UNIVERSITY AVENUE

No 2

MONROE AVE.

ARIZONA - BOUNDARY

187

400

LEVEL

F.B. 187

187

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

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

MICROFILMED DEC 8 1964

Return to City Engineers Office
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, horizontal measurement.

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

149.88
Return to City Engineers Office
City Hall, San Diego, Cal.
187

265
149.9
115.1

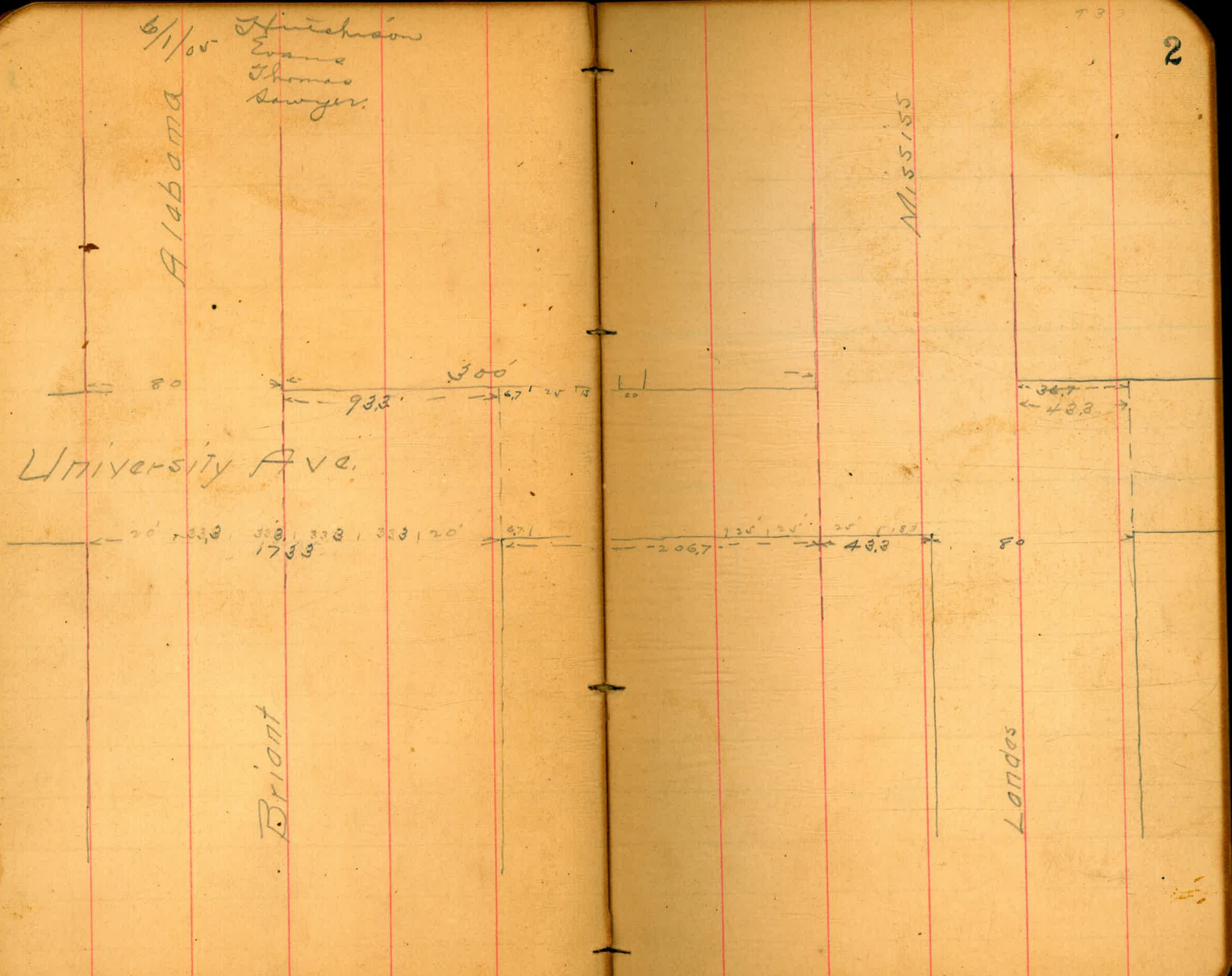
56.3
297.6
80
299.6
733.5

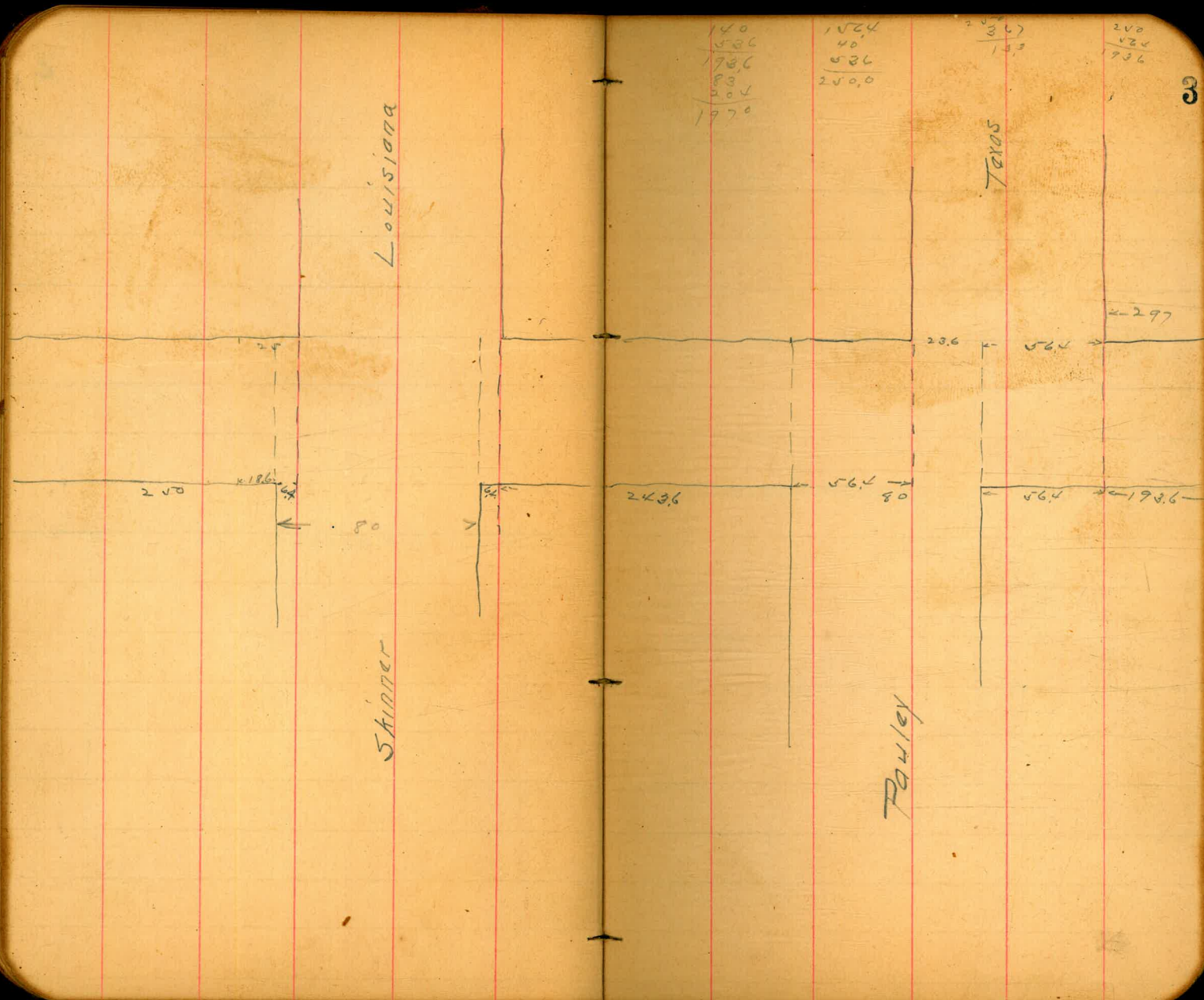
250
83
265
65
69.9
732.9

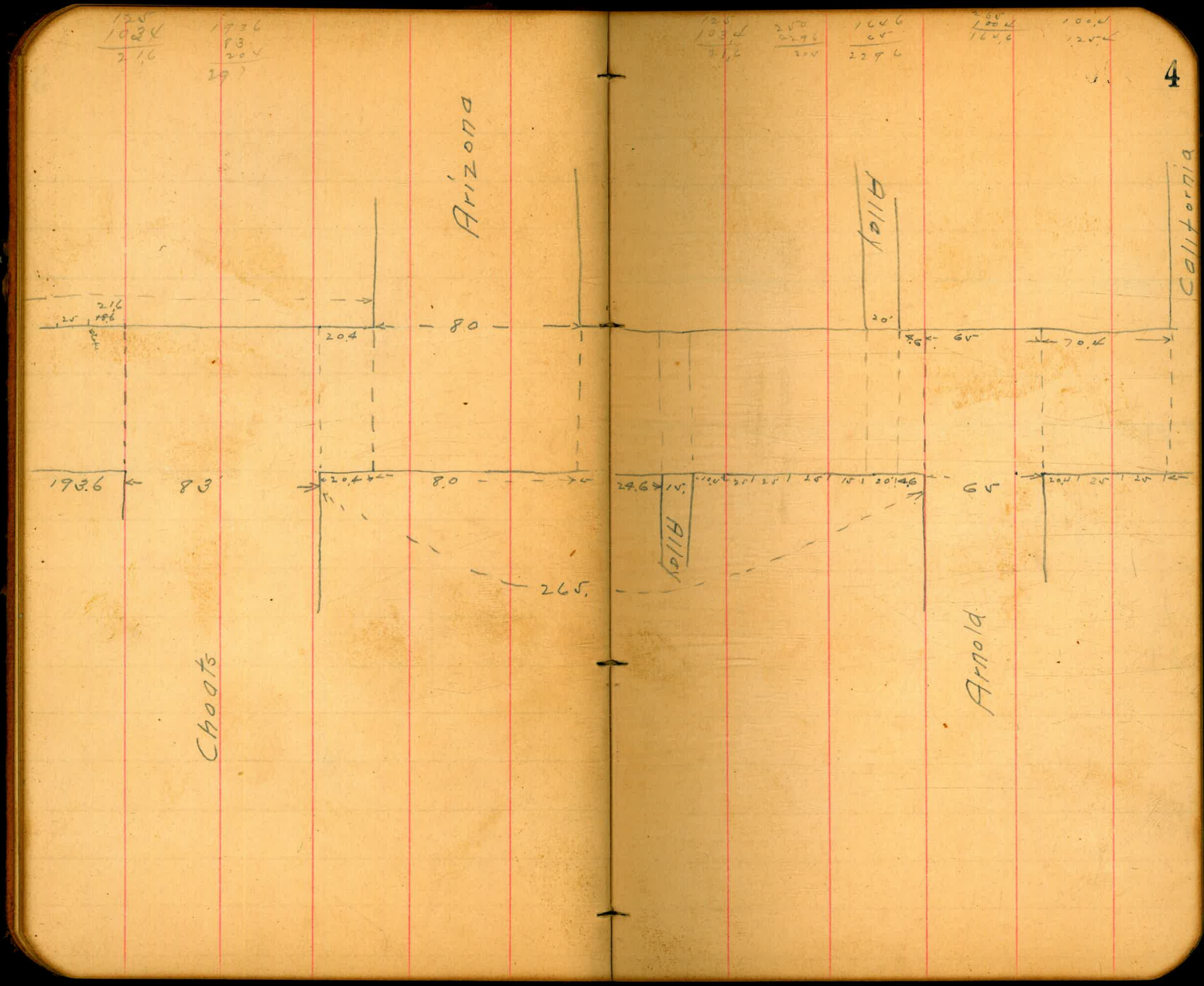
299.8
80
302.1
80
13.1
775.0

265
130
265
115.1
775.1

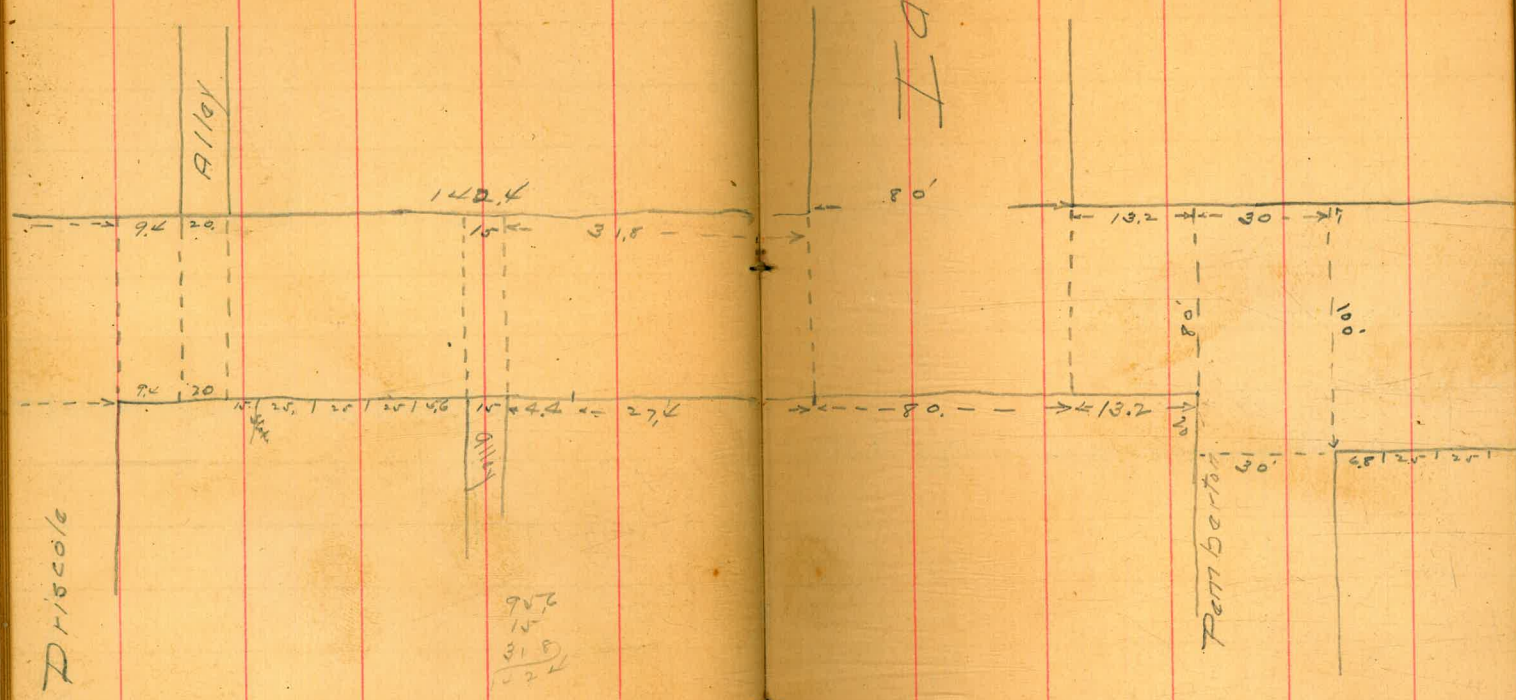
6/1/05 Hutchison
Evans
Thomas
Sawyer.

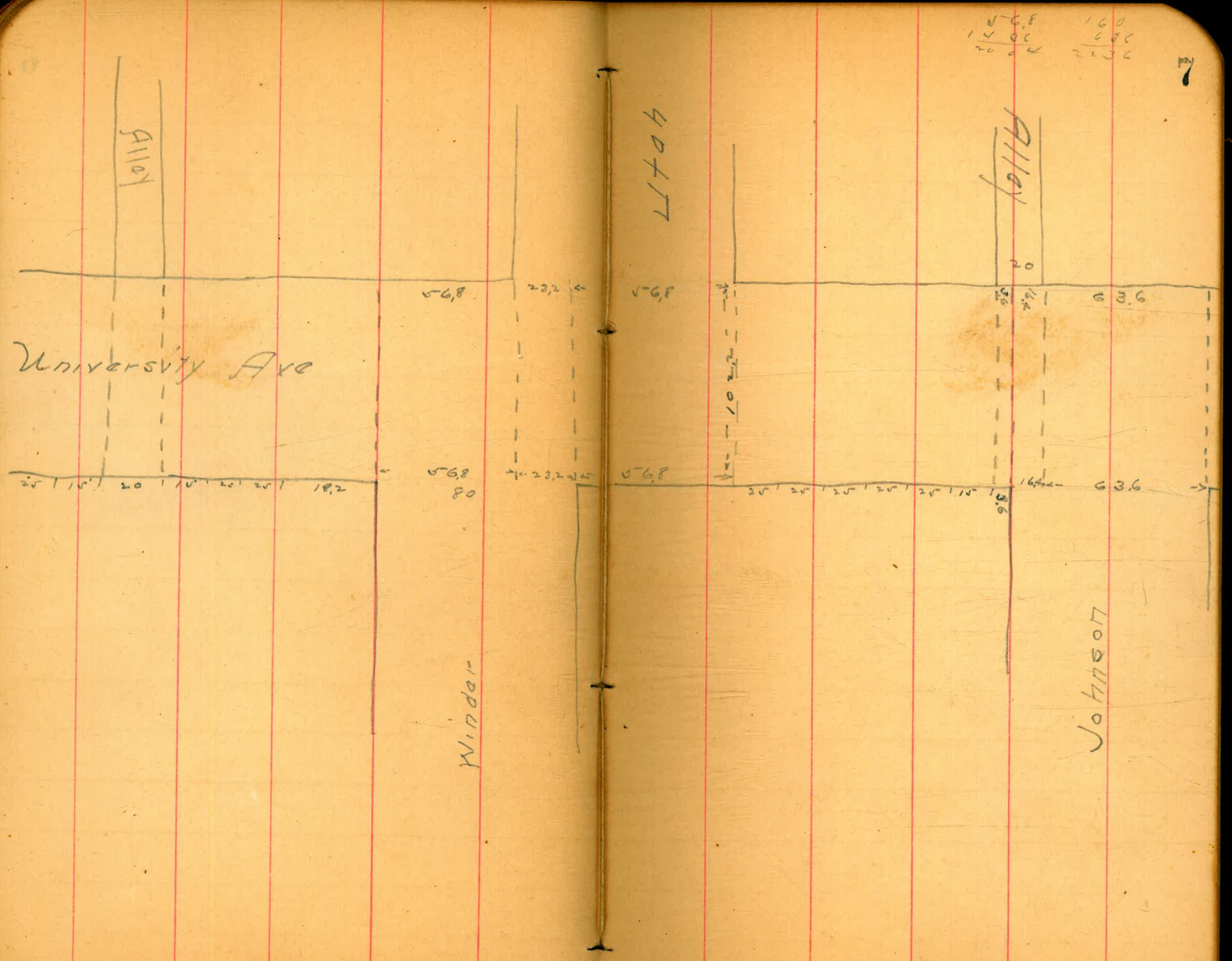


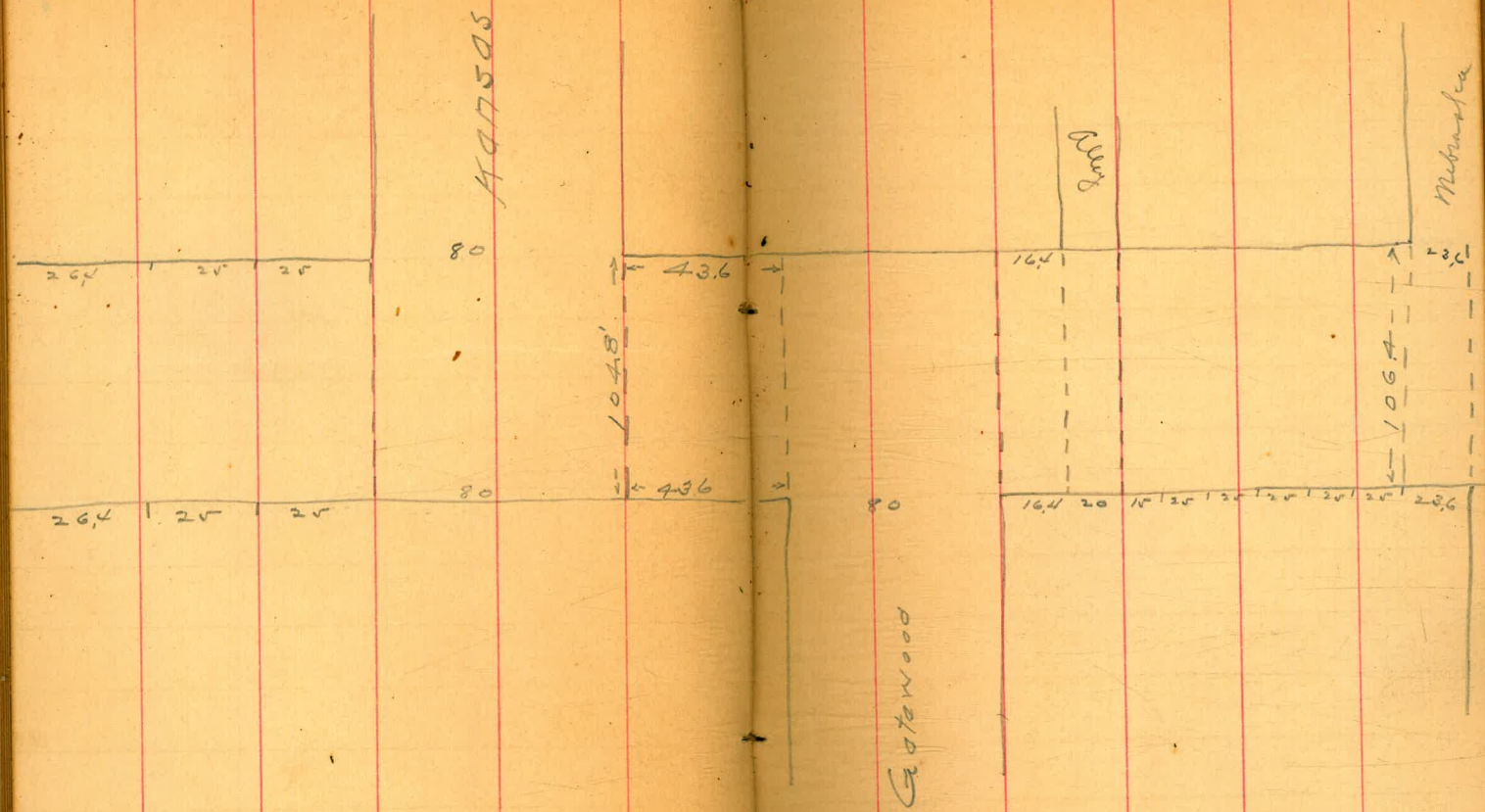

Louisiana
Texas
Skinner
Pauley
140
536
193.6
83
204
1970
156.4
40
536
250.0
367
13.3
250
56.4
193.6
297
23.6
25
250
18.6
6.4
80
243.6
56.4
80
56.4
193.6


Arizona
California
Alloy
Alloy
Choats
Arnold
80
83
193.6
265
65
70.4
20.4
8.0
24.6
15
20
4.6
21.6
18.6
25
10.4
25
25
25
15
20
4.6
20.4
25
25

California
Alley
Hamilton
Oregon
Driscoll

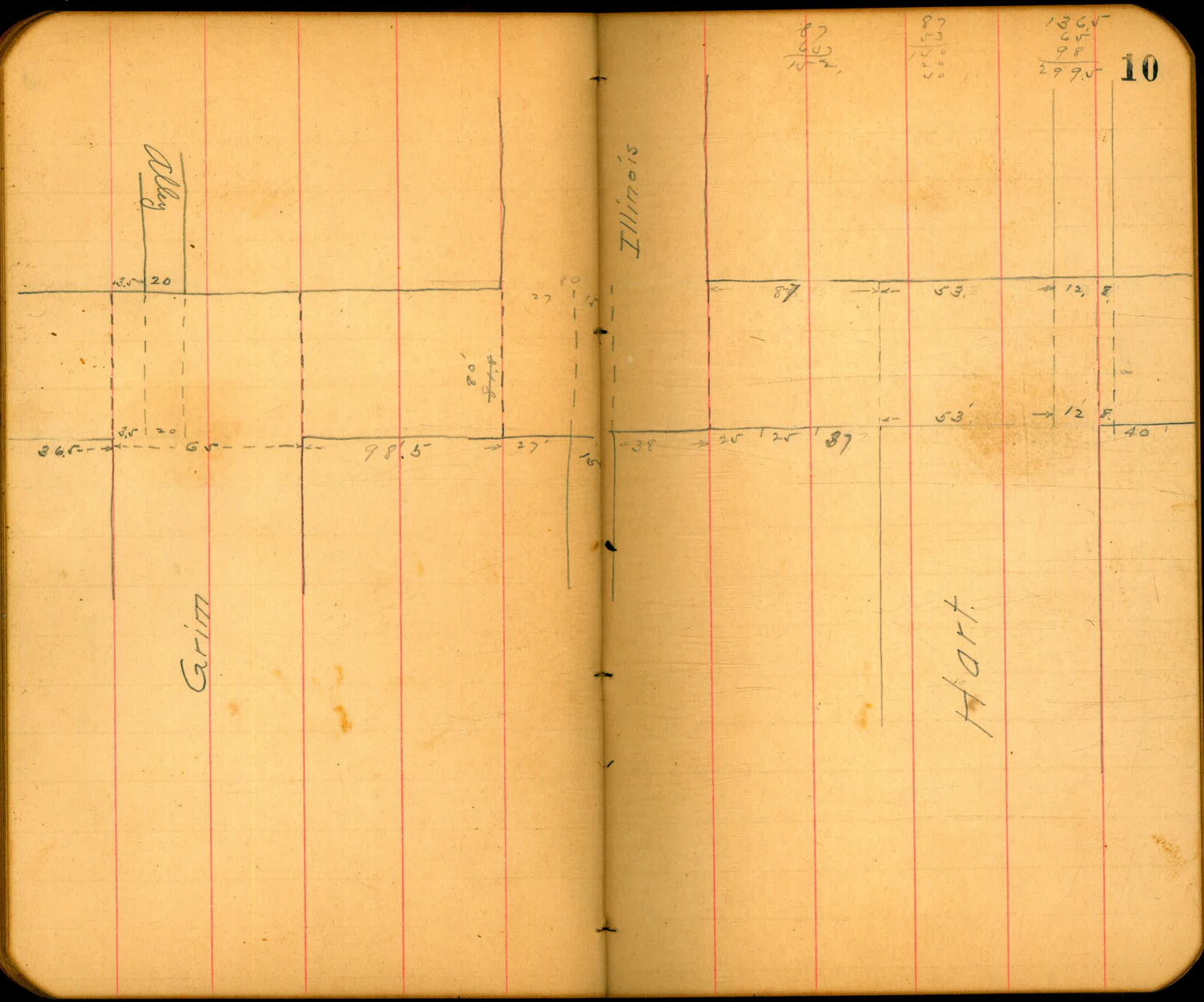

Idaho
Alley
Alley
Driscole
Pemberton
142.4
80'
80.
13.2
30
100'
30'
9.4
20
15
31.8
4.4
27.4
6.8
25
25

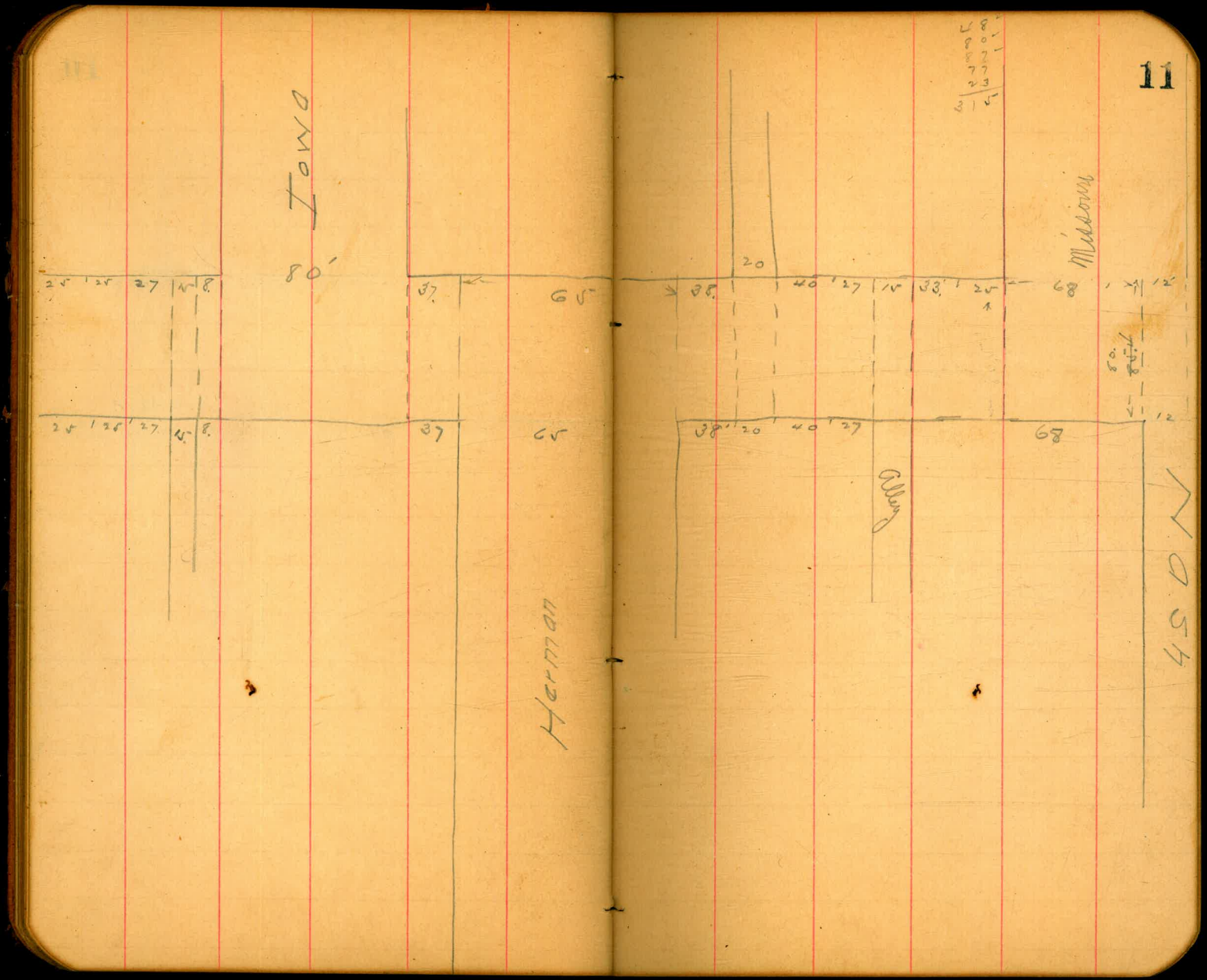

Alley
University Ave
Alley
Johnson

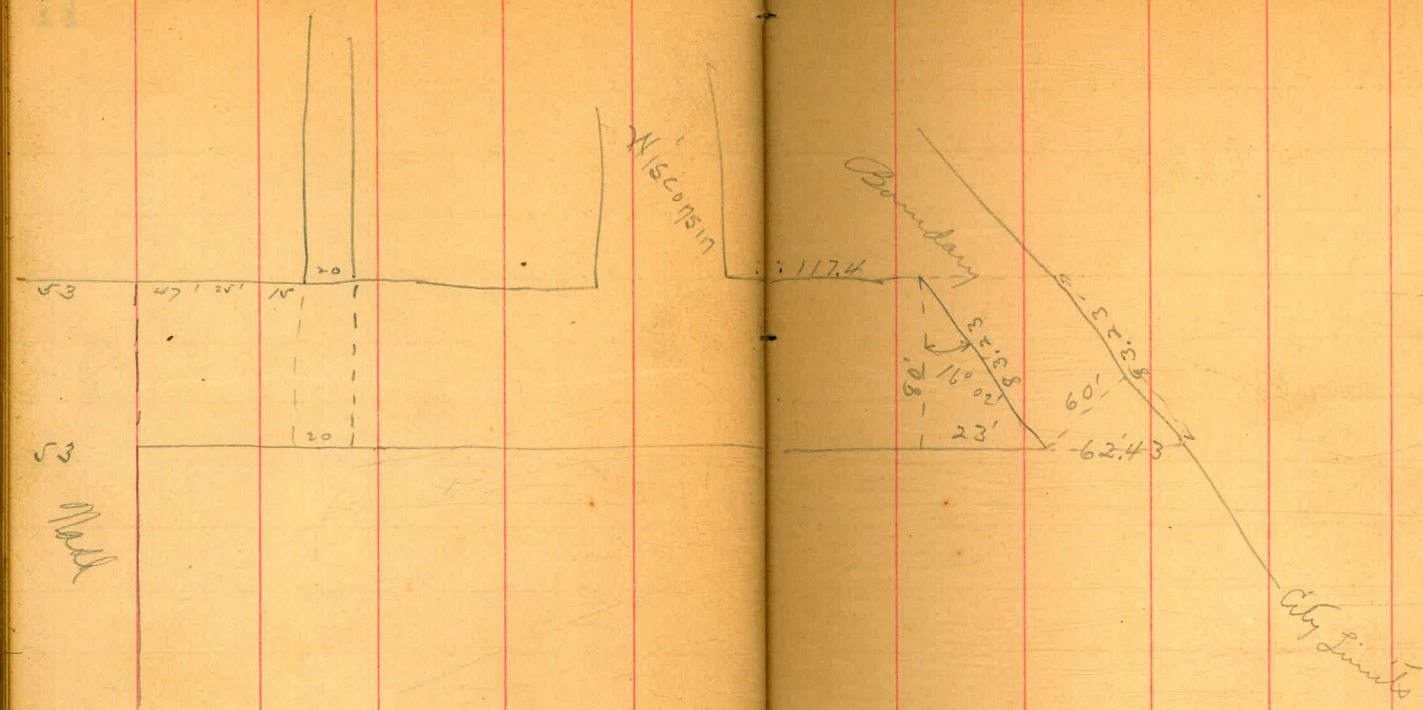

Kansas
Alley
Mebraska
Gatewood
26,4
25
25
80
43.6
104.8'
16,4
23,6
106.4
20
15

6/3/05

Nebraska
Alley
Ohio
80
48.8
27.7
23.6
20'
56.4
Brunson
Robinson
(Roy)
Alley


Alley
Illinois
Grim
Hart
3.5
20
36.5
65
98.5
27
15
80
87
53
12
8
38
25
25
87
40
136.5
65
98
299.5


Iowa
80'
25 25 27 15 8
37
65
38
20
40 27 15 33 25
68
12
Missouri
Alley
Herman
Nash


53
47'
25'
15
20
20
53
Wisconsin
117.4
Boundary
80'
16°02'
23'
60'
62.43
City Limits

University Ave. Cont.

Center Line of Utah.

No 2	353.06	2,4	350.7
—		4,8	350,4
4		3,2	349.9
Ct.		3,7	349.4
4		4,0	349.1
—		4,7	348.4
So 2.		4,9	348.2

East ¼ Line of Utah

So 2.		4,6	348.5
—		4,5	348.6
4		4,0	349.1
Ct.		3,9	349.2
4		3,4	349.7
—		3,3	349.8
No 2.		4,1	350.4

from Book 1,

East Cent Line of Utah

No 2.		2,7	350.4
—		2,7	350,4
4		3,2	349.9
Ct.		3,6	349,5
4		3,3	349.8
—		4,0	349,1
So 2		3,8	349.3

East Line of Utah

So 2.		4,4	349,7
—		4,5	348,6
4		4,2	348.9
Ct.		3,3	349.8
4		3,0	350,1
—		3,0	350,1
No 2		4,2	350.9
	5,87	356,83	2,10	350,96

25' East of Utah

111°2	35683	6.2	350.6
—		6.1	350.7
4		6.6	350.2
Ct		6.4	350.4
4		6.7	350.1
—		7.5	349.3
Do 2		8.0	348.8

50' East of Utah

Do 2		8.0	348.8
—		7.7	349.1
4		7.3	349.5
Ct		6.7	350.1
4		6.8	350.0
—		6.5	350.3
111°2		5.6	351.2

75' East of Utah

111°2		5.0	351.8
—		5.3	351.5
1/4		5.7	351.1
Ct		6.2	350.6
4		6.5	350.3
—		7.0	349.8
Do 2		6.4	350.4

100' East of Utah

Do 2		7.7	349.1
—		7.3	349.5
1/4		6.9	349.9
Ct		6.0	350.8
1/2		5.0	351.8
—		5.9	351.8
111°2		4.9	351.9

120 East of Utah			
No 2	3563	4,6	351.2
—		5,1	351.7
4		5,8	351.0
Ct.		5,4	351,4
4		6,1	350.7
—		6,5	350.3
Do 2		6,6	350,2
140 East of Utah			
Do 4		6,3	350.5
—		6,1	350.7
4		5,2	351.6
Ct		5,5	351.3
4		5,4	351,4
—		4,7	352.1
No 2		4,6	352,2

1463,6 East of Utah ( ) West line of Johnson			
Do 2.		6,3	350.5
—		6,1	350.7
1/4		5,2	351.6
Ct		5,5	351.3
1/4		5,4	351,4
—		4,7	352.1
No 2.		4,6	352,2
West Cust of Johnson			
No 2.		4,4	352,4
—		4,4	352,4
4		4,5	352,3
Ct		5,4	351,4
4		5,6	351,2
—		6,4	350 4
Do 2.		6,4	350,4

University Ave.

160' East of Utah (Alley)

Mo L	356.83	4.4	352.4
—		4.7	352.4
1/4		4.5	352.3
Cx		5.4	351.4
1/4		5.6	351.2
—		6.4	350.4
So L		6.4	350.4

West 1/4 Line of Johnson

So L		5.7	351.1
—		6.4	350.4
4		5.6	351.2
Cx		5.2	351.6
4		4.1	352.7
—		4.4	352.4
Mo L		4.6	352.2

Center of Johnson

Mo L		4.8	352.0
—		4.3	352.5
4		4.8	352.0
Cx		4.6	352.2
4		5.8	351.0
—		6.2	350.6
So L		6.2	350.6

~~West~~ East 1/4 of Johnson

So L		6.1	350.7
—		5.4	351.4
1/4		5.5	351.3
Cx		4.8	352.0
1/4		5.2	351.6
—		4.6	352.2
Mo L		4.5	352.3

East Curb Line of Johnson

M°L	356.83	4.6	352.2
—		4.3	352.5
4		4.7	352.1
Ct.		4.3	352.5
4		5.0	351.8
—		5.6	351.2
So L		5.2	351.6

(223.6 East of Utah) East Line of Johnson

So L.		5.1	351.7
—		5.7	351.1
1/4		4.3	352.5
Ct.		3.8	353.0
1/4		4.8	352.0
—		4.9	351.9
M°L.		4.4	352.4

250' East of Utah

M°L.		4.2	352.6
—		4.6	352.4
4		4.8	352.0
Ct.		5.1	351.7
4		5.3	351.5
—		4.3	352.5
So L.		5.6	351.2

275' East of Utah

So L.		5.3	351.5
—		4.4	352.4
1/4		4.8	352.0
Ct		4.9	351.9
1/4		4.1	352.7
—		5.0	351.8
So L.		4.5	352.3

(300) WEST Line of Kansas

M°L	35 6,83	4,4	352.4
—		4,5	352.3
4		4,0	352.8
CX.		3,9	352.9
4		5,2	351.6
—		4,8	352.0
As L		4,8	352.0

WEST Curb of Kansas

As L.		5,4	351.4
—		5,3	351.5
4		5,4	351.4
CX.		4,1	352.7
4		3,5	353.3
—		4,5	352.3
M°L.		4,0	352.8

WEST 1/4 of Kansas

M°L		3,6	353.2
—		4,1	352.7
4		4,7	352.1
CX.		5,1	351.7
4		5,2	351.6
—		4,9	351.9
As L.		5,4	351.4

Center Line of Kansas

As L.		4,7	352.1
—		4,6	352.2
4		3,9	352.9
CX.		5,1	351.7
4		4,8	352.0
—		3,6	353.2
M°L		3,8	353.0

East ¼ Line of Kansas

M°L.		356,83	3,9	352.9
—			4,2	352,6
¼			4,5	352,3
Cl.			4,7	352.1
4			4,9	351.9
—			4,9	351.9
So L			4,6	352.4

East Curb Line of Kansas

So L.			5,1	351,7
—			4,9	351.9
¼			4,2	352,6
Cl.			4,3	352,5
4			1,9	353.9
—			3,9	353.9
M°L.			1,5	354.3
	6,66	360,62	2,87	353,96

East Line of Kansas

M°L	360,62	6,6	354.0
—		7,6	353.0
¼		7,2	353 4
Cl		7,7	352.9
¼		7,1	353,5
—		8,4	352,2
So L.		8,5	352,1

43,6' East of Kansas (West Line of Gatewood)

So L.		6,8	353,5
—		6,6	354,0
¼		6,3	354.3
Cl.		6,8	353.8
4		5,9	354,7
—		5,0	355.6
M°L		6,4	354.2

West Cent of Gatewood

N°L	360,62	5,7	354,9
—		5,7	354,9
½		6,0	354,6
Ct.		6,5	354,1
½		7,0	353,6
—		6,8	353,8
So L.		6,4	354,2

West ½ of Gate

So L.		7,4	353,2
—		6,7	353,9
½		6,0	354,6
Ct.		6,8	353,8
½		6,4	354,2
—		6,0	354,6
N°L		5,5	355,1

Center of Gatewood

N°L		5,9	354,7
—		5,9	354,7
½		5,8	354,8
Ct.		6,4	354,2
½		5,8	354,8
—		6,7	353,9
So L.		6,7	353,9

East ½ Line of Gatewood

So L		6,4	354,2
—		7,0	353,6
½		6,4	354,2
Ct.		6,4	354,2
½		5,7	354,9
—		6,0	354,6
N°L.		6,0	354,6

East Curb Line of Gatewood

Mo L	360.62	5,9	354.7
—		6,1	354.5
4		6,1	354.5
Ct.		6,3	354.3
4		5,8	354.8
—		6,5	354.1
So L.		6,4	354.2

123.6 East of Kansas

East Line of Gatewood

So L		6,5	354.1
—		6,6	354.0
1/4		6,2	354.4
Ct		6,2	354.4
1/4		5,1	355.5
—		4,5	356.1
Mo L.		6,2	354.4

140' East of Kansas (Alley)

Mo L.		6,0	354.6
—		5,9	354.7
4		5,5	355.1
Ct.		6,2	354.4
4		6,3	354.3
—		6,4	354.2
So L.		6,3	354.3

160' East of Kansas (Alley)

So L.		5,9	354.7
—		5,8	354.8
1/4		5,5	355.1
Ct.		5,0	355.6
1/4		6,3	354.3
—		6,2	354.4
Mo L		6,2	354.4

175' East of Kansas			
M°L	360,62	4,1	356,2
—		6,2	354,4
4		6,3	354,3
Cr.		5,2	355,4
4		4,8	355,8
—		6,0	354,6
Do L.		5,8	354,8
200' East of Kansas			
Do L.		5,6	355,0
—		6,2	354,4
4		6,2	354,4
Cr.		5,7	354,9
4		6,1	354,5
—		5,7	354,9
M°L.		5,9	354,7

225' East of Kansas			
M°L.		3,5	357,1
—		4,8	355,8
1/4		6,0	354,8
Cr.		5,6	355,0
1/4		6,0	354,6
—		6,2	354,4
Do L.		6,1	354,5
250' East of Kansas			
Do L		6,2	354,4
—		5,0	355,6
1/4		5,0	355,6
Cr.		5,7	354,9
1/4		5,9	354,7
—		4,9	355,7
M°L		5,1	355,4

275' East of Kansas

M°L	360.62	5,5	355.1
—		5,1	355,5
4		4,6	356.0
Ck.		4,6	356.0
1/4		5,8	354.8
—		5,3	355,3
Do L.		6,2	354.4

(300) West Line of Nebraska (30th St)

Do L.		6,2	354,4
—		5,7	354.9
4		4,4	356.2
Ck.		4,3	356,3
4		4,9	355,7
—		4,9	355 7
M°L		4.9	355,7
		4,90	355,72

West Curt Line of Nebraska (30th)

	4,79	360,55	355,76
M°L		3,4	357.2
—		4,7	355.9
4		4,9	355.7
Ck.		5,0	355.6
4		5,0	355.6
—		5,5	355.1
Do L.		6,0	354.6

236' East of West Line of Nebraska (West Line of Brunson)

Do L.		4,6	356.0
—		5,3	355,3
4		5,7	354.9
Ck.		4,7	355,9
1/4		4,5	356.1
—		4,5	356.1
M°L		4,1	356.1

West ¼ of Nebraska

So	260.55	4,6	35-6.0
—		5,3	35-5.3
¼		5,7	35-4.9
Ct		4,7	35-5.9
¼		4,5	35-6.1
—		4,5	35-6.1
No 2.		4,1	35-6.5

West Cut of Brunson

No 2.		2,6	35-8.0
—		3,4	35-7.6
¼		3,6	35-7.0
Ct.		2,9	35-7.7
¼		4,6	35-6.0
—		5,5	35-5.1
So 2.		4,9	35-5.7

Center Line of Nebraska

No 2	2,6	35-8.0
—	3,4	35-7.2
¼	3,6	35-7.0
Ct	2,9	35-7.7
¼	4,6	35-6.0
—	5,5	35-5.1
So 2	4,9	35-5.7

West ¼ of Brunson

So 2	4,6	35-6.0
—	4,5	35-6.1
¼	4,5	35-6.1
5' So of Ct.	2,8	35-7.5
Ct.	3,4	35-7.2
¼	4,3	35-6.3
—	3,7	35-6.9
No 2.	3.6	35-7.0

Quit 6/7/05 Hutchison Evans Sawyer.

East 1/4 of Nebraska

So			4,6		356.0
—			4.5		356.1
1/4			4,5		356.1
~~Ct~~ 5' Soof Ct,			2,8		357.8
~~1/4~~ Ct,			3.4		357.2
1/4			4.3		356.3
~~Mo L~~ Curb			3,7		356.9
Mo L			3,6		357.0
	4.09	359.85		355.76	

Center Line of Brunson

Mo L.			3.5		356.4
—			3.9		356.0
1/4			3.9		356.0
Ct.			4.1		355.8
1/4			4.2		355.7
—			4.1		355.8
So L.			4,2		355.7

$\frac{78}{17}$ Began 6/9/05 Hutchison Evans Sawyer

East Curb Line of Nebraska

Mo L		359.85	3.5		356.4
—			3.9		356.0
1/4			3.9		356.0
Ct			4.1		355.8
1/4			4.2		355.7
—			4.1		355.8
So L			4.2		355.7

East 1/4 of Brunson

So L.			5.1		354.8
—			4.2		355.7
1/4			4.4		355.5
Ct.			3.9		356.0
1/4			3.9		356.0
—			3.6		356.3
Mo L.			3.6		356.3.

East Line of Nebraska

So L.	3979.85	5.1	3954.8
—		4.2	3955.7
1/4		4.4	3955.5
Cr		3.9	3956.0
1/4		3.9	3956.0
—		3.6	3956.3
N° L		3.6	3973.3

East Cent of Brunson

N° L.		3.5	3956.4
—		3.6	3956.3
4		4.0	3955.9
Cr.		4.1	3955.8
4		4.4	3955.5
—		4.4	3955.5
So L.		4.7	3955.2

113.6 East of Nebraska

East Line of Brunson

So L.		5.0	3954.9
—		3.5	3956.4
4		3.8	3956.1
Cr.		4.3	3955.6
4		4.0	3955.9
—		2.8	3957.1
N° L.		3.5	3956.4

50' East of Nebraska

N° L.		3.9	3956.0
—		4.3	3955.6
4		3.8	3956.1
Cr		4.0	3955.9
4		4.7	3955.2
—		4.8	3955.1
So L.		4.7	3955.2

75' East of Nebraska (30th St)

Alley	359.85	5.0	354.9
—		5.0	354.9
4		4.6	355.3
Ch		4.3	355.6
4		4.3	355.6
—		4.5	355.4
Mo Pac		4.1	355.8

100' East of Neb.

Mo Pac		4.4	355.5
—		4.5	355.4
1/4		4.9	355.0
Ch		4.6	355.3
1/4		4.8	355.1
—		4.8	355.1
Alley		4.8	355.1

125' East of Neb.

Alley		5.1	354.8
—		4.9	355.0
4		4.9	355.0
Ch		4.8	355.1
4		4.9	355.0
—		4.7	355.2
Mo Pac		4.5	355.4

100' East of Neb (alley)

Mo Pac		4.1	355.8
—		4.7	355.2
1/4		4.7	355.2
Ch		5.0	354.9
1/4		4.2	355.7
—		4.9	355.0
Alley		5.1	354.8

160' East of Nut (alley)

So L.	359.85	4.9	355.0
—		4.9	355.0
4		4.6	355.3
Ct.		4.9	355.0
4		4.8	355.1
—		4.8	355.1
No L.		4.7	355.2

175' East of Nut

No L.		4.6	355.3
—		4.7	355.2
4		4.7	355.2
Ct.		4.5	355.0
4		4.6	355.3
—		4.8	355.1
So L.		4.8	355.1

200' East of Nut.

So L.		5.0	354.9
—		4.7	355.2
4		4.7	355.2
Ct		4.7	355.2
4		4.7	355.2
—		4.6	355.3
No L.		4.8	355.1

(203.6 East of Nut) West Line of Rotunda (Road)

No L.		4.8	355.1
—		4.7	355.2
4		5.0	354.9
Ct.		5.0	354.9
4		4.7	355.2
—		4.8	355.1
So L.		4.8	355.1

Center Line of Robinson (Roy.

No L.	359.85	4.8	355.1
—		4.7	355.2
4		5.0	354.9
Ct		5.0	354.9
4		4.7	355.2
—		4.8	355.1
So L		4.8	355.1

251.3 East of Neb. (East Line of Robinson Roy)

So L.		4.4	355.5
—		4.4	355.5
4		4.4	355.5
Ct.		4.6	355.3
4		4.6	355.3
—		4.6	355.3
No L.		4.6	355.3

Note—
West from East Line of Robinson (Roy)
Univ. Ave is 108.8 Wide—
East of Robinson Univ. Ave is.
80' Wide.
See Transit Notes.

251.3 East of Neb (East Line of Robinson

So L.		4.4	355.5
—		4.6	355.3
1/4		4.6	355.3
Ct		4.6	355.3
1/4		4.6	355.3
—		4.6	355.3
No L.		4.6	355.3

(299.8) West Line of Ohio

M°L.	299.85	4.8	3 5-5. 1
—		4.7	3 5-5. 2
4		4.6	3 5-5. 3
Ct.		4.5	3 5-5. 4
4		4.4	3 5-5. 5
—		4.5	3 5-5. 4
So L.		4.6	3 5-5. 3

West Cent Line of Ohio

So L.		4.5	3 5-5. 4
—		4.4	3 5-5. 5
4		4.5	3 5-5. 4
Ct.		4.4	3 5-5. 5
4		4.4	3 5-5. 5
—		4.5	3 5-5. 4
M°L		4.6	3 5-5. 3

West 1/4 of Ohio

M°L.		4.6	3 5-5. 3
—		4.6	3 5-5. 3
4		4.5	3 5-5. 4
Ct.		4.4	3 5-5. 5
4		4.4	3 5-5. 5
—		4.6	3 5-5. 3
So L		4.4	3 5-5. 5

Center Line of Ohio

So Line		4.3	3 5-5. 6
—		4.4	3 5-5. 5
4		4.5	3 5-5. 4
Ct.		4.6	3 5-5. 3
4		4.4	3 5-5. 5
—		4.6	3 5-5. 3
M°L.		4.5	3 5-5. 4

East 1/4 of Ohio

M°L		357,85	4,3	355,6
—			4,4	355,5
4			4,4	355,5
Ct.			4,3	355,6
4			4,1	355,8
Ch.			4,4	355,5
So L			4,2	355,7

East Curt of Ohio

So L.			4,1	355,8
—			4,3	355,6
4			4,4	355,5
Ct.			4,3	355,6
4			4,2	355,7
—			4,5	355,4
M°L.			4,3	355,6
	6,08	362,46	8,57	256,38

3,5' West of East Line of Ohio (Alley Line

M°L.	362,46	6,8	355,7
—		6,5	356,0
4		6,3	356,2
Ct.		6,8	355,7
4		6,8	355,7
—		6,8	355,7
So L.		6,6	355,9

East Line of Ohio

M°L		6,8	355,7
—		6,5	356,0
4		6,3	356,2
Ct		6,8	355,7
4		6,8	355,7
—		6,8	355,7
So L		6,6	355,9

11.5' East of Ohio (alley line)

So L.	362.46	6.5	356.0
—		6.6	355.9
1/4		6.7	355.8
Ct.		6.6	355.9
1/4		6.7	355.8
—		6.6	355.9
No L.		6.8	355.7

50' East of Ohio

No L.	5.8	356.7
—	6.3	356.2
4	6.2	356.3
Ct.	6.3	356.2
4	6.6	355.9
—	6.2	356.3
So L.	6.2	356.3

75' East of Ohio

So L.	6.1	356.4
—	6.1	356.4
4	6.4	356.1
Ct.	6.2	356.3
4	6.1	356.4
—	6.0	356.5
No L.	6.1	356.4

100' East of ohio

No L.	5.6	356.9
—	5.0	357.5
4	5.5	357.0
Ct.	5.8	356.7
4	6.2	356.3
—	5.8	356.7
So L.	5.9	356.6

136.5 East of Ohio (West Line of Grim.)

So L	362.46	5,5	357.0
—		5,6	356.9
4		5,8	356.7
Ct.		5,4	357.1
4		5,7	356.9
—		5,3	357.2
No L.		5,1	357.4

120' East of Ohio (alley line)

So L		5,5	357.0
—		5,6	356.9
1/4		5,8	356.7
Ct		5,4	357.1
1/4		5,6	356.9
—		5,3	357.2
No L.		5,1	357.4

West Curb of Grim.

No L.	5,3	357.2
—	5,3	357.2
4	5,3	357.2
Ct.	5,2	357.3
4	5,8	356.7
—	5,8	356.7
So L.	5,4	357.1

West 1/2 of Grim

So L	5,7	356.8
—	5,6	356.9
4	5,6	356.9
Ct.	5,2	357.3
4	5,3	357.2
—	5,2	357.3
No L	5,2	357.3

160' East of this Calley Line			
So. L.	362,4	V,7	356.8
—		V,7	356.9
1/4		V,6	356.9
Ct		V,2	357.3
1/4		V,3	357.2
—		V,2	357.3
No L		V,2	357.3
Center Line of Grim			
No L.		4,4	358.1
—		V,3	357.2
1/4		V,4	357.1
Ct.		4,6	357.9
1/4		V,6	356.9
—		V,6	356.9
So L.		V,6	356.9

East 1/4 of Grim			
So L		V,3	357.2
—		V,2	357.0
1/4		V,6	356.9
Ct		V,3	357.2
1/4		V,3	357.2
—		V,2	357.3
No L.		4,3	358.2
East Cent of Grim			
No L.		4,8	357.7
—		V,2	357.3
1/4		V,1	357.4
Ct.		4,9	357.6
1/4		V,6	356.9
—		V,6	356.9
So L		V,3	357.2

East Line of Grim (201.5 East of Ohio)

So L	362.6	5.4	357.1
—		5.3	357.2
1/4		5.3	357.2
Ct		5.2	357.3
1/4		5.5	357.0
—		4.8	357.7
N°L.		4.8	357.7

225' East of Ohio

N°L.	5.0	357.5
—	4.9	357.6
4	5.0	357.5
Ct.	4.9	357.6
4	5.0	357.5
—	4.9	357.6
So L.	5.2	357.3

250 East of Ohio

So L.	5.2	357.3
—	5.0	357.5
1/4	5.1	357.4
Ct.	5.1	357.4
1/4	4.8	357.7
—	4.6	357.9
N°L.	4.7	357.8

275' East of Ohio

N°L.	4.4	358.1
—	4.4	358.1
4	4.6	357.9
Ct.	5.1	357.4
4	5.0	357.5
—	4.7	357.8
So L.	5.1	357.4

(299.5-) West Line Illinois

So L.	362.46	5.1	357.4
—		4.8	357.7
4		5.2	357.3
Ct.		4.9	357.6
4		4.5	358.0
—		4.5	358.0
No L.		4.9	357.6

West Cent of Illinois

No L.		4.4	358.1
—		4.6	357.9
4		4.4	358.1
Ct.		4.6	357.9
4		5.2	357.3
—		5.2	357.3
So L.		5.3	357.2

West 1/4 of Illinois (alley Line

So L.		5.2	357.3
—		4.6	357.9
4		4.9	357.6
Ct.		4.8	357.7
4		4.7	357.8
—		4.5	358.0
No L.		4.7	357.8

Center Line of Illinois

No L.		4.4	358.1
—		4.2	358.3
4		4.6	357.9
Ct.		4.8	357.7
4		5.0	357.5
—		5.0	357.5
So L		4.9	357.6

42' East of West Line of Illinois Alley Line.

M°L	362.46	4.4	358.1
—		4.2	358.3
4		4.6	357.9
Ct		4.8	357.7
4		5.0	357.5
—		5.0	357.5
So L.		4.9	357.6

East 4 Line of Alf.

So L.		4.9	357.6
—		4.8	357.7
4		4.8	357.7
Ct.		5.0	357.5
4		4.9	357.6
—		4.4	358.1
M°L.		4.5	358.0

East Curt of Alf,

M°L.		4.9	357.6
—		4.6	357.9
4		4.8	357.7
Ct.		4.8	357.7
4		5.0	357.5
—		5.1	357.4
So L.		4.7	357.8

East Line of Alf,

So L.		4.6	357.9
—		4.8	357.7
4		4.9	357.6
Ct.		5.1	357.4
4		4.4	358.0
—		4.5	358.0
M°L.		4.4	358.3
	440 362.70	4.16	358.30

University Ave,

25' East of Illinois

M°L.	362,70	4,7	358,0
—		4,5	358.2
4		4,7	358.0
Ct.		4,9	357.8
4		5,2	357.5
—		4,9	357.8
Ro L.		4,6	358.1

50' East of Ill.

Ro L.		4,5	358.2
—		4,7	358.0
4		5,1	357.6
Ct.		4,5	358.2
4		4,7	358.0
—		5,0	357.0
M°L.		4,4	358.3

87' East of Ill. (West Line of Hart.

M°L.		4,4	358.3
—		3,7	359.0
4		4,7	358.0
Ct.		4,8	357.9
4		5,0	357.7
—		4,8	357.9
Ro L.		4,7	358.0

WEST Curt of Hart.

Do L		5,0	357.7
—		5,0	357.7
4		4,9	357.8
Ct		4,7	358.0
4		4,6	358.1
—		4,2	358.5
M°L		4,4	358.3

West ¼ of Hart

No L.	36.2,70	4,4	358.3
—	4	4,3	358.4
4		4,8	357.9
Ct.		4,9	357.8
4		5,1	357.6
—		4,8	357.9
So L.		5,1	357.6

Center line of Hart

So L.		5,1	357.6
—		5,0	357.7
4		4,9	357.8
Ct.		4,9	357.8
4		4,8	357.9
—		4,5	358.2
No L		4.9	357.8

East ¼ of Hart,

No L.		4,6	358.1
—		4,8	357.9
4		4,8	357.9
Ct.		4,6	358.1
4		5,0	357.7
—		5,0	357.7
So L.		5,2	357.5

1½0' East of Illinois Valley.

So L.		5,1	357.6
—		5,4	357.3
4		5,5	357.2
Ct.		5,0	357.7
4		4,8	357.9
—		5,1	357.6
No L.		5,0	357.7

East Curb of Hart

So L	262,0	5,1	357.6
—		5,4	357.3
¼		5,5	357.2
CL		5,0	357.7
¼		4,8	357.9
—		5,1	357.6
No L		5,0	357.7

18.2' East of Sly. (East Line of Hart.

No L		4,8	357.9
—		5,2	357.5
¼		5,0	357.7
CL		5,2	357.5
¼		5,6	357.1
—		5,5	357.2
So L		5,4	357.3

160' East of Sly (alley Line

So L		5,7	357.0
—		5,6	357.1
¼		5,4	357.3
CL		5,4	357.3
¼		5,2	357.5
—		5,3	357.4
No L		5,4	357.3

200' East of Allin.

No L		5,2	357.5
—		5,6	357.1
¼		5,8	356.9
CL		5,4	357.3
¼		5,8	356.9
—		6,0	356.7
So L		5,9	356.8

225' East of Alley

Sa Lm	5,9	356.8
—	5,9	356.8
¼	5,9	356.8
Ct.	6,0	356.7
¼	6,0	356.7
—	5,9	356.8
M°L.	5,6	357.1

250 East of Alley

M°L.	5,6	357.1
—	6,3	356.4
¼	5,7	357.0
Ct.	6,1	356.6
¼	6,1	356.6
—	6,3	356.4
Do L.	6,4	356.3

277 East of Alley (alley line)

Sa L	6,6	356.1
—	6,6	356.1
¼	6,5	356.2
Ct	6,6	356.1
¼	6,0	356.7
—	6,1	356.6
M°L.	6,0	356.7

292' East of Alley (alley line)

M°L	6,0	356.7
—	6,2	356.5
¼	6,5	356.2
Ct.	6,3	356.4
¼	6,5	356.2
—	6,6	356.1
Do L.	6,6	356.1

(300) West Line of Iowa

No 2	362.70	6,6	356.1
—		6,6	356.1
1/4		6,6	356.1
Cr.		6,1	356.6
1/4		6,2	356.5
—		6,2	356.5
Mo 2		6,1	356.6

West Cust of Iowa

Mo 2		5,9	356.8
—		6,2	356.5
4		6,2	356.5
Cr.		6,4	356.3
4		6,5	356.2
—		6,5	356.2
No 2		6.6	356.1

West 1/4 of Iowa

No 2		6,9	355.8
—		7,0	356.7
1/4		6,7	356.0
Cr.		6,5	356.2
1/4		6,6	356.1
—		6,8	355.9
Mo 2		6,8	355.9

Center Line of Iowa,

Mo 2		5,8	356.9
—		5,8	356.9
4		6,3	356.4
Cr.		6,5	356.2
4		7,1	355.6
—		7,2	355.5
No 2		7.1	355.6

East ¼ of Sawa

Sa L	362.70	7,4	355.3
—		7,4	355.3
4		7,1	355.6
Ct.		6,9	355.8
4		6,4	356.3
—		6,6	356.1
M°L.		6,5	356.2

East Curb Line of Sawa

M°L		6,7	356.0
—		6,5	356.2
4		6,7	356.0
Ct.		7,0	355.7
4		7,7	355.0
Ct.		7,8	354.9
Sa L.		7.9	354.8

East Line of Sawa

Sa L.		8,3	354.4	
—		7,8	354.9	
4		7,7	355.0	
Ct.		7,2	355.5	
4		7,0	355.7	
—		7 0	355.7	
M°L.	2,82	358.25	7,27	355.43 BM,

37' East of Sawa (WEST Line of Herman)

M°L.	3,2	355.1	
—	3 3	355.0	
14	3,4	354.9	
Ct.	3,8	354.5	
14	4,0	354.3	
—	4,2	354 1	
Sa L.	4,6	355.7	

West Cutter Herman

So L	358.25	4.3	354.0
—		4.1	354.2
4		4.1	354.2
Ck.		3.8	354.5
4		3.9	354.4
—		3.7	354.6
Mo L		3.6	354.7

West 1/4

Mo L		3.9	354.4
—		4.0	354.3
4		4.1	354.2
Ck.		4.2	354.1
4		4.2	354.1
—		4.2	354.1
So L		4.4	353.9

Center L.

So L		4.5	353.8
—		4.3	354.0
4		4.3	354.0
Ck.		3.9	354.4
4		4.3	354.0
—		4.2	354.1
Mo L.		3.9	354.4

East 1/4

Mo L		4.0	354.3
—		4.4	353.9 ~~354.9~~
4		4.5	353.8 ~~355.8~~
Ck.		4.7	353.6 ~~355.6~~
4		4.9	353.4 ~~355.4~~
—		4.6	353.7
So L		4.9	353.4

East Curb

So L	358.25	5,1	353.2
—		4,7	353.6
⊿		4,8	353.5
Ct,		4,6	353.7
⊿		4,7	353.6
—		4,5	353.8
No L		4,4	353.9

(102' East of Iowa) East Line of Herman

No L		4,5	353.8
—		4,7	353.6
1/4		4,8	353.5
Ct		4,9	353.4
⊿		5,1	353.2
—		4,9	353.4
So L		5,0	353.3

140' East of Iowa (alley)

So L		5,3	353.0
—		5,6	352.7
⊿		5,6	352.7
Ct		5,2	353.1
⊿		5,1	353.2
—		5,0	353.3
No L,		4,9	353.4

160 East of (alley)

No L		5,0	353.3
—		5,3	353.0
⊿		5,1	353.2
Ct		4,9	353.4
⊿		5,4	352.9
—		5,7	352.6
So L		5.7	352.6

200' East of Iowa

So L	258.25	6,1	352.2
—		5,9	352.4
4		5,8	352.5
Ct.		5,5	352.8
4		5,7	352.6
—		5,3	353.0
Mo L.		5,2	353.1

227' East of Iowa (alley)

Mo L.		5,2	353.1
—		5,3	353.0
4		5,8	352.5
Ct.		6,0	352.3
4		6,1	352.2
—		6,1	352.2
So L.		6,3	352.0

242' East of Iowa (alley)

So L.		6,6	351.7
—		6,3	352.0
1/4		6,1	352.2
Ct.		5,8	352.5
1/4		5,7	352.6
—		5,4	352.9
Mo L.		5,2	353.1

275' East of Iowa

Mo L.		5,0	353.3
—		5,2	352.9
4		5,7	352.6
Ct.		6,1	352.2
4		6,1	352.2
—		6,2	352.1
So L.		6,4	351.9

(300) West Line of Missouri

So 2	3 S 8.25	6.9	3 S 1.4
—		6.4	3 S 1.9
4		6.4	3 S 1.9
Ck.		6.1	3 S 2.2
4		S.7	3 S 2.7
—		S.3	3 S 3.0
Mo 2		S.2	3 S 3.1

West Cent Line

Mo 2		S.S	3 S 2.8
—		S.6	3 S 2.7
4		S.8	3 S 2.5
Ck.		6.0	3 S 2.3
4		6.2	3 S 2.1
—		6.3	3 S 2.0
So 2		6.8	3 S 1.5

West 1/4

So 2		6.6	3 S 1.7
—		6.3	3 S 2.0
4		6.1	3 S 2.2
Ck.		S.8	3 S 2.4
4		S.7	3 S 2.6
—		S.9	3 S 2.4
Mo 2		S.7	3 S 2.6

Center Line of Missouri

Mo 2		S.2	3 S 3.1
—		S.4	3 S 2.9
4		S.6	3 S 2.7
Ck.		S.8	3 S 2.5
4		6.2	3 S 2.1
—		6.4	3 S 1.9
So 2		6.8	3 S 1.5

East 1/4

So L	3 V 8,2 V	6,9	3 V 1,4
—		6,3	3 V 2,0
4		6,0	3 V 2,3
Ct.		6,0	3 V 2,0
4		V,8	3 V 2,V
—		V,7	3 V 2,6
No L		V,V	3 V 2,8

East Curb Line of Mo.

No L.		V,4	3 V 2,9
—		V,7	3 V 2,6
4		V,9	3 V 2,4
Ct.		6,1	3 V 2,2
4		6,2	3 V 2,1
—		6,V	3 V 2,8
So L		6,8	3 V 1,5

68' East of West Line of No. (West Line of Nash

No L		6,9	3 V 1,4
—		6,3	3 V 2,0
1/4		6,0	3 V 2,3
Ct		6,0	3 V 2,3
1/4		V,8	3 V 2,V
—		V,7	3 V 2,6
So L		V,V	3 V 2,8

West ~~East~~ Curb of Nash.

So		6,8	3 V 1,V
—		6,7	3 V 1,6
1/4		6,6	3 V 1,7
Ct.		6,6	3 V 1,7
1/4		V,9	3 V 2,4
—		V,8	3 V 2,V
No L		V,4	3 V 2,9

East Line of Missouri

So L		358.25	6,8		351.5
—			6,7		351.6
1/4			6,6		351.7
Ct			6,6		351.7
1/4			5,9		352.4
—			5,8		352.5
No L			5,4		352.9
	2.47	355.56	5.16	353.09	

West 1/4 of Nash.

No L.			3,0		352.6
—			3,1		352,5
4			3,6		352.0
Ct.			3,9		351.7
4			4,1		351.5
—			4,1		351.5
So L			4,3		351.3

Center Line of Nash

So L		355.56	4,4		351.2
—			4,2		351.5
4			4,0		351.6
Ct.			3,9		351.7
4			3,6		352.0
—			3,3		352.3
No L			3,0		352.6

East 1/4 of Nash

No L			3,5		352.1
—			3,3		352.3
4			3,6		352.0
Ct.			4,0		351.6
4			3,9		351.7
—			4,0		351.6
So L			4,3		351.3

East Curb of Nash

So L	355.56	4,1	351,5
—		4,0	351.6
∠		3,9	351,7
Ct		3,8	351,8
∠		4,0	351,6
—		3,7	351.9
No L		3,4	352,2

East Line of Nash (53. East of Mo.

No L.		3,6	352.0
—		3,4	352,2
1/4		3,9	351,7
Ct		3,8	351,8
1/4		3,6	352.0
—		3,6	352.0
So L.		4.2	351.4

100' East of Missouri

So L		4,5	351,1
—		4,6	351.0
∠		4,4	351,2
Ct		4,5	351.1
∠		4,4	351,2
—		4,2	351.4
No L		4,3	351.3

125' East of Mo

No L,		5,2	351,4
—		5,0	351,6
∠		5,0	351,6
Ct		4,7	350.9
∠		4,6	351.0
—		4,9	350.7
So L		4,8	350.8

140' East of (alley)			
Do L	355.5	5,1	350,5
—		4,9	350.7
4		4,5	351.1
Ct		4,9	350.7
4		5,5	350.1
—		5,6	350.0
M°L		5,8	349.8
160' East of (alley)			
M°L		6,6	349.0
—		6,4	349.2
4		6,2	349.4
Ct		5,8	349,8
4		5,4	350.2
—		5,5	350,1
Do L		5,5	350.1

175' East of Mo.			
Do L		6,1	349.5
—		6,3	349.3
4		6,4	349.2
Ct		6,6	349.0
4		6,8	348,8
—		6,9	348.7
M°L		7,3	348.3
200' East of Mo.			
M°L		8,2	347.4
—		8,1	347.5
4		7,8	347,8
Ct		7,7	347.9
4		7,4	348.2
—		7.2	348.4
Do L		7.3	348.3

275' East of Mo.				
Do L		345.56	8,0	347.6
—			8,1	347.5
4			8,1	347.5
Ct.			8,1	347.5
4			8,3	347.3
—			9,4	346.2
M°L.			10,2	345.4
250' East of				
M°L.			12,0	343.6
—			11,6	344.0
4			11,1	344.5
Ct.			10,5	345.1
4			10,1	345.5
—			9,5	346.1
Do L			9,2	346.4
	2,56	345.82	12,30	343.26

275' East of Mo.			
Do L.	345,82	0,5	345.3
—		1,4	344.4
4		2,3	343.5
Ct		2,3	343.5
4		2,6	343.2
—		3,6	342.2
M°L		4,0	341.8
(300) West Line of Wisconsin			
M°L.		6,3	339.5
—		5,5	340.3
4		4,9	340.8
Ct.		3,8	342.0
4		3,5	342.3
—		3,1	342.7
Do L		2,1	343.7

West Curb of Wisconsin.

Do L	345.82	3.6	342.2
—		4.2	341.6
4		4.4	341.4
Ct.		5.2	340.6
4		6.4	339.4
—		7.7	338.1
No L		8.2	337.6

West 1/4

No L.		6.9	339.9
—		8.5	337.1
4		7.8	338.0
Ct.		7.5	338.3
4		6.5	339.3
—		5.4	340.4
Do L		4.8	341.0

Center of Wis.

Do L.		5.6	340.2
—		6.4	339.4
4		7.7	338.1
Ct.		8.4	337.4
4		9.0	336.8
—		9.4	336.4
No L		10.0	335.8

East 1/4

No L		11.7	334.1
—		10.9	334.9
4		10.2	335.6
Ct.		9.2	336.6
4		8.8	337.0
—		7.5	338.3
Do L		7.1	338.7

East Cent of Wis

So L	345.82	8,4	337.4
—		9,5	336.3
4		9,8	336.0
Ct.		10,8	335.0
4		11,2	334.6
—		12,3	333.5
No L		13,0	332,8

East Line of Wisconsin

No L.		15,5	330,3
—		14,5	331,3
4		13,1	332,7
Ct		11,8	334.0
4		11,3	334,5
—		10,7	335,1
So L.		9,6	336,2
	0,20	333.34	12,78	333.04

2 5' East of Wisconsin

So L.	33334	0,6	332.7
—		2,2	331,1
4		3,3	330,0
Ct.		4,8	328,5
4		5,8	327,5
—		7,1	326,2
No L.		9,4	323,9

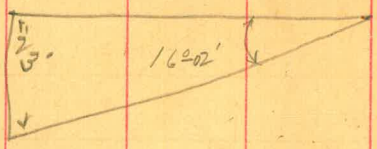
35' East of

No L.		11,7	321.6
—		10,8	322.5
4		9,0	324,3
Ct.		7,0	326,3
4		5,8	327.5
—		4,0	329,3
So L		3.1	330,6

University Ave.

50' East of			
So L	33334	6,4	326.9
—		7,8	325,5
4		9,9	323,4
Ct.		12,0	321,3
4		12,6	320,7
—		9,1	324,2
N°L		6,0	327,3
75' East of			
N°L		1,9	331 4
—		3,3	330,0
1/4		4,3	329,0
Ct.		5,8	327,5
4		6,8	326.
—		10,4	322,9
So L		13,6	319,7

100' East of Wis.			
So L	33334	8,5	324,8
—		6,6	326,7
4		4,7	328,6
Ct.		3,7	329 6
4		2,6	330 7
—		2,1	331,2
N°L.		1,2	332,1
4,52	33673	1,13	33221
117,4 East of Wiscon			
So L.		9,6	325 1
—		8,0	328,7
4		6,9	329,8
Ct.		6,7	330,5
4		5,6	331,1
—		4,7	332,0
N°L		4,2	332,5



117.4 East of Wis. on angle Line

N° L	336.73	4.2	332.5
—		4.3	332.4
4		5.2	331.5
Ct.		5.6	331.1
4		6.1	330.6
—		6.8	329.9
So L.		7.5	329.2

West
East Cust of a 60' St.

So L.	6.9	329.8
—	6.5	330.2
4	5.9	330.8
Ct	5.4	331.3
4	4.8	331.9
—	4.4	332.3
N° L.	4.0	332.7

West 1/4 of 60' St.

N° L	3.8	332.9
—	4.1	332.6
4	4.6	332.1
Ct.	5.0	331.7
4	5.4	331.3
Ct.	5.9	330.8
So L.	6.4	330.3

Quit 6/9/05. Hutchison, Evans, Sawyer.

Center of 60' St.

Ad L	336,73	5,6	331,1
—		5,5	331,2
4		5,0	331,7
Ct.		4,7	332,0
4		4,2	332,5
—		3,9	332,8
N°L		3,5	333,2

East ½

N°L.		3,3	333,4
—		3,5	333,2
4		3,9	332,8
Ct.		4,3	332,4
4		4,6	332,1
—		5,2	331,5
Ad L		6,5	330,2

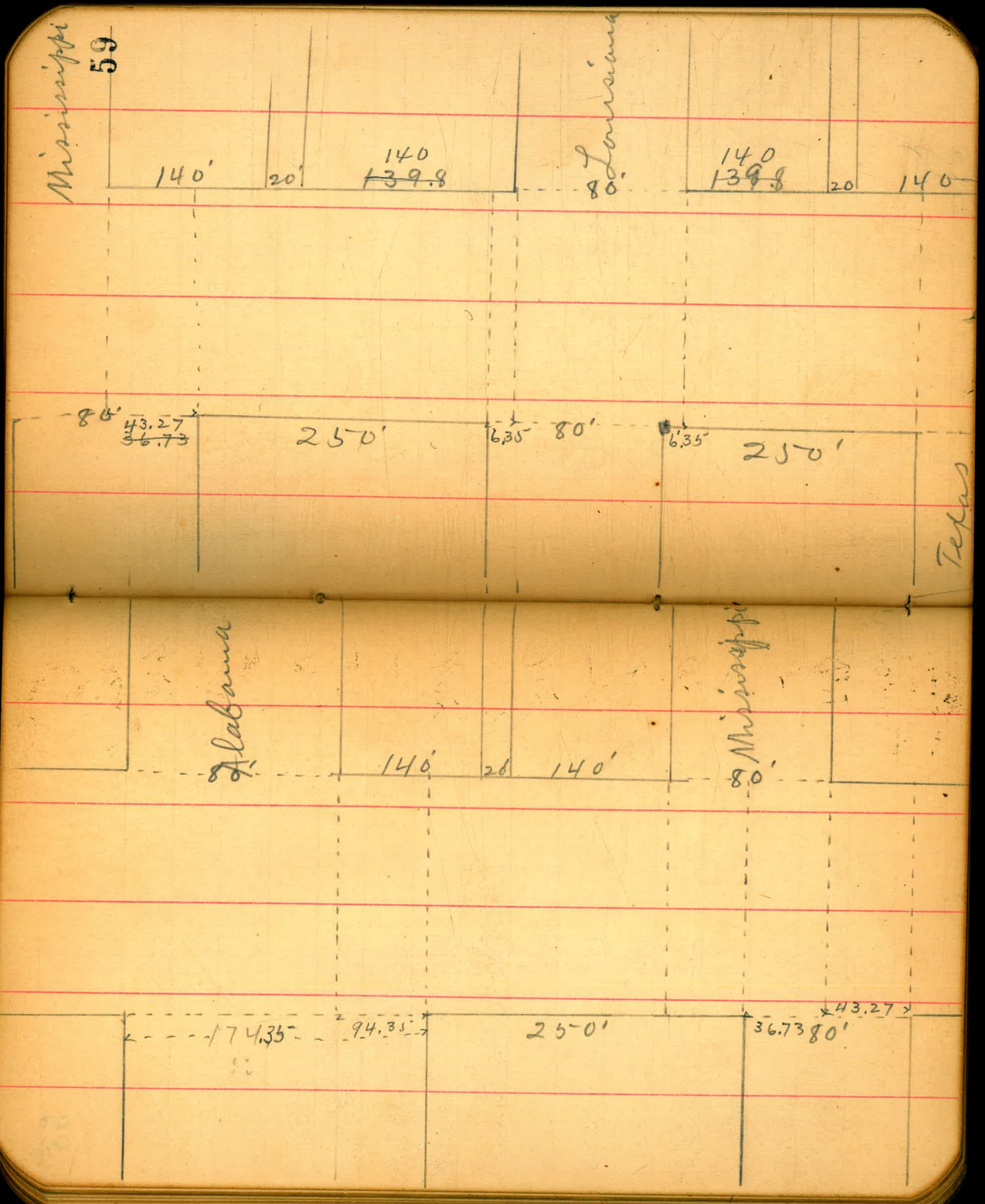
East Curb

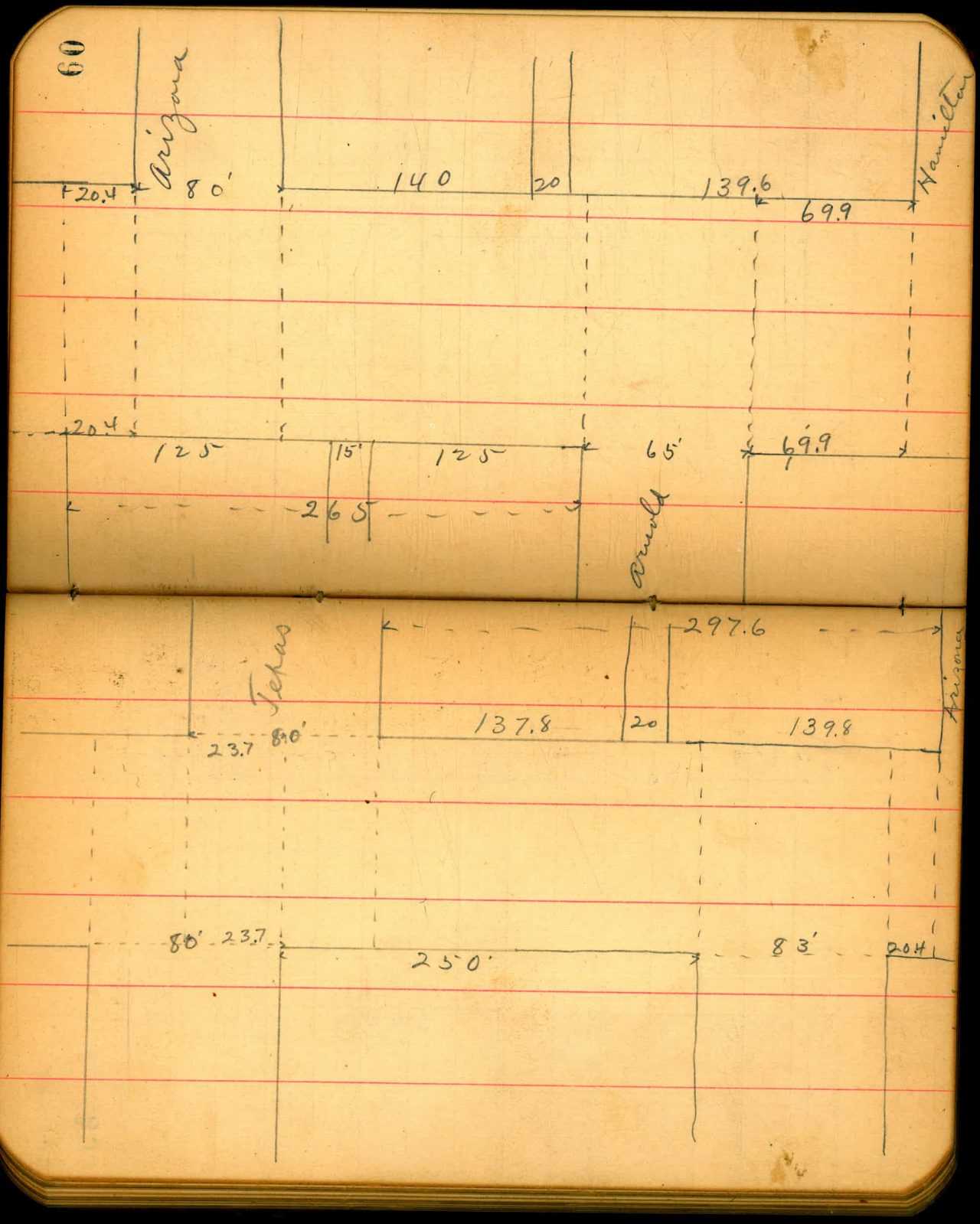
Ad L		5,6	331,1
—		5,0	331,7
4		4,5	332,2
Ct.		4,3	332,4
4		4,0	332,7
—		3,5	333,2
N°L.		3,3	333,4

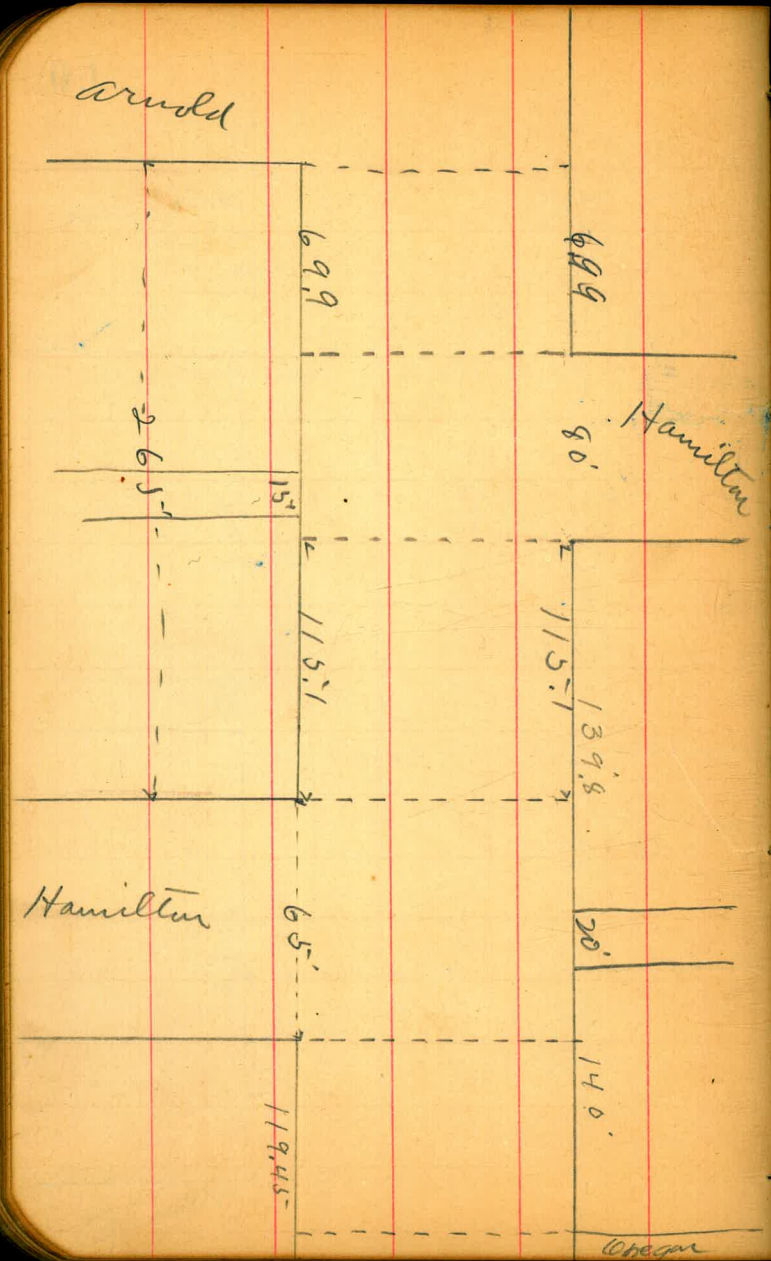
East Line of 60' St. (City Limits)

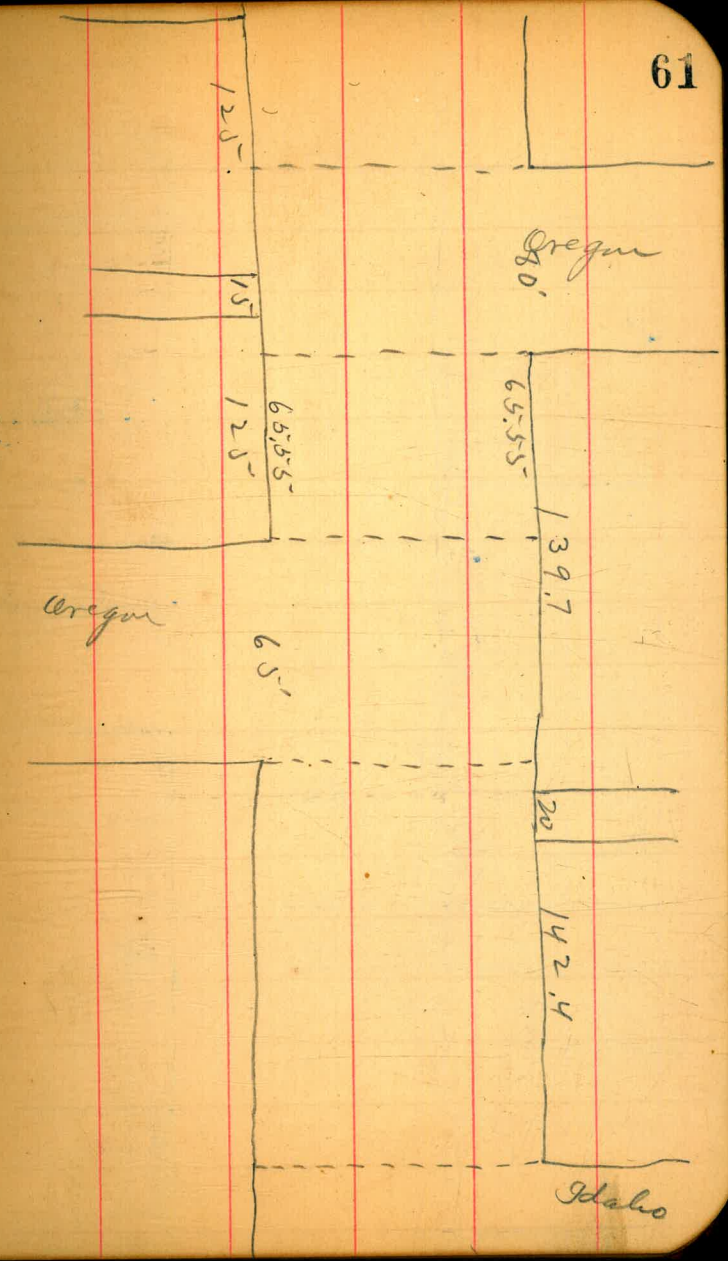
N°L		3,0	333,7
—		3,4	333,3
4		3,6	333,1
Ct		4,2	332,5
4		4,6	332,1
—		4,9	331,8
Ad L		5,3	331,4
B.M.		5,11	331,62

Nail at S.E. Cor. of Univ Ave & City limits

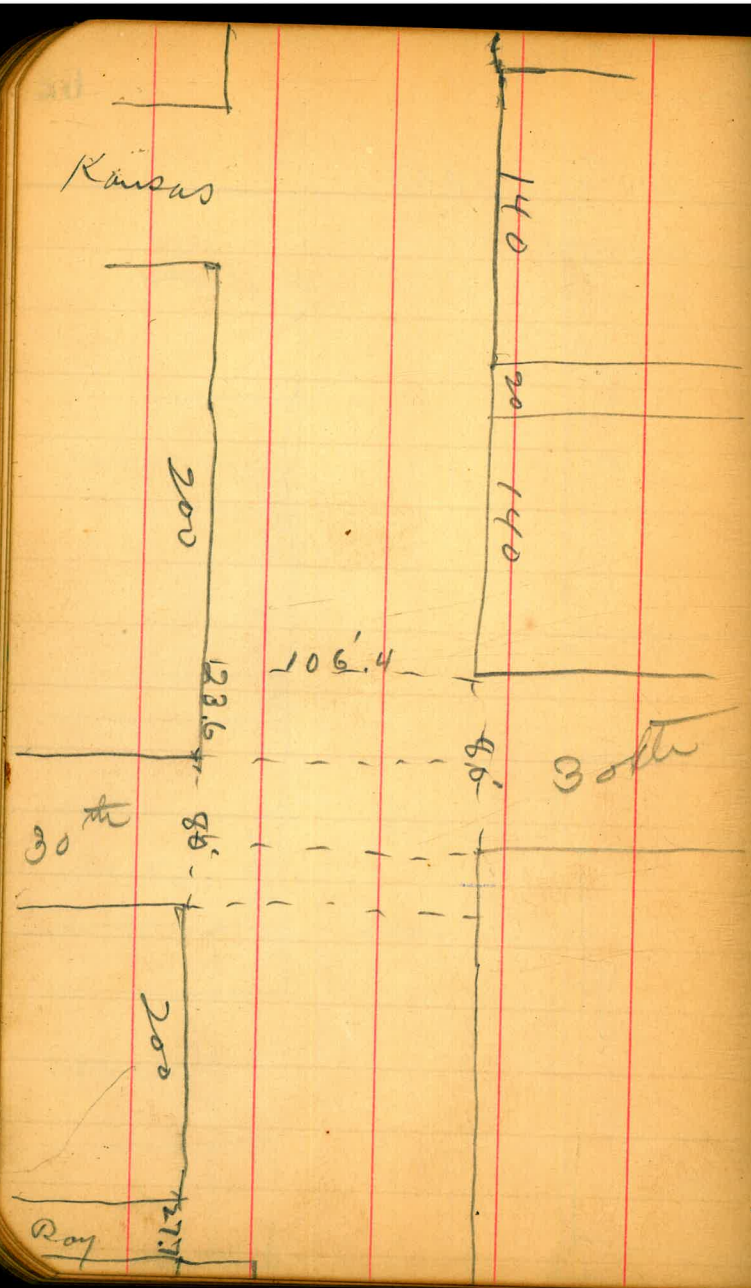

Mississippi
140'
20'
140
139.8
Louisiana
80'
140
139.8
20
140
80'
43.27
36.73
250'
6.35
80'
6.35
250'
Texas
Alabama
80'
140'
20
140'
Mississippi
80'
174.35
94.35
250'
36.73
43.27
80'


Arizona
Hamilton
20.4
80'
140
20
139.6
69.9
20.4
125
15'
125
65'
69.9
265
Arnold
297.6
Texas
Arizona
23.7
80'
137.8
20
139.8
80'
23.7
250'
83'
20.4


Arnold
69.9
69.9
26.5
15
80'
Hamilton
115.1
115.1
139.8
Hamilton
65'
20'
140'
119.45
Oregon


125
15
125
65.55
Oregon
80'
65.55
139.7
Oregon
65'
20
142.4
Idaho

Idaho
Idaho.
Utah
Utah
Utah
Sherman
Kansas
Kansas
125
15
125'
131
30'
80'
100'
200.1
20
142.4
80
131
139.8
20
101.8
139.9
80
200.2
140
20
139.9
200


Kansas
140
20
140
200
106'.4
23.6
8.6'
30th
30th
8.6'
200
Roy
27.7

MONROE AVE

COVERT
BROOKES
MOORE

ARIZONA — BOUNDARY
12/13/05

	7.40	347.37		339.97
	12.94	359.06	1.25	346.12
	13.12	370.77	1.41	357.65
	E. L.	ARIZONA.		
10 E				
30 E				
50 E				
55 E				
60 E				
75 E				
90 E				
100 E				
120 E				
140 E				
150 E				
	11.67	381.69	0.75	370.02
140 E				

	N. L.		S. L	
S.E. EL CAJON & ARIZONA SPIKE IN POLE				
N.E. JACKSON & ARIZONA ON HUB				
S.E. MONROE & ARIZONA ON HUB				
	11.4	359.4	13.1	357.7
			8.8	362.0
	8.6	362.2		
	6.1	364.7	7.2	363.6
	5.8	365.0		
			5.8	365.0
			6.2	364.6
	0.7	370.1		
	1.3	369.5	1.4	369.4
	1.8	369.0	2.4	368.4
			1.9	368.9
			0.8	370.0
	9.5	371.9		

MONROE AVE.

381.69

			N. L.		S. L	
150 E			10.4	371.3		
160 E			10.4	371.3	10.6	371.1
175 E			/		11.0	370.7
185 E			8.1	373.6		
200 E			9.2	372.5	9.5	372.2
210 E			8.0	373.7	8.6	373.1
225 E			8.7	373.0		
240 E			7.4	374.3	9.4	372.3
250 E			8.0	373.7	7.7	374.0
275 E			6.4	375.3	8.7	373.0
290 E					8.6	373.1
300 E	= W. L.	CALIF	7.3	374.4	7.2	374.5
+15			5.7	376.0	7.9	373.8
+35					6.1	375.6
+40	C. L.	CALIF	6.4	375.3	6.4	375.3
+55					7.1	374.6
+70					4.9	376.8
	E. L.	CALIF	5.6	376.1	5.1	376.6

MONROE AVE

381.69

		5.55	376.14	376.15 376.14 .01
15 E				
25 E				
40 E				
50 E	✓			
65 E				
70 E				
85 E				
100 E				
115 E				
130 E				
140 E				
150 E				
165 E				
180 E				
200 E				
220 E				
230 E				

N. L		S. L	
N. E. CALIF. & MONROE.			
		6.6	375.1
6.0	375.7		
		4.8	376.9
5.0	376.7	6.0	375.7
		5.9	375.8
5.8	375.9		
		4.3	377.4
4.3	377.4	5.9	375.8
5.4	376.3		
3.9	377.8		
		4.6	377.1
4.8	376.9	3.3	378.4
4.9	376.8	5.3	376.4
3.3	378.4		
4.7	377.0	5.1	376.6
4.6	377.1		
		4.9	376.8

MONROE AVE

381.69

240 E				
250 E				
255 E				
260 E				
280 E				
290 E				
300 E	= W. L. OREGON			
+10				
+40	C. L. OREGON			
+60				
+61				
+70				
80	E. L. OREGON			
	2.76	382.45	2.00	379.69
10. E				
30 E				
50 E				
70 E				

N. L.		S. L.	
2.3	379.4		
3.5	378.2	4.0	377.7
4.4	377.3		
		5.0	376.7
		4.7	377.0
		2.9	378.8
4.1	377.6	3.7	378.0
		4.6	376.1
2.6	379.1	3.6	378.1
4.1	377.6		
2.0	379.7		
1.1	380.6	4.4	377.3
2.0	379.7	3.6	378.1
N.E. OREGON & MONROE ON HUB			
4.4	378.1	4.4	378.1
3.0	379.5	2.7	379.8
4.0	378.5	4.3	378.2
4.0	378.5		

	MONROE AVE						N.L.		S.L		
		382.45									
85 E							1.8	380.7			
100 E							3.5	379.0	4.5		378.0
120 E							1.9	380.6			
150 E							3.8	378.7	4.2		378.3
155 E									4.1		378.4
170 E							2.0	380.5			
175 E									2.5		380.0
185 E									3.9		378.6
190 E							3.6	378.9			
200 E							2.7	379.8	3.8		378.7
210 E							1.9	380.6			
220 E									4.1		378.4
240 E									2.4		380.1
250 E							3.3	379.2	3.3		379.2
260 E									4.6		377.9
					377.20						
			5.21	377.24	377.24	N.W.					
					.04						
300	W.L. IDAHO						5.2	377.3	4.5		378.0
310									4.9		377.6

MONROE AVE

382.45

			N. L.		S. L	
+20			5.6	376.9	3.7	378.8
+21			6.3	376.2	5.9	376.6
+40	C.L.	IDAHO	5.3	377.2	5.5	377.0
+65			7.6	374.9	7.5	375.0
+75	F		7.8	374.7		
	E.L.	IDAHO	6.9	375.6	8.0	374.5
20 E			8.3	374.2		
15 E					6.6	375.9
40 E			7.5	375.0	9.6	372.9
50 E			8.5	374.0	9.3	373.2
65 E			11.0	371.5	8.6	373.9
75 E			10.3	372.2		
80 E.					12.0	370.5
100 E.			12.0	370.5	13.6	368.9
110 E			11.0	371.5		
130 E			12.8	369.7		
150 E			12.3	370.2	13.1	369.4
160 E					12.0	370.5

MONROE AVE.

382.45

175 E				
185 E				
200 E				
210 E				
225 E				
250 E				
260 E				
275 E				
290 E				
300 E.	W. L. UTAH			
	5.78	376.56	11.67	370.78
+30				
+40	= C. L. UTAH			
+55				
+60				
	E. L. UTAH			
10-E				
25 E				

N. L.		S. L.	
		13.8	368.7
12.9	369.6		
11.1	371.4	13.8	368.7
10.5	372.0	13.2	369.3
12.9	369.6	13.9	368.6
12.4	370.1	13.5	369.0
11.0	371.5		
12.0	370.5		
10.7	371.8		
11.7	370.8	12.6	369.9
N. W.	UTAH & MONROE ON HUB		
		6.9	369.7
5.6	371.0	5.9	370.7
		7.0	369.6
5.5	371.1		
4.7	371.9	6.9	369.7
5.6	371.0	-	
		3.9	372.7

MONROE AVE

376.56

50 E			
70 E			
100 E			
110 E			
125 E			
130 E			
145 E			
150 E			
160 E			
200 E			
235 E			
250 E			
260 E			
270 E			
285 E			
	4.84	371.72	
300 E = W.L. KANSAS			
710			

N.L.		S.L.	
5.3	371.3	6.3	370.3
4.0	372.6		
5.2	371.3	6.1	370.5
		6.5	370.1
		5.6	371.0
5.2	371.4		
		7.0	369.6
4.0	372.6	6.7	369.9
5.3	371.3		
6.0	370.6	7.3	369.3
		6.9	369.7
6.1	370.5	6.2	370.4
		7.2	369.4
5.7	370.9		
4.5	372.1		
N.W. KANSAS & MONROE			
4.9	371.7	6.4	370.2
3.8	372.8	5.6	371.0

MONROE AVE

376.56

					N.L.		S.L.	
+25							6.1	370.5
+35							5.1	371.5
+40 =	C.L. KANSAS				4.5	372.1	5.5	371.1
+70					4.2	372.4		
	E.L. KANSAS				3.1	373.5	5.2	371.4
05 E					2.2	374.4		
30 E					3.8	372.8	4.6	372.0
50 E					2.1	374.5	3.4	373.2
60 E					3.1	373.5	4.3	372.3
70 E					1.7	374.9		
80 E					2.3	374.3	3.0	373.6
100 E					1.2	375.4	3.8	372.8
115 E					2.5	374.1		
135 E					0.1	376.5		
150 E					1.4	375.2	2.8	373.8
155 E							2.8	373.8
165 E					1.5	375.3		
175 E	12.92	388.33	1.15	375.41				

MONROE AVE.

388.33

175 E				N.L.		S.L.	
180 E						11.8	376.5
190 E.				11.6	376.7		
200 E						13.1	375.2
220 E				13.2	375.1	11.8	376.5
230 E						13.5	374.8
250 E				10.5	377.8		
265 E				11.6	376.7	12.3	376.0
280 E						12.7	375.6
		10.54	377.79	9.7	378.6		
300 E	= W.L. 30TH			N.W. 30TH & MONROE			
+ 05				10.5	377.8	9.8	378.5
+15						9.6	378.7
+20				9.2	379.1		
+40	= C.L. 30TH					11.4	376.9
+60				10.3	378.0	11.1	377.2
+70						9.5	378.8
	E.L. 30TH			9.8	378.5		
				7.7	380.6	10.9	377.4

MONROE AVE

388.33

	N.L.		S.L.	
20 E	9.5	378.8	8.5	379.8
35 E			10.0	378.3
50 E	8.0	380.3	9.3	379.0
65 E	8.0	380.3		
75 E	5.8	382.5		
90 E			8.6	379.7
100 E	6.9	381.4	6.5	381.8
105 E			5.9	382.4
115 E	4.6	383.7		
125 E			7.9	380.4
140 E	6.7	381.6		
150 E	5.7	382.6	7.5	380.8
165 E			6.5	381.8
180 E	6.1	382.2	7.2	381.1
190 E	4.3	384.0		
200 E	4.9	383.4	6.0	382.3
210 E			5.5	382.8
220 E			6.4	381.9

MONROE AVE.
388.33

240 E			
245E			
250E			
260E			
275 E			
290 E			
		4.23	384.10
300 E	= W.L. OHIO		
+05			
+15			
+25			
+30			
+35			
+40	C.L. OHIO		
+55			
+70			
	E.L. OHIO		
15-E			

N.L.		S.L.	
5.2	383.1		
		6.0	382.3
3.9	384.4	4.9	383.4
4.6	383.7	4.2	384.1
		5.3	383.0
		3.5	384.8
N.W. OHIO & MONROE			
4.2	384.1	4.5	383.8
		5.4	382.9
2.6	385.7		
		5.1	383.2
4.2	384.1		
		4.0	384.3
3.9	384.4	4.0	384.3
2.4	385.9	4.7	383.6
		3.0	385.3
3.1	385.2	3.1	385.2
		3.9	384.4

MONROE AVE

388.33

30 E				
35 E				
50 E				
65 E				
100 E				
125 E				
150 E				
170 E				
180 E				
190 E				
200 E				
215 E				
220 E				
235 E				
250 E				
265 E				
	6.30	391.99	2.64	385.67

300 = W.L. ILLINOIS

N.L.		S.L.	
		2.2	386.1
3.2	385.1		
1.5	386.8	3.7	384.6
3.0	385.3		
2.8	385.5	3.7	384.6
		2.5	385.8
2.6	385.7	3.3	385.0
2.9	385.4		
1.7	386.6		
		3.0	385.3
2.3	386.0	2.1	386.2
1.1	387.2		
		3.2	385.1
2.5	385.8		
1.4	386.9	3.2	385.1
2.9	385.4		
N.W. ILLINOIS & MONROE			
6.3	385.7	6.9	385.1

MONROE AVE

391.99

+25		
+30		
+40	C.L	ILLINOIS
+60		
+65		
	E. L	ILLINOIS
35-E		
50-E		
70 E		
85 E.		
100 E		
120 E		
150 E		
147.3	= W.L. BOUNDARY	
171.6	W.L. BOUNDARY	

N. L.		S. L	
6.4	385.6		
		6.7	385.3
5.0	387.0	5.0	387.0
6.3	385.7		
		6.7	385.3
6.2	385.8	6.6	385.4
6.3	385.7		
4.0	388.0	6.5	385.5
		5.0	387.0
6.1	385.9	6.5	385.5
3.9	388.1	6.6	385.4
6.5	385.5		
		6.5	385.5
6.4	385.6		
		6.5	385.5

339.97 - S.E. ARIZONA & ELCAION SPIKE IN POLE

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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.		

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