Cross-Section of
Thorn St
Spruce "
Redwood "
Quince "
Palm "
Olive "
3rd 400 " "

LEVEL

Levels – Intersection Union & Juniper.

226

F.B. 226

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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City Hall, San Diego, Cal.

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, for horizontal measurement.

MICROFILMED
DEC 3 1964

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

226

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279.64
7.13
286.77
6.86
— 279.91
0.29
280.20
11.26
268.94
0.53
269.47 HT

THORN ST, FIRST TO CITY PARK

1

57 Hill
20 Wetmore
05 Thomas Thorn St

E line First St.
269.47

N	13.1	256.4
Cb.	13.2	256.3
1/4	13.3	256.2
C	13.2	256.3
1/4	12.7	256.8
Cb.	12.0	257.5
S.	11.4	258.1

25 ft. E of First St.

N	11.1	258.4
Cb.	11.2	258.3
1/4	11.0	258.5
C	10.3	259.2
1/4	9.4	260.1
Cb	8.3	261.2
S	8.1	261.4

26947

50 ft E of First St

N		7.9	261.6
Cb.		7.8	261.7
1/4		7.8	261.7
C		7.3	262.2
1/4		6.4	263.1
Cb.		5.2	264.3
S		4.2	265.3

75 ft E of First St

N		5.6	263.9
Cb.		5.7	263.8
1/4		5.0	264.5
C		4.9	264.6
1/4		4.3	265.2
N		3.3	266.2
S		2.1	267.4

26947

100 ft E of First St

S		0.8	268.7
Cb.		1.3	268.2
1/4		1.8	267.7
C		2.3	267.2
1/4		3.6	265.9
Cb.		3.8	265.7
N		3.7	265.8
	8.07	277.01	0.53	268.94

123 ft E of First St.

N		9.3	267.7
Cb		9.0	268.0
1/4		9.0	268.0
C		8.7	268.3
1/4		7.5	269.5
Cb.		7.2	269.8
S		7.1	269.9

277.01

150 ft E of First St

S		5.8	271.2
Cb.		6.2	270.8
1/4		6.0	271.0
C		6.0	271.0
1/4		6.0	270.8
Cb.		6.8	270.2
N		7.1	269.9

175 ft E of First St

N		5.3	271.7
Cb		4.9	272.1
1/4		4.8	272.2
C		4.6	272.4
1/4		4.3	272.7
Cb		4.2	272.8
S		4.4	272.6

277.01

200 ft E of First. - W. line 2nd

S		2.9	274.1
Cb.		3.1	273.9
1/4		3.1	273.9
C		2.8	274.2
1/4		2.7	274.3
Cb.		2.9	274.1
N		3.2	274.8
	6.20	286.11	279.91

E. Line 2nd St.

N.		8.9	277.2
Cb.		9.0	277.1
1/4		9.1	277.0
C		9.2	276.9
1/4		9.3	276.8
Cb.		9.3	276.8
S		9.4	276.7

286.11

25 ft E of 2d

S	8.5	277.6
Cb.	8.3	277.8
1/4	8.2	277.9
C	8.2	277.9
1/4	8.2	277.9
Cb.	8.0	278.0
N	8.0	278.0

50 ft E of 2d

N	7.3	278.7
Cb.	7.5	278.6
1/4	7.5	278.6
C	7.6	278.5
N/4	7.3	278.8
Cb.	7.8	278.3
S	7.8	278.3

286.11

75 ft E of 2d

S	7.2	278.9
Cb	7.2	278.9
1/4	7.3	278.8
C	7.0	279.1
1/4	7.0	279.1
Cb	7.0	279.1
N	6.5	279.6

100 ft E of 2d

N	6.3	279.8
Cb.	6.4	279.7
1/4	6.5	279.6
C	6.4	279.5
1/4	6.7	279.4
Cb.	6.9	279.2
S	6.8	279.3

286.11

125 ft E of 2d

S	6.5	279.6
cb.	6.4	279.7
1/4	6.3	279.8
C	6.1	280.0
1/4	6.2	279.7
cb	5.8	280.3
N	5.5	280.6

150 ft E of 2d

N	5.5	280.6
cb.	5.7	280.4
1/4	5.9	280.2
C	5.8	280.3
1/4	5.9	280.2
cb.	5.8	280.3
S	6.1	280.0

286.11

175 ft E of 2d

S	5.8	280.3
cb.	5.5	280.6
1/4	5.2	280.9
C	5.6	280.5
1/4	5.3	2808
cb.	5.0	281.0
N	5.0	281.0

200 ft E of 2d — W. line 3d

N	5.2	280.9
cb.	5.2	280.9
1/4	5.3	280.8
C	5.4	280.7
1/4	5.4	280.7
cb	5.5	280.6
S	5.6	280.5

T86.11

W Cb. 3d

S	5.3	280.8
Cb.	5.2	280.9
1/4	5.1	281.0
C	5.2	280.9
1/4	5.0	281.0
Cb.	4.8	281.3
N	4.4	281.7

W 1/4 3d

N	4.4	281.7
Cb	4.7	281.4
1/4	4.8	281.3
C	5.2	280.9
1/4	5.0	281.0
Cb.	5.[illegible]	280.9
S	5.3	280.8

T86.11

Cr. 3d

S	5.2	280.7
Cb.	5.0	281.1
1/4	4.7	281.4
C	4.8	281.3
1/4	4.7	281.4
Cb.	4.7	281.4
N	4.6	281.5

E 1/4 3d

N.	4.5	281.6
Cb.	4.6	281.5
1/4	4.6	281.6
C	4.2	281.9
1/4	4.8	281.3
Cb.	5.0	281.1
S	5.1	281.0

286.11

E Cb. 3q

S	4.9	281.2
Cb.	4.8	281.3
1/4	4.7	281.4
C	4.8	281.3
1/4	4.7	281.4
Cb.	4.5	281.6
N	4.4	281.7

E Line 3q

N	4.5	281.6
Cb.	4.4	281.7
1/4	4.1	282.0
C	4.5	281.6
1/4	4.7	281.4
Cb.	4.8	281.3
S.	5.0	281.0

286.11

25ft E of 3q

S	4.6	281.5
Cb.	4.1	282.0
1/4	4.6	281.5
C	4.4	281.7
1/4	4.4	281.7
Cb.	4.3	281.8
N	4.1	282.0

50ft E of 3q

N	3.4	282.7
Cb.	3.8	282.3
1/4	4.0	282.1
C	4.2	281.9
1/4	4.2	281.9
Cb.	4.1	282.0
S	4.5	281.6

286.11

75 ft E of 3d

S	4.4	281.7
Cb.	4.3	281.8
1/4	4.2	281.9
C	4.1	282.0
1/4	3.8	282.3
Cb.	3.6	282.5
N	3.4	282.7

100 ft E of 3d

N	3.1	283.0
Cb	3.4	282.7
1/4	3.5	282.6
C	3.9	282.2
1/4	4.0	282.1
Cb.	4.0	282.1
S	3.9	282.2

286.11

125 ft E of 3d

S	4.1	282.0
Cb.	3.9	282.1
1/4	3.9	282.1
C	3.2	282.9
1/4	3.1	283.1
Cb.	3.3	282.8
N	2.9	283.2

150 ft E of 3d

N	2.9	283.2
Cb.	3.2	282.9
1/4	3.2	282.9
C	3.5	282.6
1/4	4.4	281.7
Cb.	4.4	281.7
S	5.0	281.1

286.11

175 ft E of 3rd

S	6.2	279.7
cb.	6.1	280.0
1/4	5.4	280.7
C	4.5	281.6
1/4	3.8	282.3
cb.	3.7	282.4
N	3.5	282.6

190 ft E of 3rd

N	4.9	281.2
cb.	4.5	281.6
1/4	5.1	281.0
C	5.6	280.5
1/4	6.5	279.6
cb.	6.9	279.2
S	6.9	279.2

286.11

200 ft E of 3rd - W line 4th

S	7.0	279.1
cb.	7.2	278.9
1/4	6.8	279.3
C	6.6	279.6
1/4	6.2	279.9
cb.	6.7	279.4
N	6.5	279.6

6.83 286.47 279.64

E line 4th.

N	7.0	279.5
cb.	7.1	279.4
1/4	7.5	279.0
C	7.4	279.1
1/4	7.9	278.6
cb.	7.6	278.9
S	7.4	279.1

286.47

5 ft. E of 4th

S	10.0	276.5
Cb	9.8	276.7
1/4	9.4	277.1
C	9.1	277.4
1/4	8.7	277.8
Cb	8.4	278.1
N	7.6	278.9

25 ft E of 4th

N	7.2	279.3
Cb	8.5	278.0
1/4	8.7	277.8
C	9.0	277.5
1/4	9.1	277.4
Cb	9.1	277.4
S	9.3	277.1

286.47

50 ft E of 4th

S	8.4	278.1
Cb	7.8	278.7
1/4	8.0	278.5
C	7.4	279.1
1/4	7.4	279.1
Cb	7.6	278.9
N	6.9	279.6

75 ft. E of 4th

N	6.5	280.0
Cb	6.3	280.2
1/4	6.4	280.1
C	6.4	280.1
1/4	6.7	279.4
Cb	7.2	279.3
S	7.7	278.8

286.47

150 ft E of 4th

S	7.2	279.3
Cb.	6.1	280.4
1/4	5.3	281.2
C	4.5	282.0
1/4	4.4	282.1
Cb.	4.5	282.0
N	5.6	280.9

125 ft E of 4th

N	4.7	281.8
5'	3.4	283.1
Cb.	3.5	283.0
1/4	3.9	282.6
C	4.4	282.1
1/4	5.1	281.4
Cb.	5.9	280.6
S	6.8	279.7

286.47

150 ft E of 4th

S	7.2	279.3
Cb.	6.5	280.0
1/4	5.9	280.6
C	5.1	281.4
1/4	4.6	281.9
Cb.	4.1	282.4
N	4.2	282.3

175 ft E of 4th

N	5.1	281.4
Cb.	5.2	281.3
1/4	5.8	280.7
C	6.1	280.4
1/4	6.5	280.0
Cb.	7.1	279.4
S	7.4	279.1

28647

193 ft E of 4th

S	7.1	279.4
ab.	6.9	279.6
1/4	6.7	279.8
C	6.2	280.3
1/4	6.0	280.5
ab.	5.5	281.0
N	5.0	281.5

200 ft E of 4th - White 5th

N	4.3	282.2
ab	4.6	281.9
1/4	5.2	281.3
C	5.1	281.4
1/4	5.0	281.5
ab.	5.1	281.4
S	4.8	281.7

28647

E line 5th

S	4.3	282.2
ab.	4.6	281.9
1/4	4.3	282.2
C	4.1	282.5
1/4	4.1	282.4
ab.	4.1	282.4
N	3.9	282.6

25 ft E of 5th

N.	2.5	284.0
ab	2.9	283.6
1/4	3.6	282.9
C	3.7	282.8
1/4	4.0	282.5
ab.	3.9	282.6
S	3.8	283.7

SI

28647

50 ft E of 5 Hr

S	2.6	283.9
d.	2.7	283.8
1/4	2.8	283.7
C	2.7	283.8
1/4	1.7	284.8
d.	1.8	284.7
N	1.6	284.9

75 ft E of 5 Hr

N	0.8	285.7
d	0.9	285.6
1/4	1.3	285.2
C	1.6	284.9
1/4	1.7	284.8
d.	1.6	284.9
S	1.4	285.1

T.P. 6.32 29145 1.34 285.13

29145

100 ft E of 5 Hr

S	5.6	285.9
d.	5.7	285.8
1/4	5.8	285.7
C	5.8	285.7
1/4	5.6	285.9
d.	5.3	286.2
N	5.4	286.1

125 ft E of 5 Hr

N	4.8	286.7
d.	4.9	286.6
1/4	5.1	286.4
C	5.2	286.3
1/4	5.4	286.1
d	5.3	286.2
S	5.3	286.2

291.45

150 ft E of 5th

S	4.7	286.8
cb	4.9	286.6
1/4	4.9	286.6
C	4.6	286.9
1/4	4.5	287.0
cb.	4.5	287.0
N	4.5	287.0

175 ft E of 5th

N	4.0	287.5
cb	4.0	287.5
1/4	4.1	287.4
C	4.2	287.3
1/4	4.3	287.2
cb.	4.5	287.0
S	4.2	287.3

Thorin St.

291.45

202.7 E of 5th - W line Park.

S	3.9	287.6
cb.	4.0	287.5
1/4	3.9	287.6
C	3.9	287.6
1/4	3.7	287.8
cb.	3.5	288.0
N.	3.5	288.0

Spruce St

SPRUCE ST, FIRST TO CITY PARK

	7.16	280.34		273.18
	0.58	273.17	7.75	272.59
	2.60	265.25	10.52	262.65
East Line of 1st				
So L.			12.1	253.2
—			11.6	253.9
4			11.3	254.0
Ct.			11.1	254.2
4			10.4	254.9
—			10.0	255.3
No L.			9.7	255.6
25' East of 1st				
No L.			8.2	257.1
—			8.6	256.7
4			8.4	256.9
Ct.			9.0	256.3
4			8.9	256.4

from East Line of 1st to City Park

5/22/05 Hutchison Evans Scriven

Curb		265.25	9.4	255.9
So L.			9.6	255.7
50' East of				
So L			7.2	258.1
—			6.9	258.4
4			7.1	258.2
Ct.			6.9	258.4
4			6.5	258.8
—			6.1	259.2
No L.			5.6	259.7
75' East of				
No L.			2.9	264.4
—			2.0	263.3
4			2.9	262.4
Ct.			3.1	262.2
4			2.7	262.6
—			2.0	263.2
So L			1.1	264.2

	265.25				
	12.83	275.48	2.60	262.65	
	100' East of 1				
Sta L			8.1		267.4
—			9.4		266.1
+			9.7		265.8
Ct.			9.7		265.8
+			9.5		266.0
—			9.3		266.2
N°L.			8.6		266.9
	125' East of				
N°L.			6.2		269.3
—			6.8		268.7
+			7.0		268.5
Ct.			6.7		268.8
+			6.7		268.8
—			6.5		269.0
Sta L.			6.7		269.3

	100' East of			
Sta L.	275.48	4.9		270.6
—		4.8		270.7
+		4.8		270.7
Ct.		4.7		270.8
+		5.2		270.3
—		5.5		270.0
N°L.		5.2		270.3
	175' East of			
N°L		3.9		271.6
—		4.6		270.9
+		3.8		271.7
Ct.		3.7		271.8
+		4.0		271.5
—		4.0		271.5
Sta L.		3.9		271.6

(200) West Line of 2nd

Do L	3,4	272.1
—	3,9	271.6
4	3,6	2719
Ck.	3,8	271.7
4	3,7	271.8
—	3,4	272.1
No L.	3,2	272.3

West Cent Line

No L.	2,9	272.6
—	3,1	272.4
4	3,2	272.3
Ck.	3,4	272.1
4	3,3	272.2
—	3,2	272.3
Do L.	3.5	272.0

West 1/4 Line

Do L	3,3	272.2
—	3,2	272.3
4	3,0	272.5
Ck.	3,0	272.0
4	2,9	272.6
—	2,6	272.9
No L	2,4	273.1

Center Line of 2nd

No L.	2,5	273.0
—	2,4	273.1
4	2,7	272.8
Ck.	2,9	272.6
4	2,8	272.7
—	2,6	272.9
Do L	2,6	272.9

East 1/4 Line

So L	275.48	2,3	273.2
—		2,7	272.8
4		3,1	272.4
Ct.		2,6	272.9
4		2,6	272.9
—		2,1	273.4
No L		2,3	273.2

East Curb Line

No L.		1,6	273.9
—		2,1	273.4
4		2,4	273.1
Ct.		2,5	273.0
4		2,8	272.7
—		2,3	273.2
So L.		2,2	273.3

East Line of 2nd

So L.		1,9	273.6
—		2,2	273.3
4		2,4	273.1
Ct.		2,2	273.3
4		2,0	273.5
—		1,7	273.8
No L		1,2	273.3

25' East of 2nd

No L.		1,0	274.5
—		0,8	274.7
4		1,8	273.7
Ct.		1,6	273.9
4		2,0	273.5
—		2,1	273.4
~~So L~~ 1 No of So Line		2,0	273.5
South Line		0,8	271.7

50' East of 2nd				
So L.	275.48	0.4		274.1
2' N° of So L.		1.6		273.9
Ck.		1.8		273.7
4		1.0		274.5
Ck.		1.2		274.3
4		0.9		274.6
—		0.6		274.9
N° L		0.3		275.2
	5.81 280.19	1.10	274.38	
75' East of				
N° L.		5.2		275.0
—		5.2		275.0
4		5.2		275.0
Ck.		5.4		274.8
4		5.6		274.6
—		6.1		274.1
3' N° of So Line		6.2		274.0
So Line		5.0		275.2

100' East of			
So L.	280.19	4.4	275.8
3' N° of So L		5.6	274.6
—		5.2	275.0
4		5.2	275.0
Ck.		5.9	275.2
4		5.0	275.2
—		5.0	275.2
N° L.		5.2	275.0
125' East of			
N° L.		4.8	275.4
—		4.6	275.6
4		4.6	275.6
Ck.		4.7	275.5
4		4.7	275.5
—		4.7	275.5
1' N' of So L.		5.0	275.2
So L		4.0	276.2

	100' East of			
So L.		28.19	4,2	276.0
—			4,8	275,4
℄			4,7	275,5
Ct.			4,6	275,6
℄			4,6	275.6
—			4,6	275.6
No L.			4,6	275,6
	175 East of			
No L.			4,3	275.9
—			4,5	275,7
℄			4,6	275.6
Ct.			4,7	275,5
℄			4,9	275.3
—			5,0	275.2
So L.			4,4	275,8

(200) West Line of 3		
So L.	3,7	276,5
—	5,2	275,0
℄	5,4	274,8
Ct	5,1	275,1
℄	4,8	275,4
—	4,5	275,7
2' South No Line	4,0	276,2
No L.	2,7	277,5
West Curb Line		
No L.	3,5	276,7
—	5,0	275,2
℄	5,2	275,0
Ct.	5,2	275,0
℄	5,5	274 7
—	5,7	274,0
So L.	4,3	275,7

West 1/4 Line of 3rd

So L.	280.19	4,6	275,6
—		5,1	275,1
∢		5,6	274,6
Ct.		5,2	275,0
∢		5,0	275,2
—		4,7	275,5
No L		3,4	276,8

Center Line of

No L.		3,4	276,8
—		4,6	275,6
∢		5,0	275,2
Ct.		5,4	274,8
∢		5,6	274,6
—		5,0	275,2
So L.		4,4	275,8

East 1/4 Line of

So L.		4,0	276,2
—		4,3	275,9
∢		5,2	275,0
Ct.		5,5	274,7
∢		4,4	275,8
—		4,2	276,0
No L.		3,3	276,9

East Curb Line

No L		2,4	277,8
—		3,9	276,3
∢		4,2	276,0
Ct.		4,4	275,8
∢		4,7	275,5
—		4,3	275,9
So L.		3,5	276,7

2' West of East Line of 3rd

So L.	280.19	4.5	275.7
—		4.4	275.8
4		4.6	275.6
5' Soof Ct.		7.4	272.8
Ct.		7.9	272.3
5' No of Ct.		6.7	273.5
4		5.0	275.0
—		4.0	276.2
No Line		2.0	278.2

East Line of 3rd

No L.		5.5	274.7
2' Soof No Line		6.5	273.7
Ct.		8.4	271.8
4		7.9	272.3
Ct.		8.0	272.2
4		8.3 8.6	271.9
—			271.6
So L		8.0	272.2

25' East of 3rd

So L.		8.3	271.9
—		9.1	271.1
4		8.6	271.6
Ct.		8.5	271.7
4		8.3	271.9
—		8.4	271.8
2' Soof No L		7.2	273.0
No L.		5.1	275.1

50' East of

No L.		7.3	272.5
—		8.4	271.8
4		8.4	271.8
Ct.		8.7	271.5
4		8.7	271.5
—		8.9	271.3
2' No of So Line		8.2	272.0
So Line		12.7	167.5

75' East of

Ro L.	280.19	13.4		
3' N. of Ro L		8.2		272.0
—		8.9		271.3
4		8.5		271.7
Ct.		8.4		271.8
4		8.2		272.0
—		8.6		271.6
N° L.		7.0		273.2
	5.03	277.07	8.15	272.04

100' East of

N° L.		4.5		272.6
—		5.1		272.0
4		5.1		272.0
Ct.		5.4		271.7
4		5.3		271.8
—		5.4		271.7
1' N. of Ro Lne		4.5		272.6
Ro Lne		11.5		265.6

125' East of

Ro L.	277.07	10.1		267.0
4' N. of Ro L.		5.1		272.0
—		5.4		271.7
4		5.2		271.9
Ct.		5.3		271.8
4		5.0		272.1
—		5.4		271.7
N. L		4.5		272.6

100' East of

N° L		4.4		272.7
—		4.8		272.3
4		5.0		272.1
Ct.		5.1		272.0
4		5.1		272.0
—		6.0		271.1
9' N. of Ro Lne		5.4		271.7
Ro L		17.4		264.7

	175' East of				
So L.		277.07	11.7		265.4
3' Mo of So L			5.7		271.4
—			5.7		271.4
∢			5.4		271.7
Ct.			4.8		272.3
∢			5.1		272.0
—			4.7		272.4
Mo L			4.5		272.6
	(200) West Line of 4th				
Mo L			4.8		272.3
—			4.2		272.9
∢			4.6		272.5
Ct.			4.7		272.4
∢			5.4		271.7
—			5.5		271.6
3' Mo of So Line			5.2		271.9
So Line			10.7		266.4

		277.07			
	10.29	283.47	3.89	273.18	
	East Line of 4th				
Mo L.			10.3		273.2
—			10.6		272.9
∢			10.7		272.8
Ct.			10.7		272.8
∢			10.8		272.7
—			11.0		272.0
So L.			10.1		273.4
	25' East of 4th				
So L.			9.3		274.2
—			9.4		274.1
∢			9.4		274.4
Ct.			9.6		273.9
∢			9.5		274.0
—			9.3		274.2
Mo L.			9.0		274.0

50' East of

No L	283,47	7,7	275,8
—		8,2	275,3
4		8,3	275,2
Ct.		8,4	275,1
4		8,3	275,2
—		8,1	275,4
No L.		8,4	275,1

75' East of

No L.		7,8	275,7
—		7,8	275,7
4		8,0	275,5
Ct.		7,8	275,7
4		7,4	276,1
—		7,1	276,4
No Line		7,0	276,5

100' East of

No L		6,9	276,6
—		7,0	276,5
4		6,9	276,6
Ct.		7,3	276,2
4		7,1	276,4
—		6,7	276,8
No L		7,1	276,4

125' East of

No L.		5,6	277,9
—		5,8	277,7
4		6,1	277,4
Ct		6,5	277,0
4		6,1	277,4
—		5,9	277,6
No L		6,1	277,4

100' East of

N°L.	283,47	4,6	278,9
—		4,0	279,5
4		4,3	279,2
Cr		5,0	278,0
4		4,9	278,6
—		4,7	278,8
So L		4,1	279,4

175' East of

So L.		3,3	280,2
—		3,7	279,8
4		3,7	279,8
Cr.		3,6	279,9
4		3,2	280,3
—		3,2	280,3
N° Lm		3,7	279,8

(200) West Line of 5th

North L	283,47	2,8	280,7
—		2,1	281,1
4		2,8	280,7
Cr.		3,0	280,5
4		2,2	281,3
—		2,8	280,7
So Lm		2,7	280,8
	8,51	289,62	2,34 281,13

East Line of 5th

So L.		6,6	283,0
—		6,3	283,3
4		6,6	283,0
Cr		6,3	283,3
4		6,3	283,3
—		6,9	282,7
N° L.		6,6	283,0

25' East of

M°L	28964	6,6	283.0
—		6,6	283,0
4		6,5	283.1
Ct.		6,3	283.3
4		6,3	283.3
—		6,3	283.3
Lo L,		6,3	283.3

50' East of

Lo L		6,0	283.6
—		5,8	283,8
4		5,8	283.8
Ct.		6,0	283.6
4		5,8	283.8
—		5,7	283 9
M°L		5,6	284.0

75' East of

M°L		5,3	284 .3
—		5,3	284. 3
4		5,2	284.4
Ct.		5,2	284.2
4		5,3	284.3
—		5,3	284.3
Lo L,		5,2	284.2

100' East of

Lo L,		4,9	284.7
—		4,9	284.5
4		5,0	284.6
Ct.		4,9	284,5
4		4,3	285.3
—		4,3	285. 3
M°L.		4.9	284.7

Spruce St from 1st to City Park 5/22/05

125' East of

No L.	4,5		285,1
—	4,5		285,1
4	4,5		285,1
Ct.	4,5		285,1
4	4,5		285,1
—	4,5		285,1
No L.	4,3		285,6

150' East of

No L.	3,9		285.7
—	4,2		285.4
4	4,0		285.0
Ct.	3,9		285,7
4	3,9		285.7
—	3,9		285.7
No L.	4,0		285,6

175' East of

No L.	38,964	3,4	286.2
—		3,4	286.0
4		3,4	286.0
Ct.		3,7	285,9
4		3,6	286.0
—		3,8	285.8
No L.		3,8	285.8

(200) West line of City Park

No L.		3,5		286.1
—		3,4		286,2
4		3,3		286.3
Ct.		3,3		286,3
4		3,2		286.4
—		3,2		286.4
No L.		3,2		286,4
	4,15	290,55	3,24	286,40
			5,90	284.65

Redwood St

5/22/05

REDWOOD ST, FOURTH TO CITY PARK

B.m.	11.69	28271	271.02	
	East Line of 4th			
M°L.		10,1		272,6
—		9,9		272,8
+		9,9		272,8
Ct.		9,5		273,2
+		9,7		273,0
—		9,3		273,4
Sa L.		8,9		273,8
	25' East of 4th			
Sa L.		7,2		275,2
Ct.		7,7		275,0
+		7,4		275,3
Ct.		7,8		274,9
+		7,8		274,9
—		8,3		274,9
M°L.		9,7		274,5

Hutchison
Evans
Sawyer

29

50' East of

M°L		28271	5,7	276,8
—			6,5	276,3
+			6,7	276,0
Ct.			6,7	276,0
+			6,4	276,3
—			6,5	276,2
Sa L			6,8	275,8
	75' East of			
Sa L.			6,3	276,4
—			6,0	276,7
+			6,0	276,7
Ct.			5,9	276,8
+			5,6	277,1
—			4,9	277,8
M°L.			4,8	277,9

100' East of

N° L.	282.1	4.2		278.5
—		4.1		278.6
⊲		5.0		277.7
Ct.		5.4		277.3
⊲		5.2		277.5
—		5.2		277.5
So L.		5.1		277.6

125' East of

So L.		2.8		279.9
3' N°ly So L.		3.8		278.9
—		3.9		278.8
⊲		3.8		278.9
Ct.		4.0		278.7
⊲		3.9		278.8
—		3.7		279.0
N° L.		3.4		279.3

150' East of

N° L.		2.8		279.9
—		2.7		280.0
⊲		3.3		279.4
Ct.		3.4		279.3
⊲		3.2		279.5
—		3.3		279.4
So L.		2.3		280.4

175' East of

So L.		2.5		280.2
—		2.4		280.3
⊲		2.6		280.1
Ct.		2.2		280.5
⊲		2.2		280.5
—		2.4		280.3
N° Line		2.4		280.3

(200) West Line of 5th

N° Line	282.71	2,0		280.7
—		2,0		280.7
4' N° of N° 4 Line		2,2		280.5
1/4		3,3		279.4
Ct.		3,3		279.4
8' East Ct.		2,1		280.6
1/4		2,1		280.6
—		2,2		280.5
Do Line		2.3		280.4
6.82	286.95	2.58	280.18	

East Line of 5th

N° L.	286.95	6,5	280.5
Curb		7,0	280.0
1/4		7,1	279.9
Ct.		6,8	280.2
1/4		6,6	280.4
5' N° of Do Curb		6,3	280.7
Curb		4,7	282.3
Do L.		4,7	282.3

25' East of 5th

Do L	4,8
—	5,0
4' N° of Do Ct.	5,7
1/4	5,8
Ct.	6,1
1/4	6,3
3' Do of Ct.	6,4
Curb	6.0
N° L.	5.4

	50' East of	
M°L	185,95	5,1
Cb.		5,4
3' So of Cb		6,2
1/4		6,0
Ct.		5,4
1/4		5,1
—		5,1
So L.		4,3
	75' East of	
So L		4,0
—		4,6
1/4		5,0
Ct.		5,0
1/4		5,6
3' So of Cb		5,7
Cb.		4,9
M°L.		4,6

	100' East of	
M°L.		4,2
—		4,5
3' So of Cb		5,3
1/4		5,1
Ct.		4,5
1/4		4,5
—		4,5
So L.		3,8
	125' East of	
So L		3,7
—		4,4
4		4,1
Ct.		4,2
4		4,5
3' So of Cb		4,7
Cb.		4,0
M°L.		3,5

25' East of 5th St.

M° Line	28595	6,1	280.9
—		6.5	280.5
3' South M° Ch		6,8	280,2
1/4		6,8	280.2
Ch.		6,3	280,7
1/4		5,8	281,2
4th M° of Ch.		5,8	281.2
Ch		5,0	282.0
Do L.		4,8	282,2

50' East of 5th

Do L		4,4	282.6
—		5,2	281.8
4		5,3	281.7
Ch.		5,5	281.5
4		6,3	280.7
3' South Ch.		6.4	280.6
Ch		6.0	281.0
M° Line		5.5	281,5

75' East of

M° Line		5,1	2819
—		5,4	281.6
3' South Ch		6,2	280.8
1/4		5,9	281,1
Ch.		5,4	281,6
1/4		5,0	282.0
—		4,9	282.1
Do L.		4,3	282.7

100' East of

Do L		4,9	283.0
—		4,6	283.4
4		4,9	282,1
Ch.		4,9	282,1
4		5,5	281,5
3' to of Ch.		5,7	281,3
Ch.		5,1	282.0
M° Line		4.6	282.4

Redwood St.
from 4th to City Park

125' East of

M°L	286.9	4,1	282,9
—		4,5	282,5
3' So of Ct.		5,3	281,7
4		5,1	281,9
Ct.		4,5	282,5
4		4,6	282,4
—		4,6	282,4
So L.		3,8	283,2

150' East of

So L.		3,7	283,3
—		4,4	282,6
1/4		4,2	282,8
Ct.		4,2	282,8
4		4,5	282,5
1' East of Ct		4,7	282,3
Ct.		4,0	283,0
M°L		3,6	283,4

175' East of

M°L.	286.9	3,3	283,7
—		3,6	283,4
2' East of Ct		4,2	282,8
1/4		4,1	282,9
Ct.		3,8	283,2
1/4		3,5	283,5
—		3,5	283,5
So Line		3,6	283,4

(197.4) West Line of City Park.

So L.		3,5	283,5
—		3,4	283,6
4		3,3	283,7
Ct.		3,3	283,7
4		3,6	283,4
3' So of Ct		3,5	283,5
Ct		2,8	284,2
M°L.		2,7	284,3
		2,31	284,64

Quince St

9.67	279.07		269.40	
6.09	284.27	0.89	278.18	

East Line of 5th St.

Mo Line	4,1	280.2
—	4,8	279.5
4	5,0	279.3
Ct,	4,9	279.4
4	5,0	279.3
—	5,1	279.2
So L.	4,9	279.4

25' East of

So L	4,6	279.7
—	4,8	279.5
4	4,9	279.4
Ct	4,8	279.5
4	4,7	279.6
1' So of Ct	5,1	279.2
Ct	4,6	279.7
Mo L.	4,6	279.7

5/22/05 { Hutchison, Evans, Scriven

50' East of

Mo L,	4,5	279.8
—	4,2	280.1
2' So of Cb	5,0	279.3
1/4	4,7	279.6
Ct,	4,7	279.6
1/4	5,0	279.3
1' Mo of Cb	5,2	279.1
Cb	4,7	279.6
So L.	4,5	279.8

75' East of 5th

So L.	4,4	279.9
Cb	4,5	279.8
3' Mo of Cb	5,1	279.2
1/4	4,8	279.5
Ct	4,7	279.6
1/4	4,7	279.6
3' So of Cb	5,1	279.2
Cb	4,3	280.0
Mo L.	4,4	279.9

Quince St.

100' East of 5th

M°L.	28.27	4.2	280.1
		4.6	279.7
3' South Cb		4.9	279.4
1/4		4.6	279.7
Ct.		4.6	279.7
1/4		4.9	279.4
3' most Cb		5.0	279.0
Cb.		4.3	280.0
So L.		4.4	279.9

125' East of

So L.		4.6	279.7
Cb		4.5	279.8
3' most Cb		5.0	279.0
1/4		4.9	279.4
Ct.		4.6	279.7
1/4		4.4	279.9
3' South Cb.		4.9	279.4
Cb		4.2	280.1
M° L.		4.1	280.2

150' East of

M° L.		3.9	280.4
Cb.		4.4	279.9
3' South Cb		4.8	279.5
1/4		4.4	279.9
Ct.		4.8	279.5
1/4		5.0	279.4
3' most Cb		5.0	279.4
Cb.		4.6	279.7
So L.		4.6	279.7

175' East of

So L.		4.7	279.6
Ct.		4.7	279.6
3' most Cb		5.1	279.2
1/4		4.9	279.4
Ct.		4.5	279.8
1/4		4.6	279.7
3' South Cb		5.0	279.3
Cb.		4.4	279.9
M° L.		4.1	280.2

Quince St. from 5th to City Park.

(1948) West Line of City Park.

No L.	284.27	3.8		280.5
—		4.3		280.0
3' Soot Ct.		4.6		279.7
1/4		4.4		279.9
Ct.		4.2		280.1
1/4		5.0		279.3
Curb		4.9		279.4
So Line		5.0		279.3
		3.29	280.98	

Palm St from 4th to City Park 5/22/05 Hutchison Evans Scrivan

East Line of 4th

	10.10	279.14		269.04	
Mo L.			10.7		268.4
—			10.1		269.0
1/4			11.5		267.6
9' Mo of Ct.			9.6		269.5
Ct.			9.3		269.8
1/4			9.2		269.9
—			8.4		270.7
So Line			6.0		273.1

7' East of 4th

So Line			5.8		273.3
—			5.8		273.3
1/4			6.4		272.7
Ct.			6.6		272.5
6' Mo of Ct.			7.2		271.9
1/4			10.3		268.9
Curb			10.0		269.1

6' Mo of Cb.		279.14	7.8		271.3
Mo Line			8.4		270.7

25' East of

Mo L.			7.0		272.1
10 ~~So of~~ Mo L.			7.0		272.1
Cb.			7.9		271.3
1/4			8.5		270.6
9' Mo of Ct.			7.7		271.4
4' " " "			6.1		273.0
Ct.			6.0		273.1
1/4			5.9		273.2
—			5.7		273.4
So L.			5.2		273.9

50' East of 4th

So L.			5.0		274.1
11' Mo of So L.			5.2		273.9
Cb.			6.0		273.1

1/4	279.4	5,9	273.2
Ck		6,0	273.1
1/4		5,8	273.3
Ck		5,8	273.3
M° L.		5,6	273.5
	75' East of		
M° L.		4,3	274.8
—		4,8	274.3
1/4		5,0	274.1
Ck.		5,8	273.3
1/4		5,5	273.6
—		5,7	273.4
10' M° of So L.		4,5	274.6
So Line		4,0	275.1

100' East of

So L.	3,9	275.2
10' M° of So L.	4,2	274.9
Ck	5,1	274.0
1/4	4,8	274.3
Ck.	5,2	273.9
1/4	4,7	274.4
Ck.	4,4	274.7
10' So of M° L.	5,2	273.9
3' " " " "	5,2	273.9
M° Line	3.8	275.3
125' East of		
M° L.	4,9	274.2
11' So of M° L.	5,3	273.8
Ck.	3,9	275.2
1/4	3,9	275.2
Ck.	4,4	274.7
1/4	4.6	274.5

Curb	279.14	4.9		274.2
9' W° of So. L.		4.0		275.1
So L,		3.6		275.5
150' East of				
So L		3.6		275.5
Cb		3.6		275.5
1/4		3.6		275.5
Ct,		3.7		275.4
4		3.3		276.0
Cb		3.4		275.9
10' East W° L		4.9		274.2
W° Line		4.3		275.0
175' East of				
W° L,		3.0		276.1
4' East W° L,		3.6		275.5
10' " " "		3.7		275.4
Cb		4.8		276.3

1/4	279.14	3.7		275.4
Ct		3.4		275.7
1/4		3.4		275.7
—		3.3		275.8
So L,		3.3		275.8
(200) West Line of S 1/2				
So Line		3.2		275.9
—		3.6		275.5
1/4		3.2		275.9
Ct.		3.1		276.0
4		3.1		276.0
—		2.7		276.4
W° L.		2.4		276.7
3.50	279.89	2.75	276.39	

East Line of 5th St.

W° Line	279.89	2,8	277.1
—		2,9	277.0
Gutter		3,3	276.6
¼		3,5	276.4
Ct.		3,6	276.3
¼		4,1	275.8
Gut.		4,3	275.6
Ct.		3,9	276.0
Ln Line		3,9	276.0
25' East of			
Ln L.		4,0	275.9
Ct.		4,3	275.6
2' W° of Ct		4,6	275.3
¼		4,3	275.6
Ct.		3,9	276.0
¼		3,8	276.1
Gutter		3,8	276.1
Curb		3,1	276.8
W° Line		3,0	276.9
50' East of			
W° L		3,3	276.6
—		3,4	276.5
Gutter		4,1	275.8
¼		4,1	275.8
Ct.		4,2	275.7
¼		4,5	275.4
2' W° of Ct		4,7	275.2
Ct		4,4	275.5
Ln L		4,1	275.8
75' East of			
Ln L.		4,4	275.5
Ct.		4,5	275.4
1' W° of Ct		5,0	274.9
¼		4,6	275.3

Ct.	279.89	4.5	275.4
1/4		4.3	275.6
Gut.		4.3	275.6
Ct		3.5	276.4
No L.		3.3	276.6
100' East of			
No L.		3.5	276.4
—		3.6	276.3
Gutter		4.2	275.5
1/4		4.6	275.3
Ct.		4.5	275.4
4		4.6	275.6
1' N of Ct		5.0	274.9
Ct.		4.7	275.2
No L		4.7	275.2

125' East of		
No L.	5.0	274.9
—	5.1	274.8
2' N of Ct.	5.4	274.5
1/4	4.7	275.2
Ct.	4.9	275.0
4	4.8	275.1
Gutter	4.8	275.1
Ct.	3.9	276.0
No L.	3.9	276.0
150' East of		
No L.	4.0	275.9
—	4.1	275.8
Gutter	5.0	274.9
1/4	5.1	274.8
Ct.	5.1	274.8
4	4.9	275.0
1' N of Ct.	5.8	274.1

Palm St from 4th to City Park 5/22/07

Curb	279.89	5,3	274.6
Lo L.		5,3	274.6
17' East of			
Lo L.		5,5	274.4
—		5,6	274.3
1' N of CL		5,9	274.0
4		5,1	274.8
CL		5,1	274.8
4		5,2	274.7
Gutter		5,0	274.9
CL		4,4	275.5
N L.		4,1	275.8
(19.9) West Line of Park.			
N L.		4.6	275.3
CL		4,4	275.5
Gutter		5.0	274.9
1/A		5.3	274.6

CL	279.89	5,0		274.9
1/4		5,3		274.6
2' N of CL		5,7		274.0
CL		5,4		274.5
Lo L.		5,2		274.3
	5,06	282,20	2,75	277,14
			1,26	280,90

Note—
Sidewalk & Curb is in on North side of Palm from 5th St to City Park.

Olive St. from 3rd to City Park 5/22/05

OLIVE ST, THIRD TO CITY PARK

BM on 4th	3.20	269.67		266.47	
	West Line of 3rd				
So L.			8.6		261.1
—			8.8		260.9
1/4			8.4		261.3
Ct.			8.5		261.2
4			7.8		261.9
—			7.8		261.9
No Line			7.8		261.9
	West Curb Line				
No L.			7.2		262.5
—			7.1		262.6
4			7.3		262.4
Ct.			7.9		261.8
4			8.4		261.3
—			8.8		260.9
So L.			8.8		260.9

	West 1/4 Line				
So L.			8.7		261.0
—			8.4		261.3
4			8.1		261.6
Ct.			7.1		262.6
4			6.9		262.8
—			6.7		262.0
No L.			6.7		262.0
	Center Line				
No L.			6.5		263.2
—			6.3		263.4
4			6.4		263.3
Ct.			7.0		262.7
4			7.5		262.2
—			7.7		262.0
So L.			8.2		261.5

East 1/4 Line

Do L.	269,67	8,2	261.5
—		7,0	262.7
4		6,8	262,9
Ct.		6,4	263.3
4		6,1	263.5
—		5,8	263,9
M° L.		5,8	263,9

East Curb Line

M° L		5,5	264.2
—		5,6	264,1
4		5,7	264.0
Ct.		6,0	263.7
4		6,3	263.4
—		6,4	263,4
D+L.		6,5	263.2

East Line of [illegible]

Do L	6,1	263.6
—	6,1	263.6
4	6,1	263.6
Ct	6 0	263.7
4	5,6	264.1
—	5,6	264.1
M° L.	5,6	264.1

25' East of

M° L.	5,5	264.2
—	5,4	264.3
4	5,2	264,5
Ct.	5,3	264,4
4	5,4	264.3
—	5,6	264,1
D+L	5,6	264.1

50' East of

Do L	26967	5.4	264.3
—		5.2	264.5
4		5.2	264.5
Ct.		5.1	264.6
4		4.7	265.0
—		4.7	265.0
M° L		5.1	264.6

75' East of

M° L		4.0	265.7
—		4.0	265.7
4		4.1	265.6
Ct.		4.7	265.0
4		4.8	264.8
—		4.8	264.9
Do L.		4.9	264.8

100' East of

Do L.		4.4	265.3
—		4.5	265.2
4		4.5	265.2
Ct.		4.3	265.4
4		3.5	266.2
—		3.1	266.6
M° L		3.1	266.6

125' East of

M° L		3.3	266.4
—		3.5	266.2
4		3.7	266.0
Ct.		3.9	265.8
4		4.3	265.4
—		3.8	265.9
Do L		3.9	265.8

Olive

5/23 Flaws
05 Brick
Taylor

150' East of 3rd

So L	269.67	3,4	266.3
—		3,5	266.2
4		3,8	265,9
Ct.		3,5	266,2
4		3,8	265.9
6' So of Cb		4,2	265.5
Cb		2,8	266.9
N L		2,7	267.0

175' East of

N L		2,3	267.4
—		2,2	267.5
4' So of Cb		3,3	266.4
4		3,7	266.0
Ct.		4,2	265.5
4		4,4	265.3
—		3,8	265.9
So L.		3,0	266.7

Cont. on Page

Levels over Car Track "D" St 18 to 19

	12.53	68.65		56.12
	11.94	79.88	0.71	67.94
	12.31	91.31	0.88	79.00
W. Line 18th			7.25	84.06
E " "			5.25	86.06
50' E of 18			4.47	86.84
100 " "			3.70	87.61
150 " "			2.97	88.34
W. Line 19			2.25	89.06
E. line 19			0.97	90.34
TP.	2.41	92.60	1.12	90.19
TP.	0.16	80.42	12.34	80.26

Levels over Car Tracks on 16th – H to L

5/23/00 { Dawes, Brooks, Taylor.

	0.15	37.67		37.52
So. Line H		on Curve { E. Rail	3.02	34.65
		W. Rail	3.22	34.45
100' So H			4.59	33.08
200' " "			6.02	31.65
No Line of I			7.52	30.15
So. Line " "	3.07	32.46	8.28	29.39
100' So I			3.52	28.94
200 " "			3.91	28.55
No Line J			4.28	28.18
So. Line J			4.32	28.14
100' So. "			4.68	27.78
200' " "			5.05	27.41
No Line K	2.10	29.33	5.23	27.23
So. Line K			2.48	26.85
100' So			3.87	15.51
200 So			5.10	24.23
No Line L			4.56	22.77
So " "			8.37	20.96

Levels over Car Track on 22nd – H to K

5/23/03 { Dawes, Brooks, Taylor

	1.06	116.53		115.47
So. Line H			3.06	113.47
200' No I			6.02	110.51
100' " "			8.80	107.73
No Line I			11.51	105.02
So " "	2.91	107.84	11.60	104.93
100' So I			3.58	104.26
200 " "			4.21	103.63
No Line J			4.88	102.96
So " "			4.86	102.98
100' So "			5.92	101.92
200 " "			6.91	100.93
No Line K		on Curve { W. Rail	8.05	99.81
		E. Rail	7.86	99.98

Olive St. 5/27/05

OLIVE ST, THIRD TO CITY PARK

Continued from Page

	H.I.		
5.81	272.28	266.47	

West Line of 4th

So L.	4.7	267.6
Cb.	6.0	266.0
7' Mo of Cb.	7.0	265.0
1/4	7.7	264.6
Ct.	7.1	265.2
1/4	7.1	265.2
Cb.	6.2	266.1
1' Mo of Cb.	4.2	268.1
Mo Line	4.3	268.0

Hutchison
Evans
Scriven

East Line of 4th

Mo L.	2.8	269.5
Cb	3.0	269.3
1/4	3.4	268.9
9' Mo of Ct.	5.2	267.1
Ct.	5.9	266.4
1/4	6.4	265.9
Cb.	5.8	266.5
So Line	5.3	267.0

25' East of 4th

So L.	5.3	267.0
—	5.7	266.6
1/4	5.3	267.0
Ct.	5.1	267.2
1/4	4.2	268.1
10' So of Cb.	3.4	268.9
Cb.	2.9	269.4
Mo Line	2.6	269.7

50' East of 4th

M°L	272,28	2,5	269.8
—		3,1	269,2
1/4		3,8	268,5
Ct.		4,7	267.6
1/4		4,8	267,5
—		5,3	267.0
Do L.		5,2	267.1

75' East of

Do L.		4,7	267,6
—		4,8	267,5
1/4		4,5	267,8
Ct.		4,6	267,7
1/4		3,8	268,5
—		3,3	269,0
M°Lne		3,1	269,2

100' East of 4th

M°L.		3,0	269,3
—		3,0	269,3
1/4		3,7	268,6
Ct.		4,1	268,2
1/4		4,3	268,0
—		4,1	268,2
Do L.		4,4	267,9

125' East of

Do L.		3,6	268,7
—		3,6	268,7
2' M° of Co.		4,2	268,1
1/4		3,7	268,6
Ct.		3,7	268,6
1/4		3,6	268,7
—		3,3	269,0
M°Lne		3,1	2691

Olive

	100' East of		
No 2	272.28	3.1	269.2
—		3.2	269.1
1/4		3.5	268.8
Ct.		3.5	268.8
1/4		3.4	268.9
2' No of Co		3.7	268.6
Co.		3.1	269.2
Do 2.		3.1	269.2
	175' East of		
Do 2.		2.7	269.6
—		2.8	269.5
1/4		2.8	269.5
Ct.		3.1	269.2
1/4		2.9	269.3
—		2.7	269.6
No Line		2.8	269.5

	195' East of 4th		
No Line		2.3	270.0
—		2.4	269.9
1/4		2.5	269.8
Ct		2.2	270.1
1/4		2.4	269.9
—		2.3	270.0
Do Line		2.1	270.2
	(200) West Line of 5th		
Do Line		1.8	270.5
—		2.3	270.0
1/4		2.1	270.2
Ct.		2.1	270.2
1/4		2.4	269.9
—		1.7	270.6
No 1.		1.4	270.9
	2.64	274.19	0.73	271.55

O Liver

East Line of 5th

So Line	274.19	2,8	271,4
—		3,1	271,1
1/4		3,1	271,1
Ct.		2,8	271,4
1/4		3,0	271,2
Gutter		3,0	271,2
Cb.		2,3	271,9
No Line		2,1	272,1

25' East of

No L.		2,7	271,5
Cb		2,8	271,4
Gutter		3,6	270,6
1/4		3,4	270,8
Ct.		3,1	271,1
1/4		3,5	270,7
Cb		3,9	270,3
So Line		3,3	270,9

50' East of

So L.		3,9	270,3
—		4,1	270,1
1/4		3,5	270,7
Ct.		3,6	270,6
1/4		3,6	270,6
Gutter		3,9	270,3
Cb		2,8	271,4
No L.		3,0	271,2

75' East of

No Line		3,8	270,4
Cb.		4,2	270,0
1/4		4,2	270,0
Ct.		4,2	270,0
1/4		4,5	269,7
—		4,7	269,5
So Line		4,5	269,7

100' East of 5th		
So L	5,0	269,2
Cb	5,0	269,2
Gutter	5,7	268.5
1/4	5,1	269,1
Ct.	4,8	269,4
1/4	4,8	269.4
Cb.	4,7	269.5
No L.	4,0	270,2
125' East of		
No L.	4,8	269,4
Cb.	5,4	268,8
1/4	5,3	268,9
Ct	5,3	268,9
1/4	5,7	268.5
Gutter	6,3	267,9
Cb.	5,7	268.5
So Lm	6,1	268.1

150' East of		
So L.	7,0	267,2
Cb.	6,4	267,8
Gutter	7,0	267,0
1/4	6,1	268,1
Ct.	6,0	268,2
1/4	6,0	268,2
Gutter	6,3	267,9
Cb.	6,0	268,2
No L.	5,5	268,7
175' East of		
No L.	6,3	267,9
Cb.	7,0	267.2
1/4	6,9	267.3
Ct.	6,7	267,5
1/4	7,0	267.2
Gutter	7,9	266,3
Cb.	7,3	266,9
So Lm	7,5	266.7

O Line

(189' East of 5th) West Line of Park

Lo	27419	7,8	266.4
Cb.		7,5	266.7
Gutter		8,4	265.8
1/4		7,6	266.6
Ct.		7,2	267.0
1/4		7,2	267.0
Cb.		7,2	267.0
M° Line		7,2	267.0

Oct 7. 1905

Cross section 1st St

Upas to Thos H.I 260.91

South line Upas

W. line	3.1	257.8	
cb	3.2	257.7	
1/4	1.8	259.1	
C	1.3	259.6	
1/4	0.3	260.6	
cb	-0.7	261.61	
E. line	-1.6	262.51	

25' So. Upas

E. line	0.0	260.9	
cb	0.5	260.4	
1/4	1.4	259.5	
C	3.0	257.9	
1/4	4.4	256.5	
cb	4.4	256.5	
W. line	4.1	256.8	

B.M. 250.81 10.10 260.91

Chields
Brooks
Evans
Hawkins

H.I. 260.91

50' So. Upas

W. line	7.5	253.4	
cb	6.9	254.0	
1/4	6.3	254.6	
C	5.7	255.2	
1/4	4.5	256.4	
cb	2.6	258.3	
E line	2.1	258.8	

75' So. Upas.

E line	3.7	257.2	
cb	4.5	256.4	
1/4	5.4	255.5	
C	6.3	254.6	
1/4	7.0	253.9	
cb	7.7	253.2	
W. line	8.6	252.3	

H.I. 260.91

100' So. Mpas

W.bnk		8.5	252.4
cb		7.8	253.1
1/4		7.0	253.9
c		5.8	255.1
1/4		4.9	256.0
cb		4.5	256.4
E.bnk		3.5	257.4

125' So, Mpas

E.bnk	H.I. 264.39	4.4	260.0
cb	H.I. 260.91	2.9	258.0
1/4		4.1	256.8
c		5.0	255.9
1/4		5.6	255.3
cb		6.4	254.5
W.bnk		6.6	254.3

H.I. 260.91

150' So, Mpas

W.bnk		4.4	256.5
cb		3.4	257.5
1/4		2.8	258.1
c		2.3	258.6
1/4		1.4	259.5
cb		0.0	260.9
E.bnk	H.I. 264.39	2.1	262.3

175' So, Mpas

E.bnk	H.I. 264.39	2.5	261.9
cb	H.I. 260.91	0.4	260.5
1/4		1.4	259.5
c		2.4	258.5
1/4		3.1	257.8
cb		3.6	257.3
W.bnk		4.5	256.4

H.I. 260.91

200' So. Upas.

W. line	5.1	255.8
Cb	4.4	256.5
1/4	3.3	257.6
C	2.9	258.0
1/4	2.2	258.7
Cb	1.3	259.6
E line	0.0	260.9

225' So. Upas

E line	0.7	260.2
Cb	2.0	258.9
1/4	2.8	258.1
C	3.6	257.3
1/4	4.5	256.4
Cb	5.5	255.4
W. line	6.1	254.8

H.I. 260.91

250' So. Upas

W. line	6.7	254.2
Cb	6.2	254.7
1/4	5.5	255.4
C	4.6	256.3
1/4	3.2	257.7
Cb	2.6	258.3
E line	1.6	259.3

275' So Upas

E line	2.5	258.4
Cb	3.6	257.3
1/4	4.7	256.2
C	5.9	255.0
1/4	6.7	254.2
Cb	7.3	253.6
W. line	7.2	253.7

H.T. 260.91

North line Thorn

W. line	8.0	25-2.9
cb	8.1	25-2.8
1/4	7.8	25-3.1
C	7.3	25-3.6
1/4	6.4	25-4.5
cb	5.3	25-5.6
E line	4.4	25-6.5

North cb

E. line	4.6	25-6.3
cb	5.9	25-5.0
1/4	6.8	25-4.1
C	7.7	25-3.2
1/4	8.6	25-2.3
cb	8.8	25-2.1
W. line	8.6	25-2.3

H.T. 260.91

North 1/4

W. line	10.0	25-0.9
cb	9.5	25-1.4
1/4	8.7	25-2.2
C	8.1	25-2.8
1/4	7.1	25-3.8
cb	5.7	25-5.2
E line	4.8	25-6.1

Center

E. line	4.6	25-6.3
cb	6.1	25-4.8
1/4	7.0	25-3.9
C	8.1	25-2.8
1/4	8.9	25-2.0
cb	9.6	25-1.3
W. line	10.4	25-0.5

H.I. 260.91

So. 1/4

W. line	10.2	250.7
cb	9.4	251.5
1/4	8.5	252.4
C	7.9	253.0
1/4	7.3	253.6
cb	5.3	255.6
E. line	4.1	256.8

So. cb

E. line	3.5	257.4
cb	4.9	256.0
1/4	6.2	254.7
C	7.3	253.6
1/4	7.9	253.0
cb	8.4	252.5
W. line	9.1	251.8

H.I. 260.91

South line Thorn

W. line	6.8	254.1
cb	6.4	254.5
1/4	6.2	254.7
C	7.1	253.8
1/4	5.4	255.5
cb	4.2	256.7
E. line	2.6	258.3

COVERT, MUNSON, HALLAM } OCT. 9/03

S.W. COR. FRONT & WALNUT

B.M. 11.715 262.52 250.81

3.84 262.41 3.95 258.57

25' SO. THORN

W. L.	5.4	257.0
W. C.	5.9	256.5
W. 1/4	6.3	256.1
1/2	6.1	256.3
E. 1/4	5.7	256.7
E. C.	4.3	258.1

	262.41			
E. L.		2.8		259.6
	50' So. THORN			
E. L.		1.1		261.1
E. C.		3.6		258.8
E 1/4		4.9		258.5
1/2		5.6		256.8
W 1/4		6.0		256.4
W C.		6.7		255.7
W. L		6.1		256.3
	75 So. THORN.			
W. L.		7.2		255.2
W. C.		8.1		254.3
W. 1/4.		6.8		255.6
1/2.		6.3		256.1
E. 1/4		5.0		257.4
E. C.		3.4		259.0
E. L		2.6		259.8
	100' So THORN.			

	262.41			
E. L.		3.4		259 0
E. C.		4.5		257.8
E 1/4		5.4		257. 0
1/2		7.0		255. 4
W. 1/4		7.7		254.7
W. C.		8.1		254. 3
W. L		8. 1		254. 3
	125 So. THORN			
W. L		9. 6		252.8
W. C.		9. 2		253. 2
W. 1/4		7. 9		254 6
1/2		7.5		254.9
E. 1/4		5. 9		256. 3
E. C.		5. 2		257.2
E. L.		4. 1		258.3
	0.70	257.16	3.95	258.46
1	150 So. THORN			
E. L		1.4		257.8

259.16

E. C	2.5	256.7
E 1/4	3.1	256.1
1/2	4.1	255.1
W. 1/4	5.3	253.9
W.C	6.4	252.8
W.L	7.5	251.7
175 SO. THORN.		
W.L	8.4	250.8
W.C.	8.2	251.0
W. 1/4	6.2	253.0
1/2	4.7	254.5
E 1/4	3.2	256.0
E C.	2.6	256.6
E L.	1.5	257.7
200 SO THORN.		
E. L	2.2	257.0
E.C.	3.1	256.1
E 1/4	4.8	254.4

259.16

1/2	5.4	253.8
W. 1/4	6.8	252.4
W.C.	8.0	251.2
W.L.	9.3	249.9
225 SO. THORN.		
W.L.	9.5	249.7
W.C.	8.4	250.8
W. 1/4	7.0	252.2
1/2	5.9	253.3
E 1/4	4.9	254.3
E.C.	3.7	255.5
E.L.	2.6	256.6
250 SO THORN.		
E.L.	3.5	255.7
E.C.	4.3	254.9
E 1/4	5.2	254.0
1/2	6.8	252.4
W. 1/4	8.0	251.2

	259.16	
W. C.	9.0	250.2
W. L	9.6	249.6
275 SO. - THORN.		
W. L	10.0	249.2
W. C.	9.2	250.0
W 1/4	8.2	251.0
1/2	7.0	252.2
E 1/4	5.7	253.5
E. C.	4.7	254.5
E. L.	3.8	255.4
300 S. = N. L. SPRUCE.		
E. L.	3.4	255.8
E. C	1.7	257.5
E 1/4	3.4	255.8
1/2	6.4	251.8
W. 1/4	8.1	251.2
W. C.	9.5	249.7
W. L	10.6	248.6

	259.16	
14 S = N.C. SPRUCE		
W. L	10.6	248.6
W. C.	9.3	249.9
W 1/4	8.3	250.9
1/2	7.5	251.7
E 1/4	5.8	253.4
E. C.	4.2	255.0
E. L	4.2	255.0
27 SO. = N. 1/4 SPRUCE.		
E. L	4.4	254.8
E. C	6.0	253.2
E 1/4	6.7	252.5
1/2	8.1	251.1
W. 1/4	8.6	250.6
W. C	9.4	249.8
W. L	10.7	248.5
40 SO =		
W. L	11.2	248.0

58		259.16			
W.C.			9.8		249.4
W 1/4			9.1		250.1
1/2			8.2		251.0
E 1/4			7.3		251.9
E.C.			6.3		252.9
E.L.			5.1		254.1
	53 SO = S 1/4 SPRUCE				
E.L.			5.2		254.0
E.C.			6.2		253.0
E 1/4			7.4		251.8
1/2			7.7		251.5
W. 1/4			8.6		250.6
W.C.			9.8		249.4
W.L.			11.3		247.9
	66 SO = S.C. SPRUCE				
W.L.			11.5		247.7
W.C.			10.3		248.9
W 1/4			9.3		249.9

		259.16			
1/2			8.5		250.7
E 1/4			7.4		251.8
E.C.			6.8		252.4
E.L.			5.5		253.7
	80 SO = S.L. SPRUCE.				
E.L.			6.2		253.0
E.C.			7.0		252.2
E 1/4			7.8		251.4
1/2			8.7		250.5
W. 1/4			9.7		249.5
W.C.			10.9		248.3
W.L.			12.3		246.9
	25 SO. SPRUCE				
W.L.			13.1		246.1
W.C.			12.0		247.2
W 1/4			10.8		248.4
1/2	2 NAILS-PHONE POLE AT N.E.		10.0		249.2
B.M.	COR. SPRUCE & 1ST		2.87	256.27	

	259.16			
E 1/4		8.6		250.6
E.C.		7.6		251.6
E.L.		6.4		252.8
	50 SO. SPRUCE.			
E.L.		6.5		252.7
E.C.		8.1		251.1
E. 1/4		9.3		249.9
1/2		11.1		248.1
W. 1/4		11.8		247.4
W. C.		13.2		246.0
W. L.		14.2		245.0
	75 SO SPRUCE			
W. L		14.8		244.4
W.C.		13.7		245 5
W 1/4		12.8		246.4
1/2		11.5		247.7
E 1/4		10.2		249.0
E. C		8.6		250 6

	259.16			
E. L		6.9		252.3
	100 SO. SPRUCE			
E.L.		7.3		251 9
E.C.		8.6		250.6
E 1/4		10.6		248 6
1/2		12.1		247.1
	5.82 252.11	12.87	246.29	
W 1/4		6.4		245.7
W.C		7.7		244 4
W. L		8.7		243.4
	125 SO. SPRUCE			
W.L		9.0		243.1
W.C		8.0		244.1
W 1/4		6.8		245.3
1/2		5.0		247.1
E 1/4		3.9		248.2
E C		2.5		249 6
E. L		0.8		251.3

	252.11		
150 SO SPRUCE.			
E.L.	12		250.9
E.C.	2.7		249.4
E 1/4	3.8		248.3
1/2	5.8		246.3
W. 1/4	7.0		245.1
W. C.	8.3		343.8
W.L	9.7		242.4
175 SO SPRUCE.			
W.L.	9.5		242.6
W.C.	8.2		243.9
W 1/4	7.2		244.9
1/2	6.0		246.1
E 1/4	4.6		247.5
E C.	3.2		248.9
E.L	1.6		250.5
200 SO. SPRUCE			
E.L	1.2		250.9

	252.11		
E.C	2.7		249.4
E 1/4	4.7		249.4
1/2	6.4		245.7
W 1/4	7.5		244.6
W.C	8.3		243.8
W.L	10.1		242.0
225 SO. SPRUCE.			
W.L	12.7		239.4
W.C.	9.2		242.9
W. 1/4	7.7		244.4
1/2	6.6		245.5
E 1/4	5.3		246.8
E C.	3.6		248.5
E.L	0.0		252.1
250			
E.L	3.1		249.0
E.C.	4.8		247.3
E 1/4	6.1		246.0

	252.11		
1/2	7.1	245.0	
W 1/4	8.5	243.6	
W.C.	9.7	242.4	
W.L	11.0	241.1	
275 - SO. SPRUCE.			
W.L	11.6	240 6	
W.C	10.6	241.5	
W. 1/4	9.6	242 5	
1/2	8.1	244.0	
E 1/4	5.9	246 2	
E.C	4.9	247 2	
E L	3.8	248.3	
300 SO = N.L. REDWOOD.			
E L	4.5	247.6	
E.C.	5.8	246.3	
E 1/4	7.2	244.9	
1/2	8.8	243.3	
W 1/4	10.1	242.0	

	252.11		
W.C.	11.1	241.0	
W.L	13.6	238 5	
14 S. = N.C. REDWOOD			
W.L	15.0	237 1	
W.C	11.7	240.4	
W. 1/4	10.5	241.6	
1/2	9.2	242.9	
E 1/4	7.5	244.6	
E C	6.2	245.9	
E.L	4.7	247.4	
27 S = N 1/4 REDWOOD.			
E.L	4.9	247.2	
E.C	6.6	245 5	
E 1/4	7.7	244.4	
1/2	9.1	243. 0	
W. 1/4	10.5	241 6	
W.C.	11.7	240.4	
W.L	15.9	236.2	

	252.11			
	40 S = ½ REDWOOD.			
W. L		13.6		238.5
W. C		11.0		241.1
W ¼		10,4		241.7
½		9.1		243.0
E ¼		8.2		243.9
E C.		7.0		245.0
E L		5.1		247.0
	53-S = S ¼ REDWOOD			
E L		4.9		247.2
E. C		7.1		245.0
E. ¼		7.7		244.2
½		9.3		242.8
W. ¼		10, 2		241.9
W. C.		10, 8		241.3
W, L		11.9		240.2
	66 S = SC. REDWOOD			
W, L		11.0		241.1

	252.11				
W. C.			10.4		241.7
W. ¼			9.9		242.2
½			9,2		242.9
E ¼			8.3		243.8
E C.			7,2		244.9
E. L			5.7		246.4
	80 S = S, L REDWOOD				
E. L.			6.1		246.0
E. C.			7.2		244.9
E ¼			8.0		244.0
½			8.7		243.4
W. ¼			9.5		242.6
W. C,			10.1		242.0
W. L.			11,0		241.0
B.M.	2 NAILS - PHONE POLE AT N.W. COR. REDWOOD & 1ST.		12, 11	240.00	
	12,95	264.98	0,08	252.03	
	13,17	278.08	0.07	264.91	
B.M.	SPIKE IN PHONE POST NE. COR SPRUCE & 4TH		4.90	273.18	273.18 273.18 CK 0.0

POSTED

CROSS SECTION OF THIRD ST FROM UPAS TO SPRUCE

OCT. 9, 1905
COVERT, MUNSON, HASLAM

B.M.	1,48	286.86	285.384	SPIKE IN PH POLE NE UPAS & 4TH
	0 = S.L UPAS.			
E.L.		2.0	284.9	
E.C.		2.2	284.7	
E 1/4		2.4	284.5	
1/2		2.5	284.4	
W.1/4		3.0	283.9	
W.C.		3.0	283.9	
W.L		3.3	283.6	
	50 S OF UPAS			
W.L.		3.8	283.1	
W.C.		3.2	283.7	
W1/4		2.9	284.0	
1/2		3.0	283.9	
E 1/4		2.9	284.0	
E C		2.6	284.3	
E L		2.3	284.6	

286.86

	100 S OF UPAS		
E.L.	3.0	283.9	
E.C	3.0	283.9	
E1/4	3.2	283.7	
1/2	3.5	283.4	
W.1/4	3.8	283.1	
W.C.	3.9	283.0	
W.L	4.2	282.7	
	150 S OF UPAS		
W.L	4.5	282.4	
W.C.	4.3	282.6	
W1/4	4.1	282.8	
1/2	4.1	282.8	
E 1/4	3.8	283.1	
E C.	3.5	283.4	
E.L	3.3	283.6	
	200 S OF UPAS		
E.L	3.9	283.0	

	286.86		
E.C.	4.0	285.9	
E¼	4.4	285.5	
½	4.4	285.5	
W.¼	4.4	285.5	
W C.	4.9	285.0	
W L.	4.9	285.0	
250 S OF UPAS			
W.L.	5.3	281.6	
W.C.	5.1	281.8	
W¼	5.2	281.7	
½	5.1	281.8	
E ¼	4.5	285.4	
E C	4.5	285.4	
E.L	4.4	285.5	
300 S OF UPAS = N.L. THORN			
E L.	5.2	281.7	
E.C.	5.1	281.8	
E.¼	5.2	281.7	

	286.86		
½	5.3	281.6	
W ¼	5.0	281.9	
W.C.	5.0	281.9	
W.L.	5.9	281.0	
14 S = N C. THORN			
W.L	5.8	281.1	
W.C	5.4	281.5	
W ¼	5.3	281.6	
½	5.3	281.6	
E ¼	5.2	281.7	
E C	5.2	281.7	
E.L	5.0	281.9	
27 S - N ¼ THORN			
E.L.	4.9	285.0	
E.C.	5.4	281.5	
E ¼	5.3	281.6	
½	5.4	281.5	
W ¼	5.5	281.4	

	286.86	
W. C.	5.8	281.1
W. L.	5.9	281.0
40 S = 1/2 THORN.		
W L.	5.9	281.0
W. C.	5.8	281.1
W 1/4	5.6	281.3
1/2	5.4	281.5
E 1/4	4.8	282.1
E C.	5.5	281.4
E L.	5.2	281.7
53 S = S 1/4 THORN.		
EL.	5.4	281.5
EC	5.5	281.4
E 1/4	5.5	281.5
1/2	5.2	281.7
W 1/4	5.6	281.3
W C	5.7	281.2
W. L	6.1	280.8

	286.86	
66 S = SC. THORN.		
W. L	6.1	280.8
W. C.	5.8	281.1
W 1/4	5.9	281.0
1/2	5.7	281.2
E 1/4	5.6	281.3
E C	5.5	281.4
E L	5.4	281.5
80 S = S L. THORN.		
E L.	5.6	281.3
E C.	5.6	281.3
E 1/4	5.8	281.1
1/2	5.8	281.1
W 1/4	6.0	280.9
W. C	5.9	281.0
W L.	6.2	280.7
50 S. OF THORN		
W. L	6.4	280.5

	286.86		
W.C.	6.9	280.0	
W.1/4	6.8	280.1	
1/2	6.5	280.4	
E 1/4	6.6	280.3	
E C.	6.4	280.5	
E L.	5.9	281.0	
150 S OF THORN			
E. L.	6.5	280.4	
E.C.	7.0	279.9	
E 1/4	7.2	279.7	
1/2	7.4	279.5	
W. 1/4	7.5	279.4	
W. C.	7.6	279.3	
W. L.	7.0	279.9	
125 S OF THORN			
W. L.	7.2	279.7	
3' E	8.5	278.4	
W. C.	8.6	278.3	
W 1/4	8.6	278.3	

	286.86		
1/2	8.3	278.6	
E 1/4	8.1	278.8	
E C.	8.0	278.9	
E L.	7.7	279.2	
150 S OF THORN.			
E L.	8.0	278.9	
E. C	8.4	278.5	
E 1/4	8.4	278.5	
1/2	8.7	278.2	
W. 1/4	8.9	278.0	
W. C.	9.0	277.9	
3-E OF W.L	9.0	277.9	
W. L	7.4	279.5	
175 S. OF THORN.			
W. L.	7.8	279.1	
3-E OF W.L	9.1	277.8	
W. C	9.2	277.7	
W. 1/4	9.1	277.8	
1/2	8.9	278.0	
E 1/4	8.3	278.6	

	28C, 8C		
E.C.	8.7	278.2	
E.L	8.3	278.6	
200 S OF THORN			
E.L.	8.3	278.6	
E.C.	8.5	278.4	
E 1/4	8.6	278.3	
1/2	8.9	278.0	
W. 1/4	9.0	277.9	
W.C	9.6	277.3	
3' E OF W.L.	9.3	277.6	
W.L.	7.9	279.0	
225 S			
W.L	8.3	278.6	
W.C.	9.9	277.0	
W. 1/4	9.3	277.6	
1/2	9.2	277.7	
E 1/4	8.8	278.1	
E.C.	9.0	277.9	
E.L	8.8	278.1	

	28C, 8C		
250 S			
E.L	8.5	278.4	
E.C.	8.9	278.0	
E 1/4	9.0	277.9	
1/2	9.4	277.5	
W. 1/4	9.4	277.5	
W.C	9.5	277.4	
2 E OF W.L	9.2	277.7	
W.L	8.4	278.5	
275 S			
W.L	8.5	278.4	
5 E OF W.L.	9.4	277.5	
W.C.	9.7	277.2	
W 1/4	9.4	277.5	
1/2	8.8	278.1	
E 1/4	8.3	278.6	
E.C	8.0	278.9	
E.L 300	7.C	279.2	
300 S = W.L. SPRUCE			
E.L	8.7	278.2	

POSTED

E. C	8.8	278, 1
E. 1/4	9.7	277.2
1/2	9.8	277.1
W. 1/4	9.8	277.1
W. C.	9.8	277.1
W. L	8.9	278.0

Levels on Intersection of Union & Juniper 5/06 { Dave Barth

POSTED

	12.85	77.64		64.79
	12.16	89.04	0.76	76.88
50' W of Union				
No line Juniper			7.9	81.1
W. Line Union				
No line Juniper			1.4	8 76
50' No Juniper				
W. Line Union			7.1	81.9
T.P	12.60	101.05	0.59	88.45
50' W of Union				
So line Juniper			11.1	90.0
W. Line Union				
So line Juniper			6.9	94.2
50' So Juniper				
W. Line Union			5.4	95.7
So. line Juniper				
E. line Union			0.7	100.4

BM. Spk in fence N.W. Col. & Juniper

No line Juniper				
E. line Union			2.6	98.5
50' N. Juniper				
E. line Union			3.3	97.8
T.P	6.96	104.92	2.09	98.96
50' E Union				
No line Juniper			2.8	102.1
So " "			0.7	104.2
50' So Juniper				
E. line Union			3.0	101.9

250.81 two small nails in elec. pole
S.W. COR ~~Front~~ 1st & Walnut

239.16 Hub 25' east of Sta. 32
south of Thorn on 1st

285.38.4 Upas & 4th N.E. cor. spike in
new phone pole.

279.645 Thorne & 4th N.E. cor. Bolt in old
phone pole.

273.182 Spruce & 4th N.E. cor. spike in
new phone pole.

Palm from 4th to Par[illegible]
Juniper " 4th " "
Redwood " 4th " "
Olive " 3 " "

250.8 Elmwood Juniper
10.16
260.96
1.23
259.68
4.71
264.39

N. line of Spruce to S. line Upas

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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.		

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