University Hights.

400

LEVEL

F.B. 153

153

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

Minutes	Lks.	Minutes	Lks.	Minutes	Lks.
1	2 1/3	21	49	41	95 2/3
2	4 2/3	22	51 1/3	42	98
3	7	23	53 2/3	43	100 1/3
4	9 1/3	24	56	44	102 2/3
5	11 2/3	25	58 1/3	45	105
6	14	26	60 2/3	46	107 1/3
7	16 1/3	27	63	47	109 2/3
8	18 2/3	28	65 1/3	48	112
9	21	29	67 2/3	49	114 1/3
10	23 1/3	30	70	50	116 2/3
11	25 2/3	31	72 1/3	51	119
12	28	32	74 2/3	52	121 1/3
13	30 1/3	33	77	53	123 2/3
14	32 2/3	34	79 1/3	54	126
15	35	35	81 2/3	55	128 1/3
16	37 1/3	36	84	56	130 1/3
17	39 2/3	37	86 1/3	57	133
18	42	38	88 2/3	58	135 1/3
19	44 1/3	39	91	59	137 2/3
20	46 2/3	40	93 1/3	60	140

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

TABLE FOR RUNNING ON SLOPES.

MICROFILMED
DEC 7 1964

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.

153

April – 1904

University Heights.

Hutchison
For

	6.445	46.445		40.000
B.M.	2.683	47.586	1.542	44.903
B.M.	8.500	54.247	1.839	45.747
	12.308	66.325	0.230	54.017
B.M.	~~0.10~~		4.183	62.142
	10.600	76.819	0.106	66.219
	12.590	89.209	0.200	76.619
B.M.			0.732	88.477
	12.169	101.377	0.001	89.208
	11.045	112.114	0.308	101.069
B.M.			6.862	105.252
B.M.	11.325	122.124	1.315	110.799
B.M.			0.030	110.094
	11.045	132.967	0.187	121.947
B.M.	9.055	140.659	1.363	131.604
B.M.	12.000	152.489	0.170	140.489
	11.948	164.317	0.115	152.374

O.K.

Hyd Nozzle N.E. 3rd + C

Spk in Tel Pole N.E. 8th + B.

M Hinge Hyd A + 3rd S.E.

Hyd Nozzle S.E. Cor. B[illegible] + 3rd

Spk in Light Pole S.W. 3rd + Cedar

N.E. Cor. Cedar + 4½ SW Bolt in Elect Mast

S.E. Cor. Nozzle Hyd 4th + Date

Spk in Elect Pole N.W. Cor. 5th + Date

" " " " S.E. 5th + Elev

4/2/04

B.M.		164.377	4.155	160.167
	12.771	176.732	0.361	163.961
B.M.	12.110	188.624	0.218	176.514
	11.855	200.280	0.199	188.425
B.M.			1.575	198.705
	12.860	212.760	0.380	199.900
	12.560	224.075 approx.	1.146	211.615
B.M.			8.975	215.100
	11.290	235.083	0.282	223.793
B.M.			4.888	230.195
	10.34	45.156	0.267	34.816
B.M.			5.258	239.898
			0.765	244.891

4.155
0.361
0.218
0.199
1.575
0.380
1.146
8.975
0.282
4.888
0.267
5.258
0.765
16.736

N. Hing Hyd N.E. Cor. First & 5th

Spk in Elect Pole S.E. Grape & 5

Spk in Elect Pole 5th & Hawthorn N.E.

S.E. Cor 5th & Ivy Hyd Nozzle

N.W. Cor 5th & Juniper Spike in Elect Pole

4/5/04 Hutchison

	11.851		210.556	198.705	
	10.170	20,383	0.343	210.213	
B.M.			5.270	215.113	Nozzle Hyd S.E. 5th Ivy.
	12.115	32.190	0.308	20.075	
B.M.			1.972	230.218	Spk in Elect Pole N.W. Cor Juniper + 5
	11.055	42.795	0.450	31.740	
B.M.			2.885	239.910	Spk in Elect Pole S.W. Cor Kalmia + 5th
	10.970	53.600	0.165	42.630	
			8.71	44.89	
B.M.			0.640	252.960	M.E. Cor Laurel + 5th 7th Concrete Post
	8.70	62.064	0.736	53.364	
B.M.			3.545	258.519	S.E. Cor Maple + 5th Spk in Elect Pole
	7.62	67.554	2.130	59.934	M.E. Cor. Mulberry + 5th Spk in Elect Pole
B.M.			1.86	265.694	
	8.03	74.904	0.680	266.874	
B.M.			3.380	271.574	S.E. Cor Alder + 5th Spk in Elect Pole
	7.65	280.90	2.466	277.440	
		O.K.			

B.M.		280.090	3.985	277.105	Palm + 5 5th/11 S.W. Cor. Nozzle of Hyd.
	5.22	82.667	2.643	77.447	
B.M.			3.647	279.020	Quince + 5 5th/11 S.E.Cor. Spk in Elect Pole
	4.81	83.797	3.680	78.987	
B.M.			3.665	280.132	Redwood + 5 5th/11 N.E. Cor. Spk in Elect Pole
	4.090	84.952	3.435	80.362	
B.M.			3.84	281.112	Spruce + 5 5th/11 S.E. Cor. Spk in Elect Pole
B.M.			0.762	284.190	Thom ~~Redwood~~ + 5 5th/11 S.E. Cor. E Hinge of Hydrant
	6.265	87.887	3.330	81.622	
B.M.			0.610	287.277	Ypsa + 5 5th/11 S.E. Cor Nozzle of Hyd.
	7.975	88.352	2.510	85.377	
B.M.			4.362	283.99	Walnut + 5th N.E. Cor. Spk in Elect Pole
	3.595	85.415	6.537	81.870	
B.M.			5.225	280.191	Brooks + 5th S.W. Cor Spk in Elect Pole
	5.601	84.892	6.122	79.293	
B.M.	6.770	89.189	2.475	86.419	Thornton + 5th S.E. Cor. Spk in Elect Pole
B.M.	4.395	293.424	0.160	89.029	Robinson + 5 5th/11 S.E. Top Nozzle Hyd.

2.84.56
2.77.40

4/5/04 Hutch,

B.M.		293.424	3.411	290.013	University + 5 7/8 Spike in Elect Pole S. E. Cor.
	3.48	293.493			
B.M.	4.35	287.86	9.983	283,510	M.W. Bolt in Elect Mast University + 6 S.E. Cor.
	3.515	88.135	3.24	284.62	
B.M.			3.975	284.160	Spk in Tel Pole N.E. Cor. 8th & University
	4.195	86.99	5.34	82,795	
	8.055	291.495	3.55	283.44	
B.M.			7.36	284.155	Spk in Tel Pole 10 + Univ. 20'S + 25'E of Grog Store
	7.47	296.095	2.870	288.625	
B.M.			4.295	291.80	S.E. Cor. Top Nozzle of Hyd. Vermont 11 + Univ.
	7.09	300.610	2.575	93.520	
B.M.			2.615	297.995	N.W. Cor. Spk in Pole Yale + Univ
	7.075	305.055	2.58	298.03	
B.M.			3.11	301.945	Spk in Tel Pole N.W. Univ Keller + Winchester
	6.355	309.365	2.045	303.010	
	6.805	313.635	4.395	307.03	
	10.555	314.100	2.09	311.545	

B.M.		322.10	8.22	313.88	Spk in Elect Pole East of Univ Boulev & South side of Lincoln
	12.39	334.495	0.055	322.045	
	11.95	346.280	0.105	334.330	
	4.305	348.865	1.72	344.56	
B.M.			4.31	344.555	Spk in Elect Post West Univ Boulev & South of Normal School
	4.245	348.64	4.47	344.395	
B.M.	3.425	348.48	3.585	345.055	Spk in Elect Pole East at and So End of Normal Station
	3.655	346.045	6.09	342.39	
	6.065	348.19	3.92	342.125	
B.M.			5.875	342.315	Spk in Elect Pole S.E. Cor Meade & Park Boulevard

3795
345055
348850 14.1
575
343.10

B.M. 290.32 N. E. Cor. Spk in tel pole of 5th & Univer

283.54 S.E. Cor. 6th & Univ N.W. Bolt at Base of Elect L Mast

283.90 ~~288.59~~ NE " 7th Spk in new Phone Pole

284.25 " " 8th " " " " "

~~Monroe Ave~~
Meade Ave

5/11/04

	H.I.	North Side		Center		So Side	
Location	348.19	Rod					
East Side Park Boulev.		6.0	342.19	6.3	341.89	6.9	341.29
50' East of " "		5.2	342.99	4.9	343.29	5.8	342.39
100' " "		4.0	344.19	4.7	343.49	4.8	343.39
150		3.4	344.79	4.4	343.79	4.4	343.79
200		3.7	344.49	3.9	344.29	4.2	343.99
225		3.2	344.99	4.1	344.09	3.1	345.09
250		3.2	344.99	3.9	344.29	3.9	344.29
West Line of Georgia		3.1	345.09	3.9	344.29	3.9	344.29
Center " " "		3.8	344.39	3.6	344.59	4.0	344.19
East Line "		2.6	345.59	4.8	343.39	5.0	343.19
B.M. 4.375	347.585	4.98	343.21		Hub S.E. Cor.		
50' East of Georgia st.		4.6	342.985	4.9	342.685	4.9	342.685
90.0' " " "		6.0	341.585	5.9	341.685	6.4	341.185
100' " "		6.5	341.085	7.5	340.085	8.2	339.385
125		9.3	338.285	10.1	337.485	11.2	336.385
150		11.0	336.585	12.1	335.485	12.1	234.3
1.075	336.725	11.935	35.650				

	H.I.	No Side	Cent	So. Side	Elev. No Side	Elev. Cent	Elev. So. Side	
	336.725	1	1	1				
200' East of Gr.		8.6	10.4	11.7	328.125	326.325	325.025	
	0.485 324.460	12.75	323.975					
250'		6.7	6.7	7.2	317.760	317.760	317.260	
West Side of Florida		11.5	11.9	13.8	312.960	312.560	310.660	✓
B.M.	1.26 314.065	11.655	312.805	N.W. Cor. Florida				
Center of Florida		8.8	5.3	5.6	310.265	308.765	308.465	✓
East Side "		7.1	7.6	7.4	306.965	306.465	306.665	✓
25' East of "		8.0	10.1	10.1	306.065	303.965	303.965	
50' East of "		8.7	9.0	9.4	305.365	305.065	304.665	
100' " " "		5.7	6.8	7.2	308.165	307.265	306.865	
140		4.2	4.6	5.4	309.865	309.465	308.665	
150		3.7	3.3	6.2	310.365	310.765	307.865	
200		1.8	3.4	4.1	312.265	310.665	309.965	
250		0.0	0.0	2.0	314.065	314.065	312.065	
	11.835 314.400	1.50	312.565					
West Side Alabama		8.50 3159	9.0	10.0 314	315.90	315.40	314.40	
Center of "		6.5	6.5	9.6	317.90	317.90	315.80	
East Side of "		3.1	4.4	4.7	321.30	320.00	320.20	
B.M.		4.21	320.19					

Iron S.E. Cor. Alabama & Meade

Meade

		Ht.	Mo Line		Center		So Line	
50' East of Alaska		324.40	1.3	323.10	0.5	323.90	2.2	322.20
	11.09	34.665	0.865	23.575.				
70' "			10.5	324.165	10.4	324.265	10.5	324.265
80			7.7	326.965	8.5	326.165		
100			6.6	328.065	8.2	325.965	9.7	324.965
150			4.1	330.565	4.7	329.965	6.5	328.165
200			2.1	332.565	3.8	330.865	4.9	329.765
225			1.1	333.565	2.6	333.065	3.3	331.365
	7.935	41.275	1.325	333.340				
250			6.7	334.675	7.6	333.675	7.8	333.475
West Line of Mississippi			5.6	335.675	6.5	334.775	6.1	335.175
Center Line "			6.5	334.775	4.6	356.675	6.2	335.075
East Line "			11.7	337.075	6.1	335.175	5.9	335.375
B.M.			4.21	337.065		Hub	N.E. Corner Mississippi & Meade	
50' East of "			5.8	335.475	5.8	335.475	5.3	336.975
100 "			6.6	334.675	6.4	334.875	5.9	335.375
175			6.4	334.875	4.6	336.475	6.1	335.175

		11° Line		Cent	20 Line		
150' East of Miss.	341.275	6.8	334.475	5.4	335.875	6.0	335.275
200 " " "		7.6	333.675	8.0	333.275	6.7	334.575
225 " " "		6.7	335.075	6.5	334.775	8.5	333.775
250' " " "		8.2	333.075	8.4	332.875	7.8	333.475
West Line of ~~Stat~~ Louisiana		6.3	334.975	8.3	332.975	8.5	332.775
2.70	35.415	8.56	332.715				
Center of Levee		7.8	332.615	2.9	332.515	3.2	332.215
East Line " "		1.9	333.515	3.3	332.115	2.4	333.015
50' East of "		3.8	331.615	3.4	332.015	4.0	331.415
100' " " "		5.4	330.015	6.9	329.515	6.1	329.315
150		6.6	328.815	5.3	330.115	6.9	328.515
170 " "		4.9	330.515	7.3	328.115	6.6	328.815
200"		6.3	329.115	5.5	329.915	8.1	327.315
250		5.0	330.415	4.7	330.715	5.7	330.215
275		11.5	330.915	16.0	329.415	6.7	328.715
West Line Texas.		3.3	332.115	3.3	332.115	5.7	329.715
Center " "		5.5	331.915	5.6	331.615	3.3	332.115

Meade Ave

	H.I.	No Line		Cent		So Line	
East Line of Texas	335.15	2.7	332.7	1.9	333.5	4.1	331.3
B.M.	9.6 ∠ 342.375	2.68	332.735		Hub	M.E. Cor. Texas + Meade	
25' East of Texas		9.6	3328	9.7	332.7	8.2	334.2
50' " " "		8.7	333.7	9.7	332.7	9.2	333.2
75' "		8.8	333.6	6.7	335.7	9.7	333.2
100		6.9	335.5	8.6	333.8	7.6	334.8
125		6.4	336.0	7.7	334.7	8.7	333.7
150		5.8	336.6	5.4	337.0	8.1	334.3
200		6.0	336.4	6.8	335.6	6.5	335.9
225		7.8	339.6	5.0	337.4	8.0	339.4
250		4.4	338.0	4.9	337.5	5.1	337.3
West Line of Arizona		7.1	339.7	1.8	340.6	3.1	339.3
~~Center~~ "		2.75	339.625				
B.M.		3.15	339.225				

S.W. Cor Hub Arizona + Meade

Monroe Ave

		North Line		Center
	4.955 47.270		342.315	
	6.055 349.66	3.665	43.605	
		4.61	345.05	
East Line Park Boulev.		4.7	345.0	5.3
25' East of "		5.5	344.2	5.2
50' " "		3.6	346.1	5.3
75		5.7	344.7	4.2
100		4.7	345.0	3.5
125		3.6	346.1	4.6
150		2.8	346.9	3.5
175		1.5	348.2	3.5
200		3.4	346.3	2.9
225		1.4	348.3	0.6
250		1.3	348.4	2.6
West line of Bergen		2.1	347.6	2.3
B.M.	3.11 350.675	2.095	347.565	

So. Line
5/13/04 Hutchison.

17

Spk. in Elect. Pole S.E. Cor. Park Boulev.

344.4	5.5	344.2
344.5	5.8	343.9
344.4	5.7	344.0
345.5	5.0	344.7
346.2	2.4	347.3
345.1	3.5	346.2
346.2	3.7	346.0
346.7	3.3	346.4
346.8	3.1	346.6
349.1	1.7	347.5
347.1	2.4	347.3
347.4	2.1	347.6

Hub. NW Cor.

Monroe Axe

			Mc Line		Cent	Mc Line		
Center Line of Geo.		350.675						
" " "			3.6	347.1	3.6	347.1	1.6	349.1
East Line of Georgia			2.4	348.3	3.2	347.5	3.6	347.1
50' East "			4.3	346.4	3.9	346.8	3.6	347.1
75' "			4.3	346.4	5.1	345.6	2.3	348.4
100' "			6.7	344.0	5.4	345.3	6.0	344.7
125' "			8.4	342.3	6.7	344.0	6.4	344.3
150			10.7	340.0	9.8	340.9	8.3	342.4
175'			12.6	338.1	12.4	338.3	11.6	339.1
	1.075'	40.810	10.94	339.735				
200			6.7	334.1	6.5	334.3	6.3	334.5
250			11.4	328.6	11.4	328.6	12.6	328.2
	1.395	30.935	11.27	329.54				
B.M.			5.77	325.165		M.W. Cor Stub Florida + Monroe		
West Line of Florida			5.8	325.1	5.6	325.4	6.4	324.7
Center " " "			9.0	321.9	9.8	322.1	7.9	323.0
East " " "			11.6	319.3	11.4	319.5	11.3	319.6
	5.095	343.040	12.95	317.985				

			M° Line		Cent		Ro Line	
50' East of 7th or.	3V398		4.7	318.4	6.1	317.0	5.8	317.3
75' " "			5.6	317.5	7.2	315.9	6.4	316.7
100' "			5.3	317.8	7.5	315.6	7.1	316.0
150' " "			5.2	317.9	6.9	316.2	7.3	315.8
200 " "			4.2	318.9	5.3	317.8	6.3	316.8
250' "			1.4	321.7	2.6	320.5	3.0	320.1
290' " "			0.2	322.9	1.1	322.0	2.6	320.5
B.M.	12.39	334.225	1.245	321.835		Hub S.W. Cor Alabama & Monroe		
West Side Alabama			11.1	323.1	11.9	322.3	12.4	321.8
Center Line "			10.1	324.1	9.6	324.6	10.3	323.9
East Line "			7.6	326.6	7.1	327.1	7.6	326.6
50' East of "			5.0	329.2	4.0	330.2	4.5	329.7
100' "			1.8	332.4	1.5	331.7	3.1	331.1
125			0.4	333.8	1.5	332.7	1.3	331.9
	9.50	43.785	0.440	333.785				
150			8.9	334.4	8.9	334.4	10.1	333.2
160			6.6	336.7	9.7	334.1	9.1	333.6

		Mc Line		Cent		So Line	
	17.1, 343,285						
200' East of Alat		7.3	336.0	6,9	336.4	6,3	337.0
225'		6,2	337.1	4,9	338,4	6,1	337.2
250		5,2	338,1	4,5	338.8	5,4	337.9
285		2,8	340,5	4,5	338.8	3,2	340,1
West Line Mississippi		4,00	339,3	3.8	339.5	3.4	339.9
B.M.		3,995	339,290		Hub N.W. Cor. Mississippi & Monroe		
Center Line "		3,3	340,0	3,0	340.3	1,1	342,2
East Line "		3,9	339,4	2,9	340.4	3,4	339.9
50' East of "		3,7	339.6	4,3	339.0	2,4	340.9
75' "		5,4	337.9	4,8	338.5	3,9	339.4
100		5.4	337.9	5.6	337.7	3.6	339.7
	6,545 344,32	5.51	337.775				
150		6,8	337.5	6,8	337.5	4.5	339.8
175		6.7	337,6	6.6	337.7	6.4	337.8
200		6.0	338.3	6.7	337.6	6.7	337.6
250		5.5	338,8	3.4	340,9	3.3	341.0
275		3.0	341.3	6.0	338.3	5.0	339.3

J

Monroe Ave

		No Line		Cent		South Line	
West Line Louisiana	344.32	5.0	339.3	4.1	340.2	4.9	339.4
Center " "		4.8	339.5	4.7	339.6	5.0	339.3
East " "		6.1	338.2	6.2	338.1	6.1	338.2
B.M.		4.945	339.375		Hub, S.W. Cor Louisiana		
50' East of Louis		5.9	338.4	6.1	338.2	6.1	338.2
100' " " "		6.2	338.1	5.7	338.4	5.3	339.0
130		5.5	338.8	6.3	338.0	6.5	337.8
150		4.8	339.5	5.7	338.6	6.5	337.8
	6.87 347.40	3.79	340.53				
175		9.2	338.2	9.4	338.0	8.5	338.9
200		8.6	338.8	9.3	338.1	8.5	338.9
225		8.6	338.8	8.7	338.7	7.7	339.7
250		6.0	341.4	9.0	338.4	9.3	338.1
275		7.3	340.1	7.6	339.6	7.0	340.4
West Line of Texas		9.6	338.8	8.5	338.9	9.1	338.3
Center " " "		7.4	340.0	7.4	340.0	7.4	340.0
East Line " "		5.7	342.2	5.4	342.0	8.3	339.1
B.M.		8.32	339.08		Hub S.E. Cor Texas.		

Monroe Ave

5/13/04

			Mc Line		Cent	Ac Line		
25' East of Trans	347.40		6.8	340.6	7.5	339.9	8.1	339.3
50' "			6.5	340.9	7.4	340.0	7.5	339.9
75'			5.1	342.3	3.6	343.8	5.0	342.4
100' " "			5.8	341.6	5.9	341.5	4.9	342.5
125			3.5	343.9	4.0	343.4	4.7	342.7
150			2.5	344.9	4.2	343.2	5.5	341.9
175			3.3	344.1	4.5	342.9	4.8	342.6
200			1.9	345.5	1.8	344.6	3.8	344.6
225			0.0	347.4	2.7	344.7	3.1	344.3
	9.67	354.68	2.39	345.01				
250			6.4	348.3	6.3	348.4 338.4	8.3	346.4
West Line of Arizona			3.0	350.7	3.0	351.7	4.1	350.6
B.M.			2.97	351.71		HUB N.W. Cor. Arizona		
Center Line of Ariz			+ 0.4	355.1	0.9		7.7	352.0
	5.52	349.13	1.07	348.61				
			9.98	339.20				

Madison Ave.

	H.I.	So Line	Cent	North Line		
	11.95	363.66	351.71			
	6.735	370.165	0.23 63.43			
B.M.		5.23	364.965	HUB S.W. Cor Arizonia + Madison		
West Line of Origin		5.2	365.0	3.4	366.8	4.4	365.8
25' West of "		7.5"	362.9	7.0	363.2	5.0	365.2
50' " " "		9.7	360.5	8.2	362.0	8.4	361.8
75' " " "		12.6	357.6	10.3	359.9	12.5	358.7
	1.185	58.865	12.485	357.680			
85' "		1.3	357.6	1.8	357.1	1.2	357.7
100		3.2	355.7	2.7	356.2	1.8	357.1
125		5.7	353.2	4.2	354.7	5.1	353.8
150		8.1	350.8	6.9	352.2	6.1	352.8
175		8.6	350.2	9.0	349.9	7.4	351.5
200		12.3	346.6	10.7	348.2	9.4	349.5
225		10.9	348.0	9.6	349.3	11.6	347.3
250		12.6	346.3	12.6	346.3	9.8	349.1
275		12.6	346.3	12.4	345.5	12.1	346.8

Madison

	H.I.	South side		Center		No Line	
East Line of Texas	358.865	14,3	344.6	11,3	347.6	13,1	345.8
Center " " "		13,4	345.5	13,4	345.5	13,4	345.5
2,14	48.485	12,52	346,345				
B.M.		3,425	345,06		Hub	N.W. Cor. Texsas,	
West Line of Texas		1,8 3,2 ~~3,4~~	346,7 ~~345,3~~	3,2	345.3	3,4	345.1
25' " of "		4,8	343.7	4,0	344.5	2,9	345.6
50' West " "		4,9	343.6	3,3	345.2	3,5	345.0
75		3,1	345.4	4,6	343.9	3,5	345.0
100		3,8	344,7	4,4	344.1	3,4	345,1
125		5,31	343.2	5,1	343.4	4,5	344.0
150		3,7	344.8	4,5	344.0	4,2	344.3
200		4,7	343.8	4,8	343.7	4,3	344.2
250		5,4	343,1	4,8	343.7	3,8	344.7
East Line of Louisiana		5,8	342.7	5,2	343.3	5,4	343.1
~~25' West of East Line~~							
~~Center~~ " "						~~5,0~~	
Center Line of Lou		5,5	343.0	3,6	344,9	5,5	343.0
West " " "		6,5	342,0	6,6	341,9	5,8	342,1
B.M.		5.755	342.780		Hub	N.W. Cor. Louisiana + Madison	

Cont. from Page 28.

Mod

	H.I	No Line		Center	So Line		
	4.62	349.67		345.05			
	8.86	356.095	2.435	47.235			
B.M.			5.00	351.095	S.E. Cor. Madison + Park Boul. R.R. Spikes in Elect Pole		
East line of Park Boul.			3.7	352.4	5.2	350.9	5.2	350.9
50' East of " "			4.0	352.1	5.2	350.9	5.4	350.7
75' " " " "			4.0	352.1	3.0	353.1	4.2	351.9
100' "			3.8	352.3	4.5	351.6	5.2	350.9
125			3.8	352.3	4.0	352.1	3.0	353.1
150			3.8	352.3	3.6	352.5	4.8	351.3
175			3.3	352.8	3.0	353.1	3.4	352.7
200			3.9	352.2	4.1	352.0	3.5	352.6
225			3.4	352.7	3.1	353.0	4.2	351.9
250			4.6	351.5	4.1	352.0	3.2	352.9
West line of Georgia			3.8	352.3	3.5	352.6	4.3	351.8
B.M.	1.585	54.37	4.31	351.785		Hub SW Cor. Georgia + Madison		
Center line of Geo.			1.3	352.1	N.N	352.2	3.3	351.1
East line " "			1.4	353.0	3.7	350.7	1.3	352.1

Madison Ave 5/14/13

		H.I.	No.		Cent		So.	
25 East of Geo		354.37	2.7	351.7	4.2	350.2	3.8	350.6
50' " " "			3.8	350.6	4.3	350.1	4.1	350.3
75			4.3	350.1	4.1	350.3	4.8	349.6
100' "			5.2	349.2	6.1	348.3	6.1	348.3
150' " "			8.1	346.3	8.4	346.0	8.8	345.6
200' "			12.1	342.3	12.6	341.8	13.3	341.1
	1.11	43.005	12.475	341.895				
250			4.7	338.3	5.3	337.7	6.7	336.3
West Line Florida			8.1	334.9	8.3	334.7	9.4	333.6
Center " "			10.6	332.4	11.6	331.4	12.6	330.4
East " "			13.4	329.6	14.0	329.0	13.6	329.4
	4.92	334.965	12.96	30.045				
B.M.			5.315	329.65		Hub N.E. Cor. Florida + Madison		
25 East of Florida			5.7	329.3	4.9	330.1	7.6	327.4
50' " " "			7.0	328.0	7.4	327.6	7.6	327.4
75 " "			5.7	229.3	7.3	327.7	7.3	327.7
100			6.3	328.7	6.0	329.0	6.2	328.8

Mad

5/14/04

	Mo		Cent		Ao	
150' East of Flor. 334.965	5.9	329.1	6.0	329.0	6.9	328.1
190'			5.8	329.4		
200' "	5.3	329.7	4.1	330.9	6.4	328.6
250	5.5	329.5	5.7	329.3	5.6	329.4
275	3.7	331.3			5.4	329.6
West Line Alabama	4.3	330.7	5.0	330.6	4.4	330.6
Center " "	3.7	331.3	4.6	330.4	5.3	329.7
70' West of East Line	1.9	333.1				
East Line of Alab.	3.3	331.7	4.2	330.8	4.2	330.8
B.M. 11.20 341.92	4.245	330.720		Hub	S.E. Cor Alabama	
50' East of Alab.	8.3	333.6	9.0	332.0	9.9	332.0
75' "	8.3	333.6	9.2	332.7	8.6	333.3
100' "	7.4	334.5	7.9	334.0	9.3	332.6
125	6.4	335.5				
150	6.4	335.5	7.2	334.7	7.8	334.1
165	6.0	335.9	6.2	335.7	6.8	335.1
200	5.3	336.6	4.6	337.3	5.3	3336.6
250	4.5	337.4	5.2	336.5	3.7	338.2

Madison

5/14/04

	No Line		Cent	So Line		
West line of Missis 341.92	3.3	338.6	3.7	338.2	4.0	337.9
15' East of West line					2.0	339.9
Center line of Missis	1.5	340.4	3.5	338.4	3.7	338.2
East line of "	1.8	340.1	2.2	339.7	0.8	341.1
B.M. 9.22 349.37	1.77	340.15		Hub N.E. Cir. Mississippi		
20' East of Missis	7.5	341.9				
50' " "	8.3	341.1	8.7	340.7	8.5	340.9
65' " "	6.5	342.9	7.0	342.4	8.1	341.3
100'	7.7	341.7	7.8	341.6	8.8	340.6
125'	6.5	342.9	7.6	341.8	5.6	343.8
150	7.1	342.3	7.6	341.8	8.2	341.2
200	5.5	343.9	4.5	343.9	7.8	341.6
250	6.2	343.2	6.6	342.8	6.0	343.4
West line of Louis						
B.M.	6.59	342.78		Hub N.E. Cor. Louisiana & Madison		

Madison Ave Continued on Page 24.

Arizonia St

		H.I.	West Line		Center	East Line		
	564	44.865		339.225				
No Line	El. John		10.7	334.2	8.0	336.9	4.7	340.2
50' No.	of " "		11.1	333.8	7.4	337.5	3.6	341.3
100' "	" "		9.5	335.4	7.0	337.9	5.0	339.9
125					5.6	339.3		
150			10.1	334.8	7.6	337.3	3.4	341.5
200			8.4	336.5	5.7	339.2	2.8	342.1
250			9.2	335.7	6.6	338.3	4.0	340.9
270			8.4	336.5	5.1	339.8	2.2	342.7
300			8.8	336.1	6.0	338.9	2.2	342.7
350			7.9	337.0	4.7	340.2	1.5	343.4
400			6.7	338.2	3.6	341.3	2.2	342.7
425			7.6	337.3				
450			5.0	339.9	4.8	340.1	1.4	343.5
475					3.0	341.9	0.0	344.9
500			6.4	338.5	3.7	341.2	0.3	344.6
520			4.7	340.2	4.0	340.9	0.0	344.9

Arizonia

	H.I.	West		Cent		East	
	9.66	348.885		339.225			
550 (250)	M' of El Jon.	10.6	338.3	7.2	341.7	4.0	344.9
575 (275)	"	8.1	340.8	5.6	343.3	4.3	344.6
	North line Made	9.7	339.2	6.2	342.7	3.3	345.6
	Center " "	9.5	339.4	6.6	342.3	4.4	344.5
	25 So of no line			5.5	343.4	3.7	345.2
	North line Made	9.1	339.8	6.6	342.3	2.9	346.0
	25' No of "	8.3	340.6	6.1	342.8	3.4	345.5
	50' " " "	8.4	340.5	6.1	342.8	3.4	345.5
	75'			4.3	344.6		
	100' "	7.6	341.3	4.7	344.2	2.2	346.7
	150	8.2	340.7	4.9	344.0	2.1	346.8
	190			4.1	344.8		
	700	6.4	342.5	4.3	344.6	1.7	347.7
	725	6.9	342.0	4.4	344.1		
	750	6.3	342.6	4.5	346.1	1.5	347.4
	800	6.1	342.2	3.8	345.1 ✓	1.5	347.4 ✓

			West		Cent		East	
325 M°M Elgin		348.885						
350			6.7	342.2	3.7	345.2	1.4	347.5
	10.645	57.285	2.245	346.64				
375 M°M Elgin			14.6	342.7	10.9	346.4	9.3	348.0
~~400~~ 350			14.0	343.3	10.9	346.4	7.9	349.4
450			12.5	344.8	10.1	347.2	5.5	351.5
475			11.9	345.4	7.8	350.0	5.7	351.6
~~500~~ 450			10.4	346.9	8.5	348.8	3.7	353.6
550			9.0	348.3	6.1	351.2	1.3	356.0
575			7.2	350.1	5.0	352.3	1.0	356.3
At Line Monroe			6.7	350.6	5.4	352.9	+0.3	357.6
	17.10	63.84	5.545	351.740				
Center Line Monroe			17.7	351.6	10.0	353.8	4.7	359.6
Mg Line "			17.1	351.7	9.1	355.1 ✓	4.5	359.3
35' No. of "			10.4	353.4	1.9	355.4	1.7	362.1
50 " " "			10.0	353.8	7.8	356.0	4.8	361.0
600					6.0	357.8 ✓		

Arizona

	H.I.	West		Cent		East	
100' N of Monument	363.84	9.2	354.6	5.6	358.2	0.1	363.7
~~150'~~ 8.2 W	370.68	1,405	62.435				
150' N of Monument		15.5	355.2	9.8	360.9	5.8	365.2
200		13.4	357.3	9.6	361.1	3.5	367.2
235		14.0	356.7	9.0	361.7	2.4	368.3
250		12.8	357.9	6.6	364.1	4.0	364.7
265				7.1	363.6		
300		9.7	361.0	6.6	364.1 ✓	1.9	368.8
310						1.0	369.7
350		8.3	362.4	5.0	365.7 ✓	1.0	369.7
375						2.2	368.5
400		7.3	363.4	3.2	367.5	+1.0	371.7
	6.76	375.67	1.77	68.91			
425				6.0	369.7	~~5~~	
450		10.9	364.8	7.4	368.3	5.8	369.9
475				5.9	370.7		
500		10.0	365.7	6.4	369.3 ✓	5.3	370.4 ✓

		West		Cent		East	
650	376.67	10.9	365.7	7.0	368.7	4.6	371.1
675		8.1	367.6	7.6	368.1	3.3	372.4
Do Line of Madison		10.7	365.0	8.1	367.6	5.5	370.2
		10.705	364.965				
Cent Line of Madison		8.9	366.8	6.5	369.2	4.5	371.2
No " " "		9.7	366.0	5.2	370.5	5.3	370.4
50' No. " "		8.7	367.0	6.4	369.3	3.6	371.1
75' " "		8.2	367.5	5.5	370.2	2.5	373.2
100		9.6	366.1	5.7	370.0	2.6	373.1 ✓
125		10.4	365.3	8.7	371.8	3.2	372.5
150		9.6	366.1	5.8	369.9	4.2	371.5
	8.115	379.435	4.35	371.32			
200' Mt. of Madison		11.1	368.3	9.3	370.1	7.2	372.2
250		11.4	368.0	9.1	369.7	5.6	373.8
285				7.7	371.7		
300		11.0	368.4	9.2	370.2	7.2	372.2
320		10.9	368.6	7.2	372.2 ✓		

Arizona St.

5/14/13

	West Line		Cut		East	
350 No of Madison 379.435	9.7	369.7	9.0	370.4	7.0	372.4
375 " "	9.6	369.8	7.4	372.0	6.6	372.8
400 " "	10.5	368.9	7.8	371.6	6.0	373.4
450 " "	8.6	370.8	7.9	371.5	5.4	374.0
475			5.4	375.0		
500	8.4	371.0	6.5	372.9	4.4	375.0
525	6.6	371.8				
550	7.1	372.3	3.2	376.2	2.7	376.7
South Line Adams	5.7	373.7	3.8	375.6	2.3	377.1
Center " "	4.3	375.1	2.6	376.8	0.8	378.6
B.M.	2.8	377.155		HUB S.E. Cor. Adams Ave		

Louisiana St

5/13/04

		East Line		Center	West Line		
	11,47 354,25		342,78				
Mc Line Adams		5.2	349.0	4.8	349.4	4.6	349.6
Center " "		5.4	348.8	4.7	349.5	4.5	349.7
So Line "		5.2	349.0	5.0	349.2	4.6	349.6
B.M.		5.16	349.09		5E. Cor. Adams Hub.		
50' So. of "		5.1	349.1	4.8	349.3	4.8	349.4
100' " "		5.3	348.9	4.9	349.3	4.8	349.4
150' "		5.0	349.2	5.1	349.1	5.1	349.1
200 " "		5.4	348.8	5.4	348.8	5.5	348.7
250 "		5.4	348.8	5.4	348.8	6.0	348.2
260 "				5.6	348.6	6.7	
300		6.3	347.9	5.7	348.5	6.7	347.5
310				4.8	349.4		
340				6.0	348.2		
350		6.9	347.3	7.9	346.3	7.8	346.4
370		6.8	348.0	8.0	346.2	7.1	347.1
400		7.9	346.3	9.3	345.9	9.0	345.2
415		8.6	345.6	9.4	344.8	7.9	346.3

Louis

		East	✓	Cent	✓	West	✓
450 So of Adams	354.25	7.9	346.3	9.4	344.8	9.1	345.1
500		9.4	344.8	8.5	345.7	8.7	345.5
550 " "		8.8	345.4	9.9	344.3	11.1	343.1
585		8.6	345.6	8.8	345.4	9.4	344.8
Mo Line Madison		10.9	343.3 ✓	11.2	343.0 ✓	11.5	342.7 ✓
	4.03	346.81		342.78			
Cent. Line Madison		2.5	344.3	2.8	343.9	4.8	342.0
50 " "		4.7	342.1	4.2	342.6	4.6	342.2
50' So of "		4.4	342.4	4.5	342.3	4.2	342.6
100' " " "		5.1	341.7	4.9	341.9 ✓	4.6	342.2
150' " " "		5.2	341.6	5.1	341.7	4.8	342.0
165						3.0	343.8
190						5.0	341.8
200'		5.1	341.7	5.3	341.5	5.4	341.4
250		5.5	341.3	5.6	341.2	5.4	341.4
300		5.6	341.2	5.0	341.8	5.8	341.0
	4.94	345.81	5.94	340.87			
335				4.8	341.0		
350		4.6	341.2	7.9	342.9	4.9	340.9

		East		Cent		West	
375	345.81			5.5	340.3		
400							
~~380~~		5.6	340.2	5.4	340.4	4.9	340.9
410							
260				4.2	341.6		
425							
~~375~~		6.4	339.4	4.6	341.2	4.3	341.5
450							
~~475~~							
~~460~~		6.3	339.5	6.2	339.6	4.4	341.4
470							
~~420~~				4.4	341.4		
500							
~~450~~		6.1	339.7	5.3	340.5	4.9	340.9
540						6.4	339.4
~~490~~							
~~550~~		7.3	338.5	4.9	340.9	5.2	340.6
575		7.3	338.5	6.3	339.5	5.1	340.7
McLine Monroe		7.6	338.2	6.2	339.6	6.4	339.4
Cent " "		7.6	338.2	6.2	339.6	5.5	340.3
So Line "		7.6	338.2	6.5	339.3	6.4	339.4
4035	34346	6.385	339.425				
50' So of Monroe		4.9	338.6	4.7	338.8	5.0	338.5
70		5.4	338.1	~~5.1~~ 4.7	338.4	6.2	337.3
85				3.1	340.4		
100		6.6	336.9	4.4	339.1	5.2	338.3
110				6.3	337.2		
175						4.0	339.5

Louisiana

			East		Cent		West	
				337.8				
150' So Monroe	343.46			5.7	6.4	337.1	6.3	337.2
165					5.0	338.5		
190							6.8	336.7
200			7.7	335.8	7.9	335.6	5.2	338.3
250			6.4	337.1	8.3	335.2	7.3	336.2
260			8.3	335.2	8.3	335.2	5.4	338.1
290					6.2	337.3		
300			6.7	336.8	6.2	337.3	8.3	335.2
315			8.2	335.3	8.5	335.0	8.3	335.2
			7.8	335.7	7.3			
350			9.1	334.4	8.8	334.7	8.1	335.4
375			9.1	334.4	6.4	337.1	6.9	336.6
400			9.5	334.0	9.1	334.4	7.8	335.7
	5.255	339.335	9.38	34.08				
430			4.5	334.8	2.4	336.9	3.5	335.8
450			5.9	333.4	3.2	336.1	3.0	336.3
460					4.7	334.6		
500			4.8	334.5	4.6	334.7	5.0	334.3
525			6.6	332.7			3.8	335.5
550			5.3	334.0	5.8	333.5	5.5	333.8
575			6.5	332.8	5.5	333.8	4.7	335.1
N. Line Mead			5.6	333.5	6.1	332.6	4.4	334.9

Louisiana St.

			East		Cent		West.	
Cent. Line Meade		339.335	7.3	332.0	6.9	332.4	6.3	333.0
So " "			6.4	332.9	7.1	332.2	6.6	332.7
B.M.			6.615	333.72		5 W Cor Jno Meade.		
15' So of Meade			7.1	332.2	6.1	333.2		
50' " " "			7.4	331.9	7.6	331.7	6.0	333.3
50					6.6	332.7		
100			7.9	331.4	7.6	331.7	8.3	331.3
125					8.6	330.7		
150			8.1	331.2	7.4	331.9	7.4	331.9
	3.61	335.45	7.485	31.85				
180					3.1	332.3	3.8	332.1
200			5.8	329.6	5.7	329.7	4.9	330.5
225			4.1	331.3			4.0	331.4
250			5.5	329.9	6.0	329.4	5.5	329.9
280			6.4	329.0	5.8	331.6	6.1	329.3
300			6.8	328.6	5.5	329.9	5.0	330.4
310			5.0	330.4	6.6	328.8	5.7	329.7
350			7.5	327.9	4.9	330.5	4.9	330.5
375			6.1	329.3	7.7	328.2		
						338.2	4.9	330.5

Louisiana Street

5/13/04 Hutchinson,

			East		Cent	West		
400 So. Main		3.35.45	6.9	328.5	7.4	328.0	6.6	328.8 ~~338.8~~
450 " "			8.8	326.6	8.4	327.0	5.1	330.3
475 " "			8.5	326.9	7.3	328.1	7.8	327.6
500			9.3	326.1	8.7	326.7	7.2	328.2
530			9.7	325.7	8.0	327.4	6.7	328.7
550			9.6	325.8	8.9	326.5	7.2	328.2
M°Lin. El Cajon			10.1	325.4	7.4	328.0	5.7	329.7
B.M.			1.24	334.21		Mail in top of Post N.W. Cor. El Cajon Ave.		
	4.44	36.785	3.105	332.345				

Mississippi St.

5/3/04 Hutchinson.

			West		Cent		East	
M°Line El Cajon	336.785		15.7	321.085	14.0	322.785	13.4	323.385
50' North "			15.1	321.685	13.0	323.785	11.6	325.185
100' " "			12.2	324.585	11.7	325.085	11.6	325.185
150			13.0	323.785	11.4	325.385	10.4	326.385
200			12.4	324.385	9.7	327.085	9.0	327.785
250			9.9	326.885	8.9	327.885	6.5	330.285
265			8.8	327.986	7.0	329.786	6.2	330.685
300			7.0	329.8 ~~328.785~~	6.7	330.085	4.4	332.385
325			5.3	331.486	4.6	332.185	5.1	331.685
350			5.0	331.785	5.0	331.785	2.4	334.385
375			4.4	332.386	3.2	333.585	3.6	333.185
400			4.0	332.785	3.8	332.985	2.5	334.285
425			5.6	331.185	2.2	334.585	1.2	335.585
450			7.8	333.980	3.5	333.285	2.4	334.385
490			8.1	333.685	2.2	334.585	0.6	336.185
500			4.2	332.585	2.2	334.585	0.6	336.185
	7.325	41,235	7.875	33,910				
			4.20	337.065				

Mississippi.

		14.1 West		Cent		East		
~~550~~	4.40	341.465		337.065		5.0	336.5	
550								
570			6.2	335.265	6.1	335.365	5.0	336.465
570							3.7	337.765
Do Line of Meade								
Cent. " "								
Mo Line of Meade								
25' Mo of "					5.1	336.365		
50' " " "			5.0	336.465	5.7	336.765	7.0	334.465
70					5.0	336.465		
80					6.0	335.465		
100			6.9	334.565	5.5	335.965	7.9	333.565
115					7.7	333.765		
150			5.9	335.565	7.7	333.765	7.9	333.565
165			8.1	333.365				
200			9.8	331.665	6.5	334.965	7.7	333.765
215					8.0	333.5		
250			8.9	332.565	8.5	332.965	6.9	334.365
300			8.4	333.065	7.2	334.265	6.4	335.065
330			7.5	333.965				
350			7.1	334.365	6.8	335.165	4.8	336.665
400			5.6	335.865	4.0	337.465	3.7	338.285

Mississippi St

5/19/04

			West		Cent		East	
		341.465						
425							2.3	339.2
450			3.2	338.265	3.2	338.265	1.6	339.865
	7.16	345.93	2.695	338.77				
500			7.2	338.73	7.0	338.93	6.7	339.23
525			8.6	337.33			4.3	341.63
550			6.2	339.73	6.3	340.63	6.1	339.83
575					6.7	339.2		
So Line Monroe								
Cent "								
111° Line "								
	6.59	345.88		339.29				
25' N° of Monroe			6.8	340.08	6.7	340.18	5.7	340.68
50'			6.8	339.08	7.2	338.68	7.0	338.88
60'					6.0	339.88	6.1	339.78
100			6.8	339.08	7.4	338.48	8.3	337.58
125					5.5	340.38		
150			7.1	338.78	8.0	337.88	7.1	338.78
190					5.7	340.18		
200			7.5	338.38	7.2	338.68	8.6	337.28
225							7.7	238.2
250			4.4	337.48	8.0	337.88	8.1	337.18
300			9.0	336.88	8.5	337.38	8.5	337.38

Mississippi St.

	H.I.	West		Cent		East		
5.03	345.18		340.15					
350		9.0	336.18	7.6	337.6	7.2	~~334.98~~	338.0
~~360~~ M² of Monroe		7.9	337.28	8.3	336.88	7.8	~~334.38~~	337.4
~~375~~ 425				6.5	338.68			
~~400~~ 450		6.7	338.48	8.4	336.78	7.9	~~334.28~~	337.3
~~425~~ 475				5.4	339.78			
~~450~~ 500		6.5	338.68	7.5	337.68	7.5	337.68	
~~475~~ 535				5.3	339.88			
~~500~~ 550		7.2	337.98	7.2	337.98	4.9	340.28	
575				6.3	338.9			
~~550~~ At Line Madison								
Center " "								
M° Line " "								
25' no of "		6.4	338.78	4.5	340.68	2.9	342.28	
50' " " "		3.8	341.38	5.6	339.58	2.6	342.58	
75'				2.7	342.48			
100'		5.1	340.08	4.4	340.78	4.3	340.88	
125'				2.2	342.98			
150'		4.5	340.68	3.2	341.98	2.8	342.38	
175		3.5	341.68	1.2	343.98			
200		1.8	343.38	3.0	342.18	1.0	343.18	
10.32	352.96	2.5	342.64					
250		8.7	344.26	8.7	344.26	8.4	344.56	
275				9.1	343.26			
300		10.4	342.56	7.4	345.56	7.8	346.16	
325		8.4	344.56	8.8	344.16			
350		6.7	346.26	7.3	345.66	5.6	347.36	
375		9.1	343.86	6.3	346.66			
400		7.4	345.56	9.0	344.96	4.6	348.36	
450		7.7	345.26	6.4	346.56	5.5	347.46	
500		7.3	345.66	3.6	349.36	4.7	348.76	
515				5.1	347.86			

Mississippi

		H.I.	West		Cent	East		
550		352.96	5.2	347.76 ✓	4.3	348.66 ✓	3.6	349.36 ✓
575					3.5	349.5		
Lt Line	Adams		5.5	347.46 ✓	4.1	348.86 ✓	1.3	351.66 ✓
B.M.			5.46	347.50 ✓		Hub SW Cor Adams + Mississippi.		

Georgia St.

5/18/04 Hutchison.

		West		Cent		East	
	4.8	348.05	348.05	343.21			
	0.95	336.43	12.40	335.45			
Mo Line El Cajon		16.6	319.83	18.0	318.47 328.43	20.0	316.43
50 Mo of "		14.8	321.63	16.0	320.43	17.3	319.13
100 " "		12.7	324.23	14.7	321.73	15.2	321.23
150 " "		6.8	329.63	9.9	326.53	11.6	324.83
200 " "		0.8	335.63	3.8	332.63	6.1	331.33
225 " "	348.05	9.1	339.0	11.7		15.0	
250		7.5	340.55	9.1	338.95	12.2	33585
300 " "		6.1	341.95	6.6	341.45	8.6	339.45
325				6.4	341.65		
350 " "		4.8	343 25	5.7	342.85	6.7	341.85
400		3.8	344.25	4.6	343.45	5.4	342.65
425				4.5	345.55	4.1	343.35
450 " "		4.4	343.65	3.6	344.45	5.0	343.05
475		4.0	344.05	4.3	343.75		
500		3.7	344.85	4.8	346.25	4.4	343.65
525				4.4	343.85		
550 " "		3.7	344 35	4.1	343.95	4.6	345.45

Georgia

			West		Cent		East		
	6.79	350.00		343.21					
So Line of Meade			5.6	344.40	5.9	344.10	6.8	343.20	
Center "			5.6	344.40	5.4	344.60	6.6	343.40	
N° Line of Meade			4.6	345.40 ✓	5.6	344.40	4.4	345.60	
25					4.3	345.70			
50 N° of Meade			5.1	344.90	5.2		5.7	344.30	
75					4.9				
100 " "			4.9	345.10	4.9	345.00	3.7	346.30	
120							4.6	345.40	
150			4.3	345.70	3.9	346.10	4.8	345.20	
175							3.6	346.40	
200			4.1	345.90	4.0	346.00 ✓	4.6	343.40 ✓	
250			4.2	345.80	3.8	346.20	3.8	346.20	
300			4.2	345.80	2.8	347.20	3.5	346.50	
350			4.1	345.90	4.0	346.00	4.0	346.00	
	6.26	357.30	3.96	346.04					
375			3.8	348.50	6.0	346.30	5.8	346.50	
400			6.4	345.90	6.3	346.00 ✓	5.4	346.90 ✓	
425					4.1	348.20			
450			5.0	347.30	6.2	346.10	5.1	347.20	
490					3.9	348.40			
500			5.6	346.70 ✓	4.0	348.30 ✓	4.4	347.90 ✓	

Georgia

			West		Cent		East	
510 ~~525~~		352.30			5.2	347.10	5.5	346.80
525			5.0	347.30	4.0	348.30	4.5	347.80
550			5.1	347.20	5.0	347.30	4.0	348.30 ✓
590					4.9	347.20		
So Line of Monroe			4.7	347.60	3.3	349.00	5.2	347.10
Center " " "			4.9	347.40	5.2	347.10	4.9	347.40
Mo Line " "			4.7	347.60 ✓	5.3	347.00	4.0	348.30
			4.74	347.56				
25' No of Monroe			3.4	348.90				
50			4.6	345.70	5.0	347.30	5.7	346.60
75			3.9	348.40	3.9	348.40	5.6	346.70
100' " " "			3.3	349.00	4.5	347.80	5.5	346.80
125			3.0	349.30	2.6	349.70	4.4	347.90
150			4.1	348.2 ✓	3.3	349.00	3.1	349.20 ✓
	6.86	356.06	3.10	349.20				
200			5.1	350.96	6.6	349.46	5.6	350.46
225			6.5	349.56	6.6	349.46	7.6	348.46
250			6.4	349.66	5.0	351.06	6.8	349.26 ✓
275			5.7	350.36	6.4	349.66 ✓		

Georgia

			West		Center		East		
300		352.06	5.1	350.96 ✓	5.8	350.26	6.1	349.96	✓
325					3.7	352.36	7.2	348.86	
350			5.8	350.26	6.2	349.86	5.4	350.66	✓
375			3.6	352.46	~~5.6~~				
400			5.2	350.86	5.8	350.26	6.5	349.56	
450			5.1	350.96	4.2	351.86	5.9	350.26	
460					5.5	350.56			
500			5.2	350.86 ✓	4.2	351.86	5.7	350.36	
520							4.7	351.36	
550			5.0	351.06	5.3	353.13	5.5	350.26	✓
~~So Line of Madison~~ 6.68		5.43	4.31	351.75					
So Line of Madison			6.7	351.73	7.3	351.13	6.5	351.93	
Center " " "			5.9	352.53	6.5	351.93	7.9	350.53	
N " " "			6.2	352.23 ✓	6.2	352.23 ✓	5.5	352.93	✓
15' No of Madison			5.0	353.43	4.6	353.83	5.3	353.13	
50' " "			5.7	353.23	5.9	352.53	6.1	352.33	
100			5.0	353.43	4.5	353.93 ✓	5.8	352.63	✓

Georgia St.

			West		Cent.		East	
125		358.43	4.5	353.93	5.2	353.23	5.0	353.43
150			5.2	353.23	3.8	354.63	3.8	354.63
165					5.5	352.93		
200			3.9	354.53	5.2	353.23	4.6	353.83
240			4.7	353.73	4.7	354.23	4.7	353.73
250			2.1	355.03	5.0	353.43	4.2	354.23
285					4.5	353.93		
300			4.9	353.53	5.1	353.33	5.7	352.73
350			4.2	354.23	3.8	354.63	4.6	353.83
365					5.1	353.33		
400' N° of Madison			3.6	354.83	4.3	354.13	4.9	353.55
	3.57	357.07	4.98	353.45				

Florida

			East		Cent	West		
N.		357.02						
	3.97	348.37	12.62	344.40				
Center Line of North Adams			8.6	339.77	3.8	344.57	1.1	347.27
So " " " "			7.2	341.17	4.5	343.87	2.9	345.47
B.M.			2.90	345.47		Hub S.W. Cor. of No A		
20' So of " " "			7.4	340.97	5.1	343.27	3.4	344.97
~~50~~ 45			7.6	340.77	5.6	342.77	3.0	345.37
70' " " "			9.3	339.07	7.0	341.37	4.6	343.77
120 "			11.4	336.97	8.6	339.77	4.5	343.87
N° Line of So Adams			13.0	335.37	8.8	339.67	4.8	343.57
Center " " " "			14.7	333.67	9.2	339.17	5.2	343.17
So Line " " "			12.5	335.87	7.8	340.57	3.7	344.67
50' So " " "			10.9	337.47	7.5	340.87	4.7	344.17
100' "			11.3	337.07	8.4	339.97	5.9	342.47
150'			11.5	336.87	9.8	338.57	6.9	341.47
N 60			13.1	334.67	10.1	338.27	8.4	340.17
	3.05	339.87	11.55	336.82				

Florida St 5/18/04 Hutchison.

		East		Cent		West	
250 So of So Adams	339.87	6.3	333.57	2.8	337.07	1.4	338.47 ✓
260				3.7	336.17		
275						1.3	338.57
300		7.4	332.47	5.0	334.87	2.4	337.47
325							
350		9.1	330.77	5.4	334.47	3.7	336.17 ✓
No Line of Madison		10.3	329.57	7.5	332.37	5.1	334.77 ✓
		10.28	329.59				
Cent Line " "		10.8	329.07	8.6	331.27	5.1	334.77
So " " "		10.6	329.27	9.4	330.47	6.3	333.57
25				9.3	330.57		
50' So of "		11.6	328.27	10.9	328.97	8.6	331.27
75' " " "						8.5	331.37
100		12.9	326.97	12.4	327.47 ✓	9.6	330.27
150		14.4	325.47	12.2	327.67	9.6	330.26
T.P. 1.25	331.01	10.11	329.76				
200		7.2	323.81	5.5	325.51	1.6	329.41
250		7.3	323.71	6.0	325.01	3.1	327.91
275		8.5	322.51	5.5	325.51	3.1	327.91

Florida

		East		Cent	West		
300	331.01	8.5	322.51	6.5	324.51	4.0	327.01
350		9.8	321.21	7.4	323.61	4.4	326.61
400		11.1	319.91	7.4	323.61	4.8	326.21
450		11.2	319.81	8.2	322.81	5.5	325.51
500		10.7	320.31	8.7	322.31	5.5	325.51
550		10.8	320.21	7.3	323.71	5.6	325.41
Mo Line Monroe		11.6	319.41	9.1	321.91	5.8	325.21
1.2	326.38	5.87	325.14				
Cent Line Monroe		6.8	319.58	4.3	322.08	1.0	325.38
Do. " "		6.5	319.88	3.2	323.18	1.6	324.78
50 So of "		6.7	319.68	5.2	321.18	2.0	324.38
100 " " "		7.0	319.38	5.0	321.38	2.6	323.78
150 "		9.2	317.18	5.5	320.88	2.4	321.98
200 "		10.7	315.68	7.7	318.68	3.0	323.38
250		12.3	314.08	9.0	317.38	4.0	322.38
300		14.0	312.38	10.7	315.68	5.5	320.88
350		15.6	310.78	12.3	314.08	7.9	318.48

Florida

			East Line		Cent		West	
400		32638	15.9	310.48	13.2	313.18	9.2	317.18
	1.26	317.35	10.29	316.09				
450			8.0	309.35	4.9	312.45	1.0	316.35
500			8.5	308.85	5.5	311.85	2.7	314.65
550			9.5	307.85	6.5	310.85	3.7	313.65
No Line Made.								
Cent " "								
No Line "								
	4.55	317.36		312.805				
50' No of Made			12.8	304.56	10.2	307.16	7.3	310.06
100			14.5	302.86	11.5	305.86	8.9	308.46
150			14.5	302.86	11.6	305.56	8.2	309.16
200			16.3	301.06	14.0	303.36	11.4	305.96
	6.78	311.60	12.54	304.82				
250			10.1	301.50	7.6	304.00	5.7	305.90
300			10.8	300.80	8.4	303.40	4.1	307.50
350			10.5	301.10	8.4	303.40	4.4	307.20

Florida St

5/19/04

			East		Cent.	West	Line	
400		311.60	9.5	302.10	6.8	304.80	2.1	309.40
450			11.1	300.50	5.7	305.90	2.5	309.10
500			10.7	300.90	6.4	305.20	2.5	309.10
550			11.8	299.80	5.4	306.20	2.9	308.70
N° Line	El Cajon		11.8	299.80	6.8	304.80	4.2	307.40
	12.85	317.34	7.11	304.49				

Alabama St.

		H.I.	West		Cent		East	
N°Line	El Cajon	317.35	11.8	305.54	11.7	305.64	9.5	307.84
B.M.			11.85	305.49		Hub N.W.Cor. El Cajon + Alabam.		
50' No	of El Cajon		12.1	305.24	10.2	307.14	9.6	307.74
100'	" " "		11.2	306.14	9.5	307.84	8.7	308.64
150			9.8	307.54	9.6	307.74	6.5	310.84
200			9.7	307.64	7.7	309.64	4.1	313.23
225			8.3	309.04	7.8	309.54	4.1	313.23
250			8.3	309.04	6.2	311.14	4.2	313.13
300			9.2	308.34	5.0	312.34	3.9	313.44
325			8.3	309.04			—	
350			5.8	311.54	4.9	312.44	2.7	314.64
400			6.2	311.14	3.7	313.64	1.7	315.64
450			4.6	312.74	3.2	314.1	0.5	316.8
	9.60	325.46	1.48	315.86				
500			1.78	312.7 ~~309.54~~	7.8	317.7 ~~309.54~~	7.8	317.7 ~~309.54~~
550			1.18	313.7 ~~309.54~~	6.0	316.9 ~~309.74~~	7.5	318.0 ~~309.84~~
Do Line of Meade								

Alabama St.

	H.I.	West H.I.		Cut		East	
Center Line Mead							
Mc Line Mead							
	5.24	325.43	320.19				
50' No of Mead	325.43	8.9	316.53	6.9	319.43	4.2	321.23
100' " "		6.8	318.63	6.7	318.73	3.9	321.53
150		9.0	316.43	6.6	318.83	4.0	321.43
200		8.2	317.23	6.1	319.33	4.7	320.73
225				x		3.4	322.03
250		8.2	317.23	6.1	319.33	4.4	321.03
300		7.5	317.93	5.8	319.63	3.7	321.73
350		6.9	318.53	4.4	321.03	2.6	322.83
400		5.2	320.23	4.4	321.03	1.8	323.63
	9.36	331.69	3.10	312.33			
450		1.9	319.79	9.3	322.39	7.4	324.29
500		11.8	319.89	9.3	322.39	7.3	324.39
550		11.4	320.29	9.4	323.49	6.0	325.69

Dr Line of Monroe.

Cont From Page 60

Alabama St.

			East		Cent		West	
Center line Monroe								
No. Line Monroe.								
	9.71	346.27		336.57				
So. Line Adams.			3.8	342.47	6.4	339.87	9.7	336.57
50' So of Adams.			4.9	341.37	7.3	338.97	10.4	335.87
100' " " "			6.2	340.07	7.8	338.47	10.0	336.27
150			6.9	339.37	7.4	338.87	9.2	337.07
200			7.1	339.17	7.7	338.57	8.7	337.57
250			7.7	338.57	8.2	338.07	8.7	337.57
300			8.7	337.57	9.3	336.97	9.2	337.07
350			9.1	337.17	10.6	335.67	10.0	336.27
	4.03	339.40	10.90	335.37				
400			4.9	334.50	3.5	335.90	4.8	334.60
425			4.7	335.20	5.5	333.90	3.7	336.76
450			3.7	336.20	6.7	333.20	5.8	333.60
475					5.4	334.00		
500			5.8	33366	7.7	332.20	5.9	33358
550			6.0	33340	7.6	33180	7.8	331.60

Alabama

			East		Cent		West	
Mo Line Madison 339.40								
Center " "								
So Line "								
	346	334.18	5.68	330.72				
50' So of Madison			3.6	330.58	5.1	329.08	5.8	328.38
100' " " "			3.8	330.38	4.8	329.38	6.9	327.28
125			5.4	328.78	6.2	327.98		
150			5.5	328.68	6.8	327.38	6.9	32728
160			5.5	328.68			6.0	328.18
200			4.6	329.58	6.9	327.28	7.4	326.78
215			6.0	328.18				
250			6.5	327.68	7.2	326.98	7.3	32688
265							6.6	327.58
300			6.7	327.98	8.0	326.18	8.7	325.98
350			7.3	326.88	7.6	326.58	7.5	326.68
400			7.6	32658	8.6	325.08	9.1	325.08
450			8.0	326.18	8.3	325.88	9.3	329.88

Alabama St.

East

500		324.18	7.3	326.88	8.5	325.68	10.0	324.18
550			7.6	326.58	8.5	325.68	10.1	324.08
			~~9.32~~	~~324.86~~				
			12.35	321.83				

N° Line of Mirrors

Center Line "

Continued on Page 57

West

Adams St.

5/19/04.

	H.I.	Mc Line		Cut		Mc Line		
	6.99	358.085		351.095				
B.M.	5.23	359.94	3.375	354.71	T.R. Spk in Tel. Pole S.E. Cor. Adams St Park Boulv			
East Line Park Boulv			5.2	354.74		354.74	5.0	354.94
40'				4.8		355.14		
50' East of " "			5.7	354.24		354.54	5.6	354.34
100			5.5	354.44		354.04	4.3	355.64
150			4.5	355.44		355.34	5.8	354.14
160				5.9		354.04		
200			5.0	354.94		354.04	4.5	355.44
250			5.8	354.14		353.74	6.1	353.84
West Line of Georgia			5.5	354.44		353.64	5.0	354.94
Center "			6.8	353.14		353.54	5.8	354.14
East " " "			6.6	353.34		353.34	6.5	353.44
	4.89	357.85	6.98	352.96				
50' East of Georgia			6.0	351.85		353.25	5.7	352.05
75' " " "				5.01		352.85		
100			6.1	351.75		351.95	6.7	351.15
150'			4.9	349.95		349.75	8.0	349.85

Adams St.

	H.I.	Mc Line		Cent	Ad Line		
200	357.85	9.5	348.35	9.5	348.35	9.9	347.95
250		12.2	345.65	11.2	346.65	11.2	346.65
	V.87 350.925	9.795	348.055				
West Line Florida		7.0	343.925	7.7	343.225	6.4	344.325
North Adams. West Line Florida		4.6	346.325	3.5	347.425	3.4	347.525
B M.		5.275	345.5-10		Hub S.W. Cor. Mc Adams + Florida		
Center Line Florida. Mc Adams		7.4	343.525	6.3	344.625	7.0	343.925
East Line Florida		13.3	337.625	11.1	339.925	9.9	341.025
	1.075 340.49	11.51	339.415				
70' East of Florida		8.1	332.39	5.6	334.89	6.8	333.69
50		17.0	323.49	16.3	324.19	16.0	324.49
100		40.0		40.0		40.0	
150		64.0		64.0		64.0	
200		40.0		40.0		40.0	
250		12.4	328.09	12.9	328.19	15.0	325.49
275		3.8	336.69	5.0	335.49	9.5	330.99
B.M.	11.025 347.585	3.93	336.56		Hub S.W. Cor Alabama + Adams		

			No Line		Cent	Line	No Line	
West Line Alabama		347.585	9.2	338.385	9.1	338.485	11.0	337.585
Center " "			6.9	340.685	7.4	340.185	7.8	339.785
East " "			5.2	342.385	5.7	341.885	5.1	342.485
50' East of Alabama			4.1	343.485	4.2	343.385	4.6	342.985
75' " " "							3.6	
100' " " "			3.2	344.385	3.4	344.185	3.5	344.085
125					2.7	345.385		
150			3.1	344.485	3.0	344.085	2.5	345.085
200			2.2	345.385	0.2	347.385	1.1	346.485
	1.36	356.795	2.15	345.435				
250			10.0	346.795	9.9	346.895	10.1	346.695
275			7.1	349.695	8.0	348.795	10.3	346.495
West Line Mississippi			8.2	348.595	8.1	348.695	9.2	347.595
B.M.			9.2	~~347.585~~ 347.50		Hub S.W. Cor. Mississippi		
Center " "			6.4	350.395	5.7	351.095	7.9	348.895
East " "			11.2	352.595	5.2	351.595	5.3	351.495
50' East of "			3.7	353.095	3½	353.295	5.0	351.795
70' " " "					N½	354.295		

Adams St.

			No Line		Cent		So Line	
100' East of ~~Alat~~ Mississ.		356.795	1,6	355.195	3,6	353.195	4,2	352.595
150			3,4	353.395	4,0	352.795	4,8	351.995
175					3,1	353.695		
200			5,2	351595	4,6	352.195	5,8	350.995
	3.805	354.205	6.395	350.40				
225			2.6	354.195				
250			4,8	351.995	4,6	352.195	2,5	354.295
260							4,8	351.995
West Line Louisiana			4,8	351.995	4,4	352.395	4,5	352.295
Center " "			4,5	352.295	4,6	352.195	4,8	351.995
B.M.	5.05	354,14		349.09		Hub S.E. Cor. Louisiana + Adams		
East Line Louisian			5,1	349.04	5,3	348.84	5,0	349.14
35' East of Louisian			4,7	359.44				
50' " "			5,8	348.34	6,1	348.04	5,0	349.14
60'							4,8	
100'			7.6	346.54	7.7	346.44	7.2	346.94
120			9.5	344.64	9.2	344.94	7.8	346.34
	0.62	342.355	12.405	341.735				

Adams St.

			No Line		Center Line		So Line.	
150' East of Louis		342.35	7.5	334.855	9.1	333.255	+1.0	343.4
200' " " "							5.4	337.0
	0.515	330.73	12.64	329.715				
200					11.1	319.1		
	0.99	319.34	11.88	318.35				
200'			11.6	307.7				
250					11.2	308.1	9.5	309.8
	0.74	308.32	11.76	307.58				
B.M.	7.95 / ~~8.10~~	303.41 / ~~303.56~~	12.86	295.46				
250			9.3	294.1				
260			9.3	294.11	5.0	298.41	0.2	303.21
270			9.5	293.91	5.0	298.41	1.0	302.41
		300.75						
West line Texas			11.7	278.05	15.8	284.95	9.1	291.65
Center " "			13.6	287.15	17.0	283.75	19.0	281.75
East " "			+3.3	304.0	+2.7	303.4		307.5
	12.64	317.99	0.45	300.30				

Adams Ave

	H.I.	No Line		Cent		No Line	
	312.94						
12.45	324.96	0.43	312.51				
1200	336.90	0.06	324.90				
50' East of Texas		3.8	333.10	5.5	331.40	3.5	333.40
13.20	349.32	0.78	~~0.78~~ 336.12				
1305	361.35	1.02	348.30				
100' East of Texas		4.0	357.35	5.3	356.05	4.2	357.15
1330	372.10	2.55	358.80				
150' East of Texas.		4.6	366.50	6.1	366.00	7.0	365.10
200' " " "		2.0	370.10	2.7	369.40	3.6	368.50

Mission Ave

5/20/04

Location	H.I.		North Line.		Center Line		South Line	
	6.32	348.635		342.815				
East Line Park Boulevard			6.5	342.135	6.0	342.635	6.7	341.935
50' East of " "			5.1	343.535	5.4	343.235	5.8	342.835
Intersection Mc Line Meade							5.0	343.635
50' East of " " " "							4.0	344.635
75								
100 " "							4.4	344.235
							2.3	346.335
150							3.8	344.835
							3.3	345.335
200							3.3	345.335
100' East of Park Boulevard			3.3	345.335	4.2	344.435		
120' " " " "			3.3	346.3				
150 "			4.1	3445	3.5	345.1		
175			3.6	345.0				
200 "			2.1	346.5	3.4	345.2		
225			1.5	347.1				
250			2.1	346.5	4.5	346.1		
290			1.6	347.0				
300			2.8	345.8	4.6	346.0		
	4.46	350.555	350.555	2.54	346.095			
325				2.8	347.8			
350				4.8	345 8	4.3	346.3	

Mission

			Hi. No. Line		Center		So. Line	
			350.555					
West Line Georgia			4.8	345.8	4.5	346.1	4.9	345.7
Center " "			4.4	346.2	4.3	346.3	5.2	345.4
East " "			4.5	346.1	4.5	346.1	5.2	345.4
25' East " "			3.7	346.9				
50' "			4.7	345.9	4.4	346.2	5.2	345.4
100			5.4	345.2	5.2	345.4	5.6	345.0
150			5.3	345.3	6.5	344.1	6.9	343.7
160			6.9	343.7	7.0	343.6	6.9	343.7
200			8.7	341.9	89	341.7	9.2	341.4
250			16.0	334.6	13.4	337.2	14.1	336.5
	1.09	338.92	12.725	337.83				
300			10.7	328.2	8.8	330.1	8.5	330.4
350			13.5	325.4	14.7	324.7	14.6	324.3
	0.42	376.63	12.71	326.21				
West Line Florida			11.7	324.4	11.7	324.4	11.9	323.7
Center " "			4.4	322.2	5.7	321.4	6.6	320.0

	H.I.	No Line		Center		So Line	
East Line Florida	326.63	6.9	319.7	7.4	319.2	9.8	317.2
50' East of " So Line				8.6	318.0	10.3	316.3
Intersection with Monroe		6.9	319.7				
Center Line Monroe		10.2	316.4				
Intersection No Line Monroe		9.7	316.9				
100' East of Florida				10.0	316.0	10.8	315.8
150' " " "						10.9	315.7
Intersection So Line Monroe				11.0	315.6		
200' East of Florida				10.3	316.3	11.8	314.8
	10.7	327.60	9.77	316.86			
50' East of Intersect of No Line Monroe			8.6	319.0			
75' " " " " " " "			6.2	321.4			
100' "			6.4	321.2			
150'			4.7	322.9			
200'			3.1	325.5			
Intersection So. Line Monroe						9.4	318.2
" Center " "						5.6	322.0

Mission

			No Line		Center Line		So Line	
		327.60						
West Line Alabama							4.6	323.0
No Line Monroe					6.6	321.0	3.4	324.2
West Line Alabama			2.8	324.8	3.7	323.9		
Center " "			1.9	325.7	1.8	325.8		
East " "			1.0	326.6	0.8	326.8	0.2	327.4
	12.15	338.05	1.70	325.90				
40' East of Alabama.			10.4	327.7				
50' " " "			9.0	329.1	10.0	328.1	9.7	328.4
70' " " "			8.4	329.7			8.5	329.6
100'			8.8	329.3	8.5	329.6	9.1	329.0
125			7.0	331.1			6.9	331.2
150			7.3	330.8	7.0	331.1	5.3	332.8
175			4.5	333.6				
200			5.9	332.2	5.7	332.9	5.1	333.0
250			5.0	333.1	3.5	334.6	3.7	334.9
270			7.1	335.4				
300			3.0	335.1	7.0	336.1	7.5	335.6
315							0.6	337.5

		~~We Line~~	No Line	~~Cent~~	Center		So Line	
		338.05						
	8.52	344.38	2.19	335.86				
325' East of Alabama.			7.9	336.5				
350			8.4	336.0	7.3	337.1	7.2	337.2
West Line Mississippi			8.1	336.3	7.4	337.0	7.4	337.0
Center " "			7.3	337.1	6.6	337.8	6.5	337.9
East " "			7.0	337.4	6.6	337.8	7.0	337.4
30' East of "			5.8	338.6				
50' " " "			4.3	340.1	5.8	338.6	7.1	337.3
60' " " "			5.5	338.9				
100' " " "			5.4	339.0	4.7	339.7	6.8	337.6
125			2.7	341.7				
150			4.1	340.3	4.1	340.3	4.0	340.4
185							2.6	341.8
200			1.6	342.8	3.0	341.4	4.1	340.3
250			2.3	342.1	2.2	342.2	0.8	343.6
275							2.7	341.7

Mission Ave

5/20/04

	H.I.		Mc Line		Center		So Line	
300' East of Mississippi	344.38		2.5	341.9	2.2	342.2	2.9	341.5
			2.68	341.70				
	5.32	348.10		342.78				
Intersection So Line Madison			6.3	341.8				
350' East of Mississippi					5.6	342.5	6.3	341.8
West Line Louisiana					5.8	342.3	6.2	341.9
Center " "			3.4	344.7	5.4	342.7	6.0	342.1
East " "			4.7	343.4	5.1	343.0	6.3	341.8
~~3.94~~	~~H.I. 349.00~~	~~345.06~~						
	3.94	349.00		345.06				
Intersection Mc Line Madison			5.0	344.0				
50' N.E. of Intersection			4.7	344.3				
100			3.6	345.4				
110			2.4	346.6				
150			4.0	345.0				
West Line alley Blk. 19'			3.6	345.4				
East " " "			3.4	345.6				

5/24/04

Mission Ave.

		H.I	No Line
		$349.00	
430'	So of So Line Adams Ave		1.0 348.0
400	" " " " "		3.0 346.0
380			1.5 347.5
350	" "		2.00 347.0
300	"		3.9 345.1
275	"		3.1 345.9
250	"		4.3 344.7
200	"		3.4 345.6
150	"		5.3 343.7
100	"	346.77	4.6 344.4
75			6.8 342.2
50	"		14.0 235.0
		~~350.38~~	
So Line Adams		343.61	8.9 314.7

Mission Ave

349.00

Intersection So. Line Madison

" No. " "

600' So. of So. Line of Adams

500' " " " " "

500 "

475

450

400

350

300

	400	346.77	6.23	342.77
275				
250				
225				
200				
160				
150				
125				
T.P.	121	335.39	12.60	334.17
115				

Center Line		So Line	
		5.6	343.4
4.7	344.3	3.4	345.6
4.2	344.8	4.2	344.8
3.5	345.5	2.9	346.1
3.1	345.9	1.6	347.4
		00	349.0
2.6	346.4	3.0	346.0
3.1	345.9	4.4	344.6
4.4	344.6	7.0	342.0
5.5	343.5	11.5	338.5
4.5	342.3		
4.2	342.6	12.3	336.5
6.4	340.4		
5.7	341.1		
4.0	338.8		
9.5	337.3		
12.6	334.2		
9.9	326.5		

Mission Ave

H.I.

3.35.38

200'	So. of So Line of Adams				
160'	" " " " "				
		0.64	323.61	12.41	322.97
150'	" " "				
100					
95'	" "				
75					
		0.37	311.33	12.65	310.96
50'	" "				
100	" "				
50'	" "				
35"					
So Line Adams					
		170'	300.75	17.78	299.05
So Line Adams					

Center Line So Line

		7.2 Wagon Road	328.2
		12.3 Wagon Road	323.1
		4.7	318.5
5.2	318.4		
9.5 Wagon Road	314.1		
11.6 Wagon Road	312.0		
6.9	304.4		
		18.0	293.3
		14.0	297.3
		8.9	302.4
		8.8	302.5
13.9 ~~14.0~~	286.9		

Texas St.

			Rod East Line	Elevation East Line	Center	Rod West Line	Elev. West Line
	11.42	306.88		295.46			
So Line Adams			4.3	302.6			
50' So of "			1.2	305.7	16.3	290.5	
100' " "			8.1	298.8	2.4	304.5	
	13.08	319.26	0.70	306.18			
50' So of Adams						Wagon Road 9.3	310.0
100' " "						Wagon R. 2.4	316.9
150			15.2	304.1			
	12.16	330.46	0.96	318.30			
135					Wagon Road 10.0	320.5	
150					Wagon Road 9.7	321.8	
200			18.0	312.5	7.3	328.2	
	11.55	341.96	0.75	329.71			
110						11.7	330.1
150						4.7	337.1
200						7.9	338.4
250			17.0	324.3	Wagon Road 8.1	333.2	7.5 338.8
300			9.0	332.3	3.5	337.8	11.0 342.3
			0.65	340.61			

Texas St.

			East		Cent		West Line	
	10.45	35.06		340.6				
350	So of Adams		12.7	338.4	Wagon Rd 8.8	342.3	7.9	343.2
400	" " "		7.0	344.1	7.2	343.9	6.1	345.0
~~450~~			5.7	345.4				
440			2.7	348.4				
450			4.7	346.4	5.3	345.8	5.0	346.1
500			3.4	347.7	4.9	346.2	5.0	346.1
525			4.0	347.1			3.7	347.4
550			4.3	346.8	5.1	346.0	5.6	345.5
575							3.7	347.4
~~No Line Texas~~	N 3.35	348.41	~~6.00~~	345.06				
No Line Madison								
Center "								
So Line Madison								
50 So of "			4.9	345.5	3.8	344.6	4.6	343.8
100 " " "			4.7	344.2	4.0	344.4	5.7	343.2
150			4.1	344.3	4.1	344.3	5.5	342.7
700			4.1	343.7	4.3	344.1	5.1	342.7

Texas,

		East		Center		West	
250' So of Madison	348.41	4.2	344.2	4.8	343.6	5.6	342.8
300		5.3	343.1	5.4	343.0	6.2	342.2
350		6.0	342.4	5.8	342.6	6.6	341.8
400		6.6	341.8	6.5	341.9	6.61	341.8
450		7.6	340.8	6.8	341.6	8.2	340.2
500		7.0	341.4	7.4	341.0	8.4	340.0
550		8.3	340.1	8.1	340.0	8.8	339.6
M° Line Monroe							
Center "							
Ave "							
	2.26 341.84	9.38	339.08				
50' So of Monroe		2.4	338.9	2.3	339.0	3.3	338.0
75		0.0	341.3				
100		1.3	340.0	3.0	338.5	3.5	337.8
150		4.0	337.81	3.6	337.7	4.7	336.6
200		4.5	336.8	4.4	336.9	5.6	335.7
240						3.9	337.4
250		5.1	336.2	5.4	336.1	6.5	334.8

		East.		Center		West ~~East~~	
	341.34						
300' So of Monroe		6.1	335.2	5.8	335.5	4.6	336.7
320		3.9	337.4			7.0	334.3
350		4.3	337.0	6.0	335.3	5.9	335.4
360						7.4	333.9
400		6.9	334.4	6.2	335.1	7.5	333.8
440		5.4	335.9			7.4	333.9
450		7.3	334.0	6.9	334.4	5.6	335.7
500		5.9	335.4	7.5	333.8	8.2	333.1
525		8.4	332.9				
550		7.4	333.9	8.0	333.3	9.7	331.6
No Iron Made							
Center							
do 2nd C	334.89	8.61	333.18				
50' So of Mine		4.0	330.9	4.1	330.8	5.9	329.0
75' " " "		4.6	332.3				
100' " " "		5.1	329.8	5.7	329.5	7.0	327.9
145		7.9	332.0				
150		5.3	229.6	5.9	329.0	6.7	328.2

Texas St.

5/24/04

	East		Center	West		
33489						
200	6.6	328.3	6.3	328.6	8.2	326.7
225	4.3	330.6			6.5	328.4
250	6.5	328.4	7.3	327.6	9.2	325.7
300	6.8	328.1	7.9	326.0	9.8	325.1
350	8.0	326.9	8.4	326.5	10.6	324.3
375	7.1	327.8			9.7	325.2
400	9.4	325.5	8.9	326.0	10.0	324.9
450	9.2	325.7	9.7	325.2	9.4	325.5
475	10.5	324.4			11.9	323.0
500	9.4	325.5	10.3	324.6	11.0	323.9
550	10.9	324.0	10.6	324.3	11.6	323.3
Mo Line El Cajon	9.8	325.1	10.6	324.3	12.0	322.9

313 88
2.465
316.345 H
1.245
306.10

153

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

TRAVERSE TABLE FOR TRANSIT BOOK

From 1° to 90° for a distance of 100.

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

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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