Campus Ave.
MADISON AVE.

196

400 :

LEVEL

F.B. 196

196

Table showing the di[illegible] 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
1964

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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

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

~~200~~

20

7.5) 20 (2.66
150
500
450
50

Georgia St. 7/20/05 Hutchison Evans Sawyer

1

	No Line of Adams				
Bm.	7.65	359.43		351.78	Hub S.W. Cor. Madison + Georgia
W.L.			5.5	353.9	
—			5.8	353.6	
1/4			5.9	353.5	
Ct.			6.1	353.3	
1/4			5.4	354.0	
—			6.2	353.2	
East Line			5.9	353.5	
	No Curb of Adams				
E.L.			6.1	353.3	
—			6.7	352.7	
4			6.8	352.6	
Ct.			6.3	352.1	
4			6.0	353.4	
—			5.6	353.8	
W Line			5.8	353.6	

No ¼ Line of Adams

W.L.	5.6	353.8
—	3.9	355.5
4	4.3	355.1
Ct.	5.5	353.9
4	6.5	357.9
—	6.6	357.8
E.L.	6.8	357.6

Center Line of Adams

East Ln	6.6	357.8
—	6.5	357.9
4	6.4	353.0
Ct.	4.6	354.8
4	4.1	355.3
—	4.5	354.9
W.L.	5.8	353.6

So ¼ Line of Adams

W.L.	5.1	354.3
—	5.6	353.8
4	5.4	354.0
Ct.	5.8	353.6
4	6.6	357.8
—	6.0	353.4
E.L.	5.4	354.0

So Curb Line

E.L.	5.7	353.7
—	6.5	357.9
4	6.6	357.8
Ct.	6.5	357.9
4	5.9	352.5
—	4.7	355.7
W.L.	5.0	354.4

(466.1' N° of Madison)		So Line of Adams	
W.L.	3V943	5,7	3V3.7
—		5,6	3V3,8
4		6,0	3V3.4
Ct,		5,7	3V3,7
4		6,3	3V3.1
—		5,9	3V3.V
East Line		6,3	3V3.1
450' N° of Madison			
East L,		V,V	3V3,9
—		5,2	3V4,2
4		V,6	3V3.8
Ct,		5.7	3V3,7
4		5,9	3V3.V
—		V,9	3V3.V
W.L.		V.3	3V5.1

425' N° of Madison		
W.L,	V,9	3V3.V
—	6,0	3V3.4
4	6,3	3V3.1
Ct,	6,3	3V3.1
4	6,6	3V2,8
—	6,6	3V2,8
East L,	6,V	3V2,9
400' N° of Madison		
East L,	V,9	3V3.V
—	6,V	3V2,9
4	6,V	3V2,9
Ct,	V,3	3V4.1
4	V,2	3V4,2
—	4,7	3,V4.7
W.L,	4,6	3V4,8

375' No of Madison

W.L.	359.43	6,1	35-3,3
—		6,1	35-3,3
⊲		6,5	35-2.9
℄		6,4	35-3,0
⊲		6,3	35-3,1
—		6,6	35-2,8
East L.		6,4	35-2 0

350' No of Madison

E.L.		5,6	35-3,8
—		63	35-3,1
⊲		5,8	35-3.6
℄		4,8	35-4,6
1/4		4,6	35-4,8
—		6,1	35-3,3
W.L.		5,1	35-4-3

325' No of Madison

W.L.		5,7	35-3.7
—		6,2	35-3,2
⊲		6,3	35-3,1
℄		6,2	35-3,2
1/4		6,4	35-3,0
—		6,2	35-3,2
7' West of East Ln		5,6	35-3,8
East L.		6,1	35-3,3

300' No of Madison

East L		6,7	35-2,7
—		6,5	35-2,9
⊲		6,3	35-2,1
℄		6,0	35-3,0
⊲		6,2	35-3,2
—		6,1	35-3,3
W.L.		6,0	35-3,4

275' N° of Madison			
West L.	35943	4,2	35-5,2
—		5-,2	35-4,2
3' West of 1/4 Line		6,1	35-3,3
1/4		6,1	35-3,3
3' West of Ct.		6,1	35-3,3
Ct.		5-,7	35-3,7
1/4		5-,0	35-4,4
—		5-,8	35-3,6
East Line		6.9	35-x,5
265' N° of Madison			
East L.		6,0	35-x,4
—		6 3	35-3,1
1/4		5-,4	35-4,0
Ct.		6,0	35-3,4
1/4		6 3	35-3,1
—		4 6	35-4,8
West Line		2,9	35-5-,7

250' N° of Madison			
West L.		4,6	35-4,8
—		4,8	35-4,6
4		6,3	35-3,1
Ct.		6,0	35-3,4
4		6,2	35-3,2
—		6,2	35-3,2
East L.		5,1	35-4,3
240' N° of Madison			
East L.		5-,8	35-3,6
—		5,7	35-3,7
4		5,5-	35-3,9
Ct.		5,2	35-4,2
4		6,2	35-3,2
—		5,6	35-3,8
M. L.		5,4	35-4,0

225' N. of Madison

West L.	35-9.43	4,6	35-4.8
—		6,2	35-3,2
⊄		6,3	35-3,1
Ct.		5,9	35-3,5
⊄		6,0	35-3,4
—		6,4	35-3,0
East L.		6,2	35-3,2

200' N. of Madison

East L.		5,6	35-3,8
—		4,8	35-4,6
⊄		5,6	35-3,8
Ct.		6,3	35-3,1
⊄		6,4	35-3,0
—		5,5	35-3,9
M.L.		5,1	35-4.3

185' N. of Madison

M.L.		5,2	35-4,2
—		4,1	35-4,3
⊄		4,5	35-4,9
Ct.		6,4	35-3,0
⊄		6,3	35-3,1
—		5,7	35-3,7
East L		5,3	35-4,1

175' N. of Madison

East L.		5,9	35-3,5
—		6,3	35-3,1
⊄		6,4	35-3,0
Ct.		6,3	35-3,1
6' West of Ct.		6,4	35-3,0
1/4		5,1	35-4,3
5' East of Curb		4,5	35-4,9
Curb.		4,6	35-4,8
West Line		5,9	35-3,5

150' N° of Madison			
West Line	359.43	6,1	353,3
—		6,1	353,3
4		4,8	354,6
Ct.		4,6	354,8
4		6,6	353,8
—		6,3	353,1
East L.		4,9	354,5
125' N° of Madison			
East L.		6,0	353,4
—		6,0	353,4
4		6,1	353,3
Ct.		6,2	353,2
4		6,4	353,0
—		6,2	353,2
W. Line		5,5	353,9

100' N° of Madison			
West Line		6,0	353,4
—		6,4	353,0
4		5,9	353,5
Ct.		5,6	353,8
4		5,2	354,2
—		6,5	352,9
East Line		6,7	352,7
75' N° of			
East Line		7,2	352,2
—		6,5	352,9
4		6,1	353,3
Ct.		6,5	352,9
4		6,6	352,8
—		6,4	352,0
W. L.		5,5	353,9

50' N° of Madison

W L.	359,43	6,2	353,2
—		6,2	353,2
4		6,6	352,8
Ct		6,9	352,5
4		6,9	352,9
—		6,4	353,0
East L		7,0	352,4

25' N° of Madison

East L.		7,3	352,1
—		7,2	352,2
4		7,1	352,3
Ct,		6,0	353,4
4		5,1	354,3
—		6,0	353,4
W L.		6,2	353,2

N° Line of Madison

West Line		7,0	352,4
—		6,9	352,5
4		6,5	352,9
Ct.		7,0	352,4
4		7,6	351 8
—		6,9	352,5
East L.		6,5	352,9

N° Curb Line of Madison

East L,		7,0	352,4
—		7,5	351,9
4		7,7	351,7
Ct.		7,5	351,9
4		7,1	352,3
—		7,3	352,1
W L.		7,0	352,4

No 1/4 Line of Madison

West Line	359.43	7.1	352.3
—		7.1	352.3
4		7.5	351.9
Ct.		7.8	351.6
4		7.7	351.7
—		8.0	351.4
East Line		8.4	351.0

Center Line of Madison

East L.		8.0	351.4
—		7.7	351.7
4		7.4	352.0
Ct.		7.1	352.3
4		6.9	352.5
—		6.7	352.7
West Line		6.7	352.7

So 1/4 Line of Madison

West Line	359.43	7.4	352.0
—		7.4	352.0
4		7.4	352.0
Ct.		7.5	351.9
4		7.9	351.5
—		8.1	351.3
East Line		8.6	350.8

So Cent. Line of Madison

East Line		7.5	351.9
—		7.8	351.6
6' East of 1/4		8.7	351.2
1/4		7.4	352.0
8' East of Ct.		6.8	352.6
Ct.		6.6	352.8
1/4		7.3	352.1
Curve		8.1	351.3
West Line		7.9	351.5

Georgia St Quit 7/20/15

Co Line of Madison

West Line	359.43	7.7	351.7
—		7.9	351.5
4		8.1	351.3
Ct.		8.4	351.0
4		8.3	351.1
—		8.2	351.2
East Line		7.4	352.0
B.M. 5.14	356.92	7.65	351.78

25' East of Madison

West L.		5.3	351.6
—		4.4	352.5
1/4		4.6	352.3
Ct.		5.5	351.4
1/4		5.1	351.8
—		5.6	351.3
East Line		6.4	350.5

7/21/15 Hutchison Evans Sawyer

35' East of Madison

East L	356.92	6.2	350.7
—		5.1	351.8
4		5.6	351.3
Ct		5.1	351.8
1/4		4.2	352.7
—		4.5	352.4
West L,		5.3	351.6

50' East of

West L.		5.6	351.3
—		5.9	351.0
4		5.4	351.5
Ct.		6.0	350.9
4		6.2	350.7
—		6.1	350.8
East L.		6.7	350.2

75' East of Madison

East L.	3V692	5,5	351.4
—		4,6	352.3
Δ		5,4	351.5
Ct.		5,5	351.4
Δ		5,5	351.4
—		5,7	351.2
W.L.		5,5	351.4

100' East of Madison

W.L.		5,7	351.2
—		5,6	351.3
Δ		5,8	351.1
Ct.		5,0	351.9
Δ		5,2	351.7
—		6,8	350.1
East L.		6,8	350.1

125' East of Madison

East L.		6,7	350.2
—		6,5	350.4
Δ		6,6	350.3
Ct.		6,6	350.3
Δ		6,4	350.5
—		6,2	350.7
West L.		5,7	351.2

150' East of Madison

W.L.		6,0	350.9
—		5,0	351.9
Δ		5,1	351.8
Ct.		5,2	351.7
Δ		6,5	350.4
—		6,5	350.4
East L.		6,4	350.3

Georgia St.

165' South of Madison

East L.	356.92	7.0	349.9
—		6.4	350.5
4		6.0	350.9
Ct.		4.8	352.1
4		5.0	351.9
—		5.7	351.7
West L.		6.2	350.7

170' South

W L.		5.8	351.1
—		5.5	351.4
4		5.7	351.2
Ct.		5.5	351.4
4		5.9	351.0
—		6.3	350.6
East L.		6.9	350.0

200' South of Madison

East L.		7.4	349.5
—		7.0	349.9
4		6.7	350.2
Ct.		6.6	350.3
4		6.9	350.0
—		6.3	350.6
West L.		5.8	351.1

225' South

W L.		4.3	352.6
—		5.5	351.4
4		6.9	350.0
Ct.		6.7	350.2
4		5.6	351.3
—		5.3	351.6
East L.		7.6	349.3

235' Soof		
E. L.	7,3	349.6
—	6,1	350.8
4	6,7	350.2
Ct.	7,1	349.8
9' West of Ct.	6,8	350.1
1/4	5,8	351.1
—	4,3	352.6
West L	4,4	352.5
250' Soof		
West L.	6,1	350.8
—	5,8	351.1
4	6,9	350.0
Ct.	7,0	349.9
4	7,2	349.7
—	7,3	349.6
East Line	6,3	351.6

275' Soof		
East L.	8,0	348.9
—	7,5	349.4
1/4	5,5	351.4
Ct.	4,5	352.4
1/4	5,6	351.3
—	6,8	350.1
W. L.	6,3	350.6
300' Soof		
W. L.	6,0	350.9
—	6,9	350.0
4	6,7	350.2
Ct	6,7	350.2
4	6,9	350.0
—	7,6	349.3
East Line	6,9	350.0

	325' Soot Madison			
E. L.		356.92	7.3	349.6
—			7.3	349.6
⊄			7.8	349.1
Ct.			6.6	350.3
⊄			6.2	350.7
—			6.0	350.9
West L.			6.4	350.5
	350' Soot Madison			
West L.			6.8	350.1
—			7.1	349.8
℄	10' East of Curb		6.2	350.7
1/4			6.9	350.0
Ct.			6.4	350.5
1/4			7.4	349.5
—			7.8	349.1
East L.			7.8	349.1

	375' Soot Madison			
East L.		356.92	7.7	349.2
—			7.4	349.5
⊄			7.6	349.3
Ct.			6.8	350.1
⊄			7.2	349.7
—			7.2	349.7
West Line			6.8	350.1
			6.62	350.30
	4.20	355.98		351.78
	2.88	353.54	5.32	350.66
	400' Soot			
West L.			3.2	350.3
—			3.9	349.6
⊄			4.0	349.5
Ct.			3.6	349.9
⊄			3.6	349.9
—			3.1	350.4
East Line			2.9	350.6

425' South Madison

East Line	353,54	4,8	348.7
CL,		4,8	348,7
1/4		4,3	349,2
Ct.		4,2	349,3
1/4		3,6	349,9
—		4,0	349,5
West L		4,3	349.2

435' East

West L,		4,2	349,3
—		3,5	350,0
4' West of 1/4 Line		3,1	350,4
1/4		4,3	349,2
Ct,		4,2	349,3
1/4		4,7	348,8
—		4,8	348,7
East L		4,9	348,6

450' South

East L,		4,3	349,2
—		4,7	348,8
1/4		4,7	348,8
Ct,		4,3	349,2
1/4		4,4	349,1
—		4,6	348,9
West L,		4,4	349,1

475' South Madison

West L.		4,3	349,2
7' East of West Line		4,1	349,4
—		5,3	348,2
1/4		5,4	348,1
Ct.		4,7	3488
1/4		5,4	348,1
4' East of 1/4 Line		4,4	349,1
Cb.		5,2	348,3
East Line		5,9	347,6

500' East of Madison

East L.	353.54	6.7	346.8
—		6.7	346.8
4		5.6	347.9
Ct.		5.0	348.5
4		5.5	348.0
—		4.9	348.6
West L.		4.6	348.9

510' East

West L.	4.1	349.4
—	4.1	349.4
1/4	5.6	347.9
Ct.	5.0	348.5
1/4	6.0	347.5
—	6.9	346.6
East Lm	6.9	346.6

525' East

East L.	7.0	346.5
—	6.6	346.9
4	6.2	347.3
Ct.	5.2	348.3
1/4	5.9	347.6
—	5.7	347.8
West L.	5.3	348.2

550' East

West Lm	5.6	347.9
—	5.9	347.6
4	6.2	347.3
Ct.	5.5	348.0
4	5.5	348.0
—	5.7	347.8
East Lm	6.7	346.8

565' Soof Madison

East L.	353,54	6,8	346,7
—		5,6	347,9
2' East of 1/4 Line		5,4	348,1
1/4		6,2	347,3
Ct.		5,6	347,9
1/4		6,1	347,4
3' West of 1/4 Line		4,4	349,1
Ct.		4,1	349,4
W.L.		4,4	349,1

575' Soof

W.L.		4,9	348,6
—		4,0	349,5
2' West of 1/4 Line		4,5	349,0
1/4		6,1	347,4
Ct.		5,7	347,8
1/4		6,3	347,2
—		6,9	346,6
East Line		6,7	346,8

(600' Soof) North Line of Monroe

East Line		5,2	348,3
—		5,5	348,0
4		6,4	347,1
Ct.		5,8	347,7
4		6,1	347,4
—		5,8	347,7
West L.		6,0	347,5

No Curb of Monroe

W.L.		6,2	347,3
—		6,3	347,2
4		6,3	347,2
Ct.		5,9	347,6
4		5,8	347,7
—		5,5	348,0
East L.		5,5	348,0

No 1/4 Line of

E L.	353,54	6,6	346,9
—		6,6	346,9
4		6,5	347,1
Ct.		5,9	347,6
4		6,2	347,3
—		6,2	347,3
W L.		6,2	347,3
B.M.		585	347,69

Hut S.W. cor of Monroe & George

Campus Ave

8/28/05 { Davis / Brooks / Haslam

	5.67	348.53		342.86
	3.93	351.70	0.76	347.77

So. line Jackson

W. Line			4.3	347.4
Cb.			4.3	347.4
1/4			4.2	347.5
C			3.9	347.8
1/4			3.9	347.8
Cb			4.0	347.7
E Line			4.3	347.4

25' So

E Line			4.9	346.8
Cb			4.5	347.2
1/4			4.3	347.4
C			4.2	347.5
1/4			4.7	347.0
Cb			{ 4.7 5.4	347.0 346.3
W. Line			4.8	346.9

Jackson to.

50' So

W. Line			4.9	346.8
Cb			4.9	346.8
1/4			4.8	346.9
C			4.4	347.3
1/4			4.5	347.2
Cb			4.8	346.9
E Line			4.3	347.4

75' So

E Line			4.1	347.6
Cb			5.0	346.7
1/4			4.7	347.0
C			4.6	347.1
1/4			4.6	347.1
Cb			{ 4.8 5.2	346.9 346.5
W Line			4.8	346.9

Campus Ave

(351.70)

100' So Jack.

W Line	5.0	346.7
Cb	4.9	346.8
	5.5	346.2
1/4	5.0	346.7
C	4.6	347.1
1/4	4.8	347.9
Cb	4.5	347.2
	5.3	346.4
E Line	4.4	347.3

125 So

E Line	4.4	346.3
Cb	4.3	347.0
	5.3	346.4
1/4	4.8	346.9
C	4.7	347.0
1/4	5.2	346.5
Cb	5.1	346.6
	5.6	346.1
W. Line	5.1	346.6

150' So

W. Line	5.2	346.5
Cb	5.2	346.5
	5.6	346.1
1/4	5.2	346.5
C	4.8	346.9
1/4	5.2	346.5
Cb	4.9	346.8
	5.5	346.2
E Line	4.8	346.9

175 So

E Line	5.0	346.7
Cb	5.2	346.5
	5.7	346.0
1/4	5.4	346.3
C	5.9	345.8
1/4	5.3	346.4
Cb	5.5	346.2
	5.9	345.8
W Line	5.2	346.5

Campus Ave

351.70

200' S. Jack

W Line	5.4	346.3
Cb	5.4	346.3
5' E of Cb	5.7	346.0
1/4	5.4	346.3
CH	4.9	346.8
1/4	5.4	346.3
Cb	5.3	346.4
E Line	5.1	346.6

225' S.

E Line	5.0	346.7
3' E of Cb	5.4	346.3
Cb	5.8	345.9
1/4	5.1	346.6
CH	4.9	346.8
1/4	5.3	346.4
Cb	5.6 / 5.9	346.1 / 345.8
W. Line	5.6	346.1

250' S.

W. Line	5.1	346.6
Cb	5.6 / 6.0	346.1 / 345.7
1/4	5.3	346.4
C	4.9	346.8
1/4	5.3	346.4
Cb	5.9	345.8
2' E of Cb	5.3	346.4
E Line	5.1	346.6

275' S.

E Line	5.2	346.5
4' E of Cb	5.3	346.4
Cb	6.0	345.7
1/4	5.1	346.6
C	5.0	346.7
1/4	5.3	346.4
Cb	5.8 / 6.2	345.9 / 345.5
W. Line	5.5	346.2

Campus Ave

351.70

300' So Jack

W. Line		5.7	346.0
Cb		5.7	346.0
6' E of Cb		5.8	345.9
1/4		5.4	346.3
C		5.2	346.5
1/4		5.2	346.5
Cb		5.7	346.0
2' E of Cb		5.1	346.6
E Line		5.0	346.7

325' So

E Line		5.4	346.3
2' E of Cb		5.6	346.1
Cb		6.1	345.6
1/4		5.6	346.1
C		5.5	346.2
1/4		5.5	346.2
Cb		5.7 6.2	346.0 345.5
W. Line		5.6	346.1

350' So

W. Line		5.5	346.2
Cb		5.5 6.0	346.2 345.7
1/4		5.4	346.3
C		5.5	346.2
1/4		5.9	345.8
Cb			345.6
2' E of Cb		6.1 5.5	346.2
E Line		5.4	346.3
T.P.	2.97	349.26	5.41	346.29

375' So

E Line		3.0	346.3
3' E of Cb		3.5	345.8
Cb		4.0	345.3
1/4		3.3	346.0
C		3.1	346.2
1/4		3.5	345.8
Cb		4.0	345.3
1' W of Cb		3.6	345.7
W. Line		3.1	346.2

Campus Ave

349.26

400' So Jack

W. Line	3.2	346.1
Cb	3.5	345.8
5' E of Cb	3.8	345.5
1/4	3.6	345.7
C	3.2	346.1
1/4	3.1	346.2
Cb	3.8	345.5
3' E of Cb	2.9	346.4
E Line	2.9	346.4

425' So

E Line	2.9	346.4
4' E of Cb	3.1	346.2
Cb	3.8	345.5
1/4	3.4	345.9
C	3.1	346.2
1/4	3.6	345.7
Cb	4.0	345.3
3' W of Cb	3.4	345.9
W Line	3.1	346.2

450' So

W Line	3.6	345.7
2' W of Cb	3.6	345.7
Cb	4.1	345.2
1/4	3.7	345.16
C	3.2	346.1
1/4	3.6	345.7
Cb	3.9	345.4
3' E of Cb	3.1	346.2
E Line	3.0	346.3

475' So

E Line	3.2	346.1
3' E of Cb	3.4	346.9
Cb	4.1	345.2
1/4	3.6	345.7
C	3.5	345.8
1/4	3.9	345.4
Cb	4.5	344.8
2' W of Cb	4.0	345.3
W Line	3.8	345.5

Campus Ave

349.26

500' S. Jack.

W Line	3.9	345,4
Cb	3.9	345,4
5' E of Cb	4.5	344,9
1/4	3.8	345,5
C	3.3	346,0
1/4	3.6	345,7
Cb	4.1	345,2
5' E of Cb	3.6	345,7
E Line	3,4	345,9

525' S.

E Line	3,7	345,6
5' E of Cb	3,7	345,6
Cb	4.5	344,8
1/4	3.5	345,8
C	3.5	345,8
1/4	3.9	345,4
Cb	4.5	344,8
2' W of Cb	4.1	345,2
W Line	4,0	345,3

550' S. Jack.

W Line	4.0	345,3
2' W of Cb	3.9	345,4
Cb	4,7	344,6
1/4	4.0	345,3
C	3.9	345,4
1/4	3.9	345,4
Cb	4.6	344,7
5' E of Cb	3,5	345,8
E Line	3,4	345,9

575' S.

E Line	3,7	345,6
5' E of Cb	4,3	345,0
Cb	5,0	344,3
1/4	4.2	345,1
C	4.1	345,2
1/4	4.4	344,9
Cb	4.7	344,6
	5.0	344,3
W Line	4.6	344,7

Campus Ave

349.26

No line Van Buren

W Line	4.7	344.6
Cb	4.7	344.6
6' E of Cb	5.5	343.8
1/4	4.9	344.4
C	4.2	345.1
1/4	4.5	344.8
Cb	5.0	344.3
E Line	3.9	345.4

No Cb Van

E Line	4.4	344.9
5' E of Cb	4.8	344.5
Cb	5.4	343.9
1/4	4.7	344.6
C	4.6	344.7
1/4	5.1	344.2
Cb	5.5	343.8
7' W of Cb	5.0	344.3
W Line	50	344.3

No 1/4 Van

W Line	5.2	344.1
7' W of Cb	5.3	344.0
Cb	5.7	343.6
1/4	5.3	344.0
C	4.8	344.5
1/4	5.0	344.3
Cb	5.5	343.8
E Line	4.7	344.6

Ctr Van

E Line	4.7	344.6
4' E of Cb	5.0	344.3
Cb	5.6	343.7
1/4	5.0	344.3
C	4.9	344.4
1/4	5.4	343.9
Cb	5.9	343.4
W Line	5.1	344.2

Campus Ave

349.26

So ¼ Van

W Line	4.9	344.4
7' W of Cb	5.3	344.0
Cb	5.8	343.5
¼	5.5	343 8
C	5.1	344.2
¼	5.2	344.1
Cb	5.8	343.5
7' E of Cb	5.0	344 3
E Line	4.9	344.4

So Cb Van

E Line	5.0	344.3
4' E of Cb	5.4	343.9
Cb	5.9	343.4
¼	5.3	344.0
C	5.2	344.1
¼	5.7	343.6
Cb	5.8	343.5
6' W of Cb	5.4	343.9
W Line	5.4	343.8

So Line Van 13.

W Line	5.5	343.8
Cb	5.5	343.8
6' E of Cb	6.0	343.3
¼	5.9	343.4
C	5.4	343.9
¼	5.3	344.0
Cb	5.8	343.5
3' E of Cb	5.2	344.1
E Line	5.3	344.0

25' So

E Line	5.4	343.9
5' E of Cb	5.6	343.8
Cb	6.2	343.1
¼	5.3	344.0
C	5.5	343.8
¼	6.0	343.3
Cb	5.7	343.6
	6.4	343.9
W Line	5.3	344.0

Campus Avg

349.26

50' So Van

W Line	6.1	343.2
Cb	5.7	343.6
4' E of Cb	6.5	342.8
1/4	6.2	342.1
C	5.6	343.7
1/4	5.7	343.6
Cb	6.0	343.3
3' E of Cb	5.2	343.1
E Line	5.7	343.6

75' So Van

E Line	5.5	343.8
3' E of Cb	5.8	343.5
Cb	6.5	342.8
1/4	6.0	343.3
C	5.8	343.5
1/4	6.2	343.1
2' E of Cb	6.5	343.8
Cb	5.9	343.4
W Line	6.0	343.3

100' So Van

W Line	6.6	342.7
Cb	6.4	342.9
5' E of Cb	6.9	342.4
1/4	6.4	342.9
C	5.9	343.4
1/4	6.1	343.2
Cb	6.5	342.8
2' E of Cb	5.7	343.6
E Line	5.8	343.5

125' So Van

E Line	5.7	343.6
Cb	6.1	343.2
	6.4	342.9
3' W of Cb	6.9	342.4
1/4	6.1	343.2
C	6.0	343.3
1/4	6.8	342.5
3' E of Cb.	7.3	342.0
Cb	6.5	342.8
W Line	6.6	342.7

Campus Ave

349.26

150' So Van

W Line	6.8	342.5
Cb	6.5	342.8
7' E of Cb	7.2	342.1
1/4	7.1	342.2
C	6.0	343.0
1/4	6.3	343.0
Cb	6.8	342.5
4' E of Cb	6.0	343.3
E Line	6.2	343.1

175' So Van

E Line	6.6	342.7
4' E of Cb	6.5	342.6
Cb	7.3	342.8
1/4	6.7	342.6
C	6.6	342.7
1/4	7.0	342.3
4' E of Cb	7.5	341.8
Cb	6.9	342.4
W Line	7.3	342.0

200' So Van

W Line	7.2	342.1
Cb	7.3	342.0
	7.5	342.8
1/4	7.3	342.0
C	6.8	342.5
1/4	6.8	342.5
Cb	7.6	341.9
2' E of Cb	6.7	342.6
E Line	6.6	342.7
T.P. 5.70 348.06	6.90	342.36

225' So Van

E Line	5.6	342.5
3' E of Cb	5.6	342.5
Cb	6.4	341.7
1/4	5.8	342.3
C	5.7	342.4
1/4	6.3	341.8
2' E of Cb	6.7	341.4
Cb	6.2	341.9
W Line	6.2	341.9

Campus Ave

348.06

250' So Van

W Line	6.4	341.7
Cb	6.5	341.6
3' E of Cb	7.0	341.1
1/4	6.6	341.5
C	6.1	342.0
1/4	6.1	342.0
Cb	6.3	341.8
2' E of Cb	5.5	342.6
E Line	5.7	342.4

275' So Van

E Line	5.7	342.4
2' E of Cb	5.8	342.3
Cb	6.4	341.7
1/4	6.3	341.8
C	6.2	341.9
1/4	6.7	341.4
2' E of Cb	7.2	340.9
Cb	7.0	341.1
2' W of Cb	6.8	341.3
W Line	6.8	341.3

300' So Van

W Line	7.1	341.0
Cb	7.1	341.0
3' E	7.5	340.6
1/4	7.0	341.1
C	6.1	342.0
1/4	6.5	341.6
3' W Cb	6.5	341.6
Cb	6.3	341.8
3' E "	5.8	342.3
E Line	5.8	342.3

325' So

E Line	5.6	342.5
3' E of Cb	5.7	342.4
Cb	6.2	341.9
1/4	6.6	341.5
C	6.1	342.0
1/4	6.6	341.5
2' E of Cb	7.5	340.6
Cb	6.9	341.2
2' E of W Line	7.1	341.0
W Line	7.5	340.6

Campus Ave

348.06

350' So Van

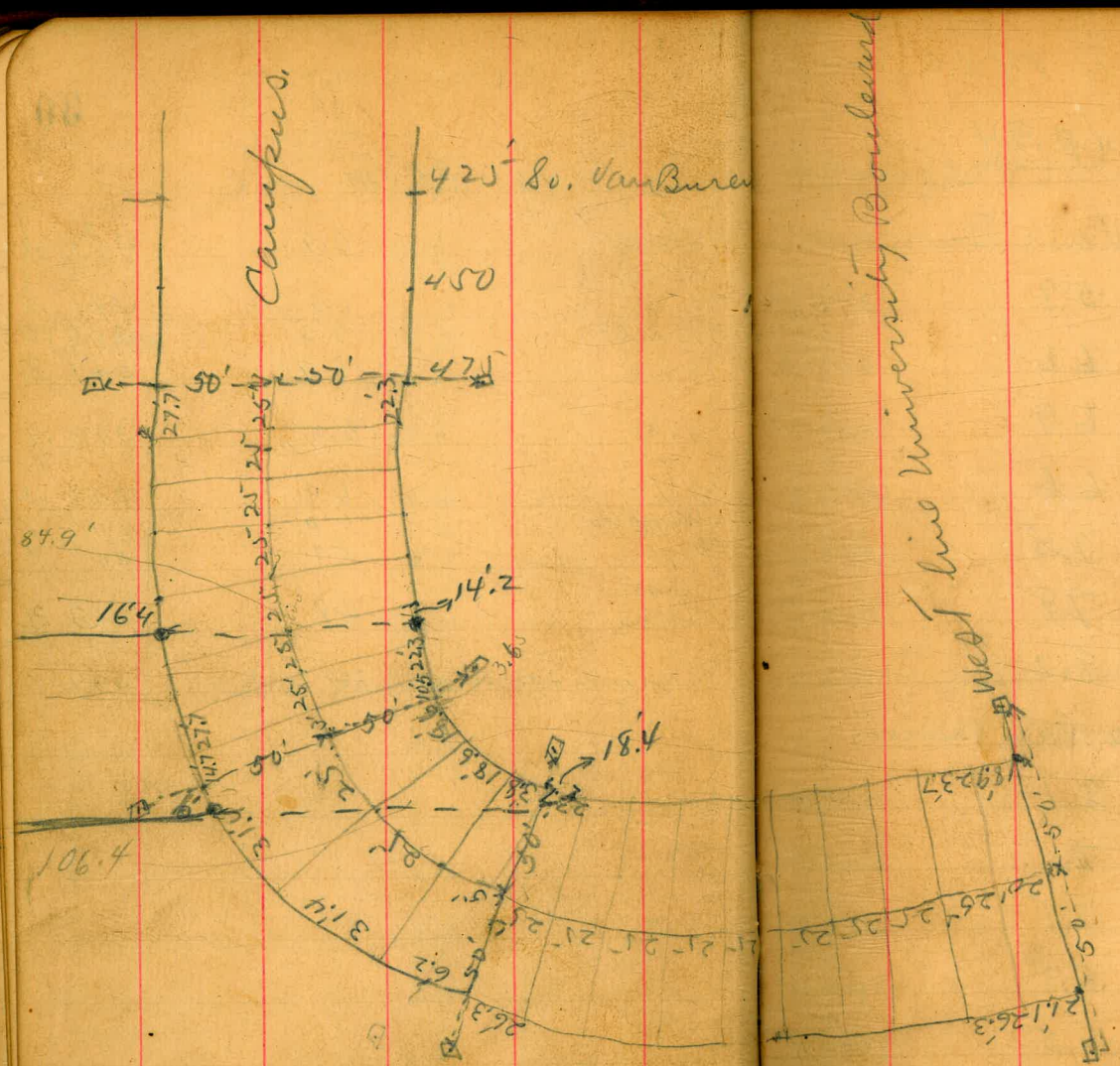
W Line	7.6	340.5
3' E "	7.0	341.1
Cb	6.7	341.4
2' E of Cb	7.3	340.8
1/4	6.6	341.5
C	5.8	342.3
1/4	6.4	341.7
3' W of Cb	6.2	341.9
Cb	5.8	342.3
2' E Cb	5.5	342.6
E Line	5.5	342.6

375' So Van

E Line	5.2	342.9
2' E of Cb	5.3	342.8
Cb	6.0	342.1
1/4	6.2	341.9
C	5.9	342.2
1/4	6.7	341.4
2' E of Cb	7.4	340.7
Cb	6.8	341.3
2' E of W. Line	7.0	341.1
W Line	7.3	340.8

400' So Van

W Line	6.9	341.2
Cb	6.9	341.2
3' E of Cb	7.3	340.8
1/4	6.9	341.2
C	6.0	342.1
1/4	6.1	342.0
2' W of Cb	6.0	342.1
Cb	5.1	343.0
E Line	4.8	343.3
T.P Nail in fence 50' So Van	3.68	344.38


Campus.
425' So. Van Buren
450
475
50'
50'
27.7
84.9'
16.4
14.2
18.4
106.4
31.4
26.3
West line University Boulevard
50'
50'
21.1
26.3

Sept. 1, 1905

H.I 348.94

425' So. Van Buren

E. line	5.8	343.1
cb	6.6	342.3
1/4	6.9	342.0
C	6.6	342.3
1/4	7.5	341.4
cb	7.8	341.1
W. line	8.2	340.7

450' So. Van Buren

W. line	8.1	340.8
cb	7.4	341.5
1/4	7.7	341.2
C	6.3	342.6
1/4	6.5	342.4
cb	6.2	342.7
E. line	5.9	343.0

Childs
Lambert
Hawkins

Beginning curve 475' So. Van Buren

E. line	5.9	343.0
cb	6.3	342.6
1/4	6.4	342.5
C	6.5	342.4
1/4	7.5	341.4
cb	7.4	341.5
W. line	7.0	341.9

Distances measured on center of curve

500' So. Van Buren

W. line	7.8	341.1
cb	7.7	341.2
1/4	7.5	341.4
C	6.5	342.4
1/4	6.4	342.5
cb	5.7	343.2
E. line	5.6	343.3

5-25' So. Van Buren

E. line	5.6	343.3
cl	6.0	342.9
1/4	6.5	342.4
c	6.6	342.3
1/4	7.4	341.5
cb	7.7	341.2
W. line	7.8	341.1

5-50' So. Van Buren

W. line	8.0	340.9
cb	7.8	341.1
1/4	7.6	341.3
c	6.7	342.2
1/4	6.6	342.3
cb	6.1	342.8
E. line	5.6	343.3

5-75' So. Van Buren

E. line	5.5	343.4
cb	6.2	342.7
1/4	6.6	342.3
c	6.8	342.1
1/4	7.8	341.1
cb	8.1	340.8
W. line	8.1	340.8

600' So. Van Buren

W. line	8.6	340.3
cb	8.6	340.3
1/4	7.5	341.4
c	6.8	342.1
1/4	6.5	342.4
cb	6.1	342.8
E. line	5.5	343.4

625' So. Van Buren

E. line	5.6	343.3
cb	6.0	342.9
1/4	6.7	342.2
c	6.7	342.2
1/4	7.3	341.3
cb	8.1	340.8
W. line	8.5	340.4

650' So. Van Buren

W. line	7.8	341.1
cb	8.0	340.9
1/4	7.3	341.6
c	6.6	342.3
1/4	6.6	342.3
cb	6.3	342.6
E. line	5.6	343.3

663' So. Van Buren

E. line	5.5	343.4
cb	6.4	342.5
1/4	6.5	342.4
c	6.6	342.3
1/4	7.2	341.7
cb	7.8	341.1
W. line	7.3	341.6

688' So. Van Buren

W. line	8.0	340.9
cb	7.1	341.8
1/4	6.9	342.0
c	6.3	342.6
1/4	6.2	342.7
cb	6.2	342.7
E. line	5.0	343.9

713' So. Van Buren

E. line	4.8	344.1
cb	5.8	343.1
1/4	6.0	342.9
c	6.1	342.8
1/4	6.5	342.4
cb	6.9	342.0
W. line	8.0	340.9

718' So. Van Buren

W. line	7.7	341.2
cb	6.9	342.0
1/4	6.5	342.4
c	5.9	343.0
1/4	6.0	342.9
cb	5.7	343.2
E. line	4.7	344.2

743' So. Van Buren

W. line	6.7	342.2
cb	6.7	342.2
1/4	6.0	342.9
c	5.6	343.3
1/4	5.3	343.6
cb	4.8	344.1
E. line	4.5	344.4

768' So. Van Buren

E. line	4.6	344.3
cb	4.6	344.3
1/4	5.0	343.9
c	5.0	343.9
1/4	5.7	343.2
cb	6.4	342.5
W. line	6.3	342.6

793' So. Van Buren

W. line	5.9	343.0
cb	6.1	342.8
1/4	5.4	343.5
C	4.6	344.3
1/4	4.8	344.1
cb	4.8	344.1
E. line	4.3	344.6

818' So. Van Buren

E. line	4.2	344.7
cb	5.0	343.9
1/4	4.8	344.1
C	4.3	344.6
1/4	5.1	343.8
cb	5.8	343.1
W. line	5.9	343.0

843' So. Van Buren

W. line	5.3	343.6
cl	5.4	343.5
1/4	4.7	344.2
C	4.3	344.6
1/4	4.3	344.6
cb	4.7	344.2
E. line	4.1	344.8

868' So. Van Buren

E. line	3.6	345.3
cb	4.3	344.6
1/4	4.0	344.9
C	4.2	344.7
1/4	4.7	344.2
cb	5.2	343.7
W. line	5.0	343.9

893' So. Van Buren

W. line	4.7	344.2
cb	5.2	343.7
1/4	4.7	344.2
C	4.1	344.8
1/4	4.1	344.8
cb	4.3	344.6
E. line	3.8	345.1

918' So. Van Buren

E. line	36	345.3
cb	4.4	344.5
1/4	4.2	344.7
C	4.2	344.7
1/4	4.4	344.5
cb	5.2	343.7
W. line	4.9	344.0

943' So. Van Buren

W. line	4.9	344.0
cb	5.2	343.7
1/4	5.0	343.9
C	4.5	344.4
1/4	4.2	344.7
cb	4.4	344.5
E. line	3.9	345.0

West line University Boulevard

N. line	4.2	344.7
cb	4.2	344.7
1/11	4.2	344.7
C	4.5	344.4
1/4	4.9	344.0
cb	5.1	343.8
S. line	5.2	343.7

H.I. 349.14

West cb. University Boulevard

So. line	5.2	343.9
cb	5.7	343.4
1/4	5.1	344.0
C	4.7	344.4
1/4	4.6	344.5
cb	4.7	344.4
N. line	4.8	344.3

West 1/4

S. line	5.5	344.6
cb	5.1	344.0
1/4	4.8	344.3
C	4.7	344.4
1/4	4.7	344.4
cb	4.5	344.6
N. line	4.8	344.3

Center U. Boulevard

N. line	4.3	344.8
cb	4.4	344.7
1/4	4.6	344.5
C	4.9	344.2
1/4	5.1	344.0
cb	5.2	343.9
S. line	5.4	343.7

East 1/4

S. line	5.6	343.5
cb	5.4	343.7
1/4	5.1	344.0
C	4.9	344.2
1/4	4.8	344.3
cb	4.7	344.4
N. line	4.6	344.5

East ch.

N. line	5.0	344.1
ch	5.2	343.9
1/4	5.8	343.3
C	5.8	343.3
1/4	6.2	342.9
ch	6.3	342.8
S. line	5.8	343.3

East line U. Boulevard

S. line	4.3	344.8
ch	4.6	344.5
1/4	5.5	343.6
C	5.0	344.1
1/4	5.1	344.0
ch	4.9	344.2
N. line	4.6	344.5

25' E. U. Boulevard

N. line	4.7	344.4
ch	5.0	344.1
1/4	5.4	343.7
C	4.8	344.3
1/4	5.5	343.6
ch	5.1	344.0
S. line	4.0	345.1

50' E. U. Boulevard

S. line	4.3	344.8
ch	4.6	344.5
1/4	5.5	343.6
C	4.8	344.3
1/4	5.0	344.1
ch	4.9	344.2
N. line	4.9	344.2

75' E. U. Boulevard

N. line	5.3	343.8
cb	5.0	344.1
1/4	5.5	343.6
c	4.9	344.2
1/4	5.6	343.5
cb	4.2	344.9
S. line	4.4	344.7

100' E. U. Boulevard

S. line	4.7	344.4
cb	4.9	344.2
1/4	5.8	343.3
c	5.0	344.1
1/4	5.4	343.7
cb	5.1	344.0
N. line	5.3	343.8

125' E. U. Boulevard

N. line	5.3	343.8
cb	5.2	343.9
1/4	5.6	343.5
c	5.0	344.1
1/4	5.8	343.3
cb	5.2	343.9
S. line	4.9	344.2

140' E. U. Boulevard

S. line	5.4	343.7
cb	5.5	343.6
1/4	6.0	343.1
c	5.1	344.0
1/4	5.7	343.4
cb	5.3	343.8
N. line	5.2	343.9

160' E. N. Boulevard

N. line	5.7	343.9
cb	5.6	343.6
1/4	5.7	343.4
C	5.8	343.8
1/4	6.1	343.0
cb	6.1	343.0
S. line	6.2	342.9

175' E. N. Boulevard

S. line	6.1	343.0
cb	6.0	343.1
1/4	6.3	342.8
C	5.4	343.7
1/4	5.8	343.3
cb	5.5	343.6
N.	5.4	343.7

200' E. N. Boulevard

N. line	5.5	343.6
cb	5.8	343.3
1/4	6.0	343.1
C	5.7	343.4
1/4	6.3	342.8
cb	6.1	343.0
S. line	6.4	342.7

225' E. N. Boulevard

S. line	6.5	342.6
cb	6.4	342.7
1/4	6.4	342.7
C	6.1	343.0
1/4	6.6	342.5
cb	5.9	343.2
N. line	5.7	343.4

250' E. N. Boulevard

n. line	6.2	342.9
cb	6.1	343.0
1/4	6.7	342.4
C	6,2	342.9
1/4	6.8	342.3
cb	6.4	342.7
S. line	6.6	342.5

268.5 E. N. Boulevard

S. line	6.6	342.5
cb	6.6	342.5
1/4	7.1	342.0
C	6.7	342.4
1/4	6.7	342.4
cb	6.6	342.5
n. line	6.9	342.2

(2.)

300' West line Park Boulevard

n. line	6.9	342.2
cb	6.8	342.3
1/4	7.1	342.0
C	7.1	342.0
1/4	7.3	341.8
cb	6.6	342.5
So. line	7.3	341.8

Sept. 2. 1905

H.I. 324.21 Georgia

South line El Cajon ave.

W. line	10.2	314.0
cb	9.8	314.4
1/4	10.5	313.7
C	11.2	313 0
1/4	11.5	312.7
cb	11.7	312.5
E. line	12.3	311.9

So. cb.

E. line	13.3	310.9
cb	12.7	310 5
1/4	14.1	310.1
C	14.2	310.0
1/4	13.4	310.8
cb	11.9	312.3
W. line	11.2	313.0

Childs Lambert, Hawkins

Street 20' sidewalk

So. 1/4

W. line	8.1	316.1
cb	8.5	315.7
1/4	8.9	315.3
C	9.1	315.1
1/4	8.3	315.9
cb	10.5	313.7
E. line	13.7	310.5

Center

E. line	10.7	313.5
cb	8.7	315.5
1/4	8.6	316.6
C	8.2	316.0
1/4	7.7	316.5
cb	7.1	317.1
W. line	6.6	317.6

North 1/4

W	W. line	4.3	319.9
	C6	5.4	318.8
	1/4	5.9	318.3
	C	6.5	317.7
	1/4	6.9	317.3
	C6	7.6	316.6
E	E. line	8.5	315.7

North C6.

E	E. line	8.7	315.5
	C6	8.0	316.2
	1/4	7.3	316.9
	C	7.0	317.2
	1/4	6.4	317.8
	C6	5.0	319.2
W	W. line	4.6	319.6

North line El Cajon

W. line		4.0	320.2
C6		4.2	320.0
1/4		4.7	319.5
C		5.7	318.5
1/4		6.1	318.1
C6		6.5	317.7
E. line		7.0	317.2

25' North El Cajon

E. line		6.3	317.9
C6		5.2	319.0
1/4		4.8	319.4
C		4.6	319.6
1/4		4.2	320.0
C6		3.6	320.6
W. line		3.1	321.1

50' N. El Cajon

W. line		2.7	3 x 1.5
cb		3.3	3 x 0.9
1/4		3.0	3 x 1.2
c		3.1	3 x 1.1
1/4		3.3	3 x 0.9
cb		4.0	3 x 0.2
E. line		5.1	3 1.9 .1

75' N. El Cajon

E. line		3.5	3 x 0.7
cb		3.2	3 x 1.0
1/4		2.2	3 x 1.0
c		2.7	3 x 1.5
1/4		2.8	3 x 1.4
cb		2.2	3 x 1.0
W. line		1.7	3 x 2.5

100' N. El Cajon

W. line		- 0.2	324.4
cb		1.9	3 x 1.3
1/4		2.1	3 x 1.1
c		2.4	3 x 1.8
1/4		2.7	3 x 1.5
cb		2.5	3 x 1.7
E. line		2.7	3 x 1.5

N.I 335.42

125' N. El Cajon

E. line		12.7	3 x 2.7
cb		12.6	3 x 2.8
1/4		11.9	3 x 3.5
c		10.8	3 x 4.6
1/4		11.6	3 x 3 8
cb		11.0	3 x 4 4
W. line		9.2	3 x 6.2

140' N. El Cajon

W. line	7.6	3 x 7.8
CL	10.4	3 x 5.0
1/4	10.1	3 x 5.3
C	9.7	3 x 5.7
1/4	10.0	3 x 5.4
CL	11.3	3 x 4.1
E. line	11.2	3 x 4.2

150' N. El Cajon

E. line	10.0	3 x 5.4
CL	10.6	3 x 4.8
1/4	9.7	3 x 5.7
C	8.7	3 x 6.7
1/4	9.3	3 x 6.1
CL	8.9	3 x 6.5
W. line	5.7	3 x 9.7

175' N. El Cajon

W. line	2.5	33 x.9
CL	5.3	330.1
1/4	6.4	3 x 9.0
C	5.9	3 x 9.5
1/4	6.8	3 x 8.2
CL	7.7	3 x 7.7
E line	7.8	3 x 7.6

200' N. El Cajon

E. line	5.3	330.1
CL	5.1	330.3
1/4	3.3	33 3.1
C	2.5	33 x.9
1/4	2.6	33 x.8
CL	1.4	334.0
W. line	-0.4	335.8

H.I. 344.41

225' N. El Cajon

W. line	5.2	339.2
cb	6.4	338.0
1/4	7.3	337.1
C	7.8	336.6
1/4	9.9	334.5
cb	10.5	333.9
E. line	11.2	333.2

250' N. El Cajon

E. line	8.4	336.0
cb	7.0	337.4
1/4	6.0	338.4
C	5.3	339.1
1/4	4.8	339.6
cb	4.5	339.9
W. line	3.5	340.9

275' N. El Cajon

W. line	3.3	341.1
cb	3.3	341.1
1/4	3.7	340.7
C	4.1	340.3
1/4	4.4	340.0
cb	5.1	339.3
E. line	6.4	338.0

300' N. El Cajon

E. line	5.0	339.4
cb	3.9	340.5
1/4	3.4	341.0
C	2.9	341.5
1/4	2.6	341.8
cb	2.6	341.8
W. line	2.2	342.2

H.I. 349.27

325' N. Elcajon

W. line	1.8	34γ,6
cb	2.1	34γ,3
1/4	2.6	341,8
c	2.7	341,7
1/4	2.1	34γ,3
cb	2.4	34γ,0
E. line	3.7	340,7

350' N. Elcajon

E. line	2.7	341,7
cb	2.2	34γ,1
1/4	1.8	34γ,6
c	1.7	34γ,7
1/4	1.7	34γ,7
cb	1.4	343,0
W. line	1.3	343,1

375' N. Elcajon

W. line	5.9	343,4
cb	6.4	34γ,9
1/4	6.4	34γ,9
c	6.4	34γ9
1/4	6.0	343,3
cb	6.6	34γ,7
E. line	7.2	34γ,1

400' N. Elcajon

E. line	6.9	34γ,4
cb	6.5	34γ,8
1/4	6.1	343,γ
c	5.8	343,5
1/4	5.9	343,4
cb	5.7	343,6
W. line	5.7	344,6

425' N. Elcajon

W. line	5.6	343.7
cb	5.7	343.6
1/4	5.9	343.4
C	5.9	343.4
1/4	5.7	343.6
cb	5.6	343.7
E. line	6.4	342.9

450' N. Elcajon

E. line	6.5	342.8
cb	5.6	343.7
1/4	4.8	344.5
C	5.2	344.1
1/4	5.4	343.9
cb	5.5	343.8
W. line	5.4	343.9

475' N. Elcajon

W. line	5.0	344.3
cb	5.3	344.0
1/4	5.4	343.9
C	5.6	343.7
1/4	5.6	343.7
cb	5.6	343.7
E. line	6.2	343.1

500' N. Elcajon

E. line	5.8	343.5
cb	5.8	343.5
1/4	4.1	345.2
C	4.0	345.3
1/4	4.5	344.8
cb	4.9	344.4
W. line	4.9	344.4

525' N. Elcajon

W. line		4.9	344.4
cb		4.8	344.5
1/4		5.2	344.1
C		5.4	343.9
1/4		5.4	343.9
cb		5.1	344.2
E. line		5.6	343.7

550' N. Elcajon

E. line		5.6	343.7
cb		5.6	343.7
1/4		5.3	344.0
C		5.2	344.1
1/4		4.7	344.6
cb		4.8	344.5
W. line		4.8	344.5

575' N. Elcajon

W. line		4.9	344.4
cb		4.8	344.5
1/4		4.7	344.6
C		4.8	344.5
1/4		4.0	345.3
cb		4.7	344.6
E. line		5.4	343.9

South line Jackson

E. line		5.5	343.8
cb		5.3	344.0
1/4		5.2	344.1
C		4.9	344.4
1/4		4.7	344.6
cb		4.6	344.7
W. line		4.84	344.43

N.I. 35-0.38

So. cb.

W. line	5.6	344,8
cb	5.7	344,7
1/4	5.7	344,7
C	6.0	344,4
1/4	6.0	344,4
cb	5.8	344,6
E. line	6.3	344,1

So. 1/4

E. line	6.8	343,6
cb	6.4	344,0
1/4	6.2	344,2
C	6.2	344,2
1/4	6.0	344,4
cb	6.0	344,4
W. line	5.9	344,5

Center

W. line	5.5	344,9
cb	5.6	344,8
1/4	5.8	344,6
C	5.8	344,6
1/4	5.9	344,5
cb	6.1	344,3
E. line	6.3	344,1

N. 1/4

E. line	6.9	343,5
cb	6.5	343,9
1/4	6.4	344,0
C	6.3	344,1
1/4	6.2	344,2
cb	6.2	344,2
W. line	6.0	344,4

North Ch.

W. line	4.3	344.1
Ch	4.3	344.1
1/4	5.6	344.8
C	6.2	344.2
1/4	6.3	344.1
Ch	6.3	344.1
E. line	5.8	344.6

North line Jackson

E. line	4.7	345.7
Ch	5.7	344.7
1/4	6.0	344.4
C	6.0	344.4
1/4	5.9	344.5
Ch	5.1	345.3
W. line	4.9	344.5

25' N. Jackson

W. line	5.7	344.7
Ch	5.2	345.2
1/4	4.7	345.7
C	4.8	345.6
1/4	5.5	344.9
Ch	5.5	344.9
E. line	5.9	344.5

50' N. Jackson

E. line	6.0	344.4
Ch	5.7	344.7
1/4	5.7	344.7
C	5.6	344.8
1/4	5.5	344.9
Ch	5.4	345.0
W. line	5.5	344.9

75' N. jackson

W. line	5.3	3+5, 1
cb	4.2	3+6, 2
1/4	4.3	3+6, 1
C	5.1	3+5, 3
1/4	5.6	3+4, 8
cb	5.5	3+4, 9
E. line	5.6	3+4, 8

100' N. jackson

E. line	4.0	3+6, 4
CB	5.4	3+5, 0
1/4	5.4	3+5, 0
C	5.1	3+5, 3
1/4	4.3	3+6, 1
cb	4.8	3+5, 6
W. line	5.2	3+5, 2

125' N. jackson

W. line	5.1	3+5, 3
cb	5.1	3+5, 3
1/4	5.0	3+5, 4
C	5.1	3+5, 3
1/4	5.0	3+5, 4
cb	5.1	3+5, 3
E. line	5.0	3+5, 4

149'.6 N. jackson

E. line	5.1	3+5, 3
cb	4.9	3+5, 5
1/4	4.4	3+6.0
C	4.2	3+6, 2
1/4	4.7	3+5, 7
cb	4.3	3+6, 1
W. line	4.7	3+5, 7

So. line Missin ave.

W. line	4.7	345.7
cb	3.1	347.3
1/4	4.4	346.0
C	5.0	345.4
1/4	4.9	345.5
cb	4.8	345.6
E. line	4.9	345.5

So. cb.

E. line	4.9	345.5
cb	4.1	346.3
1/4	4.4	346.0
C	4.7	345.7
1/4	4.7	345.7
cb	4.8	345.6
W. line	4.7	345.7

So. 1/4

W. line	4.7	345.7
cb	4.3	346.1
1/4	4.4	346.0
C	4.1	346.3
1/4	4.3	346.1
cb	4.2	346.2
E. line	4.1	346.3

Center

E line	3.9	346.5
cb	3.9	346.5
1/4	3.9	346.5
C	4.0	346.0
1/4	3.9	346.5
cb	4.0	346.4
W. line	4.0	346.4

North 1/4

W. line	4.4	346.0
cb	3.8	346.6
1/4	4.2	346.2
c	4.2	346.2
1/4	3.9	346.5
cb	4.0	346.4
E. line	4.0	346.4

North cb,

E. line	4.4	346.0
cb	3.8	346.6
1/4	3.3	347.1
c	3.4	347.0
1/4	4.2	346.2
cb	4.4	346.0
W. line	4.5	345.9

North line Missin ave.

W. line	4.6	345.8
cb	4.4	346.0
1/4	4.3	346.1
c	4.4	346.0
1/4	4.3	346.1
cb	4.4	346.0
E. line	4.4	346.0

346' N. Jackson

E. line	4.4	346.0
cb	4.5	345.9
1/4	4.4	346.0
c	4.3	346.1
1/4	4.3	346.1
cb	4.4	346.0
W. line	4.4	346.0

375' N. Jackson

W. line	2.1	348.3
cb	3.6	346.8
1/4	4.4	346.0
C	4.3	346.1
1/4	3.0	347.4
cb	2.3	348.1
E. line	3.9	346.5

H.I. 352.53

400' N. Jackson

E. line	5.6	346.9
cb	6.5	346.0
1/4	6.5	346.0
C	6.6	345.9
1/4	6.5	346.0
cb	6.5	346.0
W. line	6.6	345.9

H.I. 352.53

425' N. Jackson

W. line	6.3	346.2
cb	5.4	347.1
1/4	4.3	348.2
C	4.7	347.8
1/4	5.2	347.3
cb	6.3	346.2
E. line	6.5	346.0

450' N. Jackson

E. line	5.0	347.5
cb	6.2	346.3
1/4	6.4	346.1
C	6.3	346.2
1/4	6.3	346.2
cb	6.4	346.1
W. line	4.2	348.3

475' N. Jackson

W. line	6.5	346.0
CB	6.3	346.2
1/4	6.3	346.2
C	6.1	346.4
1/4	6.2	346.3
CB	5.8	346.7
E. line	5.3	347.2

500' N. Jackson

E. line	5.0	347.5
CB	5.4	347.1
1/4	5.1	347.4
C	4.3	348.2
1/4	4.5	348.0
CB	5.6	346.9
W. line	5.8	346.7

525' N. Jackson

W. line	5.2	347.3
CB	4.7	347.8
1/4	3.9	348.6
C	4.0	348.5
1/4	5.4	347.1
CB	5.7	346.8
E. line	4.9	347.6

550' N. Jackson

E. line	4.5	348.0
CB	5.5	347.0
1/4	5.6	346.9
C	5.3	347.2
1/4	5.0	347.5
CB	5.0	347.5
W. line	5.2	347.3

575' N. Jackson

W. line	5.5	347.0
cb	5.6	346.9
1/4	5.6	346.9
C	5.4	347.1
1/4	5.4	347.1
cb	5.5	347.0
E. line	5.1	347.4

South line Monroe

E. line	5.5	347.0
cb	4.1	348.4
1/4	3.1	349.4
C	3.8	348.7
1/4	5.0	347.5
cb	5.3	347.2
W. line	4.8	347.7

So. cb.

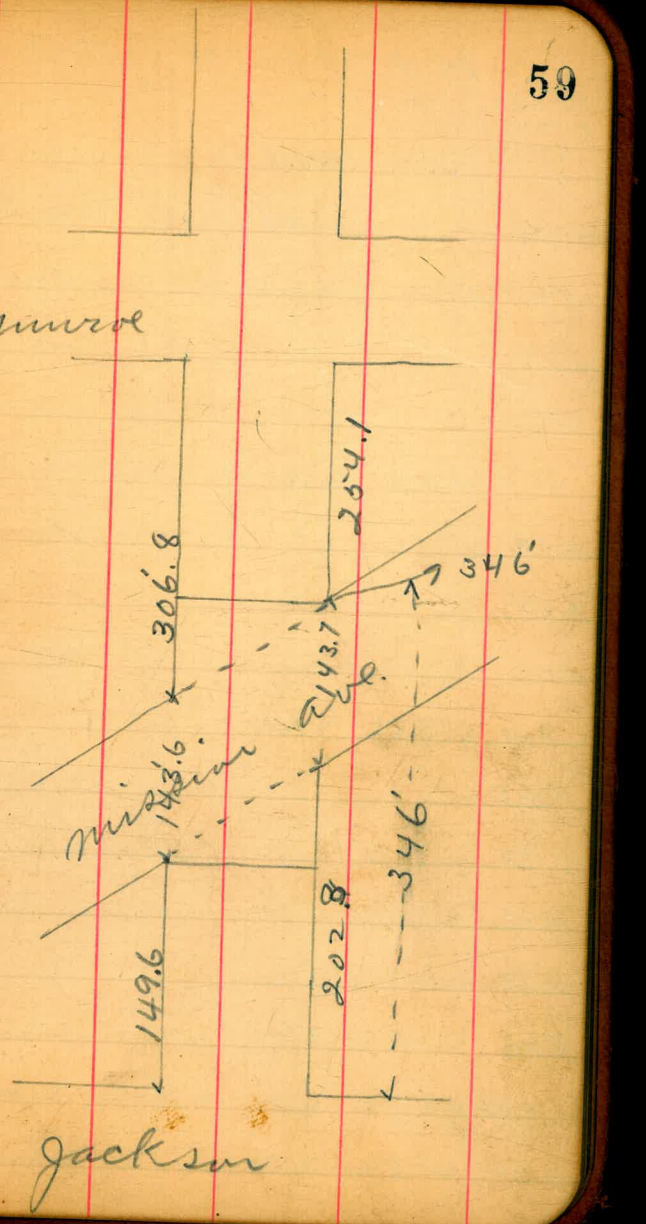
W. line	5.4	347.1
cb	5.4	347.1
1/4	4.6	347.9
C	3.4	349.1
1/4	3.3	349.2
cb	4.4	348.1
E. line	5.4	347.1

So. 1/4

E. line	5.4	347.1
cb	5.5	347.0
1/4	5.5	347.0
C	5.3	347.2
1/4	5.3	347.2
cb	5.4	347.1
W. line	5.3	347.2

Center Monroe

W. line	4.8	347.7
C/L	4.7	347.8
1/4	4.8	347.7
C	4.8	347.7
1/4	5.0	347.5
C/L	5.0	347.5
E. line	5.1	347.4



MADISON AVE

COVERT BROOKES MOORE

BOUNDARY - ARIZONA

12/13/05

	6.30	391.99		385.69
				(390.04) 390.04 390.09
	3.25	393.34	1.90	390.09

56.5 EAST OF W.L. ILLINOIS = W.L. BOUNDARY

33.7 " " " " = " "

15 " " " "

0 = W.L. ILLINOIS

+50

+80

1+0

+10

+25

+50

+75

+85

2+0

+50

3+0 = E.L. OHIO

N.L		S.L	
N.W. ILLINOIS & MONROE.			
Δ WHITE STAKE AT S.W. MADISON & ILLINOIS			
		3.6	389.7
2.6	390.7		
4.3	389.0		
4.1	389.2	4.5	388.8
4.1	389.2	4.5	388.8
		4.5	388.8
4.4	388.9	3.5	389.8
		4.8	388.5
3.0	390.3		
4.4	388.9	4.7	388.6
		4.5	388.8
		3.8	389.5
4.2	389.1	4.8	388.5
4.0	389.3	4.7	388.6
4.4	388.9	4.7	388.6

MADISON AVE.

393.34

+10						4.5	388.8
+20				N.L.		S.L.	
+30				3.4	389.9		
+40	= C.L. OHIO					3.7	389.6
+60				4.0	389.3	4.3	389.0
+80	= O-W.L. OHIO			4.7	388.6		
		4.04	389.30	4.0	389.3	4.5	388.5
+10				N.W. OHIO & MADISON ON HUB			
+25				3.6	389.7		
+50				4.7	388.6		
				3.1	390.2	5.3	388.0
+75						5.0	388.3
1+0				4.8	388.5		
+05				5.1	388.2	4.4	388.9
+15						4.9	388.4
+40						4.0	389.3
+50						6.7	386.6
				5.7	387.6	6.2	387.1

MADISON ST.

393.34

		N.L.		S.L.	
+55				5.9	387.4
+70		5.7	387.6	6.8	386.5
+85		4.2	389.1	5.4	387.9
2+0		5.0	388.3	7.3	386.0
+10		6.6	386.7		
+15				7.3	386.0
+35				6.5	386.8
+40		4.9	388.4		
+50		5.7	387.6	7.9	385.4
+60		7.7	385.6		
+75		6.8	386.5		
3+0	= E.L. 30TH ST.	7.1	386.2	8.6	384.7
+10		6.5	386.8	7.5	385.8
+30				9.2	384.1
+40	C.L. 30TH ST	8.8	384.5	9.4	383.9
+55		6.7	386.6		
+70				10.0	383.3

MADISON AVE

393.34

0 = W.L. 30TH				
	1.04	385.09	9.29	384.05
+10				
+25				
+45				
+50				
+70				
+80				
+95				
1+0				
+20				
+40				
+45				
+50				
+75				
+85				
2+0				

N.L	N.L	S.L	
		8.8	384.5
N.W. 30TH &		MADISON ON HUB.	
		0.0	385.1
		1.6	383.5
		0.8	384.3
2.0	383.1	1.6	383.5
2.0	383.1		
1.2	383.9	2.7	382.4
		0.7	384.4
3.2	381.9	1.1	384.0
		3.9	381.2
		1.6	383.5
3.4	381.7		
2.7	382.4	3.0	382.1
		4.3	380.8
4.9	380.2	3.4	381.7
3.0	382.1	5.1	380.0

MADISON

385.09

		N.L		S.L	
+10				4.8	380.3
+20				5.9	379.2
+30		5.7	379.4		
+50		5.4	379.7	4.0	381.1
+60		6.6	378.5	6.3	378.8
+70		4.3	380.8	6.1	379.0
+85		4.3	380.8	6.7	378.4
3+0	= E.L KANSAS	6.7	378.4	6.0	379.1
+15				7.8	377.3
+40	= C.L KANSAS	7.5	377.6	8.2	376.9
+50				7.6	377.5
+60		7.4	377.7	8.2	376.9
+75		6.7	378.4		
+80	= O = W.L. KANSAS	7.2	377.9	8.2	376.9
+50		7.6	377.5	8.7	376.4
+65				6.6	378.5
+85				8.1	377.0

MADISON AVE.

385.09

1+0					
+15					
+25					
+50					
+70					
+85					
2+0					
+30					
+40					
+50					
+55					
+75					
3+0	= E.L. UTAH				
	6.71	383.38	8.42	376.67	376.67 376.64 .03
+30					
+40					
+50					

N.L.		S.L	
8.0	377.1	8.1	377.0
		8.4	376.7
		6.7	378.4
7.8	377.3	6.4	378.7
		6.4	378.7
7.5	377.6	8.1	377.0
6.2	378.9	8.3	376.8
7.8	377.3		
7.8	377.3	8.3	376.8
7.0	378.1	7.1	378.0
6.4	378.7	6.5	378.6
7.6	377.5	8.3	376.8
7.6	377.5		
S.E. UTAH & MADISON ON HUB			
		6.6	376.8
5.6	377.8	5.7	377.7
5.9	377.5		

MADISON AVE.

383.38

W. L. UTAH = 0

	N. L		S. L	
+65			6.5	376,9
+70	3.5	379,9		
	3.8	379,6	5.3	378,1
+15	5.8	377,6	6.4	377,0
+40	4.8	378,6	6.4	377,0
+50	5.6	377,8	5.0	378,4
+60	6.0	377,4		
+65			6.1	377.3
+75	5.2	378,2		
+90	6.0	377.4	5.4	378;3
1+0	5.0	378,4	6.2	377,2
+10	4.1	379,3		
+25	5.8	377.6		
+50	5.8	377,6	6.2	377,2
+65			6.3	377,1
+75	4.1	379 3	4.9	378,5
2+0	5.8	377,6	6,1	377,3

	MADISON AVE					N.L.		S.L	
		38338							
+50						5.4	378,0	6.1	377,3
+60						4.4	379.0		
+75						5.4	378 0	4.4	379.0
3+0	E.L. IDAHO					5.6	377,8	6.0	377,4
+15						4.5	378,9		
+17						5.1	378,3		
+24						5.2	378,2	5.8	377.6
+25						5.7	377,7	6.5	376,9
+40	C.L. IDAHO					4.8	378,6	5.6	377.8
+54						5.7	377,7	6.6	376.8
+55								5.4	378,0
+60								6,1	377,3
0 =	W.L. IDAHO					4.5	378,9	5.4	378.0
			5.84	377.54		S.E. IDAHO & MADISON		ON PHONE POLE	
+15						5.2	378.2		
+50						4.8	378,6	5.1	378.3
+75								5.3	378.1

MADISON AVE.

383.38

+70				
1+0				
+25				
+35				
+50				
+60				
+65				
+75				
+80				
2+0				
+10				
+30				
+50				
+85				
3+0	E. L. OREGON			
	3.35	382.77	2.96	380.42
+24				

	N.L		S.L	
	3.5	379.9		
	4.8	378.6	3.6	379.8
	2.8	380.6		
	3.4	380.0	4.3	379.1
	2.1	381.3	3.0	380.4
			2.5	380.9
	3.2	380.2		
			3.7	379.7
	2.0	381.4		
	3.6	379.8	3.6	379.8
			3.7	379.7
	2.7	380.7	1.7	381.7
	2.8	380.6	3.3	380.1
	2.3	381.1	3.0	380.4
	2.9	380.5	2.3	381.1
N.E	OREGON & MADISON ON HUB			
	3.1	380.7	2.8	381.0

MADISON AVE.

383.77

+25					
+40	C.L. OREGON				
+55					
0 =	W.L. OREGON				
25					
+~~45~~					
+50					
+60					
+65					
+90					
1+0					
+10					
+25					
+50					
+95					
2+0					
+20					

N.L		S.L	
		3.6	380,2
2.2	381.6	2.4	381,4
3.1	380,7	3.4	380,4
3.2	380,6	3.4	380,4
		3.4	380,4
		2.0	381,8
3,3	380,5	2.7	381
		3.8	380,0
1.4	382.4		
3,3	380,5	2,1	381,7
2.3	381,5	3,6	380,2
		3.9	379,9
3,6	380,2	2,7	381,1
3.9	379,9	4,1	379,7
		4.3	379,5
4.3	379,5	3,0	380,8
		4.8	379,0

MADISON AVE.

388.77

				N.L		S.L	
+30				4.4	379.4		
+40				3.4	380.4	4.1	379,7
+50				3.9	379.9	5.0	378.8
+60				4.7	379,1		
+80				4.9	378.9	5.5	378,3
+85						4.6	379,2
+90				4.3	379.5		
3+0	- E.L.	CALIF		5.1	378,7	5.5	378,3
+15				5.4	378.4		
+20				4.4	379.4	5.0	378,8
+21				5.4	378,4		
+40	C.L.	CALIF		4,4	379,4	6.3	377,5
+55				5.5	378,3		
+56				5.0	378,8		
+60						6.2	377.6
	W.L.	CALIF		5.5	378.3	4.4	379,4
			4.41 378.36	S.W. CALIF & MADISON ON HUB			

MADISON AVE.

383.77

	N.L		S.L	
+25				
+30			7.4	376.4
+50	6.2	377.6		
+65	4.7	379.1	7.2	376.6
+75	7.1	376.7		
+90	6.5	377.3		
1+0	7.3	376.5		
+10	6.7	377.1	7.6	376.2
+35	6.0	377.8		
+50	8.4	375.4		
2+0	8.4	375.4	9.1	374.7
+10	9.3	374.5	9.7	374.1
+25	9.8	374.0		
+30			10.3	373.5
+35	8.3	375.5		
+50			9.3	374.5
+60	10.3	373.5	11.0	372.8
	11.3	372.5		

MADISON AVE.

		383.77			
+70					
+75					
3+0 =	E. L.	ARIZONA			
	0.26	371.48	12.55	371.22	
			1.32	370.16	
	1.05	361.49	11.04	360.44	
			3.87	357.62	357.65 357.62 .03

N. L		S. L	
		13.0	370.8
10.5	373.3		
13.4	370.4	13.6	370.2

S.E. ARIZONA & MADISON ON HUB.

N.E. ARIZONA & MONROE ON HUB

El Cajon Wood Pipe
from 30th St to Ohio Connect
with Ohio St main.

		H.I.			
B.M.	2.04	369.36		367.32	
			9.81	359.50	
			6.22	363.14	
				361.14	
12+95.4 West Line of 30th			4.7	364.6	359.50
13					359.00
+50			3.88	365.48	359.20
+75					359.00
14			5.44	363.92	359.16
+50			5.14	364.22	359.48
15			5.54	363.82	359.80
+50			5.56	363.80	360.12
16			5.14	364.22	360.44
+50			6.2	363.16	360.76
17			4.93	364.43	361.08

+24 Connection of wood pipe to 361.23

Ohio St wood pipe line

61.14
595
4.286) 1.640 (.38
12858
35420

17+24
12+95.4
428.6

4.286
4
17.144

595
61.21

4046
4
16184

595
61.12

17+24
13+75
349) 2210 (.63
2094
1160

5.1

349
.64
1396
2094
22336

6.3

359
2.23

4.8

4.7

325
223
975
650
650
72475

4.0

3.7

3.8

32

325
64
1300
1950
20800

2.4

3.3

196

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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