60		263.44
2nd Mt Lunce					
B. M.			3.81		266.65 ✓
	68.17		6.26		

2/18/03 Cross-section of 18th St. from D to N

Rumsey
Wilkins
Lambert

			-0-		
18th & F. B.M.	12.515		78.50	65.985	
T.P.	12.67	0.47	90.70	78.03	
18th and E. B.M.	12.19	0.07	102.82	90.63	
		South line D St. ✓			
W. line 18th		3.3			99.52
curb		2.9			99.92
2'		16.6			86.22
1/4		16.7			86.12
center		16.3			86.52
1/4		16.0			86.82
curb		15.4			87.42
E. line 18th		15.1			87.72
		10' South of D ✓			
W. line 18th		3.4			99.42
curb		2.7			100.12
6		14.3			88.52
1/4		15.1			87.72

center	14.5	88.32
1/4	7.7	95.12
curb	9.0	93.82
E. line 18th	0.1	102.72
	25' South of D ✓	
E. line 18th	0.8	102.02
curb	1.0	101.82
1/4	1.0	101.82
6'	1.5	101.32
center	12.0	90.82
1/4	13.0	89.82
6'	11.6	91.22
curb	3.4	99.42
W. line 18th	4.0	99.82
	50' South of D ✓	
W. line 18th	4.6	98.22
curb	4.1	98.72
7	10.4	92.42

1/4	11.2	91.62
Centa	10.3	92.52
4'	2.9	99.92
1/4	2.6	100.22
curb	2.3	100.52
E. line 18th	3.3	99.52
75' South of D ✓		
E line 18th	3.4	99.42
curb	3.6	99.22
1/4	3.9	98.92
6	3.8	99.02
Center	8.4	94.42
1/4	9.1	93.72
curb	5.6	97.22
W. line 18th	5.5	97.32
100' South of D ✓		
W. line 18th	6.8	96.02
Curb	6.9	95.92

1/4	7.8	95.02
Centa	7.2	95.62
3'	6.6	96.22
4'	4.8	98.02
1/4	4.6	98.22
Curb	5.1	97.72
E. line 18th	4.4	98.42
125' South of D ✓		
E line 18th	5.8	97.02
curb	6.1	96.72
1/4	6.1	96.72
4'	6.3	96.52
2'	7.3	95.52
Center	7.7	95.12
1/4	8.2	94.62
Curb	8.1	94.72
W. line 18th	7.7	95.12

150' South of D ✓		
W. line 18 ft	8.6	94.22
Curb	9.3	93.52
1/4	9.4	93.42
Center	8.0	94.82
1/4	7.3	95.52
Curb	7.6	95.22
E. line 18 ft	7.2	95.62
175' South of D ✓		
E. line 18 ft	8.5	94.32
Curb	8.9	93.92
1/4	8.4	94.42
Center	9.1	93.72
1/4	10.2	92.62
Curb	9.6	93.22
W. line 18 ft	8.6	94.22
200' South of D ✓		
W. line 18 ft	8.5	94.32
Curb	10.2	92.62

1/4	11.4	91.42
↑ 9'	11.3	91.52
Center	10.4	92.42
↑ 5'	9.7	93.12
1/4	9.6	93.22
↑ 4'	9.7	93.12
5'	10.9	91.92
↓ Curb	11.0	91.82
E. line 18 ft	10.3	92.52
225' South of D ✓		
E. line 18 ft	11.8	91.02
Curb	11.9	90.92
↑ 7'	11.8	91.02
2'	10.5	92.32
↓ 1/4	10.5	92.32
Center	11.0	91.82
7'	12.0	90.82
↓ 1/4	11.7	91.12

Curb	11.0	91.82
↑ 7'	10.5	92.32
W. line 18th	8.7	94.12
250' South of D ✓		
W. line 18th	8.8	94.02
↑ 7'	10.8	92.02
Curb	11.5	91.32
1/4	12.2	90.62
3'	12.2	90.62
↓ Center	11.5	91.32
↑ 6'	10.6	92.22
1/4	11.1	91.72
↑ 4'	11.3	91.52
6'	12.6	90.22
↓ Curb	12.8	90.02
E. line 18th	12.5	90.32
275' South of D ✓		
E. line 18th	13.0	89.82

Curb	13.3	89.52
↑ 5'	13.3	89.52
3'	11.6	91.22
↓ 1/4	11.5	91.32
4'	11.5	91.32
↓ Center	12.3	90.52
1/4	12.6	90.22
Curb	12.0	90.82
↑ 7'	11.2	91.62
W. line 18th	9.2	93.62
North line of B Alley ✓		
W. line 18th	8.9	93.92
↑ 7'	10.8	92.02
Curb	11.7	91.12
1/4	12.3	90.52
Center	12.2	90.62
↑ 2'	11.6	91.22
1/4	11.8	91.02

↑ 3'		11.9			90.92
7'		13.2			89.62
↓ Curb		13.7			89.12
E. line 18ft		12.3			90.52
T.P.	3.39	12.25	93.96	90.57	
		Curb W. side of E ✓			
W. line 18ft		0.2			93.76
↑ 7'		1.8			92.16
Curb		2.9			91.06
1/4		3.5			90.46
Centa		3.7			90.26
↑ 4'		2.7			91.26
1/4		3.3			90.66
↑ 3'		3.4			90.56
7'		4.3			89.66
↓ Curb		4.9			89.06
E. line 18ft		5.3			88.66

1/4, N. side of E. ✓

E. line 18ft	5.2	88.76
Curb	4.8	89.16
↑ 6	4.3	89.66
1/4	3.2	90.76
4'	3.0	90.96
↓ Centa	4.0	89.96
1/4	3.8	90.16
Curb	3.5	90.46
W. line 18ft	0.4	93.56
	Centa of E. ✓	
W. line 18ft	0.7	93.26
↑ 3'	0.9	93.06
5'	3.4	90.56
↓ Curb	4.0	89.96
1/4	4.2	89.76
Centa	4.0	89.96
1/4	3.7	90.26
Curb	5.1	88.86

E. line 18ft	5.5		88.46
	1/4, South side of E. ✓		
E. line 18ft	6.0		87.96
Curb	5.0		88.96
1/4	4.4		89.56
Center	4.7		89.26
1/4	4.3		89.66
Curb	3.7		90.26
W. line 18ft	1.4		92.56
	Curb, S. Side of E. ✓		
W. line 18ft	2.4		91.56
Curb	4.1		89.86
1/4	4.9		89.06
Center	5.4		88.56
1/4	5.0		88.96
Curb	5.8		88.16
E. line 18ft	6.5		87.46

South line of E ✓

E. line 18ft	7.4		86.56
Curb	6.5		87.46
1/4	5.7		88.26
Center	5.8		88.16
1/4	5.5		88.46
Curb	4.7		89.26
W. line 18ft	3.1		90.86
	25' South of E. ✓		
W. line 18ft	4.1		89.86
Curb	6.0		87.96
1/4	6.7		87.26
Center	6.9		87.06
1/4	7.0		86.96
Curb	8.0		85.96
E. line 18ft	8.8		85.16
	50' South of E ✓		
E. line 18ft	10.0		83.96
Curb	9.3		84.66

1/4	8.5		85.46
Center	8.1		85.86
1/4	7.8		86.16
Curb	7.0		86.96
W. line 18th	5.2		88.76
	75' South of E.		
W. line 18th	6.0		87.96
Curb	7.6		86.36
1/4	8.4		85.56
Center	9.4		84.56
1/4	9.7		84.26
Curb	10.9		83.06
E. line 18th	11.8		82.16
	100' South of E.		
E. line 18th	13.6		80.36
Curb	12.8		81.16
1/4	12.0		81.96
Center	11.2		82.76

1/4	9.4			84.56
Curb	8.5			85.46
W. line 18th	7.0			86.96
T. P.	4.05	12.22	85.79°	81.74 ✓
2/19/03		125' South of E. ✓		
W. line 18th	0.4			85.39
Curb	2.3			83.49
1/4	3.6			82.19
Center	4.7			81.09
1/4	5.4			80.39
Curb	6.2			79.59
11 1/2'	6.4			79.39
4'	7.4			78.39
E. line 18th	8.1			77.69
20'	10.3			75.49
	150' South of E. 1			
20'	11.7			74.09
E. line 18th	10.4			75.39

2'	Perp. 7.9 / 8.0		75.89
↓ Curb		8.0	78.79
1/4		7.0	78.79
Center		6.5	79.29
1/4		5.3	80.49
Curb		4.2	81.59
W. line 18th		2.4	83.39
	175' South of C. ✓		
W. line 18th		4.1	81.69
↑ 2'	Perp. 4.5 / 5.4		80.39
Curb		6.4	79.39
1/4		7.1	78.69
Center		8.7	77.09
1/4		9.6	76.19
↑ 5'	Perp. 10.3 / 11.4		74.39
Curb		11.7	74.09
E. line 18th		12.5	73.29
↑ 20'		14.8	70.99

200' South of C. ✓

20'		16.5	69.29
E. line 18th		15.2	70.59
Curb	Perp. 14.3 / 13.3		71.49
1/4		12.3	73.49
Center		11.8	73.99
1/4		10.0	75.79
Curb		8.5	77.29
W. line 18th		6.9	78.89
T.P.	1.05	11.13	75.71' 74.66'
	225' South of C. ✓		
W. line 18th		0.3	75.41
Curb		1.5	74.21
1/4		3.0	72.71
Center		4.5	71.21
1/4		6.5	70.21
Curb		7.2	68.51
E. line 18th		8.0	67.71
↑ 20'		10.1	65.61

250' South of E ✓

20'	11.0	64.71
E. line 18th	9.8	65.91
Curb	9.8	65.91
1/4	7.5	68.21
Center	6.8	68.91
1/4	6.0	69.71
Curb	3.8	71.91
W. line 18th	2.6	73.11

275' South of E. ✓

W. line 18th	5.1	70.61
Curb	6.5	69.21
1/4	7.6	68.11
Center	8.1	67.61
1/4	9.7	66.01
Curb	11.3	64.41
E. line 18th	11.7	64.01

North line of F

20'	12.3	63.41
E. line 18th	12.2	63.51
Curb	11.8	63.91
1/4	11.1	64.61
Center	10.4	65.31
1/4	9.5	66.21
Curb	8.5	67.21
W. line 18th	7.8	67.91
18th & F B.M.	9.72	65.99 Chk
T. P. 2.15	11.93	65.93 63.78'

10' South of F ✓

120' #6 W. line 18th	4.5	65.03
Curb	4.4	65.13
1/4	3.6	65.93
Center	6.9	62.63
1/4	5.4	64.13
Curb	6.1	63.43
E. line 18th	6.3	63.23

25' South of F ✓

E. line 18ft	6.6	62.93
Curb	6.4	63.13
1/4	5.8	63.73
Center	7.4	62.13
1/4	6.2	63.33
5'	3.8	65.73
Curb	4.5	65.03
W. line 18ft	5.0	64.53
20'	5.8	63.73

50' South of F ✓

20'	7.3	62.23
W. line 18ft	6.7	62.83
Curb	6.0	63.53
9'	8.5	61.03
1/4	8.0	61.53
Center	9.2	60.33
1/4	7.7	61.83
Curb	6.6	62.93
E. line 18ft	Pap. 3.3 / 5.8	63.73
20'	Pap. 3.2 / 5.8	63.73

75' South of F ✓

20'	2.6	66.93
E. line 18ft	Pap. 3.4 / 6.5	63.03
Curb	7.1	62.43
1/4	6.8	62.73
Center	10.1	59.43
1/4	11.2	58.33
Curb	10.5	59.03
W. line 18ft	9.4	60.13
30'	8.7	60.83

100' South of F ✓

30'	13.0	57.53
W. line 18ft	12.7	57.83
Curb	11.2	58.33
1/4	10.2	59.33
Center	9.3	60.23
7'	9.1	60.43
1/4	7.0	62.53
Curb	7.4	62.13
E. line 18ft	Pap. 6.5 / 4.1	63.03
20'	Pap. 4.1 / 3.7	64.83

125' South of F. ✓

20'	4.6	64.93
E. line 18th	6.4	63.13
Curb	7.2	62.33
1/4	7.0	62.53
Center	8.2	61.33
1/4	8.3	61.23
Curb	9.2	60.33
W. line 18th	10.1	59.43
30	12.0	57.53

150' South of F. ✓

W. line 18th	8.2	61.33
Curb	7.4	62.13
1/4	6.5	63.03
Center	5.8	63.73
1/4	5.7	63.83
Curb	5.3	64.23
E. line 18th	5.1	64.43

175' South of F. ✓

E. line 18th	3.8	65.73
Curb	4.2	65.33
1/4	4.9	64.63
Center	5.2	64.33
1/4	6.1	63.43
Curb	6.9	62.63
W. line 18th	7.4	62.13

200' South of F. ✓

W. line 18th	7.0	62.53
Curb	6.2	63.33
1/4	5.4	64.13
Center	4.2	65.33
1/4	3.9	65.63
Curb	3.3	66.23
E. line 18th	2.9	66.63

225' South of F. ✓

E. line 18th	1.8	67.73
Curb	2.4	67.13

1/4	3.4		66.13
Centa	4.1		65.43
1/4	5.4		64.13
Curb	6.4		63.13
W. line 18th	7.0		62.53
	250' South of Ft ✓		
W. line 18th	7.8		61.73
Curb	6.7		62.83
1/4	5.4		64.13
Centa	4.3		65.23
1/4	3.7		65.83
Curb	2.9		66.63
E. line 18th	2.2		67.33
	275' South of Ft ✓		
E. line 18th	2.4		67.13
Curb	2.8		66.73
1/4	3.7		65.83
Centa	4.8		64.73
1/4	5.6		63.93
Curb	6.7		62.83
W. line 18th	7.5		62.03
	North line of G ✓		
W. line 18th	7.4		62.13
Curb	6.9		62.63
1/4	6.4		63.13
Centa	5.1		64.43
1/4	4.5		65.03
Curb	4.0		65.53
E. line 18th	3.1		66.43
T. P.	1.57	5.04	62.46 60.89
	Curb, North side of G ✓		
E. line 18th	0.2		67.26
Curb	1.0		61.46
1/4	1.8		60.66
Centa	2.1		60.36
1/4	3.0		59.46

Curb	3.9	58.56
W. line 18th	4.4	58.06
1/4, N. side of G ✓		
W. line 18th	4.5	57.96
Curb	3.5	58.96
1/4	2.8	59.66
Center	1.9	60.56
1/4	1.5	60.96
Curb	1.1	61.36
E. line 18th	0.7	61.76
Center of G ✓		
E. line 18th	0.8	61.66
Curb	1.3	61.16
1/4	1.7	60.76
Center	2.3	60.16
1/4	3.0	59.46
Curb	3.6	58.86
W. line 18th	4.6	57.86
1/4, South side of G ✓		
W. line 18th	4.9	57.56
Curb	4.0	58.46
1/4	3.2	59.26
Center	2.3	60.16
1/4	2.1	60.36
Curb	1.8	60.66
E. line 18th	1.3	61.16
Curb, S. side of G ✓		
E. line 18th	2.9	59.56
Curb	3.0	59.46
1/4	2.9	59.56
Center	3.0	59.46
1/4	4.4	58.06
Curb	5.4	57.06
W. line 18th	6.3	56.16
South line of G ✓		
W. line 18th	6.2	56.26
Curb	6.0	56.46

1/4	5.0	57.46
Centa	5.9	58.56
1/4	5.8	58.66
Curb	5.6	58.86
E. line 18th	5.1	59.36
25' South of G ✓		
E. line 18th	4.0	58.46
Curb	4.1	58.36
1/4	4.2	58.26
Center	4.5	57.96
1/4	5.2	57.26
Curb	6.0	56.46
W. line 18th	6.4	56.06
50' South of G ✓		
W. line 18th	6.3	56.16
Curb	6.0	56.46
1/4	5.5	56.96
Center	4.9	57.56

1/4	4.7	57.76
Curb	4.7	57.76
E. line 18th	4.5	57.96
75' South of G ✓		
E. line 18th	4.3	58.16
Curb	4.8	57.66
1/4	5.3	57.16
Centa	5.4	57.06
1/4	5.6	56.86
Curb	5.8	56.66
W. line 18th	6.1	56.36
100' South of G ✓		
W. line 18th	6.3	56.16
Curb	6.0	56.46
1/4	6.0	56.46
Centa	5.1	57.36
1/4	4.8	57.66
Curb	4.6	57.86

E. line 18th	4.3	58.16
125' South of G. ✓		
E. line 18th	4.6	57.86
Curb	5.0	57.46
1/4	5.1	57.36
Center	5.6	56.86
1/4	6.3	56.16
Curb	6.6	55.86
W. line 18th	6.9	56.56
150' South of G ✓		
W. line 18th	7.5	54.96
Curb	7.4	55.06
1/4	6.3	56.16
Center	5.7	56.76
1/4	5.8	56.66
Curb	5.8	56.66
E. line 18th	5.1	57.36

175' South of G ✓		
E. line 18th	5.2	57.26
Curb	5.8	56.66
1/4	6.4	56.06
Center	6.8	55.66
1/4	7.4	55.06
Curb	8.0	54.46
W. line 18th	8.2	54.26
200' South of G ✓		
W. line 18th	8.7	53.76
Curb	8.4	54.06
1/4	7.9	54.56
Center	7.2	55.26
1/4	6.8	55.66
Curb	6.4	56.06
E. line 18th	5.9	56.56
225' South of G ✓		
E. line 18th	7.0	55.46
Curb	7.8	54.66

1/4		8.3			54.16
Center		8.2			54.26
1/4		8.5			53.96
Curb	Perp.	10.2 9.5			52.26
W. line 18th		9.5			52.96
	250' South of G. ✓				
W. line 18th		10.5			51.96
Curb	Perp.	10.3 11.1			51.36
1/4		10.1			52.36
Center		9.6			52.86
1/4		9.1			52.36
Curb		8.5			53.96
E. line 18th		8.2			54.26
T. P.	0.54	8.33	54.67 ✓	54.13 ✓	
	375' South of G ✓				
E. line 18th		1.0			53.67
Curb		1.4			53.27
1/4		2.1			52.57

Center	2.4	52.27
1/4	3.1	51.57
Curb	3.7 3.4	50.97
W. line 18th	3.5	51.17
North line of H. (311' N. of G) approx. ✓		
W. line 18th	4.2	50.47
Curb	4.4 4.6	50.07
1/4	3.5	51.17
Center	3.1	51.57
1/4	2.6	52.07
Curb	1.9	52.77
E. line 18th	1.6	53.07
Curb, North side of H ✓		
E. line 18th	1.7	52.97
Curb	2.2	52.47
1/4	2.8	51.87
Center	3.3	51.37
1/4	3.9	50.77

Curb	4.4	50.27
N. line 18th	4.6 5.5	49.17

1/4, N. side of H ✓

N. line 18th	5.4	49.27
Curb	4.6	50.07
1/4	4.0	50.67
Center	3.4	51.27
1/4	3.0	51.67
Curb	2.5	52.17
E. line 18th	2.0	52.67

Center of H ✓

E. line 18th	2.1	52.57
Curb	2.7	51.97
1/4	3.3	51.37
Center	3.7	50.97
1/4	4.2	50.47
Curb	4.7	49.97
N. line 18th	5.2	49.47

1/4, S. side of H ✓

N. line 18th	5.5	49.17
Curb	4.8	49.87
1/4	4.2	50.47
Center	3.7	50.97
1/4	3.3	51.37
Curb	2.6	52.07
E. line 18th	2.1	52.57

Curb, S. side of H ✓

E. line 18th	3.0 4.0	50.67
Curb	3.2	51.47
1/4	3.5	51.17
Center	3.9	50.77
1/4	4.5	50.17
Curb	5.6	49.07
N. line 18th	5.7 6.7	47.97

18th & H. — corrected

B.M.	5.53	(54.59)	49.14	(49.06)

S. line of H ✓

N. line 18th	5.4	49.27

Curb	4.8	49.87
1/4	4.8	49.87
Center	4.4	50.27
1/4	4.1	50.57
Curb	3.2	51.47
E. line 18th	2.9	51.77
25' South of H ✓		
E. line 18th	3.1	51.57
Curb	3.5	51.17
1/4	4.1	50.57
Center	4.5	50.17
1/4	5.0	49.67
Curb	5.0	49.67
N. line 18th	5.0	49.67
50' South of H ✓		
N. line 18th	5.4	49.27
Curb	5.6	49.07
1/4	5.6	49.07

Center	4.4	50.27
1/4	3.6	51.07
Curb	3.3	51.37
E. line 18th	2.7	51.97
75' South of H ✓		
E. line 18th	2.7	51.97
Curb	3.8	50.87
1/4	4.5	50.17
Center	5.1	49.57
1/4	5.9	48.77
Curb	6.2	48.47
N. line 18th	6.5	48.17
100' South of H ✓		
N. line 18th	6.5	48.17
Curb	6.7	47.97
1/4	6.2	48.47
Center	5.5	49.17
1/4	5.1	49.57

Curb	4.1	50.67
E. line 18th	3.3	51.37
125' South of H ✓		
E. line 18th	4.0	50.67
Curb	5.0	49.67
1/4	5.3	49.37
Center	5.8	48.87
1/4	6.2	48.47
Curb	6.5	48.17
W. line 18th	7.2	47.47
150' South of H ✓		
W. line 18th	6.5	48.17
Curb	6.2	48.47
1/4	6.0	48.67
Center	5.5	49.17
1/4	5.0	49.67
Curb	4.2	50.47
E. line 18th	3.8	50.87

175' South of H ✓		
E. line 18th	2.8	51.87
Curb	3.1	51.57
1/4	3.5	51.17
Center	4.3	50.37
1/4	5.4	49.27
Curb	5.9	48.77
W. line 18th	6.8	48.87
200' South of H ✓		
W. line 18th	5.4	49.27
Curb	5.1	49.57
1/4	5.0	49.67
Center	4.8	49.87
1/4	3.4	51.27
Curb	2.6	52.07
E. line 18th	2.6	52.07
225' South of H ✓		
E. line 18th	2.2	52.47
Curb	2.7	51.97

1/4		3.5		51.17
Center		4.2		50.47
1/4		4.6		50.07
Curb		4.6		50.07
N. line 18th		4.8		49.87
250' South of H ✓				
N. line 18th		4.4		50.27
Curb		4.3		50.37
1/4		3.6		51.07
Center		3.2		51.47
1/4		1.9		52.77
Curb		0.8		53.87
E. line 18th		0.4		54.27
T. P.	10.43	1.93	63.09	52.66
275' South of H ✓				
N. line 18th		12.6		50.49
Curb		12.3		50.79
1/4		11.9		51.19
Center		11.4		51.69
1/4		10.4		52.69
Curb		8.5		54.59
E. line 18th		7.6		55.49
North line of ✓ (302' South of H)				
E. line 18th		8.3 7.6		54.79
Curb		9.2		53.89
1/4		9.5		53.59
Center		10.3		52.79
1/4		10.6		52.49
Curb		11.8		51.29
N. line 18th		11.5		51.59
B.M.	11.70	11.01	63.78	52.08
2/27/03				
Curb, N. side of ✓				
N. line 18th		12.6		51.18
Curb		11.7		52.08
1/4		11.3		52.48
Center		11.1		52.68

1/4	10.2	53.58
Curb	9.8	53.98
E. line 18th	9.6	54.18
	1/4, N. side of ✓	
E. line 18th	9.1	54.68
Curb	9.6	54.18
1/4	9.9	53.88
Center	10.3	53.48
1/4	10.7	53.08
Curb	11.1	52.68
W. line 18th	11.7	52.08
	Center of ✓	
W. line 18th	11.6	52.18
Curb	11.2	52.58
1/4	10.7	53.08
Center	10.3	53.48
1/4	9.9	53.88
Curb	9.6	54.18

E. line 18th	9.3	54.48
	1/4, S. side of ✓	
E. line 18th	9.4	54.38
Curb	9.6	54.18
1/4	9.8	53.98
Center	10.3	53.48
1/4	10.7	53.08
Curb	11.3	52.48
W. line 18th	11.8	51.98
	Curb, S. side of ✓	
W. line 18th	12.1	51.68
Curb	12.2	51.58
1/4	11.6	52.18
Center	11.3	52.48
1/4	10.5	53.28
Curb	10.4	53.38
E. line 18th	10.1	53.68

South line of Ⓒ ✓

E. line 18th	9.3	54.48
Curb	9.9	53.88
1/4	10.1	53.68
Center	10.7	53.08
1/4	11.3	52.48
Curb	11.7	52.08
W. line 18th	11.4	52.38

25' South of Ⓒ ✓

W. line 18th	10.0	53.78
Curb	10.2	53.58
1/4	10.9	52.88
Center	10.0	53.78
1/4	9.5	54.28
Curb	9.1	54.68
E. line 18th	8.1	55.68

50' South of Ⓒ ✓

E. line 18th	7.3	56.48
Curb	7.8	55.98
1/4	8.4	55.38
Center	8.7	55.08
1/4	9.4	54.38
Curb	9.1	54.68
W. line 18th	8.9	54.88

75' South of Ⓒ ✓

W. line 18th	7.9	55.88
Curb	7.6	56.18
1/4	7.9	55.88
Center	7.4	56.38
1/4	7.4	56.38
Curb	6.8	56.98
E. line 18th	6.0	57.78

100' South of Ⓒ ✓

E. line 18th	4.4	59.38
Curb	5.4	58.38
1/4	5.9	57.88
Center	5.9	57.88

1/4	6.8	56.98
Curb	6.9	56.88
W. line 18th	7.5	56.28
125' South of A ✓		
W. line 18th	7.7	56.08
Curb	7.0	56.78
1/4	6.5	57.28
Center	5.2	58.58
1/4	4.7	59.08
Curb	3.7	60.08
E. line 18th	2.6	61.18
150' South of A ✓		
E. line 18th	1.8	61.98
Curb	2.6	61.18
1/4	4.1	59.68
Center	4.4	59.38
1/4	5.6	58.18
Curb	6.9	56.88
W. line 18th	7.5	56.28
175' South of A ✓		
W. line 18th	7.4	56.38
Curb	6.8	56.98
1/4	5.7	58.08
Center	4.4	59.38
1/4	3.7	60.08
Curb	2.1	61.68
E. line 18th	1.2	62.58
200' South of A ✓		
E. line 18th	1.4	62.38
Curb	2.3	61.48
1/4	3.4	60.38
Center	4.1	59.68
1/4	5.8	57.98
Curb	6.7	57.08
W. line 18th	7.2	56.58

225' South of A ✓

W. line 18ft	8.0	55.78
Curb	7.6	56.18
1/4	6.4	57.38
Center	5.0	58.78
1/4	4.2	59.58
Curb	3.3	60.48
E. line 18ft	2.3	61.48

250' South of A ✓

E. line 18ft	3.0	60.78
Curb	4.4	59.38
1/4	5.4	58.38
Center	6.1	57.68
1/4	7.3	56.48
Curb	8.4	55.38
W. line 18ft	8.7	55.08

275' South of A ✓

W. line 18ft	9.6	54.18
Curb	9.3	54.48
1/4	8.4	55.38
Center	7.0	56.78
1/4	6.9	56.88
Curb	6.2	57.58
E. line 18ft	4.2	59.58

North line of A

E. line 18ft	Perp. 4.8	
	7.0	56.78
Curb	Perp. 6.9	
	8.0	55.78
1/4	8.0	55.78
Center	8.1	55.68
1/4	9.0	54.78
Curb	10.0	53.78
W. line 18ft	10.0	53.78

Curb, N. side of A

W. line 18ft	10.1	53.68
Curb	10.1	53.68
1/4	9.3	54.48
Center	8.9	54.88

1/4	8.4	55.38
Cent	8.2	55.58
E. line 18th	7.7	56.08
1/4, N. Side of 18th		
E. line 18th	7.4	56.38
Cent	7.7	56.08
1/4	8.1	55.68
Center	8.6	55.18
1/4	9.4	54.38
Cent	9.6	54.18
W. line 18th	9.8	53.98
Center of J		
W. line 18th	9.7	54.08
Cent	9.2	54.58
1/4	9.0	54.78
Center	8.5	55.28
1/4	8.1	55.68
Cent	7.7	56.08

E. line 18th	7.3	56.48
1/4, So. Side of J		
E. line 18th	7.4	56.38
Cent	7.4	56.38
1/4	7.9	55.88
Center	8.4	55.38
1/4	8.9	54.88
Cent	9.5	54.28
W. line 18th	9.8	53.98
Cent, So. Side of J		
W. line 18th	11.0	52.78
Cent	10.1	53.68
1/4	9.5	54.28
Center	8.7	55.08
1/4	8.4	55.38
Cent	8.2	55.58
E. line 18th	7.8	55.98

South line of J

E. line 18ft		7.5		56.28
Curb		8.0		55.78
1/4		8.5		55.28
Center		8.8		54.98
1/4		9.3		54.48
Curb		9.6		54.18
W. line 18ft		10.0		53.78
T. P.	4.22	8.83	59.17	54.95

25' South of J ✓

W. line 18ft		5.6		53.57
Curb		5.1		54.07
1/4		4.7		54.47
Center		3.2		55.97
1/4		3.2		55.97
Curb		2.3		56.87
E. line 18ft		1.7		57.47

50' South of J ✓

E. line 18ft		2.3		56.87
Curb		3.1		56.07
1/4		3.5		55.67
Center		4.0		55.17
1/4		4.5		54.67
Curb		5.1		54.07
W. line 18ft		5.6		53.57

75' South of J ✓

W. line 18ft		5.4		53.77
Curb		5.0		54.17
1/4		4.2		54.97
Center		3.7		55.47
1/4		3.4		55.77
Curb		2.9		56.27
E. line 18ft		2.5		56.67

100' South of J ✓

E. line 18ft		3.0		56.17
Curb		3.4		55.77
1/4		3.5		55.67

Center	3.6	55.57
1/4	4.2	54.97
Curb	4.9	54.27
W. line 18th	5.2	53.97
125' South of J ✓		
W. line 18th	4.5	54.67
Curb	4.6	54.57
1/4	4.2	54.97
Center	3.8	55.37
1/4	3.9	55.27
Curb	3.4	55.77
E. line 18th	2.7	56.47
150' South of J ✓		
E. line 18th	3.3	55.87
Curb	4.0	55.17
1/4	4.0	55.17
Center	4.1	55.07
1/4	4.6	54.57

Curb	5.3	53.87
W. line 18th	5.4	53.77
175' South of J ✓		
W. line 18th	5.7	53.47
Curb	5.6	53.57
1/4	5.1	54.07
Center	4.3	54.87
1/4	4.4	54.77
Curb	3.9	55.27
E. line 18th	3.5	55.67
200' South of J ✓		
E. line 18th	3.6	55.57
Curb	4.4	54.77
1/4	4.7	54.47
Center	4.3	54.87
1/4	5.7	53.47
Curb	6.0	53.17
W. line 18th	6.0	53.17

225' South of ℄ ✓

W. line 18th	6.5		52.67
Curb	5.8		53.37
1/4	6.0		53.17
Center	5.1		54.07
1/4	4.8		54.37
Curb	4.6		54.57
E. line 18th	3.9		55.27

250' South of ℄ ✓

E. line 18th	4.1		55.07
Curb	4.2		54.97
1/4	4.4		54.77
Center	5.7		53.47
1/4	6.2		52.97
Curb	6.3		52.87
W. line 18th	6.6		52.57

275' South of ℄ ✓

W. line 18th	7.0		52.17
Curb	6.5		52.67
1/4	6.0		53.17
Center	5.8		53.37
1/4	5.1		54.07
Curb	4.7		54.47
E. line 18th	4.4		54.77

North line K ✓

E. line 18th	4.5		54.67
Curb	5.2		53.97
1/4	5.8		53.37
Center	6.0		53.17
1/4	6.5		52.67
Curb	7.2		51.97
W. line 18th	6.9		52.27
18th and K B. M.	7.04	Corrected (59.14) 52.13	52.10

Curb. No. side of K ✓

W. line 18th	7.9		51.24
Curb	7.3		51.84
1/4	6.6		52.54

Center	6.1	53.01
1/4	5.9	53.21
Curb	5.6	53.51
E. line 18th	5.3	53.81
1/4 No. side of K ✓		
E. line 18th	4.8	54.31
Curb	5.1	54.01
1/4	5.5	53.61
Center	6.0	53.11
1/4	6.4	52.71
Curb	6.8	52.31
W. line 18th	7.5	51.61
Center of K ✓		
W. line 18th	7.3	51.81
Curb	6.8	52.31
1/4	6.5	52.61
Center	6.1	53.01
1/4	5.7	53.41

Curb	5.4	53.71
E. line 18th	5.0	54.11
1/4, So. side of K ✓		
E. line 18th	4.6	54.51
Curb	5.2	53.91
1/4	5.5	53.61
Center	6.0	53.11
1/4	6.6	52.51
Curb	7.1	52.01
W. line 18th	7.6	51.51
Curb, So. side of K ✓		
W. line 18th	7.9	51.21
Curb	7.7	51.41
1/4	6.6	52.51
Center	5.9	53.21
1/4	5.8	53.31
Curb	5.5	53.61
E. line 18th	4.8	54.31

South side of K ✓

E. line 18th	5.2			53.94
Curb	5.5			53.64
1/4	6.3			52.84
Center	6.4			52.74
1/4	7.5			51.64
Curb	7.5			51.64
W. line 18th	7.6			51.54
T.R 4.11	7.14	56.11	52.00	

25' So. of K ✓

W. line 18th	5.4			50.71
Curb	5.4			50.71
1/4	4.7			51.41
Center	4.4			51.71
1/4	3.9			52.21
Curb	3.1			53.01
E. line 18th	2.4			53.71

50' South of K ✓

E. line 18th	2.7			53.41
Curb	3.3			52.81
1/4	4.5			51.61
Center	4.6			51.51
1/4	4.8			51.31
Curb	5.1			51.01
W. line 18th	5.7			50.41

75' South of K ✓

W. line 18th	5.9			50.21
Curb	5.6			50.51
1/4	5.1			51.01
Center	4.7			51.41
1/4	4.5			51.61
Curb	3.4			52.71
E. line 18th	3.0			53.11

100' South of K ✓

E. line 18th	2.8			53.31
Curb	3.9			52.21
1/4	4.4			51.71

Center	4.5	51.61
1/4	4.9	51.21
Curb	5.5	50.61
W. line 18th	5.8	50.31
125' South of K ✓		
W. line 18th	6.2	49.91
Curb	6.1	50.01
1/4	4.7	51.41
Center	3.6	52.51
1/4	4.1	52.01
Curb	3.9	52.21
E. line 18th	3.1	53.01
150' South of K ✓		
E. line 18th	3.0	53.11
Curb	3.6	52.51
1/4	3.9	52.21
Center	4.5	51.61
1/4	5.2	50.91

Curb	6.1	50.01
W. line 18th	6.7	49.41
175' South of K ✓		
W. line 18th	6.0	50.11
Curb	6.1	50.01
1/4	5.6	50.51
Center	4.6	51.51
1/4	4.0	52.11
Curb	3.6	52.51
E. line 18th	2.6	53.51
200' South of K ✓		
E. line 18th	3.0	53.11
Curb	3.6	52.51
1/4	4.0	52.11
Center	4.8	51.31
1/4	5.6	50.51
Curb	6.2	49.91
W. line 18th	6.8	49.31

225' South of K ✓

W. line 18th	6.4		49.71
Curb	5.8		50.31
1/4	5.1		51.01
Center	4.3		51.81
1/4	3.8		52.31
Curb	3.4		52.71
E. line 18th	3.4		52.71

250' South of K ✓

E. line 18th	3.4		52.71
Curb	3.6		52.51
1/4	3.7		52.41
Center	4.2		51.91
1/4	5.1		51.01
Curb	5.7		50.41
W. line 18th	5.9		50.21

275' South of K ✓

W. line 18th	5.7		50.41
Curb	5.4		50.71
1/4	4.5		51.61
Center	4.0		52.11
1/4	3.7		52.41
Curb	2.7		53.41
E. line 18th	2.9		53.21

North line of L ✓

E. line 18th	2.6		53.51
Curb	2.9		53.21
1/4	3.2		52.91
Center	3.7		52.41
1/4	5.0		51.11
Curb	5.5		50.61
W. line 18th	5.9		50.21
18th & L B.M.	4.69	6.61	54.19	49.50

Curb, No. side of L

W. line 18th	4.6		49.59
Curb	3.9		50.29
1/4	3.3		50.89

Center	2.3	51.89
1/4	1.8	52.39
Curb	0.8	53.39
E. line 18th	0.4	53.79
1/4, No. Side of L		
E. line 18th	0.6	53.59
Curb	1.3	52.89
1/4	1.9	52.29
Center	2.8	51.39
1/4	3.6	50.59
Curb	4.2	49.99
W. line 18th	4.9	49.29
Center of L		
W. line 18th	5.6	48.59
Curb	4.9	49.29
1/4	4.3	49.89
Center	3.2	50.99
1/4	2.4	51.79

Curb	1.6	52.59
E. line 18th	0.9	53.29
1/4, So. Side of L		
E. line 18th	1.8	52.39
Curb	2.2	51.99
1/4	3.1	51.09
Center	3.5	50.69
1/4	4.5	49.69
Curb	5.5	48.69
W. line 18th	6.3	47.89
Curb, So. Side of L		
W. line 18th	6.5	47.69
Curb	5.4	48.79
1/4	4.3	49.89
Center	3.5	50.69
1/4	3.3	50.89
Curb	2.6	51.59
E. line 18th	1.9	52.29

South line of L ✓

E. line 18th	2.2	51.99
Curb	2.7	51.49
1/4	3.2	50.99
Center	3.9	50.29
1/4	4.6	49.59
Curb	5.3	48.89
W. line 18th	6.7	47.49

25' South of L ✓

W. line 18th	5.2	48.99
Curb	4.4	49.79
1/4	3.5	50.69
Center	2.8	51.39
1/4	2.7	51.49
Curb	2.5	51.69
E. line 18th	2.3	51.89

50' South of L ✓

E. line 18th	1.9	52.29
Curb	2.1	52.09
1/4	2.8	51.39
Center	3.1	51.09
1/4	3.7	50.49
Curb	4.3	49.89
W. line 18th	5.5	48.69

75' South of L ✓

W. line 18th	6.3	47.89
Curb	5.5	48.69
1/4	4.7	49.49
Center	4.1	50.09
1/4	4.1	50.09
Curb	3.5	50.69
E. line 18th	2.9	51.29

100' South of L ✓

E. line 18th	4.2	49.99
Curb	4.4	49.79
1/4	4.6	49.59
Center	5.1	49.09

1/4	5.8		48.39
Curb	6.4		47.79
W. line 18th	7.3		46.89
125' South of Z ✓			
W. line 18th	8.0		46.19
Curb	8.1		46.09
1/4	7.5		46.69
Center	6.5		47.69
1/4	6.0		48.19
Curb	5.4		48.79
E. line 18th	4.8		49.39
150' South of Z ✓			
E. line 18th	5.6		48.59
Curb	6.2		47.99
1/4	6.8		47.39
Center	6.9		47.29
1/4	7.8		46.39
Curb	8.6		45.59
W. line 18th	8.8		45.39
175' South of Z ✓			
W. line 18th	10.3		43.89
Curb	9.9		44.29
1/4	8.9		45.29
Center	8.6		45.59
1/4	7.9		46.29
Curb	6.8		47.39
E. line 18th	5.8		48.39
200' South of Z ✓			
E. line 18th	6.4		47.79
Curb	7.0		47.19
1/4	7.8		46.39
Center	8.5		45.69
1/4	9.3		44.89
Curb	9.9		44.29
W. line 18th	10.6		43.59
T. P.	3.70	10.84	47.05	43.35

225' South of L ✓

W. line 18th	4.7	42.35
Curb	3.2	43.85
1/4	2.3	44.75
Center	1.3	45.75
1/4	0.8	46.25
Curb	0.3	46.75
E. line 18th	0.0	47.05

250' South of L ✓

E. line 18th	+0.2	47.25
Curb	0.5	46.55
1/4	1.0	46.05
Center	1.5	45.55
1/4	2.7	44.35
Curb	3.6	43.45
W. line 18th	5.1	41.95

275' South of L ✓

20'	7.2	39.85
W. line 18th	5.9	41.15
Curb	4.7	42.35
1/4	3.5	43.55
Center	2.5	44.55
1/4	2.0	45.05
Curb	1.2	45.85
E. line 18th	0.6	46.45

North line of M ✓

E. line 18th	1.1	45.95
Curb	1.8	45.25
1/4	2.3	44.75
Center	3.1	43.95
1/4	4.3	42.75
Curb	5.6	41.45
W. line 18th	6.6	40.45
20'	7.7	39.35

Curb, North side of M ✓

20'	8.1	38.95
W. line 18th	6.8	40.25

Curb	5.4	41.65
1/4	4.5	42.55
Centa	3.4	43.65
1/4	2.8	44.25
Curb	2.4	44.65
E. line 18th	2.0	45.05
1/4, No. Side of M ✓		
E. line 18th	2.5	44.55
Curb	3.1	43.95
1/4	3.8	43.25
Centa	4.6	42.45
1/4	5.5	41.55
Curb	6.0	41.05
W. line 18th	6.4	40.65
+ 20'	8.2	38.85
3' North of Centa of M. ✓		
W. line 18th	3.5	43.55
Curb	3.0	44.05
1/4	2.4	44.65
Centa	1.9	45.15
1/4	2.4	44.65
Centa	1.9	46.15
1/4	1.5	45.55
Curb	1.0	46.05
E. line 18th	0.5	46.55
Centa of M ✓		
E. line 18th	0.5	46.55
Curb	1.0	46.05
1/4	1.5	45.55
Centa	1.9	45.15
1/4	2.4	44.65
Curb	3.0	44.05
W. line 18th	3.5	43.55
3' South of the Centa of M ✓		
W. line 18th	3.5	43.55
Curb	3.0	44.05
1/4	2.4	44.65
Centa	1.9	45.15

1/4	1.5	45.55
Curb	1.0	46.05
E. line 18ft	0.5	46.55

1/4, So. Side of M ✓

E. line 18ft	2.4	44.65
Curb	3.4	43.65
1/4	4.1	42.95
Center	4.8	42.25
1/4	5.8	41.25
Curb	6.5	40.55
W. line 18ft	7.4	39.65
↓ 20	8.7	38.35

Curb, So. side of M ✓

20	9.1	37.95
W. line 18ft	8.0	39.05
Curb	7.0	40.05
1/4	5.9	41.15
Center	4.8	42.25

1/4	4.1	42.95
Curb	3.5	43.55
E. line 18ft	2.7	44.35

South line of M ✓

E. line 18ft	1.4	45.65
Curb	3.1	43.95
1/4	4.0	43.05
Center	4.8	42.25
1/4	5.7	41.35
Curb	6.8	40.25
W. line 18ft	8.0	39.05
↓ 20	9.0	38.05

25' South of M. ✓

20	9.5	37.55
W. line 18ft	8.0	39.05
Curb	6.7	40.35
1/4	5.9	41.15
Center	4.9	42.15

1/4	4.3	42.75
Curb	3.0	44.05
E. line 18th	0.6	46.45
	50' South of M ✓	
E. line 18th	2.0	45.05
Curb	2.8	44.25
1/4	3.9	43.15
Center	4.6	42.45
1/4	6.0	41.05
Curb	7.0	40.05
N. line 18th	8.0	39.05
+ 20'	9.6	37.45
	75' South of M ✓	
N. line 18th	7.4	39.65
Curb	6.6	40.45
1/4	6.3	40.75
Center	5.2	41.85
1/4	4.7	42.35

Curb	3.7	43.35
E. line 18th	3.2	43.85
	100' South of M. ✓	
E. line 18th	3.8	43.25
Curb	4.8	42.25
1/4	5.2	41.85
Center	5.6	41.45
1/4	6.6	40.45
Curb	7.5	39.55
N. line 18th	8.4	38.65
	125' South of M. ✓	
N. line 18th	8.6	38.45
Curb	7.6	39.45
1/4	6.6	40.45
Center	6.3	40.75
1/4	6.0	41.05
Curb	5.3	41.75
E. line 18th	4.8	42.25

150' South of M. ✓

E. line 18th	6.5	40.35
Curb	6.7	40.35
1/4	6.8	40.25
Center	6.6	40.43
1/4	7.5	39.55
Curb	8.9	38.15
W. line 18th	9.8	37.25

175' South of M. ✓

W. line 18th	10.4	3665.
Curb	9.8	37.25
1/4	8.9	38.15
Center	7.9	39.15
1/4	8.0	39.05
Curb	7.8	39.25
E. line 18th	7.6	39.45

200' South of M. ✓

E. line 18th	9.2	37.85
Curb	9.4	37.65
1/4	9.4	37.65
Center	9.5	37.55
1/4	10.0	37.05
Curb	11.1	35.95
W. line 18th	11.1	35.95
T. P. 3.79	12.94	37.90 34.11

225' South of M. ✓

W. line 18th	3.5	34.40
Curb	3.0	34.90
1/4	2.1	35.80
Center	1.8	36.10
1/4	2.1	35.80
Curb	2.2	35.70
E. line 18th	1.9	36.00

250' South of M. ✓

E. line 18th	4.3	33.60
Curb	4.4	33.50
1/4	5.0	32.90

Center	4.3	33.60
1/4	5.2	32.70
Curb	5.8	32.10
N. line 18th	5.8	32.10
275. South of N. ✓		
N. line 18th	7.9	30.00
Curb	8.0	29.90
1/4	7.6	30.30
Center	7.5	30.40
1/4	7.7	30.20
Curb	7.2	30.70
E. line 18th	6.8	31.10
North line of N ✓		
E. line 18th	8.9	29.90
Curb	9.5	29.40
1/4	9.3	29.60
Center	9.6	29.30
1/4	9.5	29.40

Curb		10.6			29.30
W. line 18th		10.3			29.60
T.P. 19th & N.	5.55	10.08	33.37	27.82	
B.M.		4.62		28.75	

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	10.89	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	19.08	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.		

Published by H. S. Crocker Company, Stationers, Drawing Materials, Mathematical Instruments, etc., San Francisco.