No. 1

UNIVERSITY AVENUE.

186

400 LEVEL

F.B. 186

186

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
0		0		0		0	
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.

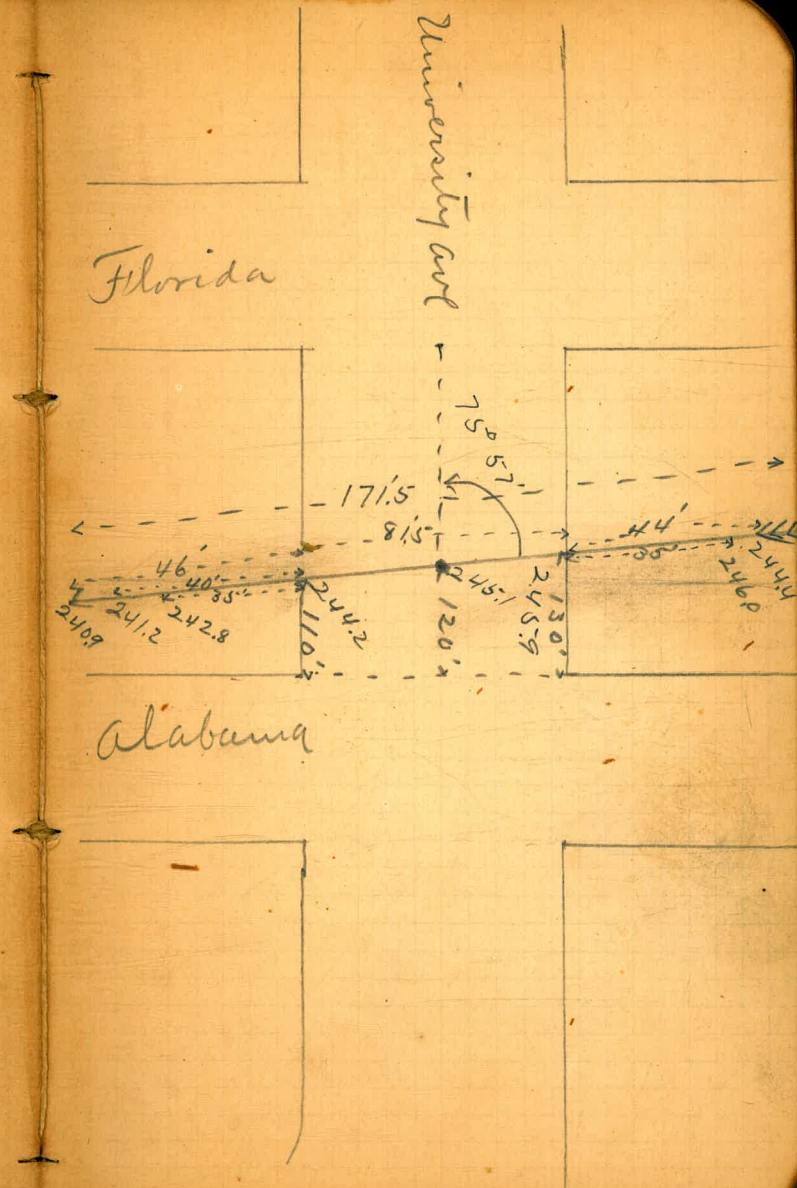
186

4.19
251.26
259.45
0.77
258.68
12.31
270.99
1.15
269.84
12.03
281.87

186

Park boulevard
Georgia
Florida
Alabama

Breaks in grade:
60 ft E of Alabama
140 " " " "


University Ave
Florida
Alabama
75° 57'
171.5
81.5
46'
40'
35'
44'
35'
240.9
241.2
242.8
244.2
110'
245.1
120'
245.9
130'
246.0
244.4

33.5

325.7

5/29/05 {Hatch Wetmore 9 Somos

University Ave.

from East Line of Univ. Boulevard.

	8.19	310.15		301.96	
E. Line Boulevard.					
N			7.7		302.5
Cb.			7.9		302.3
1/4			8.2		302.0
C	86.8		8.0		302.2
1/4			8.7		301.5
Cb.			8.1		302.1
S.			7.9		302.3
NE Cor. to Pt. 33.8 E. of SE Cor.					
S			7.6		302.6
Cb.			7.9		302.3
1/4			7.9		302.3
C			7.2		303.0
1/4			8.0		302.2
Cb			7.5		302.7
N.			7.7		302.5

310.15

25 ft E of Boulevard.

N	6.6	303.6
Cb.	7.0	303.2
1/4	7.3	302.9
C	6.9	303.3
1/4	7.6	302.6
Cb.	7.5	302.7
S	8.1	301.1

50 ft E of Boulevard

S	7.0	303.2
Cb.	6.9	303.3
1/4	7.4	302.8
C	6.2	304.0
1/4	6.9	303.3
Cb	6.1	304.1
N	5.9	304.3

310.15

75 ft E of Boulevard.

N	5.4	304.8
Cb.	5.9	304.3
1/4	6.2	304.0
C	5.8	304.4
1/4	6.6	303.6
Cb.	6.7	303.5
S	6.6	303.6

100 ft. E of Boulevard.

S	5.7	304.5
Cb.	5.8	306.4
1/4	6.2	304.0
C	5.4	304.8
1/4	5.6	304.6
Cb.	5.2	305.0
N	4.9	305.3

310.15

125 ft E of Boulevard

N	4.3	305.9
cb	4.4	305.8
1/4	5.3	304.9
C	5.0	305.2
1/4	5.7	304.5
cb	3.2	305.0
S	5.7	304.5

150 ft E of Boulevard

S	3.6	304.6
cb	4.7	304.5
1/4	4.9	305.3
C	3.9	306.3
1/4	4.6	305.6
cb	3.8	306.4
N	3.8	306.4

310.15

175 ft E of Boulevard

N	3.2	307.0
cb	2.8	307.4
1/4	3.9	306.3
C	3.5	306.7
1/4	4.5	305.7
cb	4.6	305.6
S	5.3	304.9

200 ft E of Boulevard

S	4.0	305.6
cb	3.8	306.4
1/4	3.7	306.5
C	2.7	307.5
1/4	2.1	307.1
cb	2.3	307.9
N	2.0	308.2

310.15

225 E of Boulevard

N		1.5	308.7
cb		1.6	308.6
1/4		2.4	307.8
C		2.1	308.1
1/4		2.9	307.3
cb.		3.3	306.9
S		3.5	306.7

250 E of Boulevard

S		2.9	307.3
cb.		2.5	307.7
1/4		2.7	307.5
C		1.7	308.5
1/4		2.3	307.9
cb.		1.7	308.5
N		1.9	308.3
T.P.	1.64	310.00	1.79	308.36

310.00

275 E of Boulevard

N		2.3	307.7
cb.		2.2	307.8
1/4		2.2	307.8
C		1.7	308.3
1/4		2.2	307.8
cb.		1.7	308.3
S		1.8	308.2

300 E of Boulevard

S		1.8	308.2
cb.		1.9	308.1
1/4		2.9	307.1
C		2.5	307.5
1/4		3.0	307.0
cb.		3.0	307.0
N		2.9	307.1

310.00

325-I E of Boulevard - W. line (Center St.)

N	4.1	305.9
ab	4.2	305.8
1/4	4.5	305.5
C	3.6	306.4
1/4	4.7	305.3
ab	3.4	306.6
S	2.9	307.1

86.9 widest of Ct. Court on line of Avenue

West Curb - Center St.

S	4.0	306.0
ab	4.2	305.8
1/4	5.4	304.6
C	4.8	305.2
1/4	5.7	304 3
ab	5.4	304.6
N	5.4	304.6

310.00

West 1/4 - Center St.

N	6.5	303 5
ab	6.0	304.0
8	5.9	304.1
1/4	6.6	303.4
C	5.8	304.2
1/4	6.3	303.7
S	5.3	304.7
ab	5.1	304.9
S	5.4	304.6

Center - Center St

S	6.8	303.2
ab	6.4	303.6
8	6.4	303.6
1/4	7.1	302.9
C	6.6	303.4
1/4	7.3	302.7

310.00

S		6.9	303.1
Cb		7.0	303.0
N		7.1	302.9
E 1/4 Center St			
N		8.1	301.9
Cb		7.7	302.3
8		7.7	302.3
1/4		7.9	302.1
C		7.3	302.7
1/4		7.7	302.3
S		7.1	302.9
Cb		7.2	302.8
S		7.4	302.6
E Curb - Center St.			
S		8.2	302.8
Cb		7.7	302.3
10		8.0	302.0

310.00

1/4		9.2	300.8
C		8.5	301.5
1/4		9.0	301.0
3		9.0	301.0
Cb		8.6	301.4
N		8.8	301.2
E line - Center St.			
N		9.1	300.9
Cb		9.5	300.5
10		10.3	299.7
1/4		9.6	300.4
C		9.0	301.0
1/4		9.7	300.3
10		9.0	301.0
Cb		8.5	301.5
S		9.0	301.0

310.00

25' E of Center

S	11.1	298.9
Sb.	11.1	298.9
10	11.8	298.2
1/4	11.4	298.6
C	10.6	299.4
1/4	11.1	298.9
3	10.2	299.8
Nb.	9.6	300.4
N	10.0	300.0

50' E of Center

N	11.4	298.6
Nb.	11.0	299.0
1/4	11.8	298.2
C	11.6	298.4
1/4	12.4	297.6
Sb.	12.3	297.7

310.00

S.			12.0	298.0
T.P.	245 75	299.95 E. of	12.50	297.50 Center
S			3.6	296.4
Sb.			3.5	296.5
1/4			3.7	296.3
C			2.7	297.3
1/4			3.2	296.8
10			2.3	297.7
Nb.			2.2	297.8
N.			0.8	299.2

100 E of Center

N.	3.4	296.6
Nb.	3.8	296.2
1/4	4.1	295.9
C	3.7	296.3
1/4	5.1	294.9
Sb.	4.5	295.5

29995

S	5.6	296.4

125 E of Center

S	7.4	292.6
Ab.	6.7	293.3
1/4	6.0	294.0
C	4.8	295.2
1/4	5.1	294.9
Ab.	5.0	295.0
N	3.8	296.2

150 E of Center

N.	6.1	293.9
Ab.	6.4	293.6
1/4	5.8	294.2
C	5.2	294.8
1/4	6.2	293.8
S	7.8	292.2
Ab.	9.1	290.9

S	10.1	289.9

175 E of Center

S	6.1	293.9
Ab.	6.4	293.6
1/4	5.8	294.2
C	5.3	294.7
1/4	5.7	294.3
Ab.	5.5	294.5
N	4.2	295.8

200 E of Center

N.	3.9	296.1
Ab.	4.6	295.4
1/4	4.9	295.1
C	4.6	295.4
1/4	5.5	296.5
Ab.	6.1	293.9
S	6.6	293.4

299.95

225' E of Center

S		5.7	294.3
Sb		5.0	295.0
1/4		4.4	295.6
C		3.7	296.3
1/4		4.2	295.8
Nb		3.9	296.1
N		3.5	296.5

250 E of Center

N		2.3	297.7
Nb		2.2	297.8
6		2.1	297.9
1/4		3.0	297.0
C		2.5	297.5
1/4		3.2	296.8
S		2.4	297.6
Sb		2.6	297.4

299.95

S		3.6	296.4

2679 E of (Center). E. cor Blk 192

S		1.9	298.1
Sb		2.0	298.0
8		1.6	298.4
1/4		2.3	297.7
C		1.3	298.7
1/4		1.9	298.1
8		0.4	299.6
Nb		0.7	299.3
N		0.3	299.7
T.P	10.90	310.47	0.38	299.57

275' E of Center

N		10.1	300.4
Nb		10.9	299.6
6		10.8	299.7
1/4		12.2	298.3

310+47

C	11.6	298.9
1/4	12.6	298.9
6	11.1	299.4
Ab.	11.9	298.6
S.	12.3	298.2
300 E of Center		
S	12.9	297.6
Ab.	11.2	299.3
8	10.2	300.3
1/4	11.5	299.0
C	10.9	299.6
1/4	11.2	299.3
7	10.2	300.3
Ab.	9.6	300.9
N	9.1	301.4
325 E of Center		
N	9.7	300.8

310+47

Ab.	9.9	300.6
1/4	9.9	300.6
C	9.5	301.0
1/4	10.6	299.9
Ab.	12.6	297.9
S.	13.0	297.5
350 E of Center		
S	11.2	299.3
Ab.	10.8	299.7
4	9.7	300.8
C	8.4	302.1
1/4	9.1	301.4
Ab.	9.0	301.5
N.	7.9	302.6
375 E of Center		
N.	6.4	304.1
Ab.	7.2	303.3

		310.47					310.47		
1/4			7.8	302.7	C			3.9	306.6
C			7.2	303.3	1/4			4.6	305.9
1/4			8.2	302.3	S.			4.0	306.5
S.			9.0	301.5	S			4.7	305.8
S			8.9	301.6		450 E of Center			
	400 E of Center				S.			3.1	307.4
S			6.7	303.8	S.			2.7	307.8
S.			7.2	303.3	1/4			2.8	307.7
1/4			6.6	303.9	C			2.5	308.0
C			5.7	304.8	1/4			2.9	307.6
1/4			6.0	304.5	S.			1.4	308.1
S.			5.1	305.4	T.P.	8.97	319.11	0.33	310.14
N			6.3	304.2	N			8.6	310.5
	425 E of Center					472 3/3 E of Center			
N			1.7	308.8	N.			8.3	310.8
S.			4.3	306.2	S.			8.5	310.6
1/4			3.9	306.6				10.1	309.0

		319.11			
C			9.6		309.5
1/4			10.4		308.7
cb			9.8		309.3
S			9.4		309.7
500 8/E of Center - West L. Park Boulevard					
S			7.3		311.8
cb			6.9		312.2
1/4			9.5		309.6
C			8.0		311.1
1/4			8.3		310.8
cb			6.7		312.4
N			6.1		313.0
W Curb Park Boulevard					
N			5.5		313.6
cb			5.9		313.2
1/4			7.3		311.8
C			7.1		312.0

			(86.9 / 204.4)	Centre / Blaine	
		319.11			
1/4			8.0		311.1
cb			6.9		312.2
S			6.9		312.2
W. 1/4 Boulevard					
S			6.9		312.2
cb			6.2		312.9
1/4			6.0		313.1
C			5.7		313.4
1/4			5.4		313.7
cb			4.9		313.2
N			4.7		314.4
C Park Boulevard					
N			3.0		316.1
cb			3.2		315.9
1/4			3.6		315.5
C			4.0		315.1
1/4			3.9		315.2

	319.11		
cb.		3.9	315.2
S.		4.3	314.8
	E 1/4 Boulevard.		
S		3.2	315.9
cb		2.0	316.1
1/a		2.8	316.3
C		2.6	316.5
1/4		2.4	316.7
cb		2.1	317.0
N		1.9	317.2
	E Curb. Boulevard.		
N		2.0	317.1
cb.		2.7	316.4
1/4		2.9	316.2
C		2.9	316.2
1/4		3.2	315.9
cb.		2.4	315.7

Hotel Belmont Thomas 5/29/05 — 3.17.11 Bm. N.E. Cor Park Blvd and Univ Ave —

	319.11		
S		3.3	315.8
	E. Line Park Boulevard.		
S		2.2	316.9
cb.		2.1	317.0
1/a		1.8	317.3
C		1.7	317.4
1/4		1.8	317.3
cb.		0.7	318.4
N		0.4	318.7
11.67	328.78	317.11	
	25ft E Park Boulevard.		
S		9.8	319.0
cb		9.4	319.4
1/4		9.1	319.7
C		9.2	319.6
1/a		9.2	319.6
cb.		7.5	321.3

6/1/05 Hatch
Lambert
Wetmore

328.78

N	7.1	321.7	
50 E. Park Boulevard			
N	5.1	323.7	
cb	5.3	323.5	
1/4	7.2	321.6	
C	7.0	321.8	
1/4	7.5	321.3	
cb.	7.4	321.4	
S	7.4	321.4	
75 E Park Boulevard			
S	4.9	323.9	
cb	5.1	323.7	
1/4	4.9	323.9	
C	4.4	323.4	
1/4	4.2	324.6	
cb.	2.9	325.9	
N	3.0	325.8	

328,78

100 E Park Boulevard			
N	0.8	328.0	
cb.	0.9	327.9	
1/4	1.4	327.4	
C	1.5	327.3	
1/4	1.5	327.3	
cb.	2.3	326.5	
S	1.9	326.9	
TP 1280	341.19	0.39	328.39
125 E Park Boulevard			
S	11.9	329.2	
cb	11.7	329.5	
1/4	11.9	329.2	
C	11.8	329.3	
1/4	11.9	329.3	
cb.	11.1	330.1	
N	11.5	329.7	

34119

(Alley) 140 E Park Boulevard

N	10.6	330.6
C	10.2	331.0
1/4	10.4	330.8
C	10.5	330.7
1/4	10.5	330.7
C	10.4	330.8
S	10.6	330.6

(Alley) 160 E Park Boulevard

S	9.0	332.2
C	8.8	332.4
1/4	8.9	332.3
C	8.9	332.3
1/4	9.3	331.9
C	9.0	332.2
N	9.1	332.1

34119

175 E Park Boulevard

N	7.8	333.4
C	8.0	333.2
1/4	8.9	332.3
C	8.0	333.2
1/4	8.4	332.8
C	8.2	333.0
S	8.3	332.9

200 E Park Boulevard

S	7.6	333.6
C	7.5	333.7
1/4	7.6	333.6
C	6.5	334.7
1/4	7.5	333.7
C	6.7	334.5
N	6.6	334.6

341.19

225 E Park Boulevard

N		5.4	335.8
cb.		5.7	335.5
1/4		6.1	335.1
C		5.0	336.2
1/4		6.0	335.2
cb.		6.1	335.1
S		6.0	335.2

235 E. Park Boulevard

S		5.5	335.7
cb.		6.0	335.2
1/4		6.2	335.0
C		4.8	336.4
1/4		5.6	335.6
cb.		5.0	336.2
N		5.0	336.2

341.19

259 E Park Boulevard

N		4.1	337.1
cb.		4.3	336.9
1/4		4.7	336.5
C		4.2	337.0
1/4		5.1	336.1
cb.		5.0	336.2
S		5.3	335.9

283 E. Park Boulevard

S		4.1	337.1
cb.		3.9	337.3
1/4		4.1	337.1
C		3.4	337.8
1/4		3.8	337.4
cb.		3.2	338.0
N		3.8	337.4
BM.	Hub N.W. Cor. Georgia	4.00	337.19

341.19

Georgia -

200 E. Park Boulevard. - W line

N	4.0	337.2
cb.	2.8	337.4
1/4	2.9	337.3
C	2.9	338.3
1/4	3.8	337.4
cb.	3.5	337.7
S	3.9	337.3

207 E Park Boulevard

S	3.4	337.8
cb.	3.1	338.1
1/4	3.4	337.8
C	2.8	338.4
1/4	3.8	337.4
cb.	3.8	337.4
N	3.8	337.4

341.19

W Cb. Georgia

N	3.1	338.1
	3.6	337.6
	3.8	337.4
C	2.8	338.4
	3.1	338.1
	2.9	338.3
S	2.7	338.5

W 1/4 Georgia

S	2.8	338.4
	2.6	338.6
	3.0	338.2
C	2.8	338.4
	3.6	337.6
	3.5	337.7
N	2.5	338.7

341.19

320 E Park Boulevard

N	2.7	338,5
	2.6	337.6
	2.5	337.7
C	2.8	338,4
	3.0	338,2
	2.5	338.7
S	2.7	338,5

Enter Georgia

S	2.6	338,6
	2.4	338,8
	2.0	338,2
C	2.7	338,5
	3.2	338,0
	2.5	337.7
N	3.2	338,0

341.19

E 1/4 Georgia – 353 E Park Boulevard

N	3.3	337,9
	3.2	338,0
	3.0	338.2
C	2.6	338,6
	2.5	338,7
	1.6	339 6
S	2.1	339.1

E Curb Georgia

S	2.2	339 0
	2.0	339.2
	2.6	338 6
C	2.4	338.8
	2.6	338,6
	2.8	338.4
N	2.8	338,4

341.19

377 E Park Boulevard

N	2.6	338.6
	2.4	338.8
	2.0	339.2
C	2.2	339.0
	2.6	338.6
	2.4	338.8
S	2.4	338.8

E line Georgia —

S	2.4	338.8
	2.5	338.7
	2.4	338.8
C	2.2	339.0
	1.9	339.3
	2.5	338.7
N	2.6	338.6

341.19

21' E. Georgia

N	2.7	338.5
	2.6	338.6
	2.4	338.8
C	2.4	338.8
	2.6	338.6
	2.5	338.7
S	2.6	338.6

45' E Georgia (End of Vertical Curve)

S	2.8	338.4
	2.9	338.3
	3.1	338.1
C	3.3	337.9
	3.6	337.6
	3.5	337.7
N	2.4	337.8

341.19

50 E Georgia

N	3.7	337.5
	3.6	337.6
	3.6	337.6
C	3.6	337.6
	3.5	337.7
	2.9	338.3
S	2.9	338.3

75 E Georgia

S	4.6	336.6
	4.7	336.4
	5.2	336.0
C	5.4	335.8
	5.4	335.8
	5.6	335.6
N	6.4	334.8

341.19

100 E Georgia

N	12.4	328.8
	12.2	329.0
	11.2	330.0
C	11.3	329.9
	10.7	330.5
	10.0	331.2
S	9.4	331.8

T.P. 0.37 328.59 12.97 328.22

125 E Georgia

S	1.3	327.3
	2.4	326.2
	3.2	325.4
C	2.9	325.7
	5.1	323.5
	5.9	322.7
N	6.1	322.5

328.59

140 E Georgia

S		4.8	323.8
		6.2	322.4
		6.6	322.0
C		7.4	321.2
		9.4	319.2
		9.5	319.1
N		9.5	319.1

160 E Georgia

S		10.0	318.6
cb		11.3	317.3
1/4		12.7	315.9
C		13.5	315.1
T.P.	1.13 316.96	12.76	315.83
1/4		2.4	313.6
cb		4.1	312.9
N		4.6	312.4

316.96

175 E Georgia

N	8.0	309.0
	7.5	309.5
	6.1	310.9
C	5.9	311.1
	4.5	312.5
	3.4	313.6
S	2.2	314.8

200 E Georgia

S	7.7	309.3
	8.8	308.2
	10.2	306.8
C	11.4	305.6
	11.9	305.1
	13.1	304.9
N	13.5	303.5

316.96

217 E Georgia

N		10.4	306.6
cb		10.6	306.4
1/4		12.4	305.6
C		13.2	304.8
1/4		12.8	304.2
cb		11.6	305.4
S		10.2	306.8

225 E Georgia

S		11.6	305.4
		11.9	305.1
		11.2	305.8
C		10.3	306.7
		11.1	305.9
		11.5	305.5
N		13.3	303.7

316.96

240 E Georgia

S			10.8	306.2
			11.5	305.5
			14.2	302.8
T.P.	0.43	305.62	11.77	305.19
C			4.7	301.9
			5.9	299.7
			6.7	298.9
N			7.4	298.2

250 E Georgia

N		8.9	296.7
		8.7	296.9
		7.7	297.9
C		6.9	298.7
		5.5	300.1
		4.6	301.0
S		3.5	302.1

305.62

295 E Georgia

S		7.5	298.1
		7.1	298.5
		8.4	297.2
C		10.2	295.4
		11.3	294.3
		12.4	293.2
N		12.9	292.7

300 E Georgia – W. line Florida

S			12.3	293.3
cb.			11.9	293.7
1/4			12.5	293.1
T.P.	0.15	294.26	11.51	294.11
C.			3.1	293.2
1/4			4.0	290.3
cb.			4.7	289.6
N			4.6	289.7

294.26

W cb. Florida

N.	6.6	287.7
cb.	6.7	287.6
1/4	6.4	287.9
C	5.8	288.5
1/4	4.3	290.0
cb.	3.6	290.7
S.	3.0	291.3

W 1/4 Florida

S	7.0	287.3
	7.0	287.3
	7.2	287.1
C	7.7	286.6
	8.1	286.2
	8.1	286.2
N	8.1	286.2

341
279.06
BM NE Hub
Florida St

294.26

Center Florida St.

N	10.2	284.1
	10.3	284.0
	10.0	284.3
C	10.2	284.1
	10.1	284.2
	10.0	284.3
S	10.2	284.1

E 1/4 Florida

S	12.6	281.7
	12.2	282.1
	12.0	282.3
C	11.7	282.6
	11.3	283.0
	11.3	283.0
N	11.6	282.7

T.P. 0.88 282.47 12.67 281.59

282.47

E Curb: Florida

N	1.3	281.2
	1.1	281.4
	1.4	281.1
C	1.9	280.6
	2.4	280.1
	2.5	280.0
S	2.5	280.0

E line Florida

S	5.4	277.1
	5.2	277.3
	4.7	277.8
C	4.0	278.5
	3.7	278.8
	3.2	279.3
N	3.4	279.1

28247

25 E Florida

N		7.1		275.4
		7.6		274.9
		8.0		274.5
C		8.7		273.8
		9.4		273.1
		10.3		272.2
S		11.2		271.3

50 E Florida

N		12.7		269.8
cb.		12.8		269.7
T.P.	0.15	26966 12.96	269.51	
1/4		1.2		268.5
C		1.3		268.4
1/4		1.8		267.9
cb		2.7		267.0
S		3.3		266.4

26966

65 E. Florida

N	7.4		262.3
	7.4		262.3
	6.3		263.4
C	5.4		264.3
	4.9		264.8
	5.4		264.3
S	5.8		263.9

75 E. Florida

S	7.5		262.2
	7.5		262.2
	8.4		261.3
C	10.0		259.7
	12.2		257.5
	12.8		256.9
N	13.0		256.7

26966

85 E Florida

S.		8.8	260.9
		9.6	260.1
		11.8	257.9
C		13.8	255.9
		16.7	253.0
		17.9	251.8
N		18.0	251.7

100 E Florida

S.		11.3	258.4
T.P.	0.74	257.68 12.72	256.94
ch		2.0	255.7
K		5.0	252.7
C		8.1	249.6
1/4		8.6	249.1
ch		8.6	249.1
N		8.3	249.4

25768

120 E. Florida

N		11.0	246.7
		11.2	246.5
		11.6	246.1
C		11.8	245.9
		11.1	246.6
		8.1	249.1
S		4.0	253.7

125 E Florida

S		5.0	252.7
		12.8	244.9
		15.2	242.5
C		15.1	242.6
		14.9	242.8
		14.0	243.7
N		12.5	244.2

6/1/05

257.68

140 E Florida

N	12.8	243.9
	13.2	244.5
	13.1	244.6
C	12.9	244.8
	13.5	244.2
	16.0	241.7
S	16.3	241.4

160 E Florida

S	14.2	243.5
	13.5	244.2
	13.0	244.7
C	12.6	245.1
	12.2	245.5
	12.3	245.4
N	12.2	245.5

257.68

175 E Florida

N	11.7	246.0
	12.0	245.7
	12.4	245.3
C	12.9	244.8
	13.2	244.5
	13.8	243.9
S	14.3	243.4

200 E Florida

S	13.6	244.1
	13.2	244.5
	13.2	244.5
C	13.1	243.6
	12.6	245.1
	11.6	246.1
N	11.4	246.3

SW. Sub. Alabama 2.52 255.16

June 3, 1905

H.I. 259.45

225' E. Florida

N. line	10.4	249.1
	11.6	247.9
	12.0	247.5
C	12.6	246.9
	13.5	246.0
	14.4	245.1
S. line	15.3	244.2

230' E. Florida

S. line	15.2	244.3
	14.2	245.3
	12.8	246.7
C	12.2	247.3
	11.5	248.0
	10.8	248.7
N. line	9.8	249.7

Childs
Gunnison

H.I. 259.45

240' E. Florida

N. line	8.5	251.0
	9.3	250.2
	10.7	248.8
C	11.4	248.1
	12.1	247.4
	13.0	246.5
S. line	14.5	245.0

250' E. Florida

S. line	12.6	246.9
	11.7	247.8
	11.1	248.4
C	10.2	249.3
	7.9	251.6
	6.5	253.0
N. line	5.6	253.9

H.I. 259.45

260' E. Florida

N. line	4.5	255.0
	5.6	253.9
	6.1	253.4
C	7.9	251.6
	9.7	249.8
	10.7	248.8
S. line	11.2	248.3

270' E. Florida

S. line	9.4	250.1
	8.0	251.5
	7.0	252.5
C	5.7	253.8
	4.7	254.8
	3.3	256.2
N. line	2.0	257.5

H.I. 259.45

280' E. Florida

N. line	0.5	259.0
—	1.9	257.6
H	2.8	256.7
C	3.8	255.7
H	4.5	255.0
—	6.3	253.2
S. line	7.1	252.4

290' E. Florida

S. line	3.8	253.7
	4.6	254.9
	2.0	257.5
C	1.1	258.4
	0.4	259.1
H.I. 270.99	11.3	258.7
N. line	10.2	260.8

H.I. 270.99

W. line Alabama

N. line	7.7	263.3
	9.3	261.7
	10.1	260.9
C	10.9	260.1
	12.2	258.8
	14.2	256.8
S. line	15.73	255.3

W. curb

S. line	12.5	258.5
	11.2	259.8
	9.9	261.1
C	8.9	262.1
	7.5	263.5
	6.0	265.0
N. line	4.4	266.6

H.I. 270.99

W. ¼

N. line	3.0	268.0
	3.9	267.1
	5.0	266.0
C	6.0	265.0
	7.2	263.8
	8.9	262.1
S. line	10.1	260.9

Center Alabama

S. line	8.5	262.5
	7.0	264.0
	6.0	265.0
C	5.0	266.0
	3.8	267.2
	3.0	268.0
N. line	2.4	268.6

H.L. 270.99
E. 1/4

N. line		2.0	269.0
		2.7	268.3
		3.7	267.3
C		4.3	266.7
		5.4	265.6
		6.3	264.7
S. line		7.8	263.2
	E. Curb		
S. line		7.7	263.3
		6.1	264.9
		5.0	266.0
C		4.1	266.9
		3.3	267.7
		2.5	268.5
N. line		1.8	269.2

H.I. 270.99
E. line Alabama

N. line		0.7	270.3
		2.1	268.9
		3.1	267.9
C		4.3	266.7
		4.9	266.1
		6.3	264.7
S. line		7.7	263.3
W. line Bryant.			173' Street
S. line		15.73	255.26
		14.2	256.8
		12.2	258.8
C		10.9	260.1
		10.1	260.9
		9.3	261.7
N. line		7.7	263.3

H.I. 270.99
W. Curb

N. line	3.4	267.6	
	4.5	266.5	
	5.8	265.2	
C	7.2	263.8	
	8.5	262.5	
	10.1	260.9	
S. line	11.1	259.9	
W. ¼			
S. line	7.8	263.2	
	6.2	264.8	
	5.3	265.7	
C	4.3	266.7	
	3.6	267.4	
	2.7	268.3	
N. line	1.8	269.2	

H.I. 270.99
Center Briant

N. line	0.4	270.6	
	1.9	269.1	
	3.2	267.8	
C	4.3	266.7	
	5.0	266.0	
	6.2	264.8	
S. line	7.4	263.6	
E. ¼			
S. line	8.8	262.2	
	6.8	264.2	
	5.6	265.4	
C	4.3	266.7	
	3.4	267.6	
	2.2	268.8	
N. line	1.2	269.8	

H.I. 270.99
E. Curb

N. line	2.1	268.9	
	3.1	267.9	
	4.0	267.0	
C	5.3	265.7	
	7.1	263.9	
	9.0	262.0	
S. line	12.9	258.1	

E. line Briant

S. line	15.0	256.0	
	11.6	259.4	
	9.1	261.9	
C	6.7	264.3	
	5.5	265.5	
	4.4	266.6	
N. line	3.1	267.9	

H.I. 270.99
60' E. Alabama

N. line	1.5	269.5	
	2.6	268.4	
	3.6	267.4	
C	4.8	266.2	
	6.5	264.5	
	8.2	262.8	
S. line	10.3	260.7	

100' E. Alabama

S. line	14.0	257.0	
	13.1	257.9	
	10.8	260.2	
C	8.3	262.7	
	6.6	264.4	
	5.8	265.2	
N. line	3.9	267.1	

H.I. 270.99

118' E. alabama

N. line	6.1	264.9
	6.3	264.7
	7.8	263.2
¼+7'	10.7	260.3
C	10.9	260.1
	9.5	261.5
	9.0	262.0
S. line	7.9	263.1

125' E. alabama

S. line	6.3	264.7
	7.1	263.9
	8.1	262.9
C	10.4	260.6
C+9	7.7	263.3
	6.6	264.4
	4.8	266.2
N. line	3.6	267.4

H.I. 270.99

140' E. alabama

N. line	2.4	268.6
	3.7	267.3
	5.6	265.4
C	9.0	262.0
C+8'	7.3	263.7
	6.4	264.6
	5.3	265.7
S. line	4.0	267.0

160' E. alabama

S. line	2.2	268.8
	3.3	267.7
	4.7	266.3
C	6.7	264.3
	7.2	263.8
¼+7	3.9	267.1
	2.7	268.3
N. line	1.0	270.0

H.I. 270.99
175' E. alabama

N. line		0.5'	270.5
		2.7	268.3
		6.9	264.1
C		4.2	266.8
		2.7	268.3
		1.5'	269.5
S. line		0.6	270.4

200' E. alabama

S. line	H.I. 281.87	8.6	273.3
		9.1	272.8
		10.5	271.4
C		10.7	271.2
		11.7	270.2
		15.6	266.3
N. line		10.4	271.5

H.I. 281.87
225' E. alabama

N. line	10.7	271.2
N. line + 11'	13.7	268.2
CB	12.1	269.7
	9.3	272.6
C	8.5'	273.5'
	7.8	274.1
	7.3	274.6
S. line	6.6	275.3

250' E. alabama

S. line	4.4	277.5'
	5.4	276.5'
	5.8	276.1
C	5.8	276.1
	7.0	274.9
	10.2	271.7
CB + 5'	12.4	269.5'
N. line	9.2	272.7

N.I. 281.87

275' E. alabama

N. line		8.1		273.8
		5.9		276.0
		4.6		277.3
C		4.1		277.8
		3.1		278.8
		2.4		279.5
S. line		2.4		279.5
W. line Mississippi				
S. line		0.6		281.3
		0.5		281.4
		0.4		281.5
C		0.9		281.0
		2.0		279.9
		2.9		279.0
N. line	Hub N.W. cor.	3.30	278.57	B.M.

6/6/05 Hutchison Evans Sawyer

WEST Curb Line of Mississip

	1293	291.00	278.57	
N'L.		11.9		279.6
—		11.4		280.1
L		10.7		280.8
Ct.		9.9		281.6
L		9.5		282.0
—		9.1		282.4
S. Line		9.4		282.1
WEST 1/4 Line				
So L.		8.7		282.8
—		8.2		283.1
L		9.0		282.5
Ct.		9.2		282.3
L		9.7		281.8
—		10.0		281.5
N'L.		10.8		280.7

Center Line of Mississippi

M'L	29.10	9.9	281.6
—		8.9	282.6
4		8.6	282.9
Ct.		8.4	283.1
4		8.2	283.3
—		7.9	283.6
Ls L		7.9	283.6

(43.3 East of West Line of Miss) West Line Lands

Ls L.		7.7	283.8
—		7.8	283.7
4		8.0	283.5
Ct.		8.0	283.5
4		8.2	283.3
—		8.7	282.8
M'L.		9.5	282.0

East 1/4 at Mississ

M'L		8.5	283.0
—		8.1	283.4
4		7.8	284.0
Ct.		7.4	284.4
4		7.6	283.9
—		7.2	284.3
Ls L		6.6	284.9

West Cort of Lands

Ls L		6.5	285.0
—		6.8	284.7
4		7.1	284.4
Ct.		7.1	284.4
4		7.4	284.1
—		7.7	283.8
M'L.		8.2	283.3

285.95
CVV
19189

East Cut of Mississippi

M°L	29N0	7.5	284.0
—		7.3	284.2
4		7.3	284.2
Ct.		6.9	284.6
4		6.6	284.9
—		6.6	284.9
Do L.		6.4	285.1

West 1/4 of Landes.

Do L		6.3	285.2
—		6.3	285.2
4		6.4	285.1
Ct.		6.5	285.0
4		6.8	284.7
—		7.1	284
M°L.		7.1	284.2

East Line of Mississippi

M°L		6.5	285.0
—		6.5	285.0
4		6.3	285.2
Ct.		6.1	285.4
4		6.8	284 7
—		6.8	284.7
Do L.		5.9	285.6

Center of Landes

Do L		5.6	285.9
—		5.7	285.8
4		5.7	285.8
Ct.		5.9	285.6
4		6.0	285.5
—		6.1	285.4
M°L.		6.4	285.1

East 1/4 Line of Landis

No L.	291.50	5,3	286.2
—		5,4	286.1
4		5,2	286.3
Ct.		4,9	286.6
4		4,9	286.6
—		5,0	286.5
So L.		5,0	286.5

East Curb of Landis

So L.		4,5	287.0
—		4,4	287.1
4		4,6	286.9
Ct.		4,5	287.0
4		4,6	286.9
—		4,6	286.9
No L.		4,6	286.9

(~~36~~ 43.0' East of Mississ) East Line of Landis

No L.		4,1	287.4
—		4,0	287.5
4		4,3	287.2
Ct.		4,3	287.2
4		4,1	287.4
—		3,9	287.6
So Line		4,0	287.5

75' East of Mississippi

So L		2,9	288.6
—		2,9	288.6
4		3,1	288.4
Ct.		3.2	288.3
4		3,2	288.3
—		2,5	289.0
No L.		2.8	288.7

100' East of Mississ

M°L		291.50	1,9	289,6
—			2,1	289,4
4			2,3	289,2
Cx.			2,1	289,4
4			1,8	289,7
—			2,3	289,2
Ab L.			2,5	289,0
	11,47	300,74	2,73	289,27

125' East of Mississ

Ab L			10,9	289,8
—			10,8	289,9
4			10,9	289,8
Cx.			10,6	290,1
4			10,6	290,1
—			10,5	290,2
M°L.			9,9	290,8

140' East of Mississ

M°L		300,74	9,6	291.1
—			10,1	290,6
4			9,9	290,8
Cx.			10,1	290,6
4			10,4	290,3
—			10,4	290,3
Ab L			10,5	290.2

160' East of Mississ

Ab L			10,0	290,7
—			9,4	291 3.
4			9,6	291.1
Cx			9,4	291,3
4			9,3	291,4
—			9,1	291,6
M°L.			9,1	291,6

175' East of Missis

M°L.	30.74	8,5	292 2
—		8,7	292.0
+		8,7	292.0
Ct.		8,8	291,9
+		9,2	291,5
—		9,2	291,5
Ao L.		9,5	291,2

200' East of Missis

Ao L.		8,7	292,0
—		8,6	292 1
+		8,0	292.7
Ct.		8,1	292.6
+		8,0	292.7
—		7,7	293.0
M°L.		7.6	293.1

225' East of Missis

M°L.		6,8	293 9
—		7,1	293.6
+		7,2	293.5
Ct.		7,2	293.5
+		7,3	293.4
—		7,6	293.1
Ao L.		7,8	292.9

250' East of Missis

Ao L		7.0	293.0
—		6,9	293 8
+		6,7	294.0
Ct		6,7	294.0
+		6.5	294.2
—		6,3	294.4
M°L		6.0	294.7

275' East of Mississippi

M°L	300.77	5,4	295.3
—		5,6	295.1
+		5,7	295.0
Ct.		5,8	294.9
+		5,8	294.9
—		5,7	295.0
Ro L.		6,1	294.6

(293.6 East of Mississ) West Line of Skinner

~~Ro L.~~		5,5	295.2
—		5,2	295.5
+		4,9	295.8
Ct.		5,1	295.6
+		5,0	295.7
—		4,9	295.8
M°L.		4,2	296.5

(300) West Line of Louisiana

M°L.		4,9	296.7
—		4,6	296.1
+		5,0	295.7
Ct.		4,8	295.9
+		4,8	295.9
—		5,2	295.5
Ro L.		5,3	295.4

West Cuvo of ~~Louisiana~~ Skinner

Ro L.		4,9	295,8
—		4,6	296.1
+		4,5	296.2
Ct.		4,5	296.2
+		4,5	296.2
—		4,2	296.5
M°L.		3,9	296.8

WEST Curb of Louisiana

N°2	300.74	3.8	296.9
—		4.0	296.7
4		4.0	296.7
Ct.		3.9	296.8
4		4.1	296.6
—		4.5	296.2
So 2.		4.7	296.0

WEST 1/4 of Skinner

So 2.		4.3	296.4
—		4.1	296.6
4		3.7	297.0
Ct.		3.8	296.9
4		3.5	297.2
—		3.7	297.0
N°2.		3.6	297.1

WEST 1/4 of Louisiana

N°2.	3.2	297.5
—	3.3	297.4
4	3.4	297.3
Ct.	3.4	297.3
4	3.6	297.1
—	4.0	296.7
So 2.	4.0	296.7

Center line of Skinner

So 2.	3.7	297.0
—	3.7	297.0
4	3.4	297.3
Ct.	3.2	297.5
4	3.1	297.6
—	3.1	297.6
N°2.	2.8	297.9

Center Line of Louisiana

11th L	300.74	2.2	298.2
—		2.7	298.0
4		2.8	297.9
Ct.		2.8	297.9
4		2.8	297.9
—		3.1	297.6
12th L.		3.3	297.4

East 1/4 of Louisiana

11th L.		1.8	298.9
—		2.1	298.6
4		2.2	298.5
Ct.		2.2	298.5
4		2.7	298.0
—		2.7	298.0
12th L.		2.5	298.2

East 1/4 of Skinner

12th L.		3.0	297.7
—		2.8	297.9
4		2.7	298.0
Ct.		2.5	298.2
4		2.6	298.1
—		2.5	298.2
11th L.		2.0	298.7

East Cent Line of Skinner.

12th L.		2.1	298.6
—		2.0	298.7
4		1.9	298.8
Ct		1.9	298.8
4		1.9	298.8
—		1.7	299.0
11th L.		1.5	299.2

300.45

East Curt of Louisiana

M°L.		300,74	1,1	299.6
—			1,2	299.5
4			1,3	299.4
Ct.			1,3	299.4
4			1,6	299.1
—			1,6	299.1
So L.			1,7	299.0

East Line of Stevens

So L.			1,3	299.4
—			1,1	299.6
4			1,0	299.7
Ct.			0,9	299.8
4			0,8	299,9
—			0,7	300.0
M°L.			0,6	300.1
			0,17	300.57
	12,04	312,49		300,45

East Line of Louisiana

M°L		312,49	12,0	300,5
—			11,8	300.7
4			12,2	300 3
Ct.			12,2	3003
4			12,4	299.9
—			12,6	299.9
So L			12,7	299.8

25' East of Louisiana

L L			10,7	301,8
—			10,8	301.7
4			10,4	302.1
Ct			10,3	302.2
4			10,0	302.5
—			10,0	302,5
M°L.			10.1	302.4

50' East of Low

No 2	312,49	8,8	304,2
—		8,2	304,3
4		7,9	304,6
Ct.		7,9	304,6
4		8,5	304,0
-		8,7	303,8
No 2.		9,2	303,3

75' East of Low

No 2.		7,5	305,0
—		7,3	305,2
4		7,3	305,2
Ct.		6,8	305,7
4		6,9	305,6
—		6,8	305,7
No 2		6,8	305,7

100' East of Low.

No 2.		5,2	307,3
—		5,3	307,2
4		5,0	307,5
Ct.		5,3	307,2
4.		5,7	306,8
—		5,9	306,6
No 2.		6,0	306,5

125' East of Low.

No 2		4,2	308,3
—		4,3	308,2
4		4,0	308,5
Ct.		4,0	308,5
4		3,7	308,8
—		3,6	308,9
No 2.		3,6	308,9

140' East of St Louis.

No 2	312,49	3,0	309.5
—		3,1	309.4
4		2,6	309.9
Ch.		3,0	309.5
4		3,3	309.2
—		3,2	309.3
No 1.		3,5	309.0

160' East of St Louis

No 2		2,7	309,8
—		2,6	309.9
4		2,6	309.9
Ch.		2,5	310.0
4		2,4	310,1
—		2.2	310,3
No 1.		2.3	310.2

175' East of St Louis.

No 2.		1,7	310, 8
—		1,6	310.9
4		1,5	311, 0
Ch.		2,1	310.4
4		2,1	310.4
—		2,1	310.4
No 1.		2,7	310.3

200' East of St Louis

No 2		1,2	311,3
—		1,0	311.5
4		0,9	311.6
Ch.		0,9	311,6
4		0.8	311,7
—		0,0	312,5
No 1.		0.5	312,0
	8.01	319.91	0.59	311.90

225' East of Louis

M°L.	31991	7,1	312.8
—		7,2	312.7
4		7,6	312.3
Ct.		7,5	312.4
4		7,8	312.1
—		7,9	312.0
Ao L.		7,9	312.0

(2 4/3.4 East of Louis) West Line of Pauly

Ao L.	7,2	312.7
—	7,3	312.6
4	7,1	312.8
Ct.	7,1	312.8
4	7,1	312.8
—	6,8	313.1
M°L.	6.5	313.4

West Cust of Pauly

M°L.	6,2	313.7
—	6,4	313.5
4	6,5	313.4
Ct.	6,5	313.4
4	6,5	313.4
—	6,6	313.3
Ao L.	6,7	313.2

West 1/4 Line of Pauly

Ao L.	6,5	313.4
—	6,2	313.7
4	6,3	313.6
Ct.	6,3	313.6
4	6,1	313.8
—	6,0	313.9
M°L.	5.8	314.1

Center Line of Pauly

M°L	319.91	V,V	314,4
—		V,V	314,4
4		V,V	314,4
Ct.		V,8	314,1
4		6,0	313,9
—		6,1	313,8
Ro L		6,1	313,8

East 1/4 Line of Pauly

Ro L	V,8	314,1
—	V,8	314,1
4	V,8	314,1
Ct.	V,6	314,3
4	V,6	314,3
—	V,V	314,4
M°L.	V,3	314,6

(300' East of Louis) West Line of Texas

M°L.	V,2	314,7
—	V,4	314,5
4	V,6	314,3
Ct	V,V	314,4
4	V,8	314,1
—	V,8	314,1
Ro L	V,8	314,1

East Curb Line of Pauly

Ro L	V,V	314,4
—	V,6	314,3
4	V,6	314,3
Ct.	V,3	314,6
4	V,4	314,5
—	V,V	314,4
M°L.	V,2	314,7

West Cut of Texas

No L	319.91	V.1	314.8
—		V,3	314,6
4		V,3	314,6
Cr.		V,3	314,6
4		V,4	314.5
—		V,5	314,4
So L.		V,5	314.4

(23.6 East of W. Z. of Texas) East Line of Pauley

So L.	V,7	314.2
—	V,6	314,3
4	V,4	314.5
Cr.	V,0	314.9
4	V,2	314.7
—	V,1	314.8
No L.	V,2	314.7

West 1/4 of Texas

No L	V,0	314.9
—	V,1	314.8
4	V,1	314.8
Cr.	V,3	314.6
4	V,5	314,4
—	V,6	314.3
So L	V,7	314.2

Center Line of Texas

So L	4,8	315.1
—	4,8	315,1
4	4,9	315,0
Cr.	4,8	315,1
4	4,5	315.4
—	4,3	315.6
No L.	4,1	315.8

Note. from Texas to Arizona 297' ~~315.7~~
Block is 3' Short.

East 1/4 Line of Texas

No L	319.91	4,6	315.3
—		4,8	315.1
4		4,9	315.0
Ct.		5,1	314.8
4		5,1	314.8
—		5,1	314.8
So L.		5,1	314.8

East Curb Line of Texas

So L.		5,0	314.9
—		4,9	315.0
4		4,6	315.3
Ct.		4,6	315.3
4		4,6	315.3
—		4,4	315.5
No L.		4,3	315.6

East Line of Texas

No L.	319.91	4,2	315.7
—		4,4	315.5
4		4,5	315.4
Ct.		4,5	315.5
4		4,8	315.1
—		4,9	315.0
So L.		4,9	315.0

25' East of Texas

So L		5,2	314.7
—		5,1	314.8
4		5,1	314.8
Ct.		5,0	314.9
4		4,7	315.2
—		4,5	315.4
No L.		4,4	315.5

50' East of Texas

M°L.	319,91	5.1	314,8
—		5,1	314,8
+		5,4	314,5
Ct.		5,8	314,1
+		5,8	314,1
—		5,9	314,0
Lo L.		6,0	313,9

75' East of Texas

Lo L.		7,7	312,2
—		7,6	312,3
+		7,4	312,5
Ct.		7,2	312,7
+		6,9	313,0
—		6,5	313,4
M°L.		6,3	313,6

100' East of Texas

M°Lm		7,8	312,1
—		8,0	311,9
+		8,0	311,9
Ct.		8,8	311,1
+		8,9	311,0
—		9,1	310,8
Lo L.		9,1	310,8

125' East of Texas

Lo L.		12,0	307,9
—		11,8	308,1
+		11,5	308,4
Ct.		10,7	309,2
+		10,5	309,4
—		10,1	309,8
M°L.		9,8	310,1
	0,75	309,35	11,31	308,60

137 East of Texas Alley Line Hub

No L.	309.35	0.8	308.6
—		1.2	308.2
4		1.4	308.0
Ct.		2.1	307.3
4		2.4	307.3
—		2.6	306.8
So L.		2.9	306.5

157' East of Texas) Alley Line Hub

So L.		6.0	303.4
—		5.8	303.6
4		5.7	303.7
Ct.		5.5	303.9
4		4.8	304.6
—		4.1	305.3
No Line		3.5	305.9

172' East of Texas

No L.		5.4	304.0
—		6.2	303.2
4		7.1	302.3
Ct.		7.8	301.6
4		7.8	301.6
—		8.4	301.0
So L.		9.1	300.3

(193.6 East of Texas) West Line of Choats.

So L.		11.9	297.5
—		11.3	298.1
4		10.6	298.8
Ct.		9.9	299.5
4		9.2	300.2
—		8.5	300.9
No L.		8.0	301.4

Note Choats St is 83' wide.

West Curb Line of Choats

No L	309.35	8.4	301.0
—		9.0	300.4
4		9.9	299.5
Ct.		10.3	299.1
4		11.3	298.1
—		12.7	296.7
So L.		15.4	294.0

West 1/4 Line of Choats

So L.		13.8	295.6
—		14.3	295.1
1/4		15.7	293.7
Ct.		12.1	297.3
1/4		11.1	298.3
—		9.8	299.6
No L.		9.1	300.3

Center Line of Choats

No L.		10.3	299.1
—		11.0	298.4
4		11.8	297.6
Ct.		12.6	296.8
4		15.4	294.0
—		14.3	295.1
So L.		13.7	295.7

East 1/4 Line of Choats

So L.		12.3	297.1
—		12.4	297.0
4		12.4	297.0
Ct.		14.4	295.0
4		12.7	296.7
—		11.4	298.0
No L.		10.8	298.6

East Curb Line of Choate

No 2	309.3	12.7	296.7
—		12.7	296.7
4		13.0	296.4
Ct.		13.0	296.4
4		11.6	297.8
—		11.7	297.7
So 2		11.9	297.5

East Line of Choate, (20.1 West of Ariz

So 2		11.2	298.0
—		11.2	298.2
4		11.3	298.1
Ct.		10.9	298.5
4		10.6	298.8
—		10.4	299.0
No 2		10.5	298.9

West Line of Arizona

No 2		9.5	299.9
—		10.0	299.4
4		9.9	299.5
Ct.		10.1	299.3
4		9.9	299.5
—		10.2	299.2
So 2		9.7	299.7

West Curb of Arizona

So 2		9.2	300.2
—		9.2	300.2
4		9.6	299.8
Ct.		9.1	300.3
4		9.5	299.9
—		9.4	300.0
No 2		9.1	300.3

West 1/4 Line of Arizona

M°L	309,25	8,7	300,7
—		8,8	300,6
4		9,1	300,3
Ct.		9,1	300,3
4		9,4	300,0
—		9,4	300,0
So L.		9,0	300,4

Center Line of

So L.		8,6	300,8
—		8,9	300,5
4		8,8	300,6
Ct.		8,4	301,0
4		8,2	301,2
—		8,2	301,2
M°Line		8,1	301,3

East 1/4 Line of

M°L		7,6	301,8
—		7,8	301,6
4		8,4	301,0
Ct.		8,3	301,1
4		8,3	301,1
—		8,3	301,1
So L		8,4	301,0

East Curb Line

So L		7,8	301,6
—		7,8	301,6
4		8,3	301,1
Ct.		7,6	301,8
4		7,6	301,8
—		7,9	301,5
M°L.		7,5	301,9
	4,68	307,83	6,70	303,15
			5,42	304,41

East Line of Arizona

No L	307.83	V.4	302.4
—		V.6	302.2
4		V.7	302.1
Ch.		V.8	302.0
4		V.6	302.2
—		V.9	301.9
So L.		V.9	301.9

2.6 East of Arizona (alley line)

So L.		V.3	302.5
—		V.7	302.1
4		V.4	302.4
Ch.		V.1	302.7
4		V.2	302.6
—		V.0	302.8
No L.		V.0	302.8

3.6 East of Arizona (alley line)

No L	307.83	4.4	303.4
—		V.2	302.6
4		V.1	302.7
Ch.		V.3	302.5
4		V.4	302.4
—		V.4	302.4
So L.		V.5	302.3

7 V. East of Arizona

So L		V.1	302.7
—		V.0	302.8
4		4.8	303.0
Ch.		4.7	303.1
4		4.4	303.4
—		4.4	303.4
No L.		4.2	303.6

Drift 6/6/05 Hutchinson Evans Sawyer

University Ave

100' East of Arizona.

N°L		307,83	3,8	304,0
—			4,2	303,6
4			4,0	303,8
Ct.			4,2	303,6
4			4,6	303,2
—			4,9	302,9
So L.			5,1	302,7

125' East of Arizona.

So L.			5,1	302,7
—			4,7	303,1
4			4,4	303,4
Ct.			4,1	303,7
4			3,8	304,0
—			3,8	304,0
N°L.			3,5	304,3
R/M.	8,6	313,50	2,95	304,88

Hudson East Side of alley

Began 6/3/05 Hutchinson Evans Sawyer

140' East of Arizona (alley line.

N°L.		313,50	8,9	304,6
—			9,1	304,4
4			9,4	304,1
Ct.			10,0	303,5
4			9,8	303,7
—			10,0	303,5
So L.			10,6	302,9

160' East of Arizona (alley line

So L.			10,1	303,4
—			10,1	303,4
4			9,4	304,1
Ct.			9,6	303,9
4			9,1	304,4
—			8,9	304,6
N°L			8,6	304,9

1646 East of Arizona (West Line of Armed)

M°L.	313.50	8,7	304.8
—		8,8	304.7
4		9,1	304.4
Ct.		9,7	303.8
4		9,8	303.7
—		10,0	303.5
Do L.		10,0	303.5

West Curt of Armed

Do L.		10,1	303.4
—		9,8	303.7
4		9,7	303.8
Ct.		9,1	304.5
4		9,1	304,5
—		8,6	304.9
M° L.		8.9	304.6

West 1/4 of Armed

M°L.		8,4	305,1
—		8,2	305.3
4		8,8	304.7
Ct.		8,5	305.0
4		9,4	304.1
—		9,5	304,0
Do L.		9,8	303.7

Center Line of Armed

Do L.		9,8	303,7
—		9,5	304.0
4		9,0	304,5
Ct.		8,8	304 7
4		8,3	305,2
—		8,4	305,1
M° L.		8,2	305,3

East ¼ Line of Arnold

M°L	313.20	7,6	305.9
—		8,0	305.5
4		8,3	305.2
Cl		8,6	304.9
4		8,7	304.8
—		8,8	304.7
Sr L.		9,3	304.2

East Curb of Arnold

Sr L.		8,9	304.6
—		8,6	304.9
4		8,4	305.1
Cl		8,4	305.1
4		7,8	305.7
—		7,8	305.7
M°L.		7,4	306.3

(229,6 East of Arizona) East Line of Arnold

M°L.		7,3	306.2
—		7,6	305.9
4		7,8	305.7
Cl		8,1	305.4
4		8,2	305.3
—		8,6	304.9
Sr L.		8,9	304.6

250' East of Arizona

Sr L		8,4	305.1
—		8,3	305.2
4		7,8	305.7
Cl.		7,3	306.2
4		7,0	306.5
—		6,9	306.6
M°L.		6,9	306.6

2 7/5' East of Arizona

11°L	318.50	1,0	308.5
—		2,0	307.5
4		2,3	307.2
Ct.		2,4	307.1
4		2,9	306.6
—		3,8	305.7
Sta		3,7	305.8

(300) West Line of California

Sta L.		3,1	306.4
—		2,8	306.7
4		2,4	307.1
Ct		1,9	307.6
4		1,3	308.2
—		0,8	308.7
11°L.		0,6	308.9

West Curb Line of California

11°L		0,3	309.2
—		0,6	308.9
4		0,9	308.6
Ct.		1,4	308.1
4		2,0	307.5
—		2,5	307.0
Sta L		2,6	306.9

West 1/4 of California

Sta L		2,1	307.4
—		1,8	307.7
4		1,5	308.0
Ct.		0,9	308.6
4		0,3	309.2
—		3,8	309.7
11°L.		3,6	309.9

Center Line of California

M°L	313.0	3,3	310.2
—		3,7	309.8
4		4,0	309.5
Cr.		4,2	309.3
4		5.0	308.5
—		5,1	308.4
Ab L.		5,5	308.0

East 1/4 of California

Ab L		5,0	308.5
—		4,7	308.8
4		4,4	308.1
Cr.		3,7	309.8
4		3,5	310.0
—		2.8	310.7
M°L.		2,6	310.9

4.6' East of West Line of Califor. Valley

Ab		5,0	308.5
—		4,7	308.8
4		4,4	309.1
Cr		3,7	309.8
4		3,5	310.0
—		2,8	310.7
M°L		2,6	310.9

East Curt Line of California

M°L.		2,2	311.3
—		2,7	310.8
4		2,9	310.6
Cr.		3,4	310.1
4		3,7	309.8
—		4,0	309.5
Ab L		4,6	309.9

69.6 East of West Line of Calif (Alley Line)

M.		313.70	2,2	311.3
—			2,7	310.8
4			2,9	310,6
Ct			3,4	310.1
4			3,7	309.8
—			4,0	309.5
Ro L			4,6	308.9

East Line of California

Ro L.			3,9	309.6
—			3,6	309.9
4			3,3	310,2
Ct.			3,0	310,5
4			2,3	311.2
—			1,7	311.8
M L.			1,7	311.8
	11,70	313,35	1,65	311.85

25' East of California

M L.		323,35	9,8	313.6
—			10,6	312.8
4			11,1	312.3
Ct.			11,2	312.2
4			11,8	311.6
—			12,3	311.1
Ro L			12,5	310,9

50' East of Calif

Ro L			10,7	312.7
—			10,4	313.0
4			10,1	313.3
Ct.			9,5	313.9
4			9,2	314.2
—			8,5	314 9
M L.			8,2	315.2

75' East of Calif

No L	3 x 3,35	4,2	317.2
—		4,7	316.7
⊿		7,1	316.3
Ct.		7,5	315.9
⊿		8,0	315.4
—		8,4	315.0
So L.		8,7	314.7

100' East of Calif

So L.		6.6	316.8
—		6,5	316.9
⊿		6,2	317.2
Ct.		5,8	317.6
⊿		5,5	317.9
—		4,5	318.9
No L.		4.2	319.2

1146 East of Arizona (California?) West line of Hamilton

No L.	3.0	320.4
—	3,3	320,1
⊿	3,6	319,8
Ct.	4,2	319.2
⊿	4,6	318,8
—	5,2	318.2
So L.	5,8	317.6

West Curb of Hamilton

So L	4,8	318.6
—	4,0	319.4
⊿	3,6	319,8
Ct.	3,3	320.1
⊿	3,0	320.4
—	2,5	320.9
No L.	1.9	321.2

West 1/4 Line of Hamilton

N°L	323.35	1,1	322.3
—		1,5	321.9
4		2,1	321.3
Ct.		2,2	321.2
4		2,8	320.6
—		3,1	320.3
So L.		3,7	319.7

140 East of Cent (Alley Line

N° L		11	322.3
—		1,5	321.9
4		2,1	321.3
Ct		2,2	321.2
4		2,8	320.6
—		3,1	320.3
So L		3,7	319.7

Center Line of Hamilton

So L		2,8	320.6
—		2,2	321.2
4		1,9	321.5
Ct,		1,5	321.9
4		1,0	322.4
—		0,7	322.7
N° L,		0,5	322.9

East 1/4 Line of Hamilton

[illegible] L	11,91	385.07	0,19	323.16
N° L,			11,3	323.8
—			11,7	323.7
4			11,5	323.6
Ct.			11,9	323.2
4			12,2	322.9
—			12,8	322.3
So L.			13,7	321.4

160' East of Calif. Alley Line

No	335.07	11,3	323.8
—		11,4	323,7
4		11,5	323,6
Ct.		11,9	323.2
4		12,2	323.9
—		12,8	322,3
No L		13,7	321,4

East Curb Line of Hamilton

No L.		13,0	322,1
—		12,4	322.7
4		11,9	323.2
Ct.		11,2	323.9
4		11,3	323,8
—		11,0	324,1
No L.		10,5	324,6

1796 East of Calif. / East Line of

No L.		9,8	325,3
—		10,1	324,0
4		10,2	324,9
Ct.		10,4	324,7
4		10,9	324,2
—		11,5	323 6
No L.		12,2	322 9

200' East of Calif

No L.		10,6	324,3
—		10,0	324 1
4		9,5	325,9
Ct.		9,1	326.0
4		8,6	326,5
—		8,3	326.8
No L.		8,1	326,9

225' East of Calif

M°L	335,07	6,4	328.7
—		6,5	328,6
4		6,8	328,3
Ct.		6,9	328,2
4		7,3	327,8
—		7,8	327.3
Ar L.		8,4	326.7

250' East of Calif

Ar L.		6,4	328,7
—		6,2	328,9
4		4,4	329.7
Ct.		4,9	330,2
4		4,9	330,2
—		4,5	330,6
M°L		4,6	330.5

275' East of Calif

M°L.		2,6	332,5
—		2,7	332,4
4		3,1	3320
Ct.		3,3	331,8
4		3,7	331.4
—		4,7	330.4
Ar L		5,0	330,1

(299) West line of Oregon

Ar L.		3,2	3319
—		2,9	332,2
4		2,0	333.1
Ct.		1,4	333.6
4		1,2	3339
—		0,8	334,3
M°L.		0.7	3344

5.6' East of West Line of Oregon (Alley Line

M°		335.07	0.3	334.8
—			0.5	334.6
4			0.9	334.2
Ct			1.3	333.8
4			1.9	333.2
—			2.6	332.5
So L.			3.1	332.0
	11.04	343.57	2.54	332.53

West Curb of Oregon

So L			11.1	332.5
—			10.5	333.1
4			9.8	333.8
Ct			9.0	334.6
4			8.6	335.0
—			8.2	335.4
M'L.			7.1	335.5

20.6' East of W.L. of Oregon (Alley Line

M°L.		343.57	7.7	335.9
—			8.0	335.6
4			8.4	335.2
Ct.			8.7	334.9
4			9.4	334.2
—			10.1	333.5
So L.			10.6	333.0

West 1/4 of Oregon

So L.			10.2	333.4
—			9.7	333.9
4			8.7	334.9
Ct.			8.2	335.4
4			8.0	335.6
—			7.4	336.2
M°L.			7.2	336.4

Center Line of Oregon

M°L	343.57	6,4	337,2
—		6,7	336,9
4		7,1	336,5
Ct.		7,7	335,9
4		8,3	335,3
—		8,8	334,8
Ao L		9,1	334,5

East 1/4 of Oregon

Ao L		8,2	335,4
—		7,4	336,0
4		7,6	336,2
Ct.		6,9	336,7
4		6,2	337,4
—		5,8	337,8
M°L.		5,6	338,0

East Curb Line of Oregon

M°L.		4,8	338,8
—		5,3	338,3
4		5,8	337,8
Ct.		6,0	337,6
4		6,6	337,0
—		6,7	336,9
Ao L.		7,3	336,3

East Line of Oregon

Ao L		6,4	337,2
—		6,0	337,6
4		5,7	338,0
Ct.		5,4	338,2
4		5,0	338,6
—		4,6	339,0
M°L.		4,4	339,2

2 ½' East of Oregon

M°L	343.57	3,5	340.1
—		3,8	339.8
4		3,6	340.0
Cl.		4,3	339.3
4		4,8	338.8
—		5,2	338.4
No L		5,6	338.0

5' East of Oregon

No L.		4,7	338.9
—		4,4	339.2
4		4,2	339.4
Cl		4,0	339.6
4		3,6	340.0
—		3,3	340,3
M° Lm.		7.8	348.8

6 ½' East of Oregon (West Line of Division)

M°		2,6	341,0
—		2,1	340,5
4		3,1	340,5
Cl		3,5	340,1
4		3,8	339,8
—		3,6	340,0
No L.		4,0	339,6

West Cuit of Division

No L		4,0	339,6
—		3,6	340,0
4		3,5	340,1
Cl.		3,1	340,5
4		2,6	341,0
—		2,7	340,9
M° L		2,1	341,5

West ¼ Line of Driscoll

N°Lns	343.57	2,2	341.4
—		2,3	341.3
4		2,7	340.9
Ct.		3,0	340.6
4		3,0	340.6
—		3,2	340.4
No L.		3,5	3401

Center of Driscoll

No L.		3,8	339.8
—		3,2	340.4
4		2,8	340.8
Ct.		2,6	341.0
4		2,3	341.3
—		1,8	341.8
N°L.		1,5	342.1

East ¼ Line of Driscoll

N°L		1,5	342.1
—		1,5	342.1
4		1,7	341.9
Ct.		2,2	341.4
4		2.6	341.0
—		2,9	340.7
No L.		3,2	340.4

East Cent Line of Driscoll

No L		3,2	340.2
—		2,9	340.7
4		2,5	341.1
Ct.		2,2	341.4
4		1,5	342.1
—		1.1	342.5
N°L.		1.2	342.4
7,60	350.04	1,13	342.44

130.6 East of Oregon (East Line of Driscoll

Mo	350.04	7.7	342.3
—		7.6	342.4
4		8.0	342.0
Ct		8.0	342.0
4		8.4	341.6
—		9.0	341.0
So L.		9.3	340.7

140' East of Oregon (Alley Line

So L.		9.2	340.8
—		9.0	341.0
4		8.4	341.6
Ct.		8.0	342.0
4		7.8	342.2
—		7.8	342.2
Mo L.		7.5	342.5

160' East of Oregon (Alley Line

Mo L.		7.3	342.7
—		7.4	342.6
4		7.3	342.7
Ct.		7.6	342.4
4		7.8	342.2
—		8.3	341.7
So L.		8.3	341.7

175' East of Oregon

So L.		8.4	341.6
—		8.2	341.8
4		7.8	342.2
Ct.		7.4	342.6
4		7.1	342.9
—		7.0	343.0
Mo L.		6.8	343.2

200' East of Oregon

M°L	350.0	6,1	343.9
—		6,6	343.4
4		6,8	343.2
Cr.		6,3	343.7
4		6,9	343.1
—		7,2	342.8
Do L		7.6	342.4

225' East of Oreg

Do L		7,1	342.9
—		6,5	343.5
4		6,3	343.7
Cr.		6,4	343.6
4		5,7	344.3
—		5,9	344.1
M°L		5.7	344.3

275.6 East of Oregon (Alley Line

M°L		5,0	345.0
—		5,3	344.7
4		5,7	344.3
Cr.		5,2	344.8
4		5,7	344.3
—		5,9	344.1
Do L		6,0	344.0

270.6 East of Oregon (Alley

Do L		5,6	344.4
—		5,4	344.6
4		5,2	344.8
Cr.		5,2	344.8
4		4,8	345.2
—		4,7	345.3
M°L		4,6	345.4

(302.4 East of Oregon) West Line of Idaho

No L	350.04	4.2	345.8
—		3.9	346.1
4		4.3	345.7
Ct		4.3	345.7
4		4.4	345.6
—		4.6	345.4
So L		5.0	345.0

West Cust of Idaho

So L		4.5	345.5
—		4.0	346.0
4		4.3	345.7
Ct		4.3	345.7
4		3.9	346.1
—		3.7	346.3
No L		3.6	346.4

West 1/4 of Idaho

No L		3.4	346.6
—		3.4	346.6
4		3.9	346.1
Ct		4.1	345.9
4		4.0	346.0
—		4.4	345.6
So L		4.1	345.9

Center Line of Idaho

So L		4.3	345.7
—		3.9	346.1
4		3.9	346.1
Ct		3.8	346.2
4		3.7	346.3
—		3.4	346.6
No L		3.3	346.7

East ¼ of Idaho

No L	353.04	3,2	346.8
—		3,4	346.6
4		3,4	346.6
Ch.		3,7	346.3
4		3,8	346.2
—		3,5	346.5
So L		3,6	346.4

East Cent of Idaho

So L		3,9	346.1
—		3,2	346.8
4		3,5	346.5
Ch.		3,4	346.6
4		3,8	346.2
—		3,1	346.9
No L		3.1	346.9
	6.07 353.06	3.05	346.99

East Line of Idaho

~~East Line~~ No Line	353.06	6,1	347,0
—		6,0	347.1
4		6,1	347.0
Ch.		6,4	346.7
4		6,1	3470
—		6,7	346.4
So L,		6,4	346.7

13,2 East of Idaho. (~~East~~ West Line of Pemberton

Road Line So		6,3	346.8
—	Ch.	6,3	346,8
4		6,3	346.8
Ch.		6.9	347.1
4		6,3	346.8
—		5,5	347.6
No L		5,5	347.6

Note. East from West Line of Pemberton University ave. is 100' and wider.

13.2 East of Idaho (West Line of Pemberton,

M'Line	Note — 16' Sidewalks.	353.06	5,5	347.6
Cb.			5,5	347.6
1/4			6,3	346.8
Ct.			6,3	346.8
1/4			6,3	346.8
Cb			6,4	346.7
So L.			6,6	346.5

(28.2) Center Line of Pemberton

So L.			6,5	346.6
—			5,9	347.2
1/4			6,4	346.7
Ct.			6,9	346.2
1/4			6,2	347.9
—			5,6	347.5
M'L.			5,6	347.5

43.2 East of Idaho (East Line of Pemberton)

M'L.			5,8	347.3
—			5,5	347.6
4			6,1	347.0
Ct.			5,9	347.2
4			6,2	346.9
—			6,1	347.0
So L.			6,6	346.5

75' East of Idaho

So L.			6,3	346.8
—			6,2	346.9
4			6,0	347.1
Ct.			5,8	347.3
4			5,9	347.2
—			5,4	347.7
M'L			4.9	348.2

100' East of Idaho

No 2.	3.06	4,8	348.3
—		4,7	348,4
4		5,0	348,1
Ct		5,2	347,9
4		5,4	347,7
—		5,9	347,2
No 2.		6,3	346,8

125' East of Idaho

No 2.		5,9	347,2
—		5,7	347,4
4		5,0	348,1
Ct		4,8	348,3
4		4,6	348,5
—		4,6	348,5
No 2		4,4	348,7

140' East of Idaho (alley)

No 2.	4,4	348,7
—	4,7	348,4
4	4,8	348,3
Ct	5,1	347,6
4	5,6	347,5
—	5,3	347,8
No 2.	5,4	347,7

160' East of Idaho (alley)

No 2,	5,1	348,0
—	5,5	347,6
4	5,4	347,7
Ct	5,1	348,0
4	4,9	348,2
—	4,3	348,8
No 2	3,8	349,3

175' East of Idaho

M°L	353.06	4,2	348.9
—		4,5	348.6
4		4,4	348.7
Ct		4,6	348.5
4		5,0	348.1
—		5,4	347.7
So L		5,8	347.3

200' East of Idaho

So L		4,9	348.2
—		5,3	347.8
4		4,5	348.6
Ct		4,8	348.3
4		4,4	348.7
—		4,2	248.9
M°L		3,8	249.3

225' East of Idaho

M°L		4,1	349.0
—		4,5	348.6
4		4,2	348.9
Ct		4,9	348.2
4		4,9	348.2
—		4,9	348.2
So L		5,4	347.7

243.2 East of Idaho (West Line of Winder

So L		5,4	347.7
—		4,8	348.3
4		5,0	348.1
Ct		4,6	348.5
4		3,7	349.4
—		3,9	349.2
M°L		3,6	349.5

West Curb of Winder

No L.	353.06	3.9	349.2
—		3.7	349.4
4		3.8	349.3
Ct.		4.4	348.7
4		4.2	348.9
—		4.3	348.8
So L		5.5	347.6

West 1/4 of Winder

So L		4.6	348.5
—		4.7	348.4
4		4.7	348.4
Ct.		4.1	349.0
4		4.3	348.8
—		4.2	348.9
No Lm		3.8	349.3

Center Lm of Winder

No L.		3.2	349.9
—		3.8	349.3
4		3.8	349.3
Ct.		4.0	349.1
4		4.2	348.9
—		4.9	348.2
So L.		4.9	348.2

East 1/4 of Winder

So L		5.4	347.7
—		4.6	348.5
4		4.5	348.6
Ct.		4.4	348.7
4		3.6	349.5
—		3.6	349.5
No L.		3.0	350.1

West Line of Utah

So L	5,4	347.7
—	4,6	348.5
4	4,5	348.6
Ct	4,4	348.7
4	3,6	349.5
—	3,6	349.5
No L	3,0	350.1

East Curb of Winder

No L	3,1	350.0
—	3,4	349.7
4	3,7	349.4
Ct	4,2	348.9
4	4,1	349.0
—	4,5	348.6
So L	5,2	347.9

West Curb of Utah

No	3,1	350.0
—	3,4	349.7
1/4	3,7	349.4
Ct	4,2	348.9
1/4	4,1	349.0
—	4,5	348.6
So L	5,2	347.9

(23,2 East of West Line of Utah) East Line of Winder

So L	4,9	348.2
—	4,8	348.3
4	4,5	348.6
Ct	3,8	349.3
4	3,7	349.4
—	2,7	350.4
No L	2,9	350.2

University Ave.

West 1/4 of Utah				
So L		353.06	4.9	348.2
—			4.8	348.3
1/4			4.5	348.6
Ct			3.8	349.3
1/4			3.7	349.4
—			2.7	350.4
Mo L			2.9	350.2

Continued in Book 2 Page

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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	26.50	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	71.03	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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