Maple St.

4th St.

Tripp's Road

a Jolla gate to City Limits on
ada Vista Road

F.B. 118

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
[illegible]	44⅓	39	91	59	137⅔
[illegible]	46⅔	40	93⅓	60	140

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TABLE FOR RUNNING ON SLOPES.

In the following table the first column shows the angle, the second the number of links to be added to a chain on the slopes, to make one chain, horizontal measurement.

Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links	Angle	Cor. in Links
°		°		°		°	
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	[illegible]	8.64	30	15.47
10	1.55	17	4.56	[illegible]	9.47	35	22.07

118
Return to City Engineers Office
City Hall, San Diego, Cal.

Book no. 118

name. date.

Survey of Road from a point on the La-Jolla Road Near the Gate North East of La Jolla to the City Limits on the Linda Vista Road 2-19

Maple Str. 21-39

24th Str H to N 40-64

F Str 25 Str to 150 E. of 25th 71-73

Webster Place 74-75 77-80

Stadia Meas. of Pond app Long Beach La Jolla 76

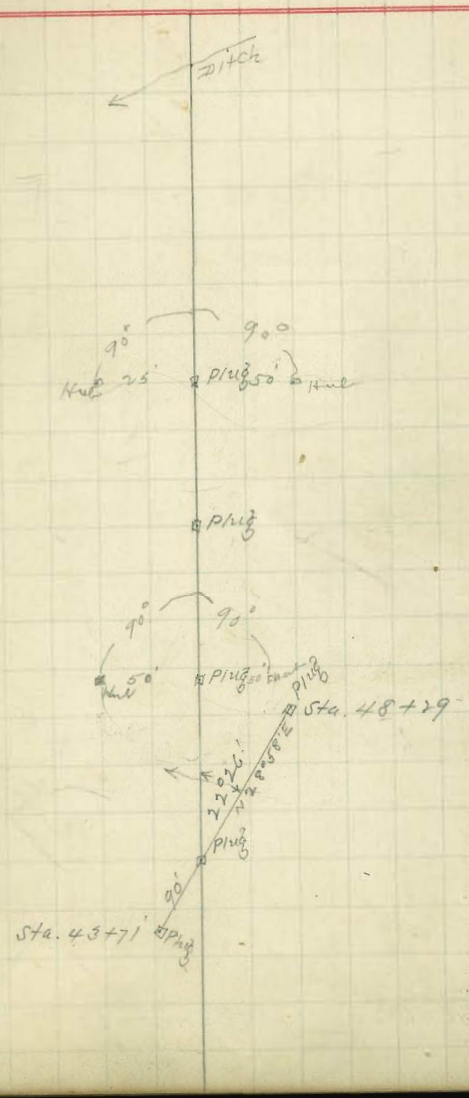
5/13/03
Rumsey
Wilkinson
Lambert

Survey for Road from a point on the La Jolla Road, Near the gate North East of La Jolla, to the City Limits, on the Linda Vista Road

2

Sta.	Ang.	Bearing	Mag. Bear
16			
15			
14			
13	754'		
12			
11			
10	○ R47°28'	N83°11'E	N69°10'E
9			
8			
7	626'		
6			
5			
4			
3 +74	○ R29°11'	N35°43'E	N21°40'E
2			
1	374'		
0 =		N6°32'E	N7°30'W

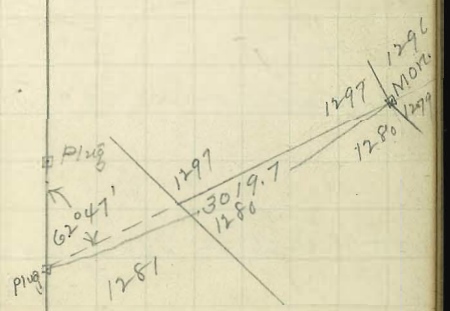
44+61 - "Main Line"
See Page 21 - Boulevard Survey Book #125



5/14/03

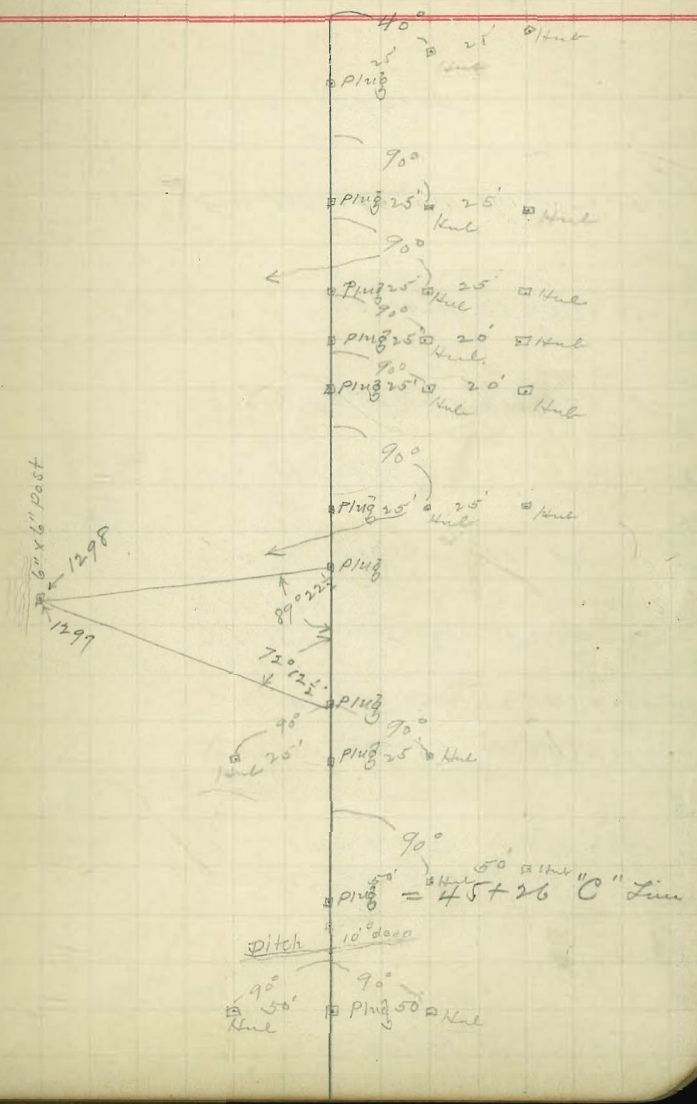
Sta.	Ang.	Bearing	Mag. Bem.
37 +50 △			
36			
35			
34			
33			
32			
31			
30			
29			
28			
27			
26			
25			
24			
23			
22			
21			
20			
19			
18			
17 +54' ⊙	L 56°23'	N 26°48'E	N 12°45'E

Sta.	Ang.	Bearing	Mag. Bear.		
58					
57					
56					
55					
54					
53					
52					
51					
50					
49					
48					
47					
46					
45					
44					
43	△				
42					
41					
40 +81	△				
39					
38					



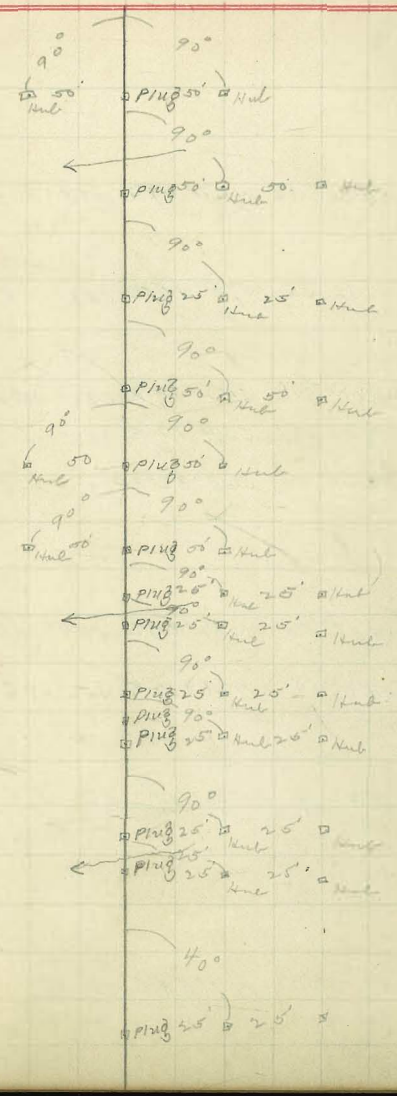
5/16/03

Sta.		Ang.	Bearing	Mag. Bear.
79	+30	⊙R65°37'	N65°16'E	N51°15'E
78				
77				
	+98	⊙R21°45'	N0°21'W	N14°40'W
76				
75		⊙L45°58'	N21°48'W	N36°10'W
74		⊙R23°51'	N22°06'E	N9°50'E
73		⊙R15°16'	N0°01'E	N14°00'W
72				
71				
70	+50	⊙L18°42'	N15°15'W	N29°20'W
69	+20	△		
68				
67				
66	+34	△		
65	+05	⊙R31°54'	N3°27'E	N10°35'W
64				
63				
62	+18	⊙L26°44'	N28°27'W	N42°30'W
61				
60	+50	⊙L28°31'	N1°43'W	N15°45'W
59				

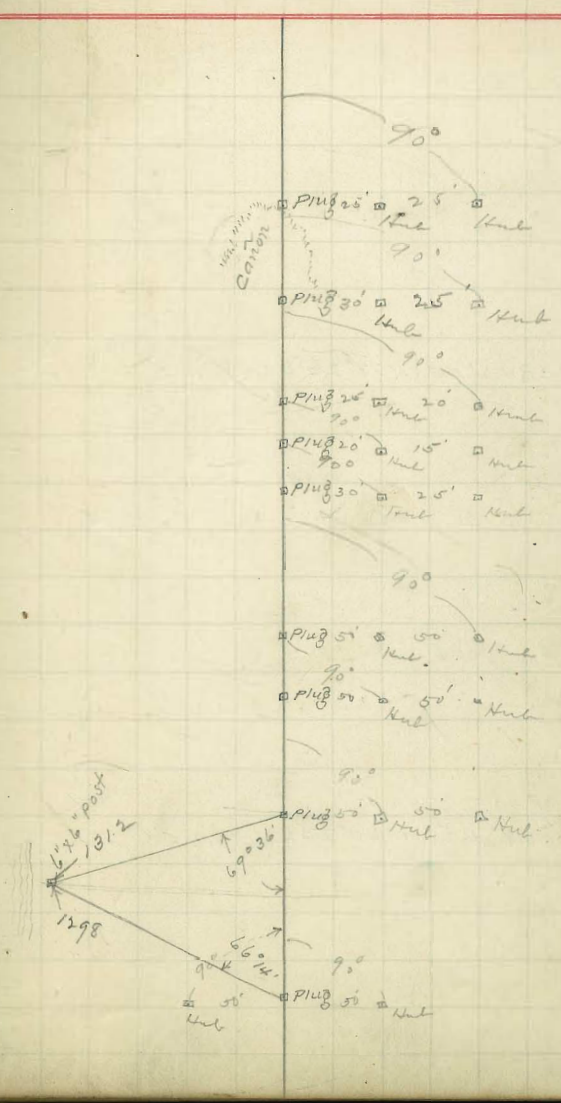


5/18/03

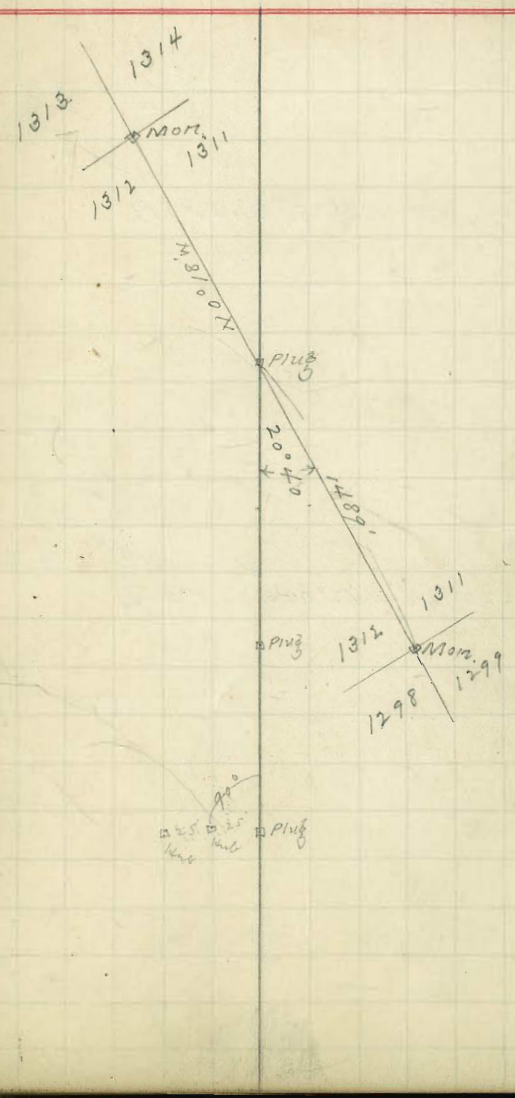
Sta.	Arg.	Bearing	Mag. Bear.
100			
	+90	R49°13'	N4°49'W	N19°00'W
99			
98			
	+95	L78°17'	N54°02'W	N68°10'W
97			
96			
95	+58	L38°53'	N24°15'E	N10°10'E
94			
	+81	R55°10'	N63°08'E	N49°00'E
93			
92	+12	R30°47'	N7°58'E	N6°10'W
91			
90	+41	R52°54'	N22°49'W	N37°00'W
89	+42	L48°14'	N75°43'W	N89°55'W
	+81	L77°38'	N27°29'W	N41°40'W
88			
87	+42	R41°21'	N50°09'E	N36°00'E
	+92			
86	+40	R35°54'	N8°48'E	N5°25'W
85				
84	+33	L52°09'	N27°06'W	N41°10'W
	+62	L80°07'	N25°03'E	N11°00E
83				
82				
81				
80	+15	R39°54'	S74°50'E	S88°50'E



Sta.	Anz.	Bearing	Mag. Bear.		
121					
120					
119					
×	+85	⊙L 35°38'	N69°07'E	N55°00'E	
118					
117					
	+81	⊙L 32°36'	S75°15'E	S89°15'E	
116					
115					
	+65	⊙R 11°31'	S42°39'E	S56°35'E	
114					
	+85	⊙R 9°22'	S54°10'E	S68°10'E	
113					
	+93	⊙R 44°23'	S63°32'E	S77°35'E	
112					
111					
110					
×	+65	⊙R 45°53'	N72°05E	N58°00'E	
109					
108	+45	⊙R 9°55'	N26°12'E	N12°10'E	
107					
106		R 8°19'	N16°17'E	N2°15'E	
105					
104					
103					
102	+20	⊙R 12°47'	N7°58'E	N6°10'W	
101					

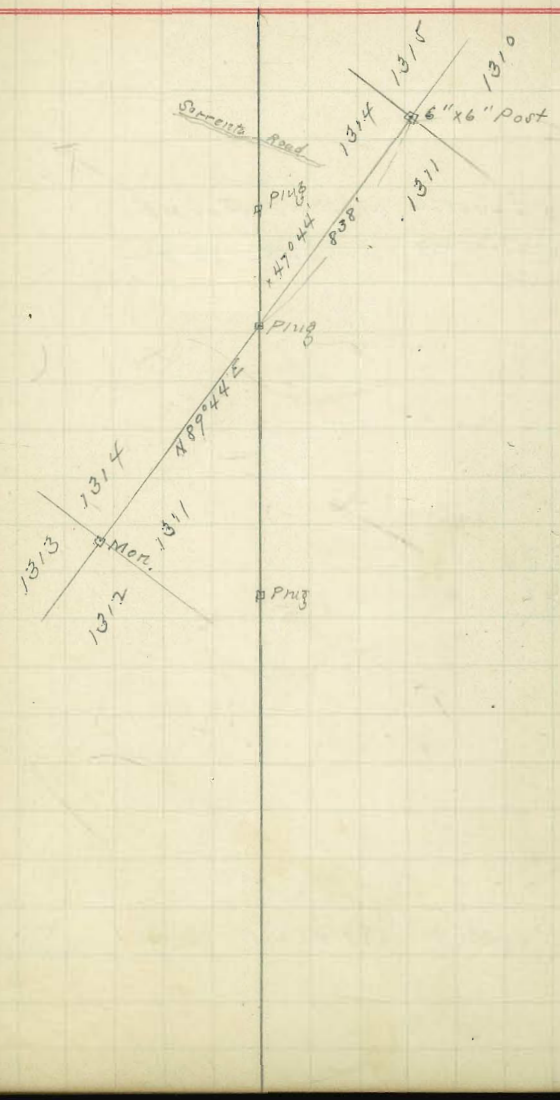


Sta.	Ang.	Bearing	Mag. Bear.		
142					
141					
140					
139					
138					
137					
136 +42	R 42° 04'	N 62° 26' E	N 48° 15' E		
135					
134					
133					
132					
131					
130 +45					
129					
128					
127					
126 +50	48° 45'	N 20° 22' E	N 6° 10 E		
125					
124					
123					
122					

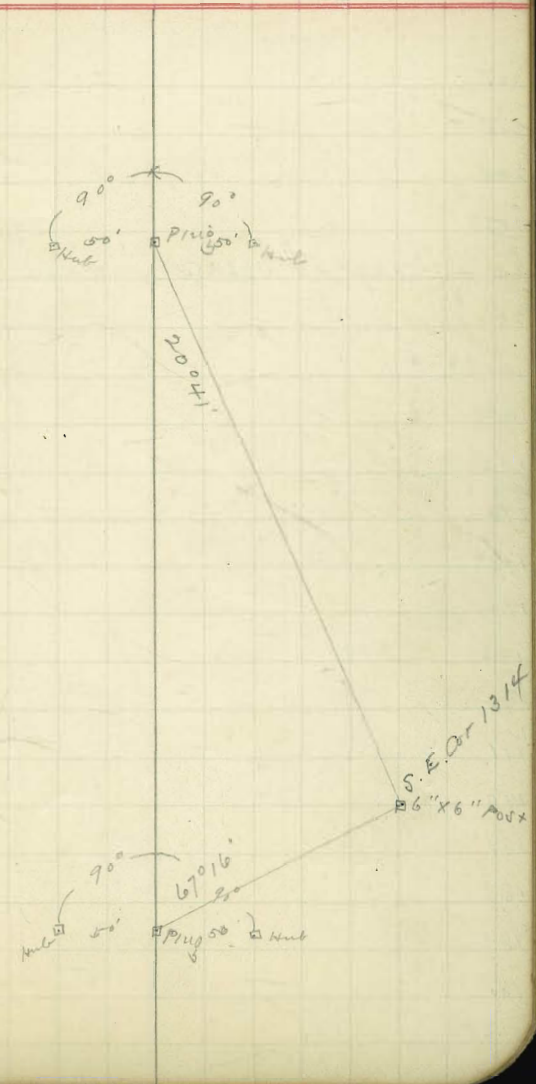


5/22/03

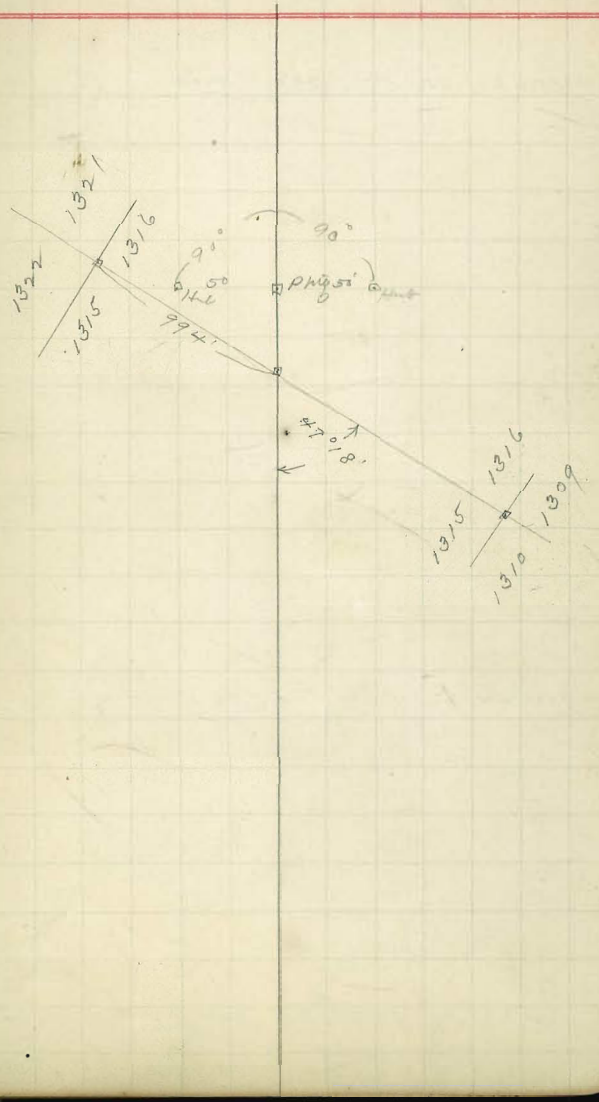
Sta.	Ang.	Bearing	Mag. Bear.		
163					
162					
161					
160 +50	R 14° 50'	N 56° 50' E	N 42° 45' E		
159					
158 +06.56					
157					
156					
155					
154					
153					
152 +50	L 20° 26'	N 42° 00' E	N 27° 50' E		
151					
150					
149					
148					
147					
146					
145					
144					
143					



Sta.	Ang.	Bearing	Mag. Bear.
184			
183			
182			
181	+35 L45°23'	N47°06'E	N33°0'E
180	~~+35 L45°23~~	~~N47°06'E~~	~~N33°0'E~~
179			
178			
177			
176			
175	2/20/06		
174	1500 (1450)		
173	(1400')		
172			
171			
170			
169			
168			
167			
166	+35 R35°39'	S87°31'E	N78°30'E
165			
164			



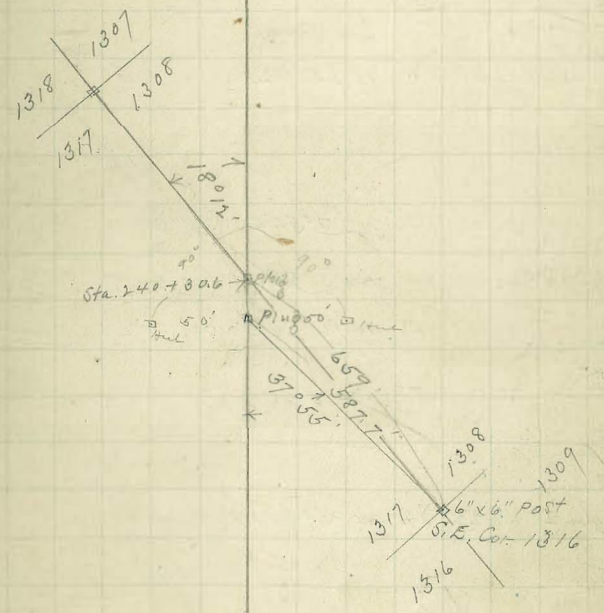
Sta.	Ang	Bearing	Mag. Bear.		
205					
204					
203					
202					
201 + 50	R 29° 47'	N 76° 53' E	N 62° 40' E		
200					
199 + 26					
198					
197					
196					
195					
194					
193					
192	2015				
191					
190					
189					
188					
187					
186					
185					



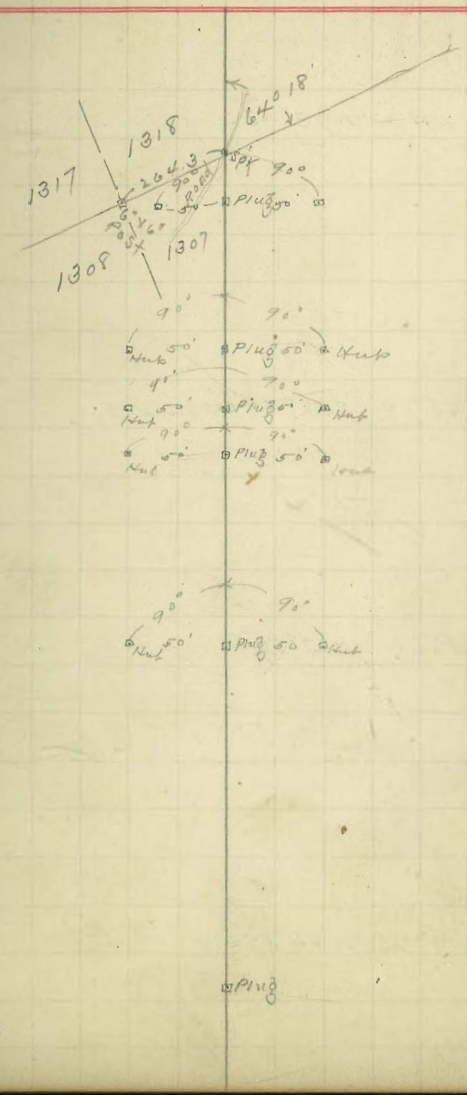
Sta.	Ang.	Bearing	Mag. Bear.
226 +60	L 18° 21'	S 54° 32' E	S 69° 0' E ✓
225			
224			
223			
222			
221			
220	1270'		
219			
218			
217			
216			
215			
214			
213 +90	R 46° 02'	S 36° 11' E	S 50° 30' E ✓
212			
211			
210			
209	655'		
208			
207 +35	R 20° 54'	S 82° 13' E	N 83° 30' E
206			

Sta.	Ang.	Bearing	Mag. Bear.	
247				
246				
245				
244				
243				
242				
241				
240 +30.6 +05				
	L 17°26'	S 71°58"E	S 86°40'E	15.5
239				
238				
237				
236				
235				
234				
233				
232				
231				
230				
229				
228				
227				

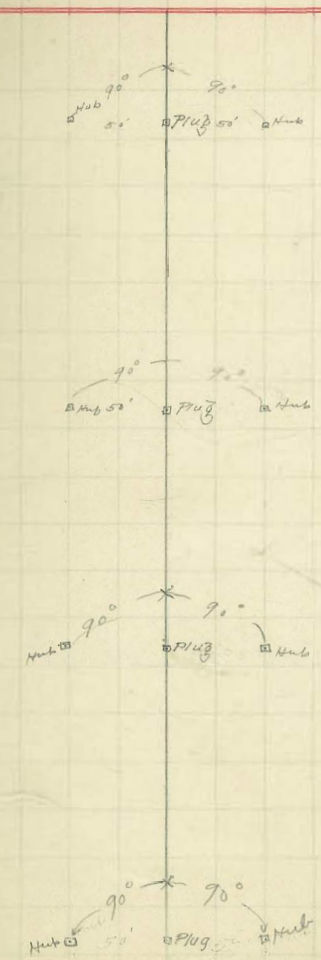
1345



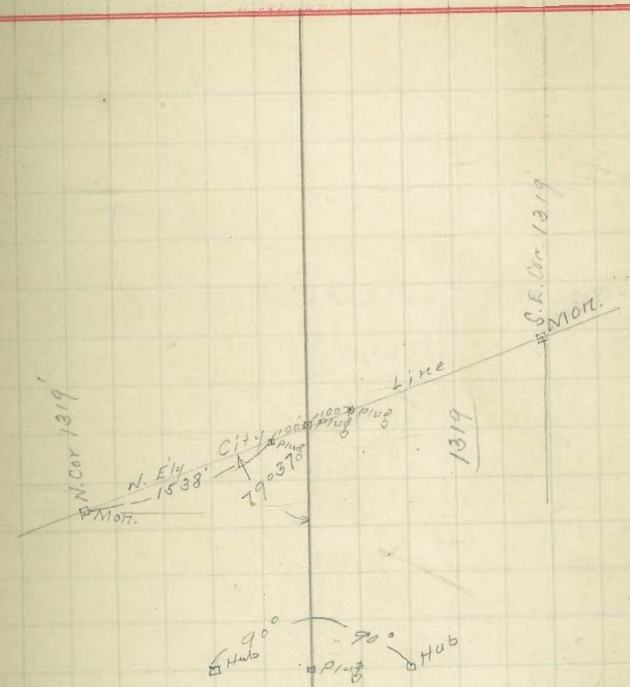
Sta.	Ang.	Bearing	Mag. Bear.
268			
267			
266 +51.8			
265 +66	∟22° 22'	N 25°32'E	N10°15'E
264			
263			
262 +67	∟15°14'	N27°54'E	N12°30'E
261 +45	∟33°26'	N43°08'E	N27°50'E
260 +45	∟9°14'	N76°34'E	N61°20'E
259			
258			
257			
256 +28	∟22°14'	N85°48'E	N70°40'E
255			
254			
253			
252			
251			
250			
249 +70			
248			



Sta.	Ang.	Bearing	Mag. Bea.
289			
288	+35 ⊙L 49° 33'	N 73° 43' E	N 58° 25' E
287			
286			
285			
284			
283			
282	+30 ⊙R 45° 19'	S 56° 44' E	S 72° 0' E
281			
280			
279			
278			
277	+40 ⊙R 33° 0'	N 77° 57' E	N 62° 45' E
276			
275			
274			
273			
272			
271	+30 ⊙R 19° 25'	N 44° 57' E	N 29° 40' E
270			
269			



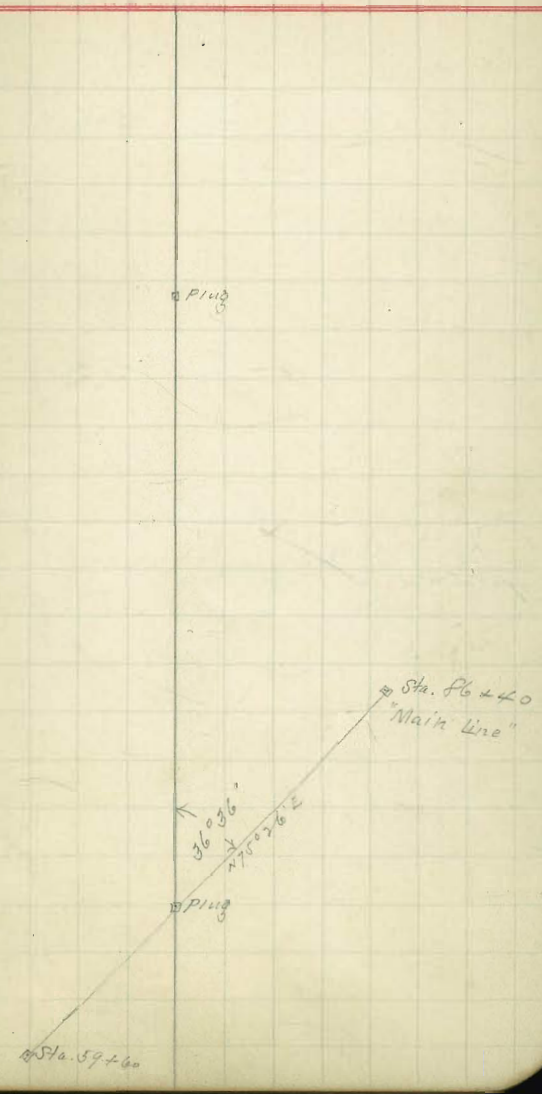
Sta.	ang.	Bearing	Mag. Bear.		
304+03					
303					
302					
301					
300					
299					
~~298~~	L 0° 43'	N 73°00' E	N 58° 0' E		
297					
296					
295					
294					
293					
292					
291					
290					



5/28/03 Survey for Road from Sta. 67+50 "Main Line" of Boulevard Survey to 16
Sta. 60+50 (See page 4) "C" Line

22 Book 125

	Sta.	Ang.	Bearing	Mag. Bear.		
2	17					
2	16					
2	15					
2	14					
2	13					
2	12	+78	∟34°17'	N4°33'E	N9°30'W	
2	11					
2	10					
2	9					
2	8					
2	7					
2	6					
2	5					
2	4					
2	3					
2	2					
2	1					
2	=0 67+50			N38°50'E	N24°45'E	
2						
2						



"C" Line

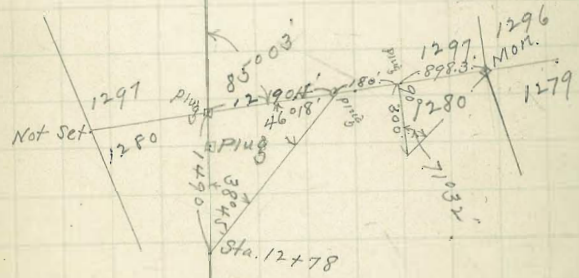
Sta.	Ang.	Bearing	Mag. Bear.		
2 38 +50					
2 37					
2 36					
2 35					
2 34					
2 33					
2 32					
2 31					
2 30					
2 29					
2 28					
+68.5					
2 27					
2 26					
2 25					
2 24					
2 23					
2 22					
2 21					
2 20					
2 19					
2 18					

Tan. 71°32' = 2.99447
300
898.34100

1490.5 = 3.173332
sin 38°45' = 9.796521
2.969853
sin 46°18' = 9.859119
1290.4 = 3.110734

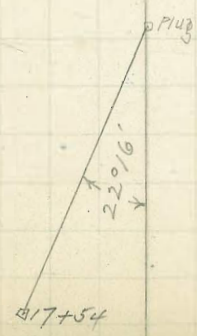
27+68.5
12+78.0
14+90.5

898.3
180.0
1290.4
2368.7



"C" Line

Sta.	Ang.	Bearing	Mag. Bear.		
= 60 + 50					
45 + 26 ⊙					
44					
43					
42					
41					
40					
39					



Maple St.

		14.1		
	6.40	259.47		253.07
	5.00	263.63	0.84	258.63
			~~0.99~~	~~258.00~~
West Line Park.				
So. Line			7.3	256.3
Curb			7.3	256.3
1/4			7.6	256.0
Center			6.4	257.2
1/4			6.0	257.6
Curb			5.7	257.9
No Line			6.0	257.6
175' East of 5th St.				
No Line			5.1	258.5
Curb			5.0	258.6
2' So of Curb			5.6	258.0
1/4			4.4	259.2
Center			5.0	258.6
1/4			5.9	257.7
Curb			6.2	257.4
So Line			6.9	256.7

263.63

150' East of 5th St.

So Line	6.2	257.4
Curb	5.8	257.8
1/4	5.3	258.3
Center	4.8	258.8
1/4	4.9	258.7
3' So of Curb.	5.3	258.3
Curb	4.7	258.9
No Line	4.7	258.9
125' East of 5th St.		
No Line	4.6	259.0
Curb	4.8	258.8
4' So. of Curb.	5.4	258.2
1/4	5.0	258.6
Center	4.9	258.7
1/4	5.3	258.3
Curb	5.8	257.8
So Line	6.0	257.6

100' East of 5th

So. Line	263.63	6.1	257.5
Curb		5.7	257.9
¼		5.1	258.5
Center		5.0	258.6
¼		4.8	258.8
2' So. of Curb		5.2	258.4
Curb		4.7	258.9
No Line		4.7	258.9

75' East of 5th

No Line	4.3	259.3
Curb	4.7	258.9
3' So of Curb	5.1	258.5
¼	4.6	259.0
Center	4.9	258.7
¼	5.2	258.4
Curb	5.4	258.2
So Line	5.4	258.2

50' East of 5th

So Line	263.63	4.9	258.7
Curb		5.4	258.2
¼		4.9	258.7
Center		4.8	258.8
¼		4.7	258.9
2' So. of Curb		5.1	258.5
Curb		4.6	259.0
No Line		4.0	259.6

25' East of 5th Street

No Line	4.2	259.4
Curb	4.7	258.9
¼	4.8	258.8
Center	4.9	258.7
¼	4.8	258.8
Curb	5.1	258.5
So Line	4.6	259.0

East Line of 5th

So Line		263.63	4.8	258.8
Curb			5.11	258.5
Gutter			5.4	258.2
1/4			5.0	258.6
Center			4.9	258.7
1/4			5.0	258.6
Gutter			4.6	259.0
Curb			4.53	259.1
No Line			4.2	259.4

East Curb Line on 5th

No Line	Curb	4.6	259.0
Gutter	—	5.3	258.3
Curb		5.2	258.4
1/4		5.2	258.4
Center		5.4	258.2
1/4		5.5	258.1
Curb		5.8	257.8
So Line	Gutter	6.10	257.5
	Curb	5.13	258.5

East 1/4 on 5th

So Line	5.9	257.7
Curb	5.8	257.8
1/4	5.7	257.9
Center	5.6	258.0
1/4	5.5	258.1
Curb	5.3	258.3
No Line	5.10	258.5

Center of 5th

No Line	5.0	258.6
Curb	5.2	258.4
1/4	5.3	258.3
Center	5.4	258.2
1/4	5.4	258.2
Curb	5.6	258.0
So Line	5.7	257.9

West 1/4 5th Street,

So Line		263.63	6.1	257.5
Curb			6.0	257.6
1/4			5.9	257.7
Center			5.8	257.8
1/4			5.8	257.8
Curb			5.6	258.0
No Line			5.5	258.1

West Curb Line 5th St,

	Curb		5.4	258.2
No Line	Gutter		5.6	258.0
Curb			5.8	257.8
1/4			5.9	257.7
Center			6.1	257.5
1/4			6.3	257.3
Curb			6.5	257.1
So Line	Curb		6.13	257.5
	Gutter		6.50	257.1

West Line 5th St,

So Line		263.63	5.9	257.7
Curb			6.1	257.5
1/4			6.5	257.1
Center			6.5	257.1
1/4			6.4	257.2
Gutter			5.7	257.9
No Curb			5.51	258.1

25' West of 5th

No Curb			6.00	257.6
Gutter			6.3	257.3
1/4			7.4	256.2
Center			7.7	255.9
1/4			7.7	255.9
Curb			8.0	255.6
So Line			8.1	255.5

50' West of 5th St

So Line		263.63	8.5	255.1
Curb			8.5	255.1
1/4			8.1	255.5
Center			8.1	255.5
1/4			8.0	255.6
Gutter			7.2	256.4
~~Curb~~				

75' West of 5th St

No Curb			6.98	256.6
Gutter			7.4	256.2
1/4			8.1	255.5
Center			8.3	255.3
1/4			8.3	255.3
Curb			8.2	255.4
So Line			8.1	255.5
	3.37	259.40	7.60	256.03

100' West of 5th St

So Line.		259.40	4.40	255.0
Curb			4.4	255.0
1/4			4.3	255.1
Center			4.1	255.3
1/4			4.0	255.4
Gutter			3.7	255.7
Curb			3.20	256.2

125' West of 5th St

No Curb			3.63	255.8
Gutter			4.1	255.3
1/4			4.3	255.1
Center			4.5	254.9
1/4			4.8	254.6
Curb			5.2	254.2
So Line			5.5	253.9

	150' West of 5th			
So Line		259.40	5.8	253.6
Curb			5.7	253.7
1/4			5.1	254.3
Center			4.9	254.5
1/4			4.7	254.7
Gutter			4.3	255.1
Curb (Mc)			4.07	255.3
	175' West of 5th			
Mc Curb			4.50	254.9
Gutter			4.90	254.5
1/4			4.9	254.5
Center			4.9	254.5
1/4			5.2	254.2
Curb			6.1	253.3
So Line			6.3	253.1

East Line 4th Street.

So Line	259.40	6.2	253.2
Curb		6.0	253.4
1/4		6.0	253.4
Center		5.4	254.0
1/4		5.3	254.1
Gutter		5.5	253.9
Mc Curb		4.94	254.5

Continued on Page 29.

Continued from Page 31.

13.00	253.40		240.40

West Line 3rd St.

No Line	3.1	250.3
Curb	3.4	250.0
Gutter	3.9	249.5
℄	4.0	249.4
Center	4.2	249.2
℄	4.3	249.1
Gutter	5.0	248.4
Curb	4.4	249.0
So Line	4.4	249.0

25' West of 3rd

So Line	5.2	248.2
Curb	5.0	248.4
Gutter	5.7	247.7
℄	4.9	248.5
Center	4.5	248.9
℄	4.3	249.1
Curb	4.0	249.4
3' So of No Line	3.8	249.6
No Line	3.2	250.2

50' West of 3rd

No. Line	253.40	3.0	250.4
2' So of No Line		3.5	249.9
Curb		3.6	249.8
℄		4.2	249.2
6' No of Center Line		4.2	249.2
Center		5.4	248.0
℄		5.7	247.7
Gutter		6.6	246.8
Curb		6.0	247.4
So Line		6.0	247.4

75' West of 3rd

So Line	6.8	246.6
Curb	6.9	246.5
Gutter	7.3	246.1
℄	6.7	246.7
Center	6.1	247.3
5' No of Center	4.1	249.3
℄	4.1	249.3
Curb	3.6	249.8
3' So of No Line	3.5	249.9
No Line	3.0	250.4

100' West of 3rd St.

Mc Line	253.40	2.9	250.5
4' So of Mc Line		4.0	249.4
Curb		4.0	249.4
4' So of Curb		4.6	248.8
1/4		4.4	249.0
4' Mc of Center		4.6	248.8
Center		6.8	246.6
1/4		7.2	246.2
Gutter		8.0	245.4
Curb		7.4	246.0
So Line		7.3	246.1

110' West of 3rd St.

So Line		4.5	248.9
Curb		5.1	248.3
1/4		5.3	248.1
Center		5.2	248.2
3' Mc of Center		4.6	248.8
1/4		4.4	249.0
~~4~~ 5' So of Curb		4.7	248.7
Curb		4.0	249.4
2' So of Mc Line		3.8	249.6
Mc Line		3.0	250.4

125' West of 3rd St.

Mc Line	3.0	250.4
3' So of Mc Line	4.0	249.4
10' So of " "	4.1	249.3
Curb	4.6	248.8
1/4	4.6	248.8
3' Mc of Center	4.7	248.7
Center	5.0	248.4
1/4	4.8	248.6
Curb	4.8	248.6
So Line	4.8	248.6

150' West of 3rd

So Line	5.0	248.4
Curb	4.6	248.8
1/4	4.6	248.8
Center	5.0	248.4
1/4	4.6	248.8
Curb	4.6	248.8
3' So of Mc Line	4.0	249.4
Mc Line	3.4	250.0

Hutchinson County Texas } 6/18/04

253.40

175' West of 3rd St.

No Line	3.8	249.6
7' So. of No Line	4.4	248.8
Curb	4.8	248.6
1/4	5.2	248.2
Center	5.2	248.2
1/4	5.3	248.1
Curb	4.8	248.6
So Line	5.3	248.1

190' West of 3rd St

So Line	5.7	247.7
Curb	5.5	247.9
1/4	5.8	247.6
Center	5.8	247.6
5' No of Center Line	7.5	245.9
1/4	7.4	246.0
Curb	7.1	246.3
10' So of No Line	6.6	246.8
9' " " "	5.0	248.4
No Line	4.4	249.0

198' West of 3rd St.

No Line 253.40	5.0	248.4
3' So of No Line	7.3	246.1
7' " " " "	7.3	246.1
Curb	8.8	244.6
1/4	9.3	244.1
3' No of Center	9.6	243.8
Center	8.9	244.5
1/4	7.9	245.5
21' So of Center	6.1	247.3
Curb	6.1	247.3
So Line	6.4	247.0

East Line of 2nd St.

So Line	11.2	242.2
Curb	11.4	242.0
21' So. of Center	8.9	244.5
1/4	9.0	244.4
Center	9.3	244.1
3' No of Center	10.0	243.4
1/4	9.6	243.8
Curb	9.2	244.2
No Line	7.8	245.6

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6/20/04 { Hutchison, Torrance, Comly

Continued From Page 25.

		14.1		
	1.51	260.14		258.63
	3.98	256.09	8.03	252.11
West Line 4th St.				
So Curb			4.10	252.0
Gutter			4.5	251.6
1/4			4.1	252.0
Center			3.4	252.7
1/4			3.3	252.8
Gutter			3.0	253.1
No Curb			2.56	253.53
25' West of 4th St.				
No Curb			3.05	253.05
Gutter			3.5	252.6
1/4			3.6	252.5
Cent.			3.7	252.4
1/4			4.4	251.7
Gutter			4.9	251.2
So Curb			4.51	251.6

50' West of 4th St.

So Curb	4.88	251.3
Gutter	5.2	250.9
1/4	4.8	251.3
Center	4.2	251.9
1/4	4.0	252.1
Gutter	3.9	252.2
No Curb	3.44	252.7

75' West of 4th St.

No Curb	3.84	252.3
Gutter	4.4	251.7
1/4	4.4	251.7
C	4.7	251.4
1/4	5.2	250.9
G.	5.7	250.4
So Curb	5.22	250.9

Maple

100' West of 4th			
So Curb	256.09	5.57	250.5
Gutter		6.0	250.1
1/4		5.5	250.6
C		5.0	251.1
1/4		4.9	251.2
G		4.7	251.4
No Curb		4.33	251.8
125' West of 4th			
No Curb		4.75	251.4
G.		5.2	250.9
1/4		5.3	250.8
C		5.4	250.7
1/4		5.7	250.2
G		6.4	249.7
So Curb		6.00	250.1
150' West of 4th			
So Curb		6.37	249.8
Gutter		6.7	249.4
1/4		6.3	249.8
C		5.8	250.3
1/4	256.09	5.7	250.4
Gutter		5.7	250.4
No Curb		5.14	251.0
175' West of 4th			
No Curb		5.61	250.5
G.		6.1	250.0
1/4		6.2	249.9
C		6.4	249.7
1/4		6.7	249.4
G		7.1	249.0
So Curb		6.65	249.5
East Line 3rd Street			
So Curb		7.05	249.1
Gutter		7.3	248.8
1/4		7.1	249.0
C		6.6	249.5
1/4		6.6	249.5
G		6.5	249.6
No Curb		6.06	250.0

East Curb Line on 3rd St.

M° Line	256.09	6.04	250.1
		6.30	249.8
Curb		6.5	249.6
¼		6.7	249.4
C		7.0	249.1
¼		7.4	248.7
Curb		7.7	248.4
Ac Line		7.5	248.6
		7.05	249.05

East ¼ on 3rd St.

Ac Line	7.5	248.6
Curb	7.4	248.7
¼	7.0	249.1
C	6.6	249.5
¼	6.6	249.5
Curb	6.5	249.6
M° Line	6.4	249.7

Center Line 3rd St.

M° Line	6.1	250.0
Curb	6.4	249.7
¼	6.5	249.6
C	6.6	249.5
¼	6.8	249.3
Curb	7.1	249.0
Ac Line	7.3	248.8

West ¼ of 3rd St.

Ac Line	7.6	248.5
Curb	7.3	248.8
¼	7.2	248.9
C	6.9	249.2
¼	6.8	249.3
Curb	6.6	249.5
M° Line	6.6	249.5

West Curb Line of 3rd St.

M° Line	6.9	249.2
	6.09	250.0
Curb	7.2	248.9
¼	7.2	248.9
C	7.3	248.8
¼	7.3	248.8
Curb	7.4	248.7
Ac Line	7.09	249.0
	7.8	248.3

Continued on Page 26

Continued from Page 28.

East Line of 2nd St.

So Line	253.40	11.2		242.2
Curb		11.4		242.0
~~1/4~~ 21' So of Center		8.9		244.5
1/4		9.0		244.4
Center		9.3		244.1
3' No of Center		10.0		243.4
1/4		9.6		243.8
Curb		9.2 10.4		244.2 243.0
No Line		10.2		243.2
4.17	244.57		240.40	

~~West~~ East Curb Line of 2nd St.

So Line		2.57 3.3		242.0 241.3
Curb		3.0		241.6
1/4		2.9		241.7
Center		2.6		242.0
1/4		2.5		242.1
Curb		2.4		242.2
No Line		1.54 2.10		243.03 242.5

East 1/4 of 2nd St.

No Line	244.57	2.2	242.4
Curb		2.4	242.2
1/4		2.5	242.1
Center		2.6	242.0
1/4		2.9	241.7
Curb		3.2	241.4
So Line		3.4	241.2

Center of 2nd St

So Line	3.4	241.2
Curb	3.1	241.5
1/4	2.9	241.7
Center	2.7	241.9
1/4	2.4	242.2
Curb	2.2	242.4
No Line	2.0	242.6

Maple

West ¼ of 2nd St.

No Line	244.57	2.7	241.9
Curb		2.8	241.8
¼		2.9	241.7
Center		3.1	241.5
¼		3.4	241.2
Curb		3.6	241.0
So Line		3.9	240.7

West Curb Line 2nd

So Line	4.2	240.4
	3.57	241.0
Curb	4.1	240.5
¼	3.9	240.7
Center	3.5	241.1
¼	3.4	241.2
Curb	3.2	241.4
No Line	2.9	241.7
	2.57	242.0

West Line 2nd St.

No Curb	244.57	2.62	242.0
Gutter		2.8	241.8
¼		2.9	241.7
Center		2.9	241.7
¼		2.9	241.7
Gutter		2.9	241.7
So Curb		3.54	241.1
So Line		3.3	241.3

25' West of 2nd

So Line	4.3	240.3
Curb	4.3	240.3
¼	4.4	240.2
Center	4.8	239.8
¼	5.2	239.4
Gutter	4.9	239.7
No Curb	4.47	240.1

50' West of 2nd

No Curb	6.37	238.2
Gutter	6.6	238.0
¼	6.7	237.9
Center	6.7	237.9

1/4		244.57	6.4		238.2
Curb			6.1		238.5
So Line			6.0		238.6
	75' West of 2nd				
So Line			8.6		236.0
Curb			8.4		236.2
1/4			8.5		236.1
Center			8.8		235.8
1/4			8.6		236.0
Gutter			8.5		236.1
No Curb			8.22		236.4
	100' West of 2nd				
No Line			10.1		234.5
Curb			10.17		234.4
Gutter			10.4		234.2
1/4			10.5		234.1
Center			10.5		234.1
1/4			10.2		234.4
Curb			10.6		234.0
So Line			10.4		234.2
	0.885	233.785	11.67	232.90	232.9

	125' West of 2nd		
So Line	233.785	1.1	232.7
Curb		1.0	232.8
1/4		1.1	232.7
Center		1.0	232.8
1/4		1.0	232.8
Curb		1.7	232.1
No Line		2.1	231.7
	150' West of 2nd		
No Line		3.1	230.7
Curb		2.7	231.1
1/4		2.1	231.7
Center		2.2	231.6
1/4		1.8	232.0
Curb		2.0	231.8
So Line		2.2	231.6
	175' West of 2nd		
So Line		2.5	231.3
Curb		2.5	231.3
1/4		2.7	231.1
Center		3.4	230.4

1/4	233.785	3.4	230.4
Curb		3.9	229.9
Mc Line		4.6	229.2
East Line of 1st St,			
Mc Line		6.0	227.8
Curb		5.3	228.5
1/4		4.5	229.3
Center		4.3	229.5
1/4		3.4	230.4
Curb		2.6	231.2
So Line		2.2	231.6
5' West of East Line of 1st			
So Line		6.4	227.4
Curb		2.2	231.6
1/4		3.4	230.4
Center		4.3	229.5
1/4		4.5	229.3
Curb		5.3	228.5
Mc Line		6.0	227.8

East Curb Line of 1st			
Mc Line	233.785	6.8	227.0
Curb		6.3	227.5
1/4		5.2	228.6
Center		5.3	228.5
1/4		3.9	229.9
Curb		2.9	230.9
7' Mc of So Line		2.3	231.5
So Line		6.0	227.8
East 1/4 Line of 1st St.			
So Line		5.0	228.8
4' Mc of So Line		4.8	229.0
8' " " "		3.3	230.5
Curb		3.6	230.2
1/4		4.9	228.9
Center		6.0	227.8
1/4		6.3	227.5
Curb		6.6	227.2
Mc Line		7.4	226.4

Maple

Center Line of 1st St

No Line	233.785	8.3	225.5
Curb		7.4	226.4
1/4		7.0	226.8
Center		6.7	227.1
1/4		5.7	228.1
Curb		5.4	228.4
So Line		5.2	228.6

West 1/4 of 1st Street

No Line	8.5	225.3
Curb	8.4	225.4
1/4	7.7	226.1
Center	7.1	226.7
8' So. of Center Line	7.2	226.6
1/4	6.4	227.4
Curb	6.1	227.1
So Line	6.3	227.5

West Curb Line of 1st Street.

No Line	8.5	225.0
Curb	9.2	224.6
1/4	8.3	225.5
Center	7.8	226.0
11' So of Center Line	8.1	225.7
1/4	7.7	226.1
Curb	6.6	227.2
So Line	6.8	227.0

West Line of 1st St

So Line	7.0	226.8
Curb	8.0	225.8
1/4	8.7	225.1
Center	8.7	225.1
1/4	9.4	224.4
Curb	9.7	224.1
No Line	9.9	223.9

B.M. 2.39 226.51 9.65 224.12

25' West of 1st

No Line	226.51	4.1	222.4
Curb		4.2	222.3
1/4		3.7	222.8
Center		3.2	223.3
1/4		3.0	223.5
Curb		2.6	223.9
So Line		2.4	224.1

50' West of 1st

So Line	4.3	222.3
Curb	4.8	221.7
1/4	4.5	222.0
Center	5.4	221.1
1/4	5.0	221.5
Curb	5.0	221.5
No Line	4.8	221.7

75' West of 1st

No Line	5.3	221.2
Curb	5.6	220.9
1/4	6.1	220.4
Center	6.1	220.4
1/4	6.6	219.9

Curb	226.51	6.0	220.5
So Line		5.9	220.6

100' West of 1st

So Line	7.6	218.9
Curb	7.6	218.9
1/4	7.4	219.1
Center	7.1	219.4
1/4	7.0	219.5
Curb	6.5	220.0
No Line	5.8	220.7

125' West of 1st

No Line	6.3	220.2
Curb	6.7	219.8
1/4	7.5	219.0
Center	7.7	218.8
1/4	8.3	218.2
Curb	8.7	217.8
So Line	9.1	217.4

Maple St. 6/20/04 { Hutchison, Torrance, Comey

150' West of 1st

So Line	226.51	10.1	216.4
Curb		9.4	217.1
1/4		9.1	217.4
Center		8.4	218.1
1/4		8.0	218.5
Curb		7.5	219.0
No Line		7.1	219.4

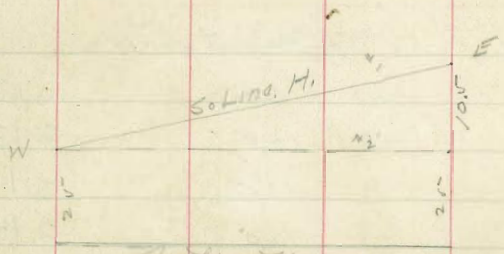
175' West of 1st

No Line		8.7	217.8
Curb		9.0	217.5
1/4		9.5	217.0
Center		10.0	216.5
1/4		10.3	216.2
Curb		10.7	215.8
So Line		11.4	215.1

East Line of Front St.

So Line	13.1	213.4
Curb	12.8	213.7
1/4	12.5	214.0
Center	12.0	214.5
1/4	11.8	214.7
Curb	11.1	215.4
No Line	10.7	215.8

24th Street. 7/9/04 {Hutchison Torrance Comly



	So Line H.			
BM	12.24	123.71		111.47 ✓
	7.73	127.91	3.53	120.18 ✓
So Line H.			4.5	123.4
Cb			4.6	123.3
1/4			3.7	124.2
Ct.			2.9	125.0
1/4			2.6	125.3
Cb			2.1	125.8
East Line			1.7	126.2
So Line H. #2 See sketch				
East Line			2.1	125.8
C			2.9	125.0
1/4			3.2	124.7
Ct			3.2	124.7
1/4			4.0	123.9
C			4.6	123.3
W Line			4.5	123.4

25' So. of H. Measured on West Line

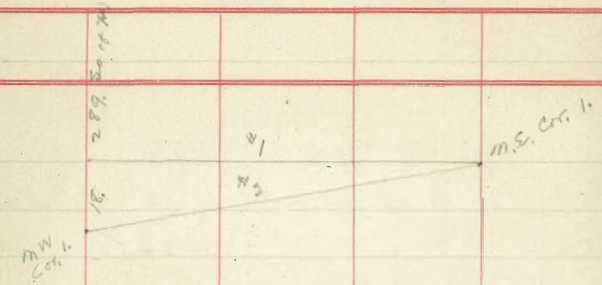
W Line	127.91	5.9	122.0
6' East of West Line		6.3	121.6
C		5.9	122.0
1/4		5.8	122.1
Ct		4.8	123.1
1/4		4.7	123.2
C		4.3	123.6
East Line		3.5	124.4
50' So of H.			
E.L.		5.0	122.9
C		6.0	121.9
3' W. of Curb		6.7	121.2
1/4		6.3	121.6
Ct		6.4	121.5
1/4		7.7	120.2
C		8.1	119.8
West Line		7.8	120.1

75' So of H.			
W Line	127.91	9.8	118.1
C		9.8	118.1
1/4		9.3	118.6
Ct.		8.6	119.3
1/4		8.2	119.7
C		7.8	120.1
East Line		7.3	120.6
100' So of H.			
East Line		8.8	119.1
C		9.2	118.7
1/4		9.4	118.5
Ct.		9.5	118.1
1/4		10.4	117.5
C		11.0	116.9
West Line		10.8	117.1
125' So of H.			
West Line		12.0	115.9
C		12.2	115.7
1/4		12.0	115.9
Ct.		10.6	117.3

1/4	127.91	10.3	117.6
C		10.5	117.4
East Line		9.8	118.1
150' So of H			
East Line		12.0	115.9
C		12.1	115.8
1/4		12.0	115.9
Ct		12.0	115.9
1/4		12.6	115.3
C		12.9	115.0
W Line		13.0	114.9
2.37	117.48	12.80	115.18
175' So of H.			
W Line		3.2	114.3
C		3.2	114.3
1/4		3.1	114.4
Ct.		2.9	114.6
1/4		2.7	114.8
C		2.7	114.8
E.L.		2.3	115.2

200' So of H.				
East Line	117.8	3.2	114.3	
C		3.4	114.1	
¼		3.4	114.1	
Ct.		3.1	114.4	
¼		3.6	113.9	
C		3.6	113.9	
W. Line		3.6	113.9	
325' So of H.				
W. L.		3.8	113.7	
C		3.9	113.6	
¼		4.1	113.4	
Ct.		4.0	113.5	
¼		4.1	113.4	
C		4.0	113.5	
E. L.		3.7	113.8	
250' So of H.				
E. L.		4.1	113.4	
C		4.6	112.9	
¼		4.7	112.8	
Ct.		4.6	112.9	

¼	5.1	112.4
C	5.1	112.4
W. L.	5.2	112.3
275' So. of H.		
W. L.	5.3	112.2
C	5.3	112.2
¼	5.6	111.9
Ct.	5.0	112.5
¼	5.2	112.3
C	5.0	112.5
E. L.	4.9	112.6
289' So of H.		
E. Line	5.2	112.3
C	5.4	112.1
¼	5.5	112.0
Ct	5.5	112.0
¼	5.8	111.7
C	5.2	112.3
W Line	4.8	112.7



307' So of H. No Line of I. See Sketch #2

West Line	11748	6.1	111.4
C		6.2	111.3
1/4		5.9	111.6
Ct		5.6	111.9
1/4		5.6	111.9
C		5.4	112.1
East Line		5.4	112.1

No Curb I St. Diagonal

East L		5.5	112.0
C		5.6	111.9
1/4		5.8	111.7
Ct.		5.8	111.7
1/4		6.1	111.4
C		6.6	110.9
West Line		6.5	111.0
		6.6	110.9

No 1/4 of I St.

W Line	6.3	111.2
C	6.2	111.3
1/4	6.0	111.5
Ct.	6.0	111.5
1/4	5.7	111.8
C	5.4	112.1
E.L.	5.4	112.1

Center Line I.

E.L.	5.5	112.0
C	5.6	111.9
1/4	5.7	111.8
Ct.	5.9	111.6
1/4	6.0	111.5
C	6.0	111.5
W.L.	6.1	111.4

So ¼ of I.

W. L.	117.48	6.8	110.7
C		6.4	111.1
¼		6.1	111.4
Ct.		6.2	111.3
¼		6.1	111.4
C		5.8	111.7
East Line		5.4	1181

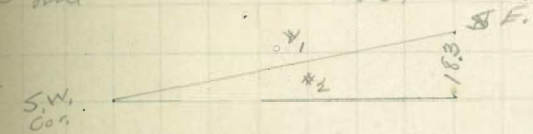
So Curb line I.

East Line	5.9 6.1	111.6 111.4
C	6.3	111.2
¼	6.5	111.0
Ct	6.5	111.0
¼	6.5	111.0
C	7.0	110.5
West Line	6.9 6.5	110.6 111.0

So line I. St.

W. L.	6.3 7.2	111.2 110.3
C	6.5 7.2	111.0 110.3
¼	7.0	110.5
Ct.	7.0	110.5

¼	117.48	6.8	110.7
C		6.8 6.0	110.7 111.5
E Line		5.7 6.7	111.8 110.8



So line I. line #2

East Line	7.1	110.4
C	7.1	110.4
¼	7.0	110.5
Ct.	7.0	110.5
¼	7.3	110.2
C	6.5 7.2	111.0 110.3
W. Line	6.3 7.2	[illegible] 110.3

25' So of I. Measured on W. Line

W. Line	7.5	110.0
C	7.7	109.8
¼	7.8	109.7
Ct.	7.1	110.4
¼	7.6	109.9
C.	7.0	110.5
East Line	6.9	110.6

	50' So of I,			
East Line		117.48	7.9	109.6
C			8.0	109.5
1/4			8.1	109.4
Ct,			7.6	109.9
1/4			8.1	109.4
C			8.7	108.8
W Line			8.3	109.2
	75' So of I,			
West Line			9.0	108.5
C			9.1	108.4
1/4			8.4	109.1
Ct.			7.9	109.6
1/4			8.6	108.9
C			8.7	108.8
East Line			8.6	108.9
	0.92	109.09	9.31	108.17

100' So of I,			
East Line	109.09	0.6	108.5
C		0.8	108.3
1/4		0.8	108.3
Ct,		0.3	108.8
1/4		0.5	108.6
C,		1.2	107.9
W. L,		1.1	108.0
125' So of I,			
W. L,		1.8	107.3
C		2.0	107.1
1/4		1.7	107.4
Ct,		1.6	107.5
1/4		1.7	107.4
C		1.0	108.1
E. L,		1.2	107.9

135' So of I. St.

W East Line	109.09	1.6	107.5
C		1.5	107.6
Gutter		2.1	107.0
1/4		3.1	106.0
Ct.		3.5	105.6
1/4		3.8	105.3
C Gutter		3.5	105.6
		3.2	105.9
W.L.		2.6	106.5

150' So of I.

W Line		4.1	105.0
C		4.5	104.6
Gutter		5.2	103.9
1/4		4.8	104.3
Ct.		4.2	104.9
1/4		3.9	105.2
4' W. of E Curb		3.0	106.1
Curb		1.7	107.4
East Line		1.6	107.5

175' So. of I.

East Line	2.8	106.3
C	2.9	106.2
15' West of East Line	4.5	104.6
1/4	4.8	104.3
Ct.	5.7	103.4
1/4	5.7	103.4
Gutter	6.5	102.6
Curb	5.6	103.5
W Line	5.4	103.7

200' So of I.

W Line	6.5	107.6
C	6.8	107.3
Gutter	7.6	101.5
1/4	6.7	107.4
C	6.5	107.6
1/4	6.1	103.0
14' West of East Line	5.7	103.4
Curb	4.4	104.7
E.L.	4.1	105.0

225' So of I.

East L.	109.9	5.6	103.5
C		6.0	103.1
14' W of East Line		7.3	101.8
1/4		7.4	101.7
Ct.		7.6	101.5
1/4		7.8	101.3
Gutter		8.7	100.4
C		7.7	101.4
W. Line		7.6	101.5

250' So of I.

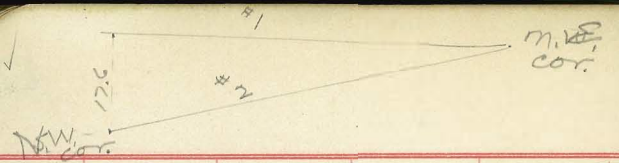
W. L.		8.8	100.3
C		8.9	100.2
G.		9.9	99.2
1/4		9.1	100.0
Ct.		8.9	100.2
1/4		8.8	100.3
14' W of East Line		8.5	100.6
C		7.5	101.6
East Line		7.0	102.1

275' So of I.

East Line	7.0	102.1
5' W of East Line	9.0	100.1
C	8.2	100.9
~~Gutter~~ 14' West of East Line	9.9	99.2
1/4	9.9	99.2
C	9.9	99.2
1/4	10.2	98.9
G	11.0	98.1
C	10.1	99.0
W Line	10.0	99.1

282.4' So of I.

W. Line	10.3	98.8
C	10.4	98.7
G.	11.2	97.9
1/4	10.5	98.6
C	10.2	98.9
1/4	10.2	98.9
C	9.8	99.3
East Line	9.2	99.9



300' South of

No Line J St. Line #2

East Line	109.09	9.2	99.9
Curb		10.1	99.0
1/4		10.5	98.6
Ct.		10.4	98.7
1/4		10.8	98.3
℄		11.7	97.4
C		11.1	98.0
W. Line		10.8	98.3

No Curb Line J St.

W Line	{11.1 / 11.2}	98.0 / 97.9
C	11.4	97.7
1/4	11.1	98.0
Ct.	10.8	98.3
1/4	10.8	98.3
C	10.6	98.5
℄ East Line	{10.4 / 10.1}	98.7 / 99.0

No 1/4 of J St.

East Line	10.7	98.4
C	10.8	98.3
1/4	11.0	98.1
Ct.	11.1	98.0
1/4	11.3	97.8
C	11.5	97.6
W Line	11.6	97.5

Center Line J St.

W Line	11.6	97.5
C	11.7	97.4
1/4	11.5	97.6
Ct.	11.6	97.5
1/4	11.4	97.7
C	11.2	97.9
E. Line	10.9	98.2

So 1/4 of J St.

E.L.	11.5	97.6
C	11.6	97.5
1/4	11.7	97.4
Ct.	11.8	97.3

1/4	109.09	11.8	97.3	
C		11.9	97.2	
W Line		12.2	96.9	
So Curb Line J				
West Line		13.0	96.1	
C		13.0	96.1	
1/4		12.4	96.7	
Ct.		12.2	96.9	
1/4		12.2	96.9	
C		12.5	96.6	
East Line		12.2	96.9	
0.95	99.34	10.20	98.39	
So Line J St.				
East Line		2.8	96.5	
C		2.8	96.5	
1/4		3.0	96.3	
Ct.		3.3	96.0	
1/4		3.4	95.9	
C		3.8	95.5	
W Line		4.0	95.3	

So Line J St

West Line	99.34	4.0	95.3
C		4.1	95.2
1/4		3.8	95.5
Ct.		4.1	95.2
1/4		3.7	95.6
C		3.4	95.9
7' W of East Line		3.7	95.6
5' " " " "		4.9	94.4
E. L.		4.9	94.4
25' So of J. measured on W Line			
East Line		7.3	92.0
4' W. of East Line		7.3	92.0
Curb		5.3	94.0
1/4		5.6	93.7
Ct.		5.8	93.5
1/4		5.8	93.5
12' East of West Line		6.0	93.3
Curb		6.7	92.6
5' East of West Line		8.3	91.0
West Line		8.8	90.5

50' So of ✓ St

West Line	99.34	10.8	88.5
Curb		10.3	89.0
15' East of West Line		8.5	90.8
½		8.1	91.2
Ct.		8.3	91.0
½		7.9	91.4
C		7.6	91.7
4' West of East Line		9.2	90.1
East Line		9.2	90.1

75' So of ✓

E.L.		10.8	88.5
C		11.7	87.6
12' West of East Line		11.0	88.3
½		11.3	88.0
Ct.		11.1	88.2
½		11.2	88.1
15' East of West Line		12.4	86.9
Curb		12.2	87.1
West Line		12.1	87.2
1.78	87.93 ✓	12.69	86.65 ✓

100' So of ✓

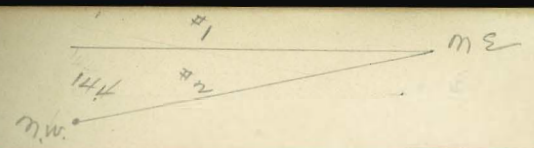
East Line	87.93	2.4	85.5
C		2.7	85.2
X 12' West of East Line		3.0	84.9
½		1.9	86.0
C		1.7	86.2
½		1.9	86.0
C		1.7	86.2
West Line		1.4	86.5

125' So of ✓

West Ln		0.8	87.1
C		2.2	85.7
½		2.7	85.2
Ct		2.8	85.1
½		3.9	84.0
15' West of East Line		4.1	83.8
Curb		3.6	84.3
East Line		3.9	84.0

150' Scoop ✓			
East Line	87.93	4.8	83.1
C		4.5	83.4
1/4		4.5	83.4
Ct.		4.6	83.3
1/4		4.0	83.9
C		2.7	85.2
W L.		1.8	86.1
175' Scoop ✓			
W Line		1.7	86.2
C		3.1	84.8
1/4		4.4	83.5
4' west of Ct.		5.1	82.8
Ct		4.6	83.3
1/4		5.1	82.8
C		5.3	82.6
East Line		5.8	82.1
200' Scoop ✓			
East Line		6.4	81.5
C		6.2	81.7
1/4		5.5	82.4
Ct.		5.2	82.7

1/4	87.93	4.5	83.4
Curb		3.3	84.6
West Line		2.9	85.0
225' Scoop ✓			
W. L.		3.4	84.5
C		3.8	84.1
1/4		4.8	83.1
Ct		5.2	82.7
1/4		6.0	81.9
C		6.7	81.2
East Line		7.1	80.8
250' Scoop ✓			
East Line		7.7	80.2
C		7.2	80.7
1/4		6.7	81.2
Ct.		5.8	82.1
1/4		5.6	82.3
C		4.9	83.0
West Line		4.4	83.5



275' Soot ✓			
W.L.	87.93	6.1	81.8
C		6.5	81.4
1/4		7.1	80.8
Ct.		7.0	80.9
1/4		7.4	80.5
C		8.1	79.8
East Line		8.5	79.4
283.6 Soot ✓			
East Line		8.9	79.0
C		8.5	79.4
1/4		8.0	79.9
Ct.		7.6	80.3
1/4		7.6	80.3
C		7.1	80.8
W.L.		6.6	81.3
No Line K. Line #2			
West Line.		6.7	81.2
Curb		7.4	80.5
1/4		7.8	80.1
Ct.		7.9	80.0

1/4	87.93	8.4	79.5
C		8.6	79.3
East Line		8.9	79.0
No Curb Line of K.			
East Line		8.5 9.9	79.4 78.0
C		9.6	78.3
1/4		9.1	78.8
Ct.		8.7	79.2
1/4		8.0	79.9
C		7.7	80.2
West Line		7.6 7.0	80.3 80.9
No 1/4 Line of K.			
West Line		7.8	80.1
C		8.2	79.7
1/4		8.7	79.2
Ct.		8.9	79.0
1/4		9.1	78.8
C		9.5	78.4
East Line		10.1	77.8

Center Line of K.

East Line	87.93	10.6	77.3
C		10.3	77.6
½		9.5	78.4
Ct.		9.0	78.9
½		9.2	78.7
C		9.1	78.8
West Line		8.6	79.3

So ½ Line of K.

West Line		9.0	78.9
Curb		9.5	78.4
½		10.1	77.8
Ct.		10.3	77.6
½		10.8	77.1
C		10.9	77.0
East Line		10.9	77.0

So. Curb Line of K St.

East Line	87.93	11.9	76.0
C		11.8	76.1
½		11.2	76.7
Ct.		10.5	77.4
½		10.1	77.8
C		9.6	78.3
West Line		{9.2 / 7.9}	78.7 / 80.0

So Line of K.

East Line		12.3	75.6
C		12.0	75.9
½		11.5	76.4
Ct.		11.0	76.9
½		10.0	77.9
Gutter		9.0	78.9
C		8.0	79.9
West Line		{7.7 / 8.6}	80.2 / 79.3
		7.42	80.51

	+0.04	67.86	67.82
	No Line of "L" St.		
W L.		3.4 / 2.7	64.5 / 65.2
C		2.6	65.3
1/4		2.7	65.2
~~Ct~~ 8' West of Ct.		2.4	65.5
Ct.		3.4	64.5
1/4		4.1	63.8
C		3.5	64.4
E L.		3.7	64.2
	No Curb of L.		
East L		4.3	63.6
C		4.4	63.5
1/4		4.3	63.6
Ct.		4.2	63.7
1/4		4.2	63.7
C		4.2	63.7
W Line		3.8	64.1
		4.4	63.5

No 1/4 of "L"		
W L.	4.6	63.3
C	4.7	63.2
1/4	4.6	63.3
Ct	4.6	63.3
1/4	4.5	63.4
C	4.7	63.2
East L.	5.0	62.9
Center Line L.		
East L.	4.9	63.0
C	4.8	63.1
1/4	4.9	63.0
Ct.	4.9	63.0
1/4	5.0	62.9
C	4.9	63.0
W. L.	4.8	63.1

(67.9)

So ¼ of L St.

W. L.	5.2	67.3
C	5.4	67.5
¼	5.5	67.4
Ct	5.4	67.5
¼	5.4	67.5
C	5.5	67.4
E. L.	5.2	67.3

So Cent Line "L"

E. L.	5.5	67.4
C	5.4	67.5
¼	5.8	67.1
Ct	5.4	67.3
¼	5.7	62.2
C	5.7	62.2
W. L.	5.8	62.1

So Line "L"

W Line	5.7	67.4
C	5.8	67.1
¼	5.8	67.1
Ct.	5.5	67.4
¼	5.5	624
C.	5.4	67.5
East Line	5.4	67.5

So Line of "L" Line #2

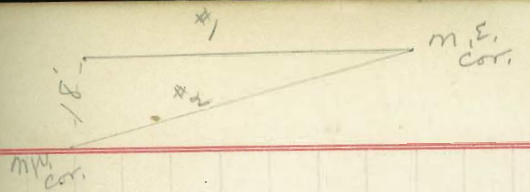
East Line	5.7	62.2
C	5.3	62.6
¼	5.2	62.7
Ct	5.4	625
¼	5.9	62.0
C.	5.8 5.5	62.1 62.4
W. L.	5.5	62.4

	25' So of "L" Measured West line on				
W.L.			5.4	62.5	
C			5.7	62.2	
1/4			5.8	62.1	
Ct.			5.9	62.0	
1/4			6.1	61.8	
C			5.7	62.2	
East L.			5.7	62.2	
	40' So of L.				
E.L.			6.4	61.5	
C			4.9	63.0	
1/4			4.4	63.5	
Ct.			4.9	63.0	
1/4			5.2	62.7	
C			5.5	62.4	
W.L.			5.2	62.7	
	50' So of L.				
W.L.			5.1	62.8	
C			5.1	62.8	
1/4			4.8	63.1	
Ct.			4.4	63.3	

	4.4	63.3
1/4		
C	5.1	62.8
East line	6.3	61.6
75' So of L.		
E.L.	6.4	61.3
C	5.5	62.4
1/4	4.9	63.0
Ct	4.6	63.3
1/4	5.2	62.7
C	5.4	62.5
W.L.	5.3	62.6
100' So of L.		
W.L.	5.8	62.1
C	5.8	62.1
1/4	5.6	62.3
Ct	5.2	62.7
1/4	4.9	63.0
C	6.1	61.8
East line	6.2	61.7

	125' So of L.			
East L.			6.4	61.5
C			6.2	61.7
1/4			5.6	62.3
Ct.			5.5	62.4
1/4			5.8	62.1
C			6.2	61.7
W. Line			6.2	61.7
	150' So of L.			
W Line			6.5	61.4
C			6.4	61.5
1/4			6.0	61.9
Ct.			5.7	62.2
1/4			5.7	62.2
C			6.4	61.5
E L.			6.4	61.3
	175' So of "L"			
E L.			6.7	61.2
C			6.4	61.5
1/4			6.3	61.6
Ct.			6.3	61.6
1/4			6.7	61.2

C		67.86	6.9	61.0
W Line			7.0	60.9
	200' So of L.			
West Line			7.5	60.4
C			7.3	60.6
1/4			7.0	60.9
Ct.			6.8	61.1
1/4			6.9	61.0
C.			7.5	60.4
E. L.			7.8	60.1
	225' So of L.			
E. L.			8.6	59.3
C			7.7	60.2
1/4			7.3	60.6
Ct.			7.2	60.7
1/4			7.6	60.3
C			7.9	60.0
W. L.			7.8	60.1



250' So of "L"		
West Line	8.2	59.7
℄	8.2	59.7
1/4	8.1	59.8
Ct.	7.9	60.0
1/4	7.9	60.0
C	8.3	59.6
East Line	9.0	58.9
275' So of L.		
East Line	8.5	59.4
C	8.3	59.6
1/4	8.1	59.8
Ct.	8.2	59.7
1/4	8.6	59.3
C	8.9	59.0
W. L.	9.1	58.8
282' So of L. Line #1		
W. Line	9.2	58.7
C	8.9	59.0
1/4	8.7	59.2
Ct.	8.2	59.7

1/4	8.3	59.6
C	8.2	59.7
East Line	8.3	59.6
~~So line~~ No. Line of L. Line #2		
East L.	8.3	59.6
C	8.4	59.5
1/4	8.4	59.5
Ct.	8.2	59.7
1/4	8.9	59.0
C	9.2	58.7
W. Line	9.9	58.0
No Cent Line "M"		
W Line	11.5	56.4
C	10.7	57.2
1/4	10.2	57.7
Ct.	9.7	58.2
1/4	9.7	58.2
C	9.6	58.3
East Line	9.3	58.6

No 1/4 of "M" Street

East Line	67.86	10,7	57.7	
C		11,0	56.9	
1/4		11,4	56.5	
Ct.		11,7	56.2	
1/4		11,7	56.2	
C		11,9	56.0	
W. Line		12,0	55.9	
Center Line "M"				
W Line		11,7	56.2	
C		11,8	56.1	
1/4		11,8	56.1	
Ct.		11,8	56.1	
1/4		11,7	56.2	
C		11,6	56.3	
East Line		11,6	56.3	
	4.195	59.5354	12.52	55.34 ✓

So 1/4 of "M"

East Line	59.535	3.8	55.7
C		3,8	55.7
1/4		3,7	55.8
Ct.		3,9	55.6
1/4		4,4	55.1
C		4,6	54.9
W Line		4,0	55.5
So Curb Line "M"			
West Line		4,5	55.0
C		4,4	55.1
14' East of west Line		6.0	53.5
1/4		5,6	53.9
Ct		6.1	54.4
1/4		4,8	54.7
C		4,7	54.8
E. Line		4,2	55.3

So Line of "M" Line #1

East L.	59.535	6.5	53.0
C		5.8	53.7
1/4		6.1	53.4
5' East of Center		6.1	53.4
Center		7.0	52.5
5' West of Center		5.0	54.5
1/4		5.0	54.5
C		4.8	54.7
West Line		7.1	52.4

So Line "M" Right angles Line #2

W.L.		7.1	52.4
C		6.2	53.3
14' East of west Line		4.9	54.6
1/8		4.8	54.7
Ct.		5.3	54.2
5' East of Center		4.9	54.6
1/4		7.7	51.8
C		6.9	52.6
East Line		7.2	52.3

10' So of "M" measured on West #2

East Line	7.5	52.0
7' West of East Line	8.2	51.3
Ct.	8.1	51.4
1/2	4.3	55.8
3' East of Center	4.5	55.0
Ct.	6.0	53.5
3' West of Ct.	6.0	53.5
1/4	5.2	54.3
16' East of West L.	5.4	54.1
C	7.3	52.2
2' East of west Line	7.2	52.3
W. Line	6.2	53.1

25' So of "M"

W.L.	5.9	53.6
C	6.8	52.7
16' East of West Line	7.0	52.5
1/4	5.7	53.8
2' West of Center	5.6	53.9
Center	7.2	52.3
4' East of Center	8.4	51.4
1/4	7.4	52.1
13' West of East Line	4.8	54.7
East Line	4.5	55.0
	5.3	54.2

50' Soot "m"				
East Line	59.535	5.2	53.9	
C		8.4	51.1	
1/4		8.9	50.6	
3' West of 1/4		8.8	50.7	
Center		6.4	52.9	
3' West of Cen		5.8	53.7	
1/4		6.2	53.3	
Curb		5.0	54.5	
W. Line		4.0	55.5	
75' Soot "m"				
W. L.		3.8	55.7	
C		3.7	55.8	
14' East of west Line		3.8	55.7	
1/4		5.5	54.0	
CX		6.5	53.0	
1/4		8.0	51.5	
C		9.0	50.5	
East L.		8.6	50.9	

100' Soot "m"		
East L.	8.7	50.8
C	8.8	50.7
1/4	7.8	51.7
CT.	6.9	52.6
1/4	5.7	53.8
13' West of Center	4.7	54.8
C	4.4	55.1
W Line	4.2	55.3
125' Soot "m"		
West Line	4.4	55.1
C	4.7	54.8
18' East of west Line	5.2	54.3
1/4	6.8	52.7
CT.	7.3	52.2
5' East of Center	5.9	53.6
9' " " "	6.1	53.4
1/4	6.8	52.7
C	8.3	51.2
East Line	8.9	50.6

150' So of "M"

East Line	8.8	50.7
C	8.2	51.3
14' West ~~East~~ of East Line	8.0	51.5
1/4	6.6	53.4
6' East of Center	5.8	53.7
Ct.	8.0	51.5
1/4	6.7	52.8
14' West of Center	5.1	54.4
C	5.0	54.5
West Line	5.1	54.4

175' So of "M"

West Line	5.4	54.1
C	5.5	54.0
13' West of Center	5.6	53.9
1/4	8.8	51.5
Ct.	8.4	51.1
3' East of Ct.	6.2	53.3
1/4	6.2	53.3
C	7.6	51.7
East Line	8.5	51.0

200' So of "M"

East Line	8.1	51.4
9' West of East Line	7.5	52.0
	7.0	52.5
15' East of Center	6.2	53.3
1/4	6.1	53.4
4' East of Center	6.3	53.2
Ct.	8.8	50.7
1/4	8.2	51.3
13' West of Cent.	6.1	53.4
C	5.9	53.6
W. Line	5.9	53.6

225' So of "M"

W. Line	6.4	53.1
C	6.4	53.1
12' West of Ct.	6.6	52.9
1/4	8.8	50.7
Ct.	9.0	50.5
5' East of Center	6.8	52.7
1/4	7.0	52.5
C	7.1	52.4
10' West of East Line	7.0	52.5
East Line	8.1	51.4

250' Soof "M"

East Line	7.8	51.7
~~C~~ Curb	7.4	52.1
1/4	7.1	52.4
4' East of Center	7.2	52.3
~~Ct.~~ 2' " "	9.6	49.9
Ct.	9.6	49.9
7' West of Center	9.5	50.0
1/4	8.6	50.9
16' West of Ct.	7.0	52.5
C	6.8	52.7
West L.	6.8	52.7

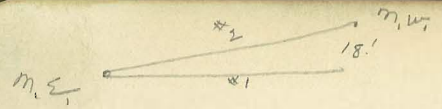
~~22~~ 275' Soof "M"

W. L.	7.2	52.3
C	7.3	52.2
13' West of Center	6.5	53.0
1/4	7.4	52.1
5' W. of Ct.	9.7	49.8
Ct.	10.0	49.5
1/4	10.0	49.5
13' East of Ct.	7.9	51.6
Ct.	7.7	51.8
East Line	8.4	51.1

282' Soof "M"

East Line	7.9
C	8.3
14' West of East Line	10.7
1/4	10.2
7' East of Ct.	10.1
Ct.	8.6
1/4 9' West of Ct.	8.5
1/4	7.0
C	7.6
W. Line	7.5

No Soof



282' So of "M" Line #1				
West Line	59.535	7.4	52.1	
Cb.		7.5	52.0	
13' West of Ct,		6.7	52.8	
1/4		7.4	52.1	
Ct		10.1	49.4	
1/4		10.1	49.4	
15' East of Ct,		10.1	49.4	
Curb		7.9	51.6	
East Line		7.7	51.8	
No line of N Line #2				
East Line		7.9	51.6	
C		8.3	51.2	
14' W of East Line		10.2	49.3	
1/4		10.2	49.3	
7' East of Ct		10.1	49.4	
Ct		8.6	50.9	
9' W. of Ct.		8.5	51.0	
1/4		7.0	52.5	
C		7.6	51.9	
W. Line		~~7~~ 7.5	52.0	
B.M.		0.45	59.085	Spike in Tel Post M.E. cor 24 + M

"F" St.
East

~~West~~ Line of 25th St.

	1.99	186.15		184.16
No Line			5.5	80.7
Curb			5.9	80.3
½			6.1	80.1
Center			6.1	180.1
½			6.1	80.1
Curb			6.4	79.7
So Line			6.3	179.9
15' East of 25th				
So Line			7.2	179.08
Curb			7.2	179.0
½			6.9	189.3
Cent			6.3	179.9
½			6.6	179.6
Curb			6.4	179.8
No Line			5.6	180.6

"F"

186.15
40' East of 25th

No Line	7.3	178.9
Curb	7.3	178.9
½	7.1	179.1
Center	6.9	179.3
½	7.3	178.9
Curb	8.5	177.7
So Line	8.5	177.7
65' East of 25th		
So Line	10.6	175.6
Curb	9.6	176.6
½	8.5	177.7
Center	8.6	177.6
½	7.9	178.3
Curb	8.8	177.4
No Line	9.1	176.1

"F"

90' East of 25th

No Line	186.15	12.0	174.15
3' So of No Line		11.0	175.2
Curb		10.0	176.2
1/4		9.4	176.8
Center		9.1	177.1
1/4		10.2	176.0
Curb		10.8	175.4
So Line		11.5	174.7
Natural Ground		13.6	172.6
2.79	178.62	10.32	175.83

115' ~~East~~ East of 25th St.

Nat. Ground	9.0	169.6
So Line	4.9	173.7
Curb	4.7	174.4
1/4	4.0	174.6
Center	3.4	175.2
1/4	3.7	175.4
Curb	3.7	175.4
No Line	4.0	174.6
Natural Ground	9.4	169.2

140' East of 25th

178.62

Natural Ground	13.5	165.1
No Line	8.6	170.0
Curb	5.4	173.2
1/4	4.7	173.9
Center	4.7	173.9
1/4	4.7	173.9
Curb	6.6	172.0
So Line	6.7	171.9
Nat Ground.	15.4	163.2

150' ~~160'~~ East of 25th

So Line	9.1	169.5
~~Curb~~ ~~16' No of So Line~~ Curb	8.2	170.4
~~Curb~~ 16' No of So Line	6.6	172.0
1/4	5.2	173.4
Center	4.6	174.0
1/4	6.1	172.5
Curb	6.1	172.5
No Line	11.8	166.8
Nat Ground	14.8	163.8

	165 East of 25th/4			
	178.62			
Natural Ground		17.7	160.97	
N. Line		16.0	162.6	
Curb		12.1	166.5	
1/4		11.2	167.4	
Center		9.0	169.6	
1/4		9.3	169.3	
Curb		11.1	167.5	
So Line		19.0	159.6	

Webster Place

225' So of E St,

East Line	15436	10.5	143.9
Curb		9.2	145.2
1/4		7.4	147.0
Center		6.0	148.4
1/4		4.9	149.5
Curb		4.1	150.3
West Line		2.8	151.6
250' So of E.			
West Line		3.5	150.9
Curb		4.9	149.5
1/4		5.9	148.5
Center		7.0	147.4
1/4		9.0	145.4
Curb		10.3	144.1
East Line		11.0	143.4

275' So of E St

East Line	15436	12.2	142.2
Curb		11.2	143.2
1/4		10.2	144.2
Center		8.2	146.2
1/4		6.6	147.8
Curb		5.6	148.8
West Line		4.3	150.1
No Line of F St			
West Line		4.8	149.6
Curb		6.5	147.9
1/4		7.9	146.5
Center		9.6	144.8
1/4		11.2	143.2
Curb		12.6	141.8
East Line		14.1	140.3
		9.63	144.73

144.7

Webster Place

So Line "D" Street.

	4.14	192.48		188.34
West Line			4.9	187.6
Curb			4.9	187.6
1/4			4.5	188.0
C			4.5	188.0
1/4			4.3	188.2
Curb			4.3	188.2
East Line			4.2	188.3
	0.46	181.60	11.54	181.14
	10' So of D St.			
East Line			0.1	181.5
Curb			0.4	181.2
1/4			1.1	180.5
Center			1.2	180.4
1/4			2.0	179.6
Curb			1.4	180.2
West Line			1.6	180.0

25' So of D St.

East Line	181.60	0.8	180.8
Curb		3.3	178.3
1/4		6.0	175.6
Center		7.6	174.0
1/4		9.4	172.2
Curb		12.9	168.7
West Line		13.3	168.3

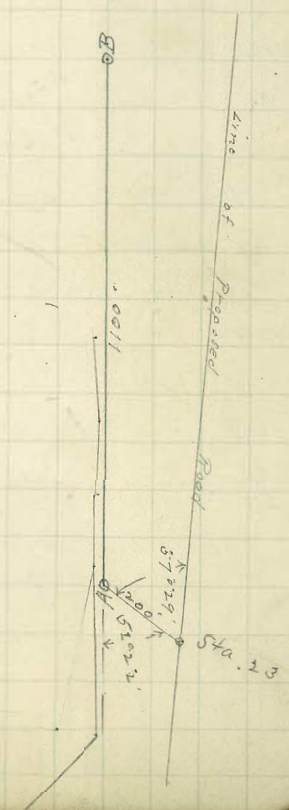
50' So of D.

West Line		19.0	162.6
Curb		13.7	167.9
1/4		11.3	170.3
Center		9.7	171.9
1/4		8.2	173.4
Curb		5.9	175.7
East Line		3.7	178.4
	4.14	176.83	8.91	172.69

5/15/03 Stadia Measurement of Pond opp. "Long Beach" La Jolla

Pinney
Wilkinson
Lambert

Inst. at Sta. "A." F. S. to Sta "B."			Inst. at Sta. "B", F. S. to Sta "A."		
Ang.	Rod	Dist.	Ang.	Rod	Dist.
L 2° 30'	5.13	514'	R 76° 33'	4.85	486'
L 2° 06'	3.42	343'	R 115° 12'	4.96	497'
L 5° 17'	1.82	183'	R 142° 16'	6.30	631'
L 25° 33'	0.45	46'	R 154° 18'	7.06	707'
L 177° 53'	3.14	315'	R 158° 29'	8.55	856'
L 157° 15'	5.67	568'	R 167° 00'	9.70	971'
L 142° 24'	7.36	737'	R 172° 41'	8.33	834'
L 130° 40'	8.69	870'	R 174° 44'	6.07	608'
L 107° 50'	7.59	760'	R 177° 08'	3.93	394'
L 96° 50'	6.92	693'	R 178° 47'	0.91	92'
L 88° 24'	6.02	603'	L 4° 20'	3.70	371'
L 76° 05'	6.78	679'	R 2° 10'	5.90	591'
L 51° 48'	6.98	699'			
L 35° 34'	7.47	748'			



Webster Place
7/3/04

75' So of D.

East Line			
~~70' Soof D.~~	176.83	0.6	176.2
Curb		2.9	173.9
½		4.5	172.3
Center		6.8	170.0
½		8.5	168.3
Curb		11.6	165.2
West Line		16.7	160.1

100' So of D.

West Line		17.1	159.7
Curb		13.1	163.7
½		9.8	167.0
Center		8.2	168.6
½		6.7	170.1
Curb		5.1	171.7
East Line		3.0	173.8

~~100~~ 125' Soof D.

East Line	176.83	5.1	171.7
Curb		7.0	169.8
½		8.6	168.2
Center		10.8	166.0
½		12.0	164.8
Curb		15.3	161.5
West Line		17.2	159.6

~~175~~ 150' So of D.

West Line		16.8	160.0
Curb		16.5	160.3
½		14.1	162.7
Center		12.3	164.5
½		10.0	166.8
Curb		8.9	167.9
East Line		6.4	170.4
	1.88	168.46	10.75	166.08

175 ~~200~~' So of D.

East Line	0.6	167.9
Curb	1.9	166.6
½	4.2	164.3
Center	5.8	162.7
½	8.6	159.9
Curb	7.7	160.8
West Line	6.9	161.6

200' ~~225~~ So of D.

East Line	168.46	1.6	166.9
Curb		3.1	165.4
¼		4.9	163.6
Center		8.5	160.0
¼		10.8	157.7
18' West of Center		9.4	159.1
Curb		8.9	159.6
West Line		7.4	160.1

225' ~~200~~ So of D.

West Line		7.9	160.6
Curb		10.1	158.4
18' West of Center		10.4	158.1
¼		13.3	155.2
Center		8.8	159.7
~~#~~ 7' East of Center		6.3	162.2
¼		5.3	163.2
Curb		4.5	164.0
East Line		3.0	165.5

250' ~~275~~ So of D

East Line	168.46	3.7	164.8
Curb		6.2	162.3
¼		7.5	161.0
Center		12.8	155.7
6' West of Cent.		14.5	154.0
¼		13.6	154.9
21' West of Cent		11.6	156.9
Curb		10.5	158.0
West Line		8.0	160.5

275' So of D.

West Line		9.0	159.5
Curb		11.8	156.7
21' West of Center		12.7	155.8
¼		14.9	153.6
6' West of Center		15.2	152.3
Center		13.3	155.2
¼		10.2	158.3
Curb		8.1	160.4
East Line		5.1	163.4

No Line of E St			
East Line	168.46	7.4	161.1
Curb		10.5	158.0
1/4		12.4	156.1
Center		14.5	154.0
8' West of Center		16.5	152.0
1/4		14.8	153.7
Curb		11.9	156.6
West Line		9.1	158.4
2.02	159.22	11.26	157.20
So Line of E St			
East Line		5.0	154.2
Curb		8.1	151.1
1/4		8.7	150.5
Center		6.6	152.6
1/4		5.1	154.1
Curb		3.4	155.8
West Line		2.1	157.1

159.22

25' South E St.

East Line	159.22	5.2	154.0
Curb		10.0	149.2
19' West of East Line		10.0	149.2
1/4		8.8	150.4
Center		7.5	151.7
1/4		5.7	153.5
Curb		4.3	154.9
West Line		3.1	156.1
50' South E St			
West Line		3.5	155.7
Curb		4.5	154.7
1/4		5.7	153.5
Center		7.8	151.4
1/4		10.0	149.2
Curb		11.3	147.9
East Line		6.9	152.3

75' So of E

~~WEs~~ East Line	159.22	9.0	150.2
~~Cur~~ Curb		11.5	147.7
17' West of East Line		12.1	147.1
1/4		10.2	149.0
Center		7.7	151.5
1/4		6.3	152.9
Curb		5.3	153.9
West Line		3.2	156.0

100' So of E

West Line		4.5	154.7
Curb		5.9	153.3
1/4		7.3	151.9
Center		9.2	150.0
1/4		10.7	148.5
Curb		12.1	146.1
East Line		10.6	148.6

125' So of E St

East Line	159.22	9.8	149.4
Curb		13.6	145.6
1/4		11.7	147.5
Center		9.9	149.3
1/4		7.9	151.3
Curb		6.7	152.5
West Line		5.1	154.1

150' So of E St

West Line		5.6	153.6
Curb		7.0	152.2
1/4		8.5	150.7
Center		10.0	149.2
1/4		12.2	146.0
Curb		13.4	145.8
East Line		11.6	147.6
6.59	154.36	11.45	147.77

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175' South of E St.

East Line	15 4/36	8.7	145.7
Curve		9.2	145.2
19' West of East Line		9.2	145.2
½		7.5	146.9
Center		5.0	149.4
½		3.6	150.8
Curve		2.6	151.8
West Line		1.5	152.9
200' South of E St			
West Line		2.1	152.3
Curve		3.3	151.1
½		4.2	150.2
Center		5.7	148.7
½		7.1	147.3
Curve		8.8	145.6
East Line		10.6	143.8

Return to City Engineers Office
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TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.5[illegible]	[illegible]7.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.2[illegible]	[illegible]7.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	[illegible]7.24	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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