Kearney Ave

"E" Street

8th "

Nutmeg St.

400

LEVEL

17th Street

15th "

Spruce Street Levels.

Brant Street "

F. B. 139

Table showing the departures 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

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TABLE FOR RUNNING ON SLOPES.

MICROFILMED

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.

DEC 7 1964

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

23242
762
224.80 B.M.

224.80
11.23
236.03
2.43
233.60 T.P.

274.43
7.08
281.51
1.18
280.33
4.65
284.98 H.I.
0.33
284.65
1.95
286.60 1.94
19.28466 Nozzle at Hwy
284.70
2nd & Walnut

227.7

284.66
282.96
1.7

67.57
3.28
70.85

210.74
12.37
223.11
.324
219.87 T.P.
1.255
232.42 H.I.

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139

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Kearney Ave

6/18/04 { Hutchison, Comly, Torrance

Cont. on Page 2.

F.S.	H.I.	Elev.
−0.83	23.21	24.04

E Curb = 10' West of East Line of 21st

No Line	4.1	19.1
Curb	4.1	19.1
1/4	4.2	19.0
Center	4.5	18.7
1/4	4.6	18.6
Curb	4.4	18.8
So Line	4.2	19.0

1/4 = 20' West of East Line 21st

No Line	4.0	19.2
Curb	4.5	18.7
1/4	4.4	18.8
Center	4.8	18.4
1/4	5.0	18.2
Curb	4.9	18.3
So Line	4.7	18.5

Center Line 21st.

No Line	23.21	4.8	18.4
Curb		4.6	18.6
1/4		4.4	18.8
Center		4.5	18.7
1/4		4.8	18.4
Curb		4.8	18.4
So Line		5.0	18.2

1/4 = 10' West of Center of 21st

So Line	5.3	17.9
Curb	5.3	17.9
1/4	5.1	18.1
Center	4.7	18.5
1/4	4.7	18.5
Curb	4.2	19.0
No Line	4.2	19.0

W Curb = 20' West of Center of 21st

No Line	4.2	19.0
Curb	4.3	18.9
1/4	4.6	18.6
Center	4.9	18.3
1/4	5.2	18.0
Curb	5.5	17.7
So Line	5.7	17.5

West Line 21st St.

No Line	23.21	5.6	17.6
Curb		5.9	17.3
3' So. of No Curb		4.5	18.7
1/4		4.6	18.6
Center		4.9	17.3
1/4		5.3	17.9
Curb		5.5	17.7
So Line		5.6	17.6

15' West of 21st

No Line	5.5	17.7
Curb	6.2	17.0
1/4	7.1	16.1
Center	6.6	16.6
1/4	6.4	16.8
Curb	6.5	16.7
So Line	6.6	16.6

25' West of 21st

So Line	6.7	16.5
Curb	6.4	16.8
1/4	6.3	16.9
Center	6.4	16.8
1/4	5.9	17.3
Curb	5.4	17.8
39' From Center Division Line	5.3	17.9

35' West of 21st

Division Line (31.6 Div line)	4.4	18.8
Curb	4.4	18.8
1/4	4.0	19.2
Center	4.6	18.6
1/4	6.0	17.2
Curb	5.3	17.9
So Line	5.6	17.6

50' West of 21st

So Line	5.3	17.9
Curb	4.6	18.6
1/4	4.9	18.3
Center	4.1	19.1
1/4	3.7	19.5
18' From Center (Division Line)	3.5	19.7

Grade = 21.5 on Div. Line.

T

75' West of 21st

3' So of Center (Division Line) 23.21	3.8	19.4
1/4	4.0	19.2
So Curb	4.5	18.7
So Line	5.1	18.1

100 West of 21st

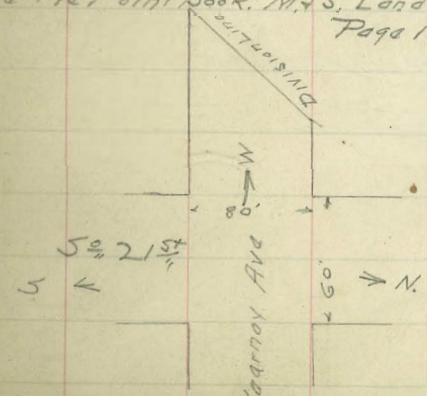
So Line	4.7	18.5
Curb	4.0	19.2
Division Line (14.5 No of So Line)	3.9	19.3

Intersection of So Line of Kearney + Division Line

120.3 West of 21st St.

	4.3	18.9

See Tie Point Book. M. + S. Land + Town Co Page 10 + 93.



Location	+	−	H.I.	Elev.
	5.88		49.80	44.00
	1.34	3.21	47.93	46.59
	0.29	11.63	36.59	36.30
		12.55		24.04
	0.40		31.97	31.57
	11.71	11.90	31.78	20.07
		7.73		24.05

Kearney Ave.
2/9/04.

	H.I.	Rod.	Elev
	31.78	Cont. from Page - 1.	
East Line of 21st St.			
So Line		12.3	19.5
Cent		12.6	19.2
1/4		12.6	19.2
Cent		12.4	19.4
1/4		12.5	19.3
Cent		12.7	19.1
No Line		12.6	19.2
25' East of 21st St.			
No Line		12.6	19.2
Cent		12.5	19.3
1/4		12.3	19.5
Cent		11.3	20.5
1/4		11.0	20.8
Cent		11.0	20.8
So Line		11.1	20.7

Kearney Ave

	H.I.	Rod	
	31.78		
35' East of 21st St.			
So Line		9.8	22.0
Curb		10.4	21.4
1/4		9.8	22.0
Cent		10.8	21.0
1/4		12.0	19.8
Curb		11.7	20.1
No Line		11.7	20.1
50' East of 21st St.			
No. Line		8.5	23.3
Curb		8.6	23.2
1/4		7.2	24.6
Cent.		6.0	25.8
1/4		8.1	23.7
Curb		9.2	22.6
So Line		7.9	24.0

	H.I.	Rod	
	31.78		
75' East of 21st St.			
So Line		4.6	27.2
Curb		5.5	26.3
1/4		6.2	25.6
Cent		4.3	27.5
1/4		2.5	29.3
Curb		1.9	29.9
No Line		1.4	30.4
	9.88	41.32	0.34	31.44
100' East of 21st St.			
No Line		7.20	34.1
Curb		8.7	32.6
1/4		10.2	31.1
Center		12.6	28.7
1/4		12.4	28.9
Curb		12.4	28.9
So Line		12.4	28.9

Kearney Ave

41.32

125' East of 21st St.

So Line	11.4	29.9
Curb	10.7	30.6
	12.0	29.3
1/4	10.1	31.2
Center	10.2	31.1
1/4	9.4	31.9
Curb	7.0	34.3
No Line	5.0	36.3

150' East of 21st St.

No Line	4.4	36.9
Curb	6.2	35.1
1/4	7.4	33.9
Center	7.4	33.9
7' So of Center	8.1	33.2
1/4	10.0	31.3
Curb	9.6	31.7
So Line	9.3	32.0

41.32

175' East of 21st St.

So Line	7.6	33.7
Curb	7.2	34.1
1/4	8.1	33.2
7' So of Center	9.0	32.3
Center	6.5	34.8
1/4	5.2	36.1
Curb	5.4	35.9
No Line	4.5	36.8

200' East of 21st St.

No Line	4.2	37.1
Curb	3.6	37.7
1/4	5.1	36.2
	8.0	33.3
Center	7.0	34.3
1/4	5.0	36.3
Curb	5.8	35.5
So Line	5.5	35.8

41.32

225 ft East of 21st St.

So Line	3.6	37.7
Curb	4.6	36.7
1/4	4.2	36.9
Cent	4.6	36.7
1/4	4.5	36.8
Curb	3.9	35.4
No Line	3.4	37.9

250 feet East of 21st

No Line	3.0	38.3
Curb	3.5	37.8
1/4	3.6	37.7
Center	3.8	37.5
1/4	3.3	38.0
Curb	3.3	39.0
So Line	3.7	39.1

41.32

275 feet East of 21st St.

So Line	1.2	40.1
Curb	1.5	39.8
1/4	1.7	39.6
Cent	2.6	38.7
1/4	3.2	38.1
—	2.9	38.4
No Line	2.8	38.5

300 feet East of 21st St

No Line	2.6	38.7
Curb	2.5	38.8
1/4	1.8	39.5
Cent.	1.6	39.7
1/4	1.1	40.2
—	0.8	40.5
So Line	0.5	40.8
8.72	48.85	1.19	40.13

48.85

325' East of 21st St.

So Line	7.2	41.6
—	7.6	41.2
1/4	7.6	41.2
—	7.7	41.1
1/2	8.4	40.4
—	8.8	40.0
No Line	9.4	39.4

350' East of 21st St.

No Line	7.8	41.0
—	8.1	40.7
1/4	7.8	41.0
—	7.1	41.7
1/4	6.6	42.2
—	6.7	42.1
So Line	6.5	42.3

48.85

375' East of 21st St.

So Line	6.3	42.5
—	6.4	42.4
1/4	6.4	42.4
Center	6.2	42.6
1/4	6.5	42.3
—	6.8	42.0
No Line	6.6	42.2

400 feet East of 21st St.

No Line	6.0	42.8
Curb	6.0	42.8
1/4	5.6	43.2
—	5.8	43.0
1/4	5.9	42.9
—	6.0	42.8
So Line	5.9	42.9

4885

425' East of 21st St.

So Line	5.2	43.6
—	5.5	43.3
1/4	5.5	43.3
—	5.6	43.2
1/4	5.3	43.5
—	5.3	43.5
No Line	4.8	44.0

450 feet East

No Line	4.7	44.1
—	5.0	43.8
1/4	5.0	43.8
—	5.1	43.7
1/4	5.1	43.7
—	5.2	43.6
So Line	5.0	43.8

4885

475 feet East of 21st St.

So Line	4.7	44.1
—	4.7	44.1
1/4	4.6	44.2
—	4.7	44.1
1/4	4.7	44.1
—	4.5	44.3
No Line	4.3	44.5

500 feet East of 21st St.

No Line	3.8	45.0
—	3.9	44.9
1/4	4.1	44.7
—	3.7	45.1
1/4	3.8	45.0
—	3.7	45.1
So Line	4.0	44.8

48.85

525 feet East of 21st St

So Line	3.7	45.1
—	3.1	45.7
1/4	3.1	45.7
—	3.3	45.5
1/4	3.45	45.4
—	3.15	45.7
No Line	3.00	45.8

550 feet East of 21st

No Line	2.25	46.6
—	2.35	46.5
1/4	2.70	46.1
—	3.0	45.8
1/4	3.05	45.8
—	3.05	45.8
So Line	3.15	45.7

48.85

575' East of 21st

So Line	3.25	45.6
—	2.75	46.1
1/4	2.80	46.0
—	2.60	46.2
1/4	2.65	46.2
—	1.80	47.0
No Line	2.75	46.6

600 feet East of 21st // West Line of 22nd

No Line	2.3	46.5
Curb	1.90	46.9
1/4	2.60	46.2
Curb	2.50	46.3
1/4	2.60	46.2
Curb	2.85	46.0
So Line	3.05	45.8

48.85

10' East of West Line of 22nd St.

So Line.	2.80	46.0
–	3.35	45.5
1/4	3.50	45.3
–	3.00	45.8
1/4	3.00	45.8
–	3.00	45.8
No. Line	2.85	46.0

20' East of West Line of 22nd St.

no Line	3.2	45.6
Curb	3.45	45.4
1/2	3.45	45.4
Center	3.45	45.4
1/4	3.70	45.1
Curb	3.95	44.9
So Line	3.40	45.4

48.85

Center of 22nd St.

South Line	4.30	44.5
Curb	4.05	44.8
1/4	4.05	44.8
Center	3.90	44.9
1/4	3.95	44.9
Curb	4.15	44.7
No Line	4.10	44.7

20 feet West of East Line of 22nd

No Line	2.80	46.0
Curb	2.95	45.9
1/4	3.30	45.5
Center	3.60	45.2
1/4	3.35	45.5
Curb	4.00	44.8
So Line	4.05	44.8

4885

10' West of East Line of 22nd St.

So Line	2.50		46.3
Curb	2.45		46.4
1/4	2.95		45.9
Center	3.30		45.5
1/4	2.00		46.8
Curb	1.20		47.6
No Line	0.90		47.9

East Line of 22nd St.

No Line	0.90		47.9
Curb	1.00		47.8
1/4	0.90		47.9
Center	1.80		46.0
1/4	1.50		46.3
Curb	1.50		46.3
So Line	1.50		46.3
	5.89	5248	2.26	46.59

5248

25' East of 22nd Street

So Line	5.70	46.8
Curb	5.75	46.8
1/4	5.80	46.7
Center	5.40	47.1
1/4	4.75	47.8
Curb	4.70	47.8
No Line	4.30	48.2

50 feet East of 22nd St.

No Line	3.80	48.7
—	4.10	48.4
1/4	5.10	47.4
—	5.5	47.0
1/4	5.4	47.1
—	5.30	47.2
So Line	5.40	47.1

S 2,48

75' East of East Line of 22nd St.

So Line	5.40	47.1
—	5,20	47.3
1/4	4,95	47.6
—	5,20	47.3
1/4	4,80	47.7
—	4,20	48.3
No Line	4,05	48.5

100' East of 22nd St.

No Line	3,90	48.6
—	3,95	48.6
1/4	4,65	47.9
—	5.00	47.5
1/4	4,50	48.0
—	5.00	47.5
So Line	5,10	47.3

S 2,48

125' East of 22nd St.

So Line	5,20	47.3
—	5,20	47.3
1/4	4,80	47.7
—	4,85	47.7
1/4	4,60	47.9
—	4,20	48.3
No Line	3,85	48.7

150 feet East of 22nd St.

No Line	3,90	48.6
—	3,90	48.6
1/4	4,60	47.9
—	4,70	47.8
1/4	5.00	47.5
—	5.10	47.4
So Line	5,10	47.3

52.48

175 feet East of 22nd St

No Line	5.30	47.2
Curb	4.90	47.6
1/4	4.65	47.9
Center	4.90	47.6
1/4	4.70	47.8
Curb	4.00	48.5
No Line	3.75	48.8

200 feet East of 22nd St

No Line	4.20	48.3
—	4.25	48.3
1/4	4.65	47.9
—	4.90	47.6
1/4	4.90	47.6
—	4.90	47.6
No Line	4.90	47.6

52.48

225' East of 22nd St.

No Line	4.40	48.1
—	4.75	47.8
1/4	4.55	48.0
—	4.75	47.8
1/4	4.70	47.8
—	4.10	48.4
No Line	4.20	48.3

250' feet East of 22nd St.

No Line	4.10	48.4
—	4.30	48.2
1/4	4.70	47.8
—	5.00	47.5
1/4	4.75	47.8
—	4.75	47.8
No Line	4.90	47.6

5-2,48

375 feet East of 22nd St.

No Line	5,25	47.3
Curb	5-20	47.3
1/4	5,00	47.5
Center	5,35	47.2
1/4	5,30	47.2
Curb	4,70	47.8
No Line	4,75	47.8

300 feet East of East line of 2

No Line	5,45	47.1
—	5,30	47.2
1/4	5,70	46.8
—	5,90	46.6
1/4	5,65	46.9
—	5,95	46.6
No Line	560	46.7

5-2,48

325 feet East of 22nd St

No Line	6,25	46.3
—	6,25	46.3
1/4	6,15	46.4
—	6,05	46.5
1/4	5,95	46.6
—	5,70	46.8
No Line	5,35	47.2

350 feet East of 22nd St

No Line	5,25	47.3
—	5,40	47.1
1/4	5,95	46.6
—	6,10	46.4
1/4	6,00	46.5
—	6,00	46.5
No Line	6,45	46.1
3.27	50,83	47.56

5.83

375 feet East of 22nd St,

Do Line	5,75	46.8
Curb	4,30	46.5
1/4	4,5	46.3
Center	4,45	46.4
3/4	4,15	46.7
Curb	3.75	47.1
No Line	3,45	47.4

400 feet East of 22nd

No Line	2,75	48.1
–	3.35	47.5
1/4	3,95	46.9
–	4,00	46.8
1/4	3,90	46.9
–	4.60	46.2
Do Line	4.70	46.1

5.83

425 feet East of 22nd St,

Do Line	4,45	46.4
–	4,10	46.7
1/4	3,70	47.1
–	3,90	46.9
1/4	3,85	47.0
–	3,60	47.2
No Line	3.45	47.4

450 feet East of 22nd St,

No Line	380	47.0
–	3,70	47.1
1/4	3.75	47.1
–	4,15	46.7
1/4	380	47.0
–	4,00	46.8
Do Line	4.15	46.6

50.83

475 feet East of 22nd St.

No Line	4,35	46.5
—	3,75	47.1
1/4	4,20	46.6
—	4,60	46.2
1/2	4,40	46.4
—	4,00	46.8
No Line	3,75	47.1

500 feet East of 22nd St.

No Line	4,45	46.4
—	4,60	46.2
1/4	4,40	46.4
—	4,60	46.0
1/4	5,10	45.7
—	5,35	45.5
No Line	5,20	45.5

50.83

525 feet East of 22nd St.

No Line	5,20	45.2
—	5,45	45.4
1/4	5,30	45.5
—	5,40	45.4
1/4	5,15	45.7
—	4,90	45.9
No Line	4,65	46.2

550 feet East of 22nd St.

No Line	4,35	46.5
—	4,75	46.1
1/4	4,55	46.3
—	5,05	45.8
1/4	4,95	45.9
—	5,05	45.8
No Line	5,30	45.5

5 5083

575 East of 22nd St

S.O. line	4.90	45.9
Curb	4.60	46.2
1/4	4.70	46.1
Center	4.75	46.1
1/4	4.30	46.5
Curb	3.95	46.9
N.O. line	3.65	47.2

West line of 23rd.

600 ft. East of 22nd St

No. line	3.20	47.6
Curb	3.20	47.6
1/4	3.30	47.5
Center	4.50	46.3
1/4	4.45	46.4
Curb	4.60	46.2
So. line	4.85	46.0

5083

10 ft. East of West line of 23rd.

So. line	4.70	46.1
Curb	4.55	46.3
1/4	4.45	46.4
Center	4.35	46.5
1/4	3.60	47.2
Curb	3.10	47.7
No. line	3.20	47.6

20 ft East of West line of 23rd

No. line	3.15	47.7
Curb	3.35	47.5
1/4	3.80	47.0
Center	4.30	46.5
1/4	4.40	46.4
Curb	4.45	46.4
So. line	4.70	46.1
B.M.	3.23	47.60 Apk in Pole S.E. Cor.

Kearney + 23rd St.

Kearney Ave
March 5, 1904.

	4.48	49.58		45.70
	7.14	54.72	2.00	47.58

Center of V3rd St

So Line	8.20	46.5
Curb	8.10	46.6
¼	8.00	46.7
Cent	8.10	46.6
¼	7.75	47.0
Curb	7.55	47.2
No Line	7.30	47.4

10 ft West of East Line of V3rd

No Line	7.20	47.5
Curb	7.15	47.6
¼	7.30	47.4
Cent	8.00	46.7
¼	8.05	46.7
Curb	7.80	46.9
So Line	8.05	46.7

54.72

10' West of East Line of 23rd

So Line	8.00	46.7
Curb	7.70	47.0
¼	7.85	46.9
Cent	7.70	47.0
¼	7.75	47.6
Curb	6.95	47.8
No Line	7.50	47.7

East Line of V3rd

No Line	6.50	48.2
Curb	6.95	47.8
¼	7.00	47.7
C	7.55	47.2
¼	7.65	47.1
Curb	7.50	47.2
So Line	7.90	46.8

54.72

75' East of East Line of 23rd

No Line	6.70	48.0
Curb	7.40	47.3
1/4	7.20	47.5
C	7.15	47.6
1/4	6.75	48.0
Curb	6.40	48.3
No Line	6.20	48.5

50' East of East Line 23rd

No Line	5.80	48.9
Curb	6.05	48.7
1/4	6.35	48.4
Cent	6.80	47.9
1/4	6.85	47.9
Curb	7.00	47.7
No Line	6.90	47.8

75' East of East Line of 23rd

No Line	54.72	6.35	48.4
Curb		6.60	48.1
1/4		6.35	48.4
C		6.40	48.3
1/4		5.70	49.0
Curb		5.50	49.2
No Line		4.70	50.0

100' East 23rd St

No. Line	4.60	50.1
Curb	5.10	49.6
1/4	5.40	49.3
C	5.95	48.8
1/4	5.80	48.9
Curb	6.15	48.6
No Line	6.00	48.7

54.72

125' East of W 3rd St.

So Line	5.20	49.1
Curb	5.55	49.2
1/4	4.85	49.9
Center	4.85	49.9
1/4	3.90	50.8
Curb	3.90	50.8
No. L.	3.70	51.0

150' East of W 3rd

No Line	3.60	51.1
Curb	3.85	50.9
1/4	4.15	50.6
C	4.70	50.0
1/4	4.70	50.0
Curb	4.90	49.8
So Line	5.35	49.4

54.72

175 ft East of W 3rd St

So Line	5.05	49.7
Curb	4.85	49.9
1/4	4.60	50.1
C	4.85	49.9
1/4	4.60	50.1
Curb	4.20	50.5
No Line	4.00	50.7

200 feet East of W 3rd St

No Line	3.80	50.9
Curb	3.85	50.9
1/4	4.60	50.1
C	5.05	49.7
1/4	5.10	49.6
Curb	5.00	49.7
So Line	4.15	50.0

5472

275 feet East of 73rd St.

So Line	5.00	49.7
Curb	4.85	49.9
1/4	4.85	49.9
C	4.90	49.8
1/4	4.40	50.3
Curb	3.40	51.3
No Line	3.40	51.3

250 feet East of 73rd

No Line	3.45	51.3
Curb	3.30	51.4
1/4	4.15	50.6
C	4.65	50.1
1/4	4.75	50.0
Curb	4.70	50.0
So Line	4.90	49.8

5472

275' East of 73rd St

So Line	4.05	50.7
Curb	4.20	50.5
1/4	4.20	50.5
C	4.35	50.4
1/4	3.75	51.0
Curb	3.85	50.9
No Line	3.85	51.2

300 feet East of 73rd St

No Line	2.75	52.0
Curb	2.70	52.0
1/4	2.65	52.1
C	2.75	52.0
1/4	3.90	50.8
Curb	3.80	50.9
So Line	3.70	51.0
7.81	58.60	3.93	50.79

58.60

325 feet East of East Line 23rd

No Line	7,80	50.8
Curb	7.70	50.9
1/4	7.60	51.0
C	7.45	51.2
1/4	7.10	51.5
Curb	7.10	51.5
No Line	6.85	52.3

350 feet East of 23rd

No Line	6.65	52.0
Curb	6.90	51.7
1/4	7.10	51.5
C	7.40	51.2
1/4	7.50	51.1
Curb	7.25	51.4
No Line	6.10	52.5

58.60

375' East of 23rd

No Line	6.95	51.7
Curb	7.10	51.5
1/4	6.80	51.8
C	6.70	51.9
1/4	6.35	52.8
Curb	6.05	52.6
No Line	5.10	53.5

400 feet East of 23rd

No Line	5.25	53.4
Curb	5.25	53.4
1/4	5.40	53.2
C	5.80	52.8
1/4	5.95	52.7
Curb	6.60	52.0
No Line	6.45	52.2
	0.57	58.03

5860

425 feet East of 23rd St

No Line	4,75	53.9
Curb	5,30	53.3
1/4	5,40	53.2
C	5,80	52.8
1/4	6,10	52.5
Curb	6,50	52.1
So Line	6,40	52.2

450 feet East of 23rd St

So Line	6,0	52.6
Curb	6,20	52.3
1/4	5,70	52.9
C	5,40	53.2
1/4	5,10	53.5
Curb	4,65	54.0
No Line	4,00	54.6

5860

475 East of 23rd

No Line	3,30	55.3
Curb	4,30	54.3
1/4	5,00	53.6
C	5,35	53.3
1/4	5,50	53.1
Curb	6,05	52.6
So Line	5,50	53.1

500 feet East of 23rd

So Line	6,15	52.5
Curb	6,10	52.5
1/4	5,60	53.0
C	5,60	53.0
1/4	5,45	53.4
Curb	4,90	53.7
No Line	4,35	54.3

58.60

525 feet East of 23rd St.

No Line	4.70	53.9
Curb	5.60	53.0
1/4	5.90	52.7
C	6.20	52.4
1/4	6.30	52.3
Curb	6.05	52.6
So Line	5.60	53.0

550 feet East of 23rd St.

So Line	5.60	53.0
Curb	5.85	52.8
1/4	6.10	52.5
C	6.10	52.5
1/4	5.60	53.0
Curb	5.70	52.9
No Line	5.00	53.6

58.60

575 feet East of 23rd St

No Line	5.00	53.6
Curb	5.50	53.1
1/4	5.80	52.8
C	6.00	52.6
1/4	5.85	52.8
Curb	5.65	53.0
So Line	5.35	53.3

West Line of 24th St.

So Line	4.75	53.9
Curb	5.10	53.6
1/4	4.95	53.7
Center	4.90	53.7
1/4	4.55	54.1
Curb	4.95	53.7
No Line	4.80	53.8

L

58.60

10' East of West Line of 24th St.

No Line	4,75	53.9
Curb	4,55	54.1
1/4	4,25	54.4
C	4,85	53.8
1/4	4,85	53.8
Curb	5,05	53.6
So Line	5.15	53.5

20' East of West Line of 24th St.

So Line	5,45	53.2
Curb	5,40	53.2
1/4	4,80	53.8
C	4,80	53.8
1/4	4,50	54.1
Curb	4,70	53.9
No Line	4.85	53.8

58.60

Center Line of 24th St.

No Line	4,65	54.0
Curb	4,65	54.0
1/4	4,35	54.3
C	4,85	53.8
1/4	5,05	53.6
Curb	5,45	53.2
So Line	5,55	53.1

20 feet West of East Line 24th St.

So Line	5,45	53.2
Curb	5,30	53.3
1/4	4,70	53.9
C	4,80	53.8
1/4	4,00	54.6
Curb	4,10	54.5
No Line	4,25	54.4

58.60

10 feet West of East line of 24th St.

No Line	4.30	54.3
Curb	4.95	53.7
1/4	4.20	54.4
Center	4.70	53.9
1/4	4.80	53.8
Curb	5.20	53.4
So Line	5.45	53.2

East line of 24th St.

So Line	4.90	53.7
Curb	5.00	53.6
1/4	4.95	53.7
Center	4.80	53.8
1/4	4.20	54.4
Curb	3.75	54.9
No. Line	3.80	54.8
	4.56	54.0N

4.03 62.06 58.03

25 feet East of East line of 24th St.

No. Line	6.45	55.7
Curb	7.25	54.9
1/4	7.64	54.5
Center	8.15	54.0
1/4	8.20	53.9
Curb	8.00	54.1
So. Line	8.05	54.1

50 feet East of 24th St.

So. Line	7.15	55.0
Curb	7.20	54.9
1/4	7.25	54.9
Center	7.35	54.8
1/4	7.25	54.9
Curb	7.00	55.1
No Line	6.70	55.4

75 feet East of 24th St.

62.06

No Line	6.30	55.8
Curb	6.70	55.4
1/4	6.55	55.6
Center	6.70	55.4
1/4	6.45	55.7
Curb	6.15	56.0
So. Line	5.95	56.2

100 feet East of 24th St.

So. Line	5.40	56.7
Curb.	5.55	56.6
1/4	5.45	56.7
Center	5.75	56.4
1/4	5.80	56.3
Curb.	5.90	56.2
No. Line	6.10	56.0

62.06

125 feet East of 24th St.

No Line	4.70	57.4
Curb.	4.70	57.4
1/4	4.30	57.8
Center	4.35	57.8
1/4	3.75	58.4
Curb.	4.00	58.1
So. Line	3.80	58.3

150 feet East of 24th St.

So Line	2.95	59.2
Curb.	2.90	59.2
1/4	2.75	59.4
Center	2.70	59.4
1/4	2.90	59.2
Curb	2.65	59.5
No. Line	3.05	59.1

62.06

175 feet East of 24th St.

No Curb	0.50	61.6
Curb	0.80	61.3
1/4	1.45	60.7
Center	1.30	60.8
1/4	1.30	60.8
Curb	1.50	60.6
So Curb	1.55	60.6

11.27 7249 0.84 61.22

700 feet East of 24th St.

So Line	10.50	62.0
Curb	10.50	62.0
1/4	10.30	62.2
C	10.45	62.1
1/4	10.40	62.1
Curb	10.40	62.1
No Line	10.00	62.5

7249

225 feet East of 24th St.

No Line	9.20	63.3
Curb	9.25	63.3
1/4	8.70	63.8
C	9.05	63.5
1/4	8.70	63.8
Curb	9.20	63.3
So Line	9.25	63.3

250 feet East of 24th St.

So Line	8.25	64.3
Curb	7.85	64.7
1/4	7.40	65.1
C	7.30	65.2
1/4	6.55	66.0
Curb	6.90	65.6
No Line	6.80	65.7

72.49

275 feet East of 24th St.

No. Line	5.35	67.2
Curb	5.65	66.9
1/4	5.30	67.2
C	6.15	66.4
1/4	6.45	66.1
Curb	6.70	65.8
So Line	6.95	65.6

300 feet East of 24th St.

So Line	6.40	66.1
Curb	5.90	66.6
1/4	5.15	67.4
C	5.15	67.4
1/4	4.45	68.1
Curb	4.25	68.3
No Line	3.70	68.8

72.49

325 feet East of 24th St.

No Line	2.75	69.8
Curb	3.20	69.3
1/4	3.60	68.9
C	4.30	68.2
1/4	4.90	67.6
Curb	5.45	66.9
So Line	5.85	66.7

350 feet East of 24th

So Line	5.30	67.2
Curb	5.00	67.5
1/4	4.55	68.0
C	4.20	68.3
1/4	3.30	69.2
Curb	2.40	70.1
No Line	1.90	70.6

72.49

375 feet East of 24th St

No Line	1.45	71.4
Curb	2.35	70.2
1/4	3.25	69.3
Center	3.85	68.7
1/4	4.05	68.5
Curb	4.05	68.0
So Line	4.65	67.9

400 feet East of 24th St.

So Line	4.15	68.4
Curb	4.20	68.3
1/4	3.80	68.7
Center	3.45	69.1
1/4	3.00	69.5
Curb	2.30	70.2
No. Line	1.35	71.2

72.49

425 feet East of 24th

No. Line	1.70	70.8
Curb	2.00	70.5
1/4	2.50	70.0
Center	2.90	69.6
1/4	3.40	69.1
Curb	3.50	69.0
So. Line	4.00	68.5

400 feet East of 24th St

So Line	3.60	68.9
Curb	3.10	69.4
1/4	2.80	69.7
Center	2.85	69.7
1/4	2.20	70.3
Curb	1.60	70.9
No. Line	1.30	71.2

72.49

475 feet East of 24th

No Line	0.90	71.6
Curb	1.20	71.3
1/4	1.75	70.8
Center	2.35	70.2
1/4	2.30	70.2
Curb	2.50	70.0
So Line	3.10	69.4

500 feet East of 24th St.

So Line	2.80	69.7
Curb	2.60	69.9
1/4	2.25	70.3
Center	1.90	70.6
1/4	1.15	71.4
Curb	0.45	72.1
No Line	0.15	72.4

3.88 75.66 0.91 71.78 71.8

75.66

525 feet East of 24th St.

No Line	3.10	72.6
Curb	3.50	72.2
1/4	4.40	71.3
Center	5.05	70.7
1/4	5.25	70.5
Curb	5.45	70.3
So Line	5.40	70.3

550 feet East of 24th

So Line	5.35	70.4
Curb	5.35	70.4
1/4	5.15	70.6
Center	4.95	70.8
1/4	4.45	71.3
Curb	3.45	72.3
No Line	3.00	72.7

75.66

570 feet East of 24th St.

No Curb	2.70	73.0
Curb.	3.40	72.3
1/4	4.20	71.5
Center	4.90	70.8
1/4	5.10	70.6
Curb	5.10	70.6
No Curb	5.30	70.4

West line of 20th St.

No Curb	5.45	70.3
Curb.	5.15	70.6
1/4	5.00	70.7
Center	4.50	71.2
1/4	3.70	72.0
Curb.	3.05	72.7
No Curb	2.45	73.3

75.66

10 feet East of West line of 20th

No Curb	2.75	73.0
Curb.	3.15	72.6
1/4	3.75	72.0
Center	4.60	71.1
1/4	4.75	71.0
Curb.	5.65	70.1
No Curb	5.60	70.1

20 feet East of West line of 20th

No Curb	5.80	69.9
Curb.	5.45	70.3
1/4	4.60	71.1
Center	4.55	71.2
1/4	3.90	71.8
Curb	3.10	72.6
No Curb	2.55	73.2

75.66

Center line of 20 ft St.

No line	2.60	73.1
Curb	3.20	72.5
1/4	3.75	72.0
Center	4.35	71.4
1/4	4.45	71.3
Curb	5.30	70.4
No line	5.90	69.8

20 feet West of East line of 20 ft St

No line	5.35	70.4
Curb	4.75	71.0
1/4	4.20	71.5
Center	4.15	71.6
1/4	3.45	72.3
Curb	2.80	72.9
No line	2.30	73.4

75.66

10 feet West of East line of 25 ft St

No. line	1.90	73.8
Curb	2.55	73.2
1/4	3.40	72.3
Center	4.00	71.7
1/4	4.05	71.7
Curb	4.40	71.3
No. line	5.00	70.7

East line of 20 ft St.

No line	4.85	70.9
Curb	4.15	71.6
1/4	3.80	71.9
Center	3.85	71.9
1/4	3.25	72.5
Curb	2.15	73.6
No line	1.95	73.8

75.66

25 feet East of 25th St

No. Curb	1.90	73.8
Curb	2.25	73.5
1/4	3.30	72.4
Center	3.70	72.0
1/4	3.50	72.2
Curb	4.20	71.5
So. Curb	4.50	71.2

50 feet East of 25th St

So Curb	4.00	71.7
Curb	3.80	71.9
1/4	3.40	72.3
Center	3.60	72.1
1/4	3.40	72.3
Curb	2.40	73.3
No Curb	1.95	73.8

75.66

75 feet East of 25th St.

No. Curb	1.80	73.9
Curb	2.30	73.4
1/4	2.30	72.4
Center	3.40	72.3
1/4	2.30	72.4
Curb	3.70	72.0
So. Curb	3.90	71.8

100 feet East of 25th St

So Curb	3.25	72.5
Curb.	3.75	72.0
1/4	3.35	72.4
Center	3.30	72.4
1/4	3.05	72.7
Curb.	2.65	73.1
No. Curb	1.80	73.9

75.66.

125 feet East of 25th St.

No. Line	2.45	73.3
Curb	2.40	73.3
1/4	2.70	73.0
Center	3.10	72.6
1/4	2.90	72.8
Curb	3.05	72.7
So. Line	3.20	72.5

150 feet East of 25th St.

So. Line	2.90	72.8
Curb	2.60	73.1
1/4	2.45	73.3
Center	2.75	73.0
1/4	1.80	73.9
Curb	1.70	74.0
No. Line	1.70	74.0

75.66

175 feet East 25th St.

No. Line	1.25	74.5
Curb	1.50	74.2
1/4	1.65	74.1
Center	2.20	73.5
1/4	2.10	73.6
Curb	2.10	73.6
So. Line	2.50	73.2

2.70 76.60 1.76 73.90

St. 200 feet. East of 25th St.

So Line	3.25	73.4
Curb	3.30	73.3
1/4	3.60	7.40
Center	2.70	73.9
1/4	2.60	74.0
Curb	2.20	74.4
No. Line	2.00	74.6

76.60

220 feet East of 25th St.

No Curb	1.60	75.0
Curb	2.00	74.6
1/4	2.60	74.0
Center	2.90	73.7
1/4	3.15	73.5
Curb.	3.30	73.3
So Curb	2.20	74.4

250 feet East of 25th St.

So Curb	3.15	73.5
Curb.	3.20	73.4
1/4	3.10	73.5
Center	2.95	73.7
1/4	2.50	74.1
Curb	2.40	74.2
No. Curb	1.90	74.7

76.60

275 feet East of 25th St.

No Curb	1.95	74.7
Curb.	2.25	74.4
1/4	2.65	74.0
Center	3.05	73.6
1/4	3.10	73.5
Curb	3.25	73.4
So. Curb	3.05	73.6

300 feet East 25th St.

So. Curb	3.70	72.9
Curb	3.95	72.7
1/4	3.65	73.0
Center	3.40	73.2
1/4	3.30	73.3
Curb	2.55	74.1
No. Curb	2.15	74.5

76.60

325 feet East of 25th St

No Line	3.15	73.5
Curb	3.75	72.9
1/4	3.60	73.0
C	4.60	72.0
1/4	4.90	71.7
Curb	5.20	71.4
So Line	5.20	71.4

350 feet East of 25th St

So Line	6.20	70.4
Curb	5.55	71.1
1/4	5.60	71.0
C	5.40	71.2
1/4	4.40	72.2
Curb	4.40	72.2
No Line	4.53	72.1

76.60

375 feet East of 25th St

No Line	4.75	71.9
Curb	5.10	71.5
1/4	5.30	71.3
Center	5.80	70.8
1/4	6.10	70.5
Curb	6.25	70.4
So Line	6.25	70.4

400 feet East of 25th St

So Line	5.70	70.9
Curb	6.00	70.6
1/4	5.85	70.8
Center	5.60	71.0
1/4	5.10	71.5
Curb	4.90	71.7
No Line	4.70	71.9

76.60

425 feet East of 25 th

No Line	3.00	73.6
Curb	3.25	73.4
1/4	4.50	72.1
Center	5.10	71.5
1/4	5.20	71.4
Curb	5.20	71.4
So Line	5.30	71.3

450 feet East 25 th St.

So Line	5.40	71.2
Curb	5.30	71.3
1/4	4.85	71.8
Center	4.75	71.9
1/4	3.75	72.9
Curb	3.55	73.1
No. Line	3.15	73.5

76.60

475 feet East of 25 th

No Line	3.40	73.2
Curb	3.85	72.8
1/4	3.70	72.9
Center	5.05	71.6
1/4	5.20	71.4
Curb	5.55	71.1
So Line	5.65	71.0

500 feet East of 25 th St.

So Line	5.70	70.9
Curb	5.55	71.1
1/4	5.25	71.4
Center	5.20	71.4
1/4	4.40	72.2
Curb	3.85	72.8
No Line	3.70	72.9

76.60

525 feet East of 25th St.

No Curb	3.60	73.0
Curb	4.25	72.3
1/4	4.50	72.1
Center	5.10	71.5
1/4	5.20	71.4
Curb	5.70	70.9
So. Curb	5.60	71.0

550 feet East of 25th St.

So Curb	5.90	70.7
Curb	5.80	70.8
1/4	5.65	71.0
Center	5.35	71.3
1/4	4.85	71.8
Curb	4.00	72.6
No Curb	3.40	73.2

76.60

570 feet East of 25th St.

No. Curb	3.85	72.8
Curb	4.20	72.4
1/4	5.10	71.5
Center	5.40	71.2
1/4	5.35	71.3
Curb	5.35	71.3
Sidewalk	6.00	70.6

West Curb of 26th St.

So Curb	6.20	70.4
Curb	5.85	70.8
1/4	5.65	71.0
Center	5.25	71.4
1/4	5.00	71.6
Curb	4.50	72.1
No Curb	3.60	73.0

Kearney Ave.

3/5/04

14.60

10 feet East of West Line 26th St.

No Line		4.05	72.6
Curb		4.40	72.2
1/4		4.95	71.7
Center		5.20	71.4
1/4		5.50	71.1
Curb		6.05	70.6
So Line		6.40	70.2

20 feet East of West Line of 26th St.

So Line		6.90		69.7
Curb		6.10		70.5
1/4		5.55		71.1
Center		5.35		71.3
1/4		5.10		71.5
Curb		4.60		72.0
No Line		4.35		72.3
	11.06	87.60	5.03	71.57
			1.60	80.97

Kearney Ave.

March 7. 1904

	3.17	74.74		71.57
B.M.	3.13	76.12	1.75	72.99

Hub N.E. Corner

Center of 26th St.

No Line	3.45	72.7
Curb	3.90	72.2
1/4	4.40	71.7
C	4.70	71.4
1/4	5.15	71.0
Curb	6.00	70.1
So Line	6.30	69.8

20 West of East Line of 26th St.

So Line	6.50	69.6
Curb	5.80	70.3
1/4	5.30	70.8
C	4.60	71.5
1/4	4.15	72.0
Curb	3.80	72.3
No Line	3.35	72.8

7612

10 feet WEST of East Line 76th St.

No Line	3.20	72.9
Curb	3.40	72.7
¼	4.45	71.7
C	4.90	71.2
¼	5.40	70.7
Curb	5.90	70.2
So Line	6.05	70.1

East Line of 76th street.

So Line	6.45	69.7
Curb	5.85	70.3
¼	5.65	70.5
C	5.35	70.9
¼	4.65	71.5
Curb	3.40	72.7
No Line	3.10	73.0

7612

25 feet East of 76th St.

No Line	3.35	72.8
Curb	4.30	71.8
¼	5.00	71.1
C	5.60	70.5
¼	6.20	69.9
Curb	6.85	69.3
So Line	7.40	68.7

50 feet East of 76th St.

So Line	7.50	68.6
Curb	7.60	68.5
¼	6.85	69.3
C	6.50	69.6
¼	5.40	70.7
Curb	5.05	71.1
No Line	4.10	72.1

7612

75 feet East of 26th St.

No Line	4.50	71.6
Curb	5.42	70.7
¼	6.05	70.1
C	6.82	69.3
¼	7.50	68.6
Curb	7.60	68.5
So Line	7.70	68.4

100 feet East of 26th St.

So Line	7.80	68.3
Curb	7.40	68.7
¼	7.10	69.0
C	6.60	69.5
¼	5.45	70.7
Curb	4.40	71.7
No Line	4.25	71.9

7612

125' East of 26th St.

No Line	4.10	720
Curb	4.70	71.4
¼	5.50	70.6
C	6.40	69.7
¼	690	69.2
Curb	7.25	68.9
So Line	7.85	68.3

150 feet East of 26th St.

So Line	7.12	69.0
Curb	6.75	69.4
¼	6.50	69.6
C	5.65	70.5
¼	5.05	71.1
Curb	4.10	72.0
No Line	3.75	72.4

7612

175 feet East of 26th St.

No Line	3.35	72.8
Curb	3.70	72.4
1/4	4.70	71.4
C	4.80	71.3
1/4	6.05	70.1
Curb	6.45	69.7
So Line	7.15	69.0

200 feet East of 26th St

So Line	7.00	69.1
Curb	6.10	70.0
1/4	5.80	70.3
C	4.60	71.5
1/4	4.35	71.8
Curb	3.65	72.5
No Line	3.30	72.8

7612

225 feet East of 26th

No Line	3.80	72.3
Curb	4.10	72.0
1/4	4.60	71.5
C	4.95	71.2
1/4	5.70	70.4
Curb	6.20	69.9
So Line	6.65	69.5

250 feet East of 26th St.

So Line	6.50	69.6
Curb	6.40	69.7
1/4	6.05	70.1
C	5.90	70.9
1/4	5.15	71.0
Curb	5.10	71.0
No Line	4.80	71.3

76.12

175 feet East of 26th St,

No Line	5.35	70.8
Curb	6.30	69.8
1/4	6.20	69.9
C.	6.60	69.5
1/4	6.70	69.4
Curb	6.95	69.2
So Line	6.80	69.3

300 feet East of 26th St,

So Line	7.60	68.5
Curb	7.70	68.4
1/4	7.70	68.4
C	6.90	69.2
1/4	6.70	69.4
Curb	6.95	69.3
No Line	6.70	69.9

76.12

325 feet East of 26th St,

No Line	6.30	69.8
Curb	7.15	69.0
1/4	7.25	68.9
C	7.40	68.7
1/4	8.20	67.9
Curb	8.60	67.5
So Line	8.45	67.7

350 feet East of 26th St,

So Line	9.20	66.9
Curb	8.90	67.2
1/4	8.75	68.4
C	8.00	68.1
1/4	7.20	68.9
Curb	6.90	69.3
No Line	6.70	69.9

4.60 72.33 8.39 67.73

7233

375 feet East of 26th St.

No Line	2.70	69.6
Curb	3.10	69.2
1/4	3.50	68.8
C	4.15	68.2
1/4	4.65	67.7
Curb	4.70	67.6
No Line	4.90	67.4

400 feet East of 26th St.

No Line	5.25	67.1
Curb	4.60	67.7
1/4	4.50	67.8
C	3.55	68.8
1/4	3.15	69.2
Curb	2.95	69.4
No Line	2.50	69.8

7233

425 feet East of 26th

No Line	3.00	69.3
Curb	3.30	69.0
1/4	3.35	69.0
C	3.65	68.7
1/4	4.30	68.0
Curb	4.85	67.5
No Line	5.25	67.1

450 feet East of 26th St.

No Line	4.45	67.9
Curb	4.50	67.8
1/4	4.25	68.1
C	4.15	68.2
1/4	3.65	68.7
Curb	3.45	68.9
No Line	3.30	69.0

7233

475 feet East of 26th St.

No Line	3.05	69.3
Curb	3.43	68.9
1/4	3.85	68.5
C	4.10	68.2
1/4	4.25	68.1
Curb	4.55	67.8
No Line	4.80	67.5

500 feet East of 26th St.

No Line	4.80	67.5
Curb	4.40	67.9
1/4	4.10	68.2
C	4.00	68.3
1/4	3.45	68.9
Curb	2.73	69.6
No Line	2.88	69.5

7233

525 feet East of 26th St.

No Line	3.13	69.2
Curb	3.45	68.9
1/4	3.90	68.4
C	4.33	68.0
1/4	4.80	67.8
Curb	4.63	67.7
No Line	4.93	67.4

550 feet East of 26th St.

No Line	5.30	67.0
Curb	5.15	67.2
1/4	4.90	67.4
C	4.75	67.6
1/4	4.75	67.6
Curb	4.83	67.8
No Line	4.30	68.0

7233

5 7/8 feet East of 26th St.

No Line	4.53	67.8
Curb	4.55	67.8
1/4	5.10	67.2
C	4.80	67.5
1/4	4.35	68.0
Curb	4.85	67.5
So Line	5.50	66.8

West Line of 27th St.

So Line	6.30	66.0
Curb	6.13	66.2
1/4	5.83	66.5
C	5.60	66.7
1/4	5.60	66.7
Curb	4.95	67.4
No Line	4.63	67.7

7233

10 feet East of West Line of 27th

No Line	5.00	67.3
Curb	5.43	66.9
1/4	5.90	66.4
C	6.00	66.3
1/4	6.13	66.2
Curb	6.43	65.9
So Line	6.43	65.9

20 feet East of West Line of 27th

So Line 39 feet out	6.70	65.6
26 feet out	6.41	65.9
1/4	6.20	66.1
C	6.15	66.2
1/4	6.00	66.3
Curb	5.65	66.7
No Line	5.33	67.0

77.33

Center of 27th St.

Mo Line	5.35	67.0
Curb	5.80	66.5
1/4	6.20	66.1
C	6.25	66.1
1/4	6.33	66.0
26 feet from Center	6.55	65.8
34 feet to North line of Union	6.70	65.6

20 feet West of East line of 27th

26.5 feet to North line of Union	6.60	65.7
13 out 1/4	6.05	66.3
C	6.35	66.0
1/4	6.33	66.0
Curb	6.00	66.3
Mo Line	5.70	66.6

77.33

10 feet West of East line of 27th

Mo Line	6.05	66.3
Curb	6.33	66.0
1/4	6.43	65.9
C	6.40	65.9
(13) 1/4	6.45	65.9
15' to North line of Union	6.53	65.8

East line of 27th St.

7.5' to north line of Union	6.90	65.4
Center of Tramway	6.67	65.7
1/4	6.57	65.8
Curb	6.50	65.8
Mo Line	6.73	66.1

Kearney Ave.

72.33

10 feet East of East Line of 27th St.

No Line	6.00	66.3
Curb	6.13	66.2
1/4	6.63	65.7
Intersection of Center Line of Kearney & No Line of Union	6.80	65.5

20 feet East of East Line of 27th

No. Line	6.00	66.3
Curb	6.15	66.2
8' North to North Line of Union	6.63	65.7

30 feet East of East Line of 27th

No Line	5.95	66.4
Curb	6.15	66.2
16' North to North Line of Union	6.80	65.5

Hutchison
Torrance
Comly

72.33

40 feet East of East Line of 27th

No Line	6.10	66.2
23.5 feet North to North Line of Union	6.50	65.8

50 feet East of East Line of 27th

No Line	6.20	66.1
33' to North Line of Union	6.20	66.1

50 feet East of East Line of 27.

40 feet out to intersect of North Line of Kearney & Union	6.13	66.2

9.06	76.63	4.76	67.57	B.M.
		3.65	72.96	

Kearney Ave { M. Davis, Brad, Fay

Sta	+	H.I.	−	Rod	Elev B.M.
	3.28	70.85			67.57
		10.1 E of 20 27			
No. line				4.4	66.4
Curb				4.7	66.1
¼				5.2	65.6
Center of Kearney = No line Union				5.4	65.4
		25.6 E of 20 27			
No line				4.5	66.3
Cb.				4.7	66.1
¼ = No. line of Union				5.3	65.5
		41.1 E of 20 27			
No line				4.6	66.2
Cb. = No line Union				4.8	66.0
		58.1 E of 20 27			
No line = intersection of No line of Kearney with No line Union				4.6	66.2

E 4th

East line 23d. to W. line 24th.

East Line of 23rd Street

	6.78	166.88	160.10
Mo. Line		7.30	159.6
Curb		7.30	159.6
1/4		6.70	160.2
Center		6.20	160.7
1/4		6.00	160.9
Curb		5.30	161.6
So Line		4.40	162.5

75' East of East Side of 23rd St

So Line		3.00	163.9
Curb		3.40	163.5
1/4		4.50	162.4
Center		4.10	162.7
1/4		4.60	162.3
Curb		5.40	161.5
Mo Line		6.50	160.4

3/14/04 { Hutchinson / Torrance / Conley

166.88

50' East of 23rd St.

Mo Line		3.20	163.7
Curb		2.30	164.6
1/4		2.50	164.4
Cent.		2.15	164.8
1/4		2.50	164.4
Curb		1.60	165.3
So Line		1.40	165.5
	9.28	174.81	1.35	165.53

75' East of 23rd St.

So Line		7.90	166.9
Curb		8.10	166.7
1/4		8.70	166.1
Cent.		8.40	166.4
1/4		8.80	166.0
Curb		8.50	166.3
Mo Line		8.50	166.3

E 21st "

174.81

100 feet East of W 23rd St.

No Line	6.90	167.9
Curb	6.90	167.9
1/4	7.10	167.7
Cent	6.80	168.0
1/4	7.30	167.5
Curb	6.80	168.0
So Line	6.61	168.2

175 feet East of W 23rd St.

So Line	5.61	169.2
Curb	5.70	169.1
1/4	5.80	169.0
Cent	5.60	169.2
1/4	5.10	169.7
Curb	4.81	170.0
No Line	4.80	170.0

E 21st Street "

3/14/04

174.81

West Side of 24th Street.

No Line	3.90	170.9
Curb	4.40	170.4
1/4	4.50	170.3
Cent	4.90	169.9
1/4	4.90	169.9
Curb	5.10	169.7
So Line	4.80	170.0
	0.68	174.13

8th Street 3/14/04 { Hutchison Torrance County

	11.44	115.23		103.79
North Line of A Street.				
W Line			9.55	105.7
Curb			9.70	105.5
1/4			9.10	106.1
Cent			9.20	106.0
1/4			9.65	105.6
Curb			10.70	104.5
East Line			10.48	104.7
15' North of North Side of A St.				
East Line			8.80	106.4
Curb			8.55	106.6
1/4			8.35	106.8
Cent			8.10	107.1
1/4			8.10	107.1
Curb			7.70	107.5
W Line			7.40	107.8

		115.23		
50' North of A St.				
W Line			2.90	114.3
Curb			3.30	111.9
19' from center			3.90	111.3
1/4			3.80	111.4
Cent.			4.10	111.1
1/4			4.40	110.8
22' from center			4.80	110.4
Curb			4.50	110.7
East Side			4.70	110.5
	11.77	124.83	2.17	113.06

8th Street.

12.83

100 feet North of A St

East Line	7.30	117.5
Curb	7.60	117.2
V3' from Center	7.95	116.9
1/4	7.65	117.2
Cent	7.20	117.6
1/4	6.95	117.9
Curb	6.50	118.3
W Line	6.15	118.7

135' North of A St

W Line	1.80	123.0
Curb	2.10	122.7
1/4	2.10	122.7
Center	2.50	122.3
1/4	2.90	121.9
Curb	2.10	122.1
East Line	2.50	122.3

12.83

150 feet North of A St.

East Line	0.80	124.0
Curb	1.00	123.8
V3' from Center	1.60	123.2
1/4	1.23	123.8
Cent.	0.60	124.2
1/4	0.40	124.4
V3' out from Center	0.30	124.5
Curb	+0.30	125.10
W Line	+0.70	125.38
12.08	13.28	0.63	124.70

136,28

160 feet North of A St

West Side	10,30	126.0
Curb	10,40	125.9
W feet from Center	11.20	125.1
¼	11.10	125,2
Cent	11,20	125.1
¼	11.90	124.4
W' out.	12.90	123.4
Curb	12,00	124.3
East Line	11.70	124.6

700 feet North of A St.

East Line	10,05	126.3
Curb	10,50	125,8
W out	11,00	125,3
¼	10,10	126.2
Cent	9.70	126.9
¼	9.10	127.2
W' out	9.80	127.0

136,28

Curb	8,60	127.7
W Line	8,00	128.3

250' North of A St

W Line	5,60	130,7
Curb	6,10	130.2
Curb	6,50	129.8
¼	6,90	129.4
Cent	7,00	129.3
¼	7.90	128.4
W out	9,00	127.3
Curb	8,00	128.3
East Line	7.90	128.4

8th St

136.28

50 feet North of Ash

East Line	4.80	131.5
Cent	4.80	131.5
V3' out	5.40	130.9
1/4	4.90	131.4
Cent	4.05	132.3
1/4	3.80	132.5
VV out	3.80	132.5
Cent	3.00	133.3
W Line	2.90	133.4

100' North of Ash.

W Line	2.70	133.6
Cent	2.60	133.7
VV out	3.40	132.9
1/4	3.40	132.9
Cent	3.60	132.7
1/4	4.40	131.9

V3' out	5.70	131.3
Cent	4.60	131.7
East Line	4.60	131.7
10.00 41.88	4.40	131.88

150 feet North of Ash ~~St~~

East Line	9.50	132.4
Cent	9.80	132.1
VV' out.	10.10	131.8
1/4	9.60	132.3
Cent.	8.90	133.0
1/4	8.60	133.3
V3' out	8.50	133.4
Cent	7.90	134.0
W Line	7.40	134.5

14.85

700 feet North of Ash Street

West Line	7.40	134.5
Curb	7.40	134.5
¼ out	8.00	133.9
½	8.25	133.7
Cent	8.40	133.5
¼	9.15	132.8
Curb	9.15	132.8
East Line	9.15	132.8

750 feet North of Ash St.

East Line	8.00	133.9
Curb	7.90	134.0
Curb	8.25	133.7
¼	7.65	134.3
Center	6.60	135.3
¼	6.40	135.5
Curb	6.00 5.20	135.9 136.7
West Line	5.20	136.7

8th Street

3/14 5th/c

South Line of Beech Street

W Line	2.40	139.5
	3.00	138.9
Curb	3.90	138.0
¼	4.10	137.8
Center	4.30	137.6
¼	5.55	136.4
Curb	5.90	136.0
East Line	6.10	135.8

Nutmeg Street.

3/14/04 { Hutchison, Comly, Torrance

4.16	265.79		261.63

West Line of 4th Street

So Line	4.48	261.3
	4.75	261.1
Curb	5.10	260.7
1/4	4.60	261.2
C	4.20	261.6
1/4	4.05	261.8
Curb	4.05	261.8
No Line	3.70	262.1

75' West of 4th St.

No Line	3.40	262.4
Curb	3.85	262.0
1/4	4.45	261.4
Center	4.65	261.2
1/4	4.75	261.1
Curb	5.60	260.2
	5.35	260.5

50 feet West of 4th St.

	5.90	259.9
So Curb	6.00	259.8
1/4	5.35	260.5
C	4.60	261.2
1/4	4.80	261.0
Curb	4.20	261.6
No Line	3.75	262.1

75 West of 4th

No Line	4.35	261.5
Curb	4.60	261.2
1/4	5.20	260.6
Center	5.50	260.3
1/4	5.75	260.1
Curb	6.60	259.2
	6.50	259.3

265.79

100' West of 4th St.

So Curb	6.95	258
	7.20	258.6
1/4	6.65	259.2
Center	6.30	259.5
1/4	5.75	260.1
Curb	5.20	260.6
No Line	4.85	261.0

175' West of 4th

No Line	5.70	260.7
Curb	5.80	260.0
1/4	6.20	259.6
C	6.90	258.9
1/4	7.10	258.7
	7.80	258.0
So Curb	7.52	258.2

65.79

150' West of 4th St.

	8.10	257.7
So Curb	8.40	257.4
1/4	7.70	258.1
C	7.15	258.7
1/4	6.70	259.1
Curb	6.25	259.6
No Line	6.25	259.6

175' West of 4th Street

No Line	6.30	259.5
Curb	6.90	258.9
1/4	7.40	258.4
C	7.70	258.1
1/4	8.20	257.6
	9.00	256.8
Curb	8.70	257.1

Nutmeg St
3/14/04

265.79

East Side of 35th Street

So Curb	9.25	256.6
	9.40	256.4
1/4	8.55	257.2
Center	8.25	257.6
1/4	7.80	258.0
Curb	7.85	258.0
No Line	7.40	258.4

17th" Street

4/11/04 Hutchison

12.16 59.50 47.34

North Line of "G" Street

Center	9.0	50.5
1/4	9.4	50.1
Curb	10.2	49.3
East Line	11.1	48.4
50' East of East Line	9.7	49.8
100' " " "	7.3	52.2
150' " " "	3.8	55.7
West Line of 18th" St.	0.9	58.6

75' North of "G"

Center	8.1	51.4
1/4	8.5	51.0
Curb	9.4	50.1
East Line	10.0	49.5

Torrance County

50' North of N Line of "G" St.

59.50

Center	6.6	52.9
1/4	7.2	52.3
Curb	7.6	51.9
East Line	8.4	51.1
50' East of East Line	10.0	49.5
100	7.0	52.5
150'	4.0	55.5
West Line of 18th"	1.6	57.9

75' North of "G"

Center	4.5	55.0
1/4	5.2	54.3
Curb	6.0	53.5
East Line	6.7	52.8

17th St.

59.50

100' North of "G" Street

Center		2.1	57.4
¼		2.7	56.8
Curb		3.5	56.0
East Line			54.7
35' East of East Line		5.5	51.0
50' " " " "		9.1	50.4
80' " " " "		9.1	50.4
100' "		6.4	53.1
120 "		5.7	53.6
150' "		3.4	56.1
West Line of 18th St.		0.8	58.7
125' North of "G"			
Center	64.95	4.5	60.5
¼		4.7	60.3
Curb		5.5	59.5
East Line		7.0	58.0

59.50

150' North of "G" Street.

West Line of 18th St.			2.1	57.4
170' East of East Line of 17½ St.			2.8	56.7
150			4.5	55.0
115			7.2	52.3
T.P.	6.13	64.95	0.68	58.82
100' East of East Line of 17½			13.0	52.0
60' " " " " "			13.2	51.8
50' " " "			12.0	53.0
East Line of 17½ St.			4.5	60.5
Curb			3.4	61.6
¼			2.4	62.6
Center			2.1	62.9
T.P.	10.03	74.84	0.14	64.81

175' North of "G"

Center	8.0	66.8
¼	9.3	65.5
Curb	10.6	64.2
East Line	12.1	62.7

200' North of "G" Street

Center	74.84	5.4	69.4
1/4		6.2	68.6
Curb		7.5	67.3
East Line		10.0	64.8
50' East of East Line	64.95	6.6	58.4
85' " " "		10.3	54.7
100' " " "		10.4	54.6
150		11.0	53.9
West Line of 18th St.		11.3	53.7

275 feet North of G.

Center	74.84	7.6	67.2
1/2		3.4	71.4
Curb		4.7	70.1
East Line		7.0	67.8

250 feet North of "G"

West Line of 18th	64.95	5.9	59.1
150' East of 17th		6.2	58.7
140 " " "		6.8	58.2
100' " "		3.1	61.9
50' " " "		0.0.	65.0
East Line of 17	74.84	3.5	71.3
Curb		2.0	72.8
1/4		0.7	74.1
Center.		0.1	74.7
T.P.	7.54	8.194	0.64	74.40

175' North of G Street

Center	3.9	78.0
1/2	4.8	77.1
Curb	5.9	76.0
East Line	7.4	74.5

17th Street.

4/11/04.

South Line of F Street

Center		81.94	2.4	79.5
1/4			2.2	79.7
Curb			3.1	78.8
East Line			4.7	77.2
50' East of East Line			9.6	72.3
100' " " "				67.5
T.P.	4.68	73.99	12.63	69.31
150			9.8	64.2
West Line of 18th St.			11.0	63.0
	9.94	83.25	0.68	73.31
			1.51	81.74
	1.51	83.45		81.94
	0.80	71.95	12.30	71.15
	0.36	59.31	13.00	58.95
			11.74	47.57
				47.34 / 23

Hutchison
Torrance
Comly

Note Levels.

Levels on 17th Street run from B.M. Nozzle of Hyd. S.W. cor. 17th & Ca. this B.M. is 0.20 Lower than B.M. M.W. Cor. 18th & F.

15th Street

Hutch Yorr Comly

0,37	37.89		37.52
2,13	31.93	8.09	29.80
		2,46	29.47

50' North of North Line of I Street

Center	7.2	24.7
1/4	7,0	24.9
Curb	6,5	25.4
East Line	5,5	26.4

75' North of I Street.

East Line.	5.4	26.5
Curb	6.2	25.7
1/4	7.0	24.9
Center	7.2	24.7

100' North of I Street.

Center	6.9	25.0
1/4	6.7	25.2
Curb	6.2	25.7
East Line.	5.3	26.6

4/20/04

15th St.

31.93

125' ~~East~~ North of I Street

Center Line.	6,4	25.5
1/4	6,4	25.5
Curb	5.7	26.2
East Line	5,1	26.8

150' North of I Street

East Line	5,1	26.8
Curb	5,7	26.2
1/4	6,3	25.6
Center	6.4	25.5

24th Street.

S. E. 1/4 of Street Bet. J. & I.

10.76	109.15	98.39

North Line of J Street,

Center	10.0	99.2
1/4	10.0	99.2
Curb	9.7	99.5
East Line	8.4	100.8

25' North of J St

East Line	6.9	102.3
Curb	8.1	101.1
1/4	8.3	100.9
Center	9.0	100.2

50' North of J St

Center	6.5	102.7
1/4	6.5	102.7
Curb	6.4	102.8
East Line	6.0	103.2

4/20/14 { Hutchison, Torrance, Comey

109.15

75' North of J St

East Line	4.4	104.8
Curb	5.1	104.1
1/4	5.0	104.2
Center	4.5	104.8

100' North of J St

Center	3.3	105.9
1/4	3.5	105.7
Curb	3.5	105.7
East Line	3.2	106.0

125' North of J St

East Line	1.9	107.3
Curb	2.2	107.0
1/4	2.4	106.8
Center	2.2	107.0

150' North of J St

Center	1.3	107.9
1/4	1.5	107.7
Curb	1.5	107.7
East Line	1.7	107.5

SPRUCE

		So Line.		Center		No Line	
B.M. 3.17	284.44 ~~286.14~~	281.27 ~~282.97~~					
West Line 5th		5.5	281.0	3.8	280.7	3.8	280.7
50' West of "		5.2	279.2	5.7	278.7	5.0	279.4
100' " " "		8.1	276.3	8.0	276.4	7.6	276.8
150		9.4	275.0	9.2	275.2	8.5	276.0
East Line 4th		11.1	273.3	11.6	272.8	10.8	273.6
Center "		12.1	272.3	12.2	272.2	11.6	272.8
West " "		12.5	271.9	11.8	272.5	11.6	272.8
	9.74 ~~284.13~~ 282.43	11.75	~~274.39~~ 272.69				
50' West of 4th		10.7	271.7	10.3	272.1	9.6	272.8
100		~~9.5~~ 10.1	271.4	10.7	271.7	9.5 8.5	274.0
150		10.4	272.0	10.8	271.6	9.7 6.1	276.3
East Line 3rd		10.2	272.2	10.1	272.3	9.0 3.7	278.7
East " "		6.5	275.9	6.5	275.9	3.7	278.7
Center " "		6.6	275.8	4.6	278.3	5.3	277.1
~~East~~ West "		5.6 6.5	276.9	7.2	275.2	6.2 4.4	278.0
50' West of 3d		6.2	276.2	6.1	275.1	6.6 5.1	277.3

Spruce St

			So Line			Center		Mo Line	
100' West of 3rd		282.43 ~~284.13~~	6.3	7.4	276.1	7.2	275.2	7.2 5.7	276.7
150 " " "			7.3	8.1	275.1	8.0	274.4	7.2 6.4	276.0
East Line " 2nd			8.4		274.0	9.0	273.4	8.0	274.4
Center " " "			9.5		272.9	9.7	272.7	9.3	273.1
West Line 2nd			10.0		272.4	10.6	271.8	9.9	272.5
B.M.	1.91	274.64 ~~276.34~~	9.70		272.73 ~~274.43~~	Hub in Center of Spruce + 2nd			
50' West of 2nd			3.9		270.7	3.7	271.0	4.0	270.6
100' " " "			6.9		267.9	8.6	266.0	7.7	266.9
150 " " "			16.4		258.2	16.2	258.4	14.5	260.1
	0.23	262.84 ~~264.54~~	12.03		262.61 ~~264.31~~				
200' East Line 1st St.			9.5		253.3	8.6	254.2	7.0	255.8
~~20~~ Center Line 1st.			12.2		250.6	11.8	251.0	11.1	251.7
	1.87	252.69 ~~254.39~~	12.02		250.82 ~~252.52~~				
West Line 1st Street.			4.6		248.1 ~~249.8~~	4.5	248.2	4.0	248.7
50' West of " "			9.7		243.0	9.0	243.7	8.3	244.4
100			12.5		240.2	12.0	240.7	11.0	241.7
150' " " " "			12.9		239.8	12.6	240.1	11.9	240.8
	1.27	241.48 ~~243.18~~	12.48		240.21 ~~241.91~~				

		H.I.	So Line		Center		Mc Line	
East Line Front		241.48 ~~243.18~~	3.8	237.7 ~~239.3~~	4.8	236.7	3.4	238.1
Center			7.7	233.8	8.03	233.5	5.2	236.3
B.M.	2.19	235.64 ~~237.34~~	~~7.7~~		8.03	233.45 ~~235.15~~	Hub Center Front + Spruce	
West Line Front			5.8	229.8	5.7	230.4	3.2	232.4
50' West of "			9.6	226.0	8.0	227.6	7.0	228.6
100' " " "			14.2	221.4	11.0	224.6	10.4	225.2
	0.06	222.90 ~~224.60~~	12.80	222.84 ~~224.54~~				
150 " " "			17.4	211.5	8.4	214.5	12.7	210.2
	0.71	211.55 ~~213.25~~	12.06	210.84 ~~212.54~~				
	1.21	200.58 ~~202.28~~	12.18	199.37 ~~201.07~~				
East Side Albatross			13.8	186.8 ~~188.5~~	6.8	194.0		
	0.68	188.87 ~~190.57~~	12.39	188.19 ~~189.89~~				
East Side Albatross B.M.			1.92	186.95 ~~188.65~~	Hub S.E. Cor. Albatross + Spruce			
				~~189.02~~			3.5	185.4
Center Line Albatross			13.5	175.4	11.1	177.8	17.6	171.3
	0.56	176.96 ~~178.66~~	12.47	176.40 ~~178.10~~				
West Line Albatross			16.5	160.0	15.4	161.6	16.2	160.8

			So Line		Center		No Line	
		176.96						
15' West of Albatross		~~179.66~~	24.0	153.0	24.0	153.0	24.0	153.0
50' " " "			19.0	158.0	15.5	161.5	13.3	163.7
	2.77	189.72		186.95				
100' West of Albatross			23.0	166.7	15.0	174.7	9.8	179.9
150' " " "			6.7	182.0	4.2	185.5		
	12.30	201.25	0.77	188.95				
150' " " "							6.4	194.8
East Line of Brant			1.9	199.4	2.3	199.0		
	12.41	211.80	1.86	199.39				
Center Line of Brant			~~11~~		1.1	210.7		
B.M.	11.95	222.69	1.06	210.74	Hub. Center Brant + Spruce			
East Line Brant							1.5	221.2
Center Line Brant			7.6	215.1	~~7.6~~			
	12.19	234.87	0.01	222.68				
Center Line Brant							8.6	226.3
West Line Brant			10.07 ~~1.07~~	224.80 ~~233.80~~	13.8	221.1	7.8	227.1

Continued on Page 148

3rd Street

		West Line		Center		East Line	
	282.43 ~~284.13~~						
No Line of Spruce		4.4	278.0	5.2	277.2	3.7	278.7
50' No " "		4.0	278.4	4.8	277.6	3.2	279.2
100' " " "		3.5	278.9	4.4	278.0	2.6	279.8
150'		2.8	279.6	4.1	278.3	2.2	280.2
200' " " "		2.4	280.0	2.9	279.5	1.9	280.5
250		2.0	280.4	2.0	280.4	1.4	281.0
So Line Thom. St.		1.6	280.8	1.4	281.0	1.0	281.4
=	=	=	=	=			
South Line Spruce		5.5	277.9	6.5	276.9	6.5	276.9
50' So of Spruce		6.0	276.4	6.9	275.5	8.6	273.8
100 " " "		6.6	275.8	7.9	274.5	9.5	272.5
150 " "		7.7	275.2	7.4	275.0	12.3	270.1
200		7.7	274.7	8.4	274.0	14.3	268.1
250		8.4	274.0	9.1	272.7	17.5	264.9
No Line Redwood		9.4	273.0	12.1	270.3	20.0	262.4

5/25/04

2nd " Street,

		West Line		Center		East Line	
	7.01	279.74 ~~281.44~~	~~274.43~~				
N° Line Spruce		7.2	272.5	6.6	273.1	5.3	274.4
50' N. of "		7.1	272.6	5.5	274.2	4.4	275.3
100' " " "		6.6	273.1	5.0	274.7	4.1	275.6
150		6.1	273.6	4.7	275.0	3.9	275.8
200		5.9	273.8	4.6	275.1	3.4	276.3
250		5.7	274.0	4.2	275.5	3.2	276.5
South Line ~~Redwood~~ Thorn		5.5	274.2	4.0	275.7	2.8	277.0
=	=	=	=				
South Line Spruce		7.3	272.4	6.2	273.5	5.7	274.0
50' So. of "		7.8	272.0	6.8	273.0	5.9	273.8
100'		8.4	271.3	7.4	272.3	6.7	273.0
150' " " "		8.8	271.0	8.1	271.6	7.4	272.3
200		9.8	270.0	9.9	269.8	8.2	271.5 ~~270.1~~
250' " " "		13.5	266.2	13.1	267.0	9.4	270.3
N° Line Redwood		15.2	264.5	14.6	261.1	12.3	267.4

5/25/04

Front St.

		East		Center		West	
So Line of Spruce	241.48 ~~243.18~~	3.8	237.7	7.7	233.8	11.7	229.8
50' So " "		3.9	237.6	8.1	233.4	11.1	230.4
100' " " "		4.6	236.9	8.5	233.0	11.0	230.5
150		6.2	235.3	10.0	231.5	12.0	229.5
0.84	231.38 ~~233.08~~	10.94	~~232.24~~				
200		3.5	227.9	10.4	221.0	17.8	213.6
250		26.0	205.4	28.0	203.4	36.0	195.4
Mo Line of Redwood		50.0	181.4	50.0	181.4	50.0	181.4
7.35	240.80 ~~242.50~~		235.15				
Mo Line of Spruce		2.6	238.2	4.5	236.3	8.3	232.5
50' Mo " "		0.6	240.2	3.6	237.2	8.9	231.9
100		0.7	240.1	4.7	236.1	8.5	232.3
150		1.0	239.8	3.6	237.2	7.5	233.3
200		2.2	238.6	4.6	236.2	6.1	234.7
225		2.8	238.0	6.2	234.6	9.1	231.7
250		4.0 ~~4.0~~	236.8	18.1	222.7	21.0	219.8
So Line Thorn.		3.5	237.3	12.6	228.2	21.0	219.8

146

Albatross.

			West Line		Center		East Line	
		176.96 ~~178.66~~						
50' No. of Spruce			18.0	159.0	6.3	170.7	+6.0	183.0 ~~184.7~~
100' " "			11.4	165.6	6.3	170.7	+5.0	182.0 ~~183.7~~
150' " "			7.0	170.0	7.3	169.7	+2.0	179.0 ~~180.7~~
200 " "			+0.6	177.6 ~~179.3~~	9.7	167.3	00	177.0 ~~178.7~~
250 " "					3.5	173.5	1.1	175.9 ~~177.6~~
50' So of Spruce.			19.0	168.0	8.1	168.9	+3.0	180.0
100' So. " "			21.3	155.7	16.4	160.6	-8.0	169.0
B.M.	0.41	187.36		186.95				
	1.21	175.64.	12.93	174.43				
150 So of Spruce			N6.0	149.6	16.7	159.0	1.6	174.0
200' " "			N6.0	149.6	11.8	163.8	+4.0	179.6
N50			N6.9	148.7	14.9	160.7	0.0	175.6

5/26/04

147

148 Spruce

			So Line		Center		No Line	
from Page 138.								
50' West of Brant.		234.87	0.0	234.9	1.1	233.8	1.0	233.9
	8.13	241.76	1.24	233.63				
100' " " "			3.2	238.8	2.2	239.6	1.9	239.9
125			4.0	237.8	2.8	239.0	1.0	240.8
150			7.3	234.5	6.1	235.7	4.2	237.6
200 ft East Line Curlew			18.3	223.4	14.7	227.1	11.5	230.3
	0.85	230.10	12.51	229.25				
B.M.	0.56	218.11	12.55	217.55	Center Hub Curlew & Spruce			
Center Line Curlew			6.2	212.0	0.6	217.5		
West Line "			15.0	203.1	10.0	208.1	4.81	213.80
	1.22	207.12	12.23	205.88				
50' West of Curlew			14.0	193.1	8.4	196.7	2.3	204.8
100' " " "			16.4	190.7	9.5	197.6	4.4	202.7
150 " " "			16.5	190.6	12.3	194.8	10.7	196.4
T.P.	0.12	194.57	12.65	194.45				
East Line Door			9.0	185.6	7.7	187.0	5.5	189.1
~~Center~~ " T.P.	1.05	183.21	12.41	182.16				
Center Line Door			3.6	179.6	4.1	179.1	4.8	178.4
West " "			11.8	171.4	12.8	170.4	11.8	171.4
T.P.	0.73	170.93	13.01	170.20				
50' West of Door			10.7	160.2	15.0	155.9	13.0	157.9
	0.19	157.87	13.26	157.68				
100' " " "			9.8	148.4	17.0	140.8	13.5	144.4
200' " "			30.0	127.9	35.0	122.9	33.0	124.9

149

		H.I.	So. Line		Center		N° Line	
West Line Brant.								
50' West of Brant		212.66 ~~221.66~~					9.3	203.4
	0.65	201.90 ~~210.90~~	11.41	201.25 ~~210.25~~				
50' West of Brant			9.5	192.4	4.6	197.3		
	2.69	232.39 ~~241.39~~		229.70 ~~238.70~~				
125' " " " "			—		3.3	229.1	0.9	231.5
150.			5.2	227.2	4.6	227.8	4.0	228.4
175			9.2	223.2	9.3	223.1	1.9	220.5
TP	2.96	222.60 ~~231.60~~	12.75	219.64 ~~228.64~~				
West Line Curlew			6.0	216.6	10.0	212.6	11.2	211.4
50' East of Brant.		166.27 ~~175.27~~	17.2		10.0	156.3	5.6	160.7
	1.15	155.05 ~~164.05~~	12.37	153.90 ~~162.90~~				
100' East of Brant			16.1	139.0	11.7	143.4	5.8	149.3
150			11.1	127.0	13.7	131.4	17.8	137.3
West Line Albatross			6.4	148.7	12.5	142.6	10.2	144.9

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			West		Cent		East	
No Line Spruce		230.10			8.7	221.4	0.2	229.9
50' N of Spruce			10.5	219.6	3.3	226.8		
	12.55	241.14	1.51	228.57				
50' " " "							7.4	233.7
100'			15.0	216.1	10.2	230.9	5.6	235.5
150' " " "			10.1	231.0	5.5	235.6	2.4	238.7
	3.26	246.02	2.38	238.76				
200			10.2	235.8	7.5	238.5	4.0	242.0
250			8.0	238.0	5.5	240.5	2.3	243.7
No Line Thom.			6.8	239.2	3.8	242.2	0.7	245.3
	2.25	219.80		217.55				
50' No of Spruce			~~27~~		12.7	207.1	0.4	219.4
100' " " "							5.2	214.6
150' " " "							8.5	211.5
200							9.1	210.7
250							10.4	209.4
M° line Redwood							8.5	211.3
T.P.	1.83	209.38	13.25	207.55				
50 No of Spruce			13.5	195.9				
100			17.6	191.8	5.5	203.9		
150			12.0.0	189.4	9.6	199.8		
200			20.0	189.4	11.1	198.3		
250			20.0	189.4	10.1	198.7		
M° Line Redwood			21.0	188.4	17.5	197.0		

Brant St.

		N.L.	East Line		Center		West Line	
		236.34		224.80				
	11.54	~~245.34~~		~~233.80~~				
50' So of Spruce			12.0	224.3	6.6	229.7	3.1	233.2
100' " " "			12.4	224.0	6.2	230.1	2.9	233.4
150			16.5	219.8	9.3	227.0	5.1	231.2
200' " " "							8.6	227.7
		224.40		223.75				
	0.65	~~233.40~~	12.59	~~232.75~~				
200 " " "			13.8	211.1	2.1	222.3	—	
250					8.3	216.1	+1.0	225.4
								~~234.40~~
		212.66		212.01				
	0.65	~~221.66~~	12.39	~~221.01~~				
No Line Redwood							12.6	200.0
250 So of Spruce		~~210.90~~ 201.90	7.7	194.2				
No Line Redwood		~~210.90~~ 201.90	~~210.90~~		6.8	195.1		
		190.56		190.18				
	0.38	~~199.56~~	11.72	~~199.18~~				
No Line Redwood			6.7	183.9				
Center " "							13.5	177.0
		178.66		178.45				
	0.21	~~187.66~~	12.11	~~187.45~~				
Center Line "			6.1	172.6	5.7	175.5		
So Line Redwood							5.9	172.8
		166.27		166.03				
	0.24	~~175.27~~	12.63	~~175.03~~				
So Line Redwood			3.0	163.3	6.9	159.4		

			East		Center		West	
50' So of Redwood		166.27 ~~175.27~~	19.0	147.3	16.7	149.6	8.5	157.8
	0.10	155.23 ~~164.23~~	11.4	155.13 ~~164.13~~				
100' " " "			16.0	139.2	10.7	144.5	5.1	150.1
150							12.3	143.0
T.P.	0.31	143.73 ~~152.73~~	11.81	143.42 ~~152.42~~				
150' " "			11.4	132.3	6.6	137.1		
200			16.1	127.6	12.1	131.7	6.6	137.1
250							8.3	135.4
T P	0.26	131.32 ~~140.32~~	12.67	131.06 ~~140.06~~				
250			11.0	120.3	4.0	127.3		
No Line Dunnie			15.0	116.3	6.1	125.2	0.2	131.1
Center Line "			14.6	116.7	7.3	124.0	2.6	128.7
So Line Dunnie			14.0	117.3	10.2	121.1	5.7	125.6
50' So of Dunnie							1.80	118.3
T.P.	1.54	119.82 ~~128.82~~	13.04	118.28 ~~127.28~~				
~~150~~ 125' "			12.0	107.8				
50			6.3	113.5	8.5	111.3		
100			1.0	118.8	12.0	107.8	4.5	115.3
150			3.7	116.6	16.0	103.8	7.8	112.0
200			+2.0	121.8	13.4	106.4	11.4	108.4

Brant St.

				West		Center		East	
		237.77		224.80 ~~233.80~~					
	12.97	~~246.77~~							
25' No of Spruce			5.4	232.4		6.0	231.8	7.3	230.5
50' " " "			2.7	235.1		3.0	234.8	3.4	234.4
75'			0.5	237.3		0.0	237.8	1.0	236.8
T.P.	9.92	247.43 ~~246.43~~	0.26	237.51 ~~246.51~~					
100			8.3	239.1		8.0	239.4	9.0	238.4
150			6.7	240.7		6.3	241.1	7.3	240.1
200			5.7	241.7		5.2	242.2	5.5	241.9
250			4.2	243.2		3.8	243.6	3.9	243.5
South Line Thorn.			2.7	244.7		2.6	244.8	2.8	244.6
Center " "			2.1	245.3		1.8	245.6	1.9	245.5
B.M.	4.49	250.09 ~~245.09~~		245.61 ~~245.61~~		Hub Center of Brant + Thorn.			
No Line Thorn.			4.6	245.5		3.8	246.3	3.4	246.7
50' No of "			5.1	245.0		3.9	246.2	2.5	247.6
100 " "			6.3	243.8		5.1	245.0	3.3	246.8
150			7.0	243.1		6.0	244.1	4.3	245.8
200			7.8	242.3		6.5	243.6	4.6	~~245.5~~ 245.5
250 " " "			8.1	242.0		6.8	243.9	5.2	244.9
So Line Hpas			7.4	242.7		6.5	243.6	5.1	244.4
Center " "			7.6	242.5		7.4	Hub. 241.6	6.8	243.3
B.M.	176	244.38 ~~251.38~~		242.62 ~~242.62~~		Hub Center Hpas + Brant			
No Line Hpas.			3.9	240.5		3.3	241.1	1.3	242.1

Brant St.

			West		Cut		East	
		244.38 ~~244.38~~						
	1.12	233.12	12.38	232.00 ~~232.00~~				
	2.32	233.02	12.42	220.70 ~~220.70~~				
50' N° of Upos.			3.0	220.0	2.3	220.7	4.0	219.0
	-0.23	210.17 ~~220.17~~	12.62	210.40 ~~220.40~~				
100' " " "			15.6	194.6	12.9	197.3	4.4	205.8
	0.45	197.45 ~~207.45~~	13.17	197.00 ~~207.00~~				
168.0 So Line Walnut			25.0	172.5	7.0	190.5	+2.0	199.5
Center " "			25.0	172.5	19.0	178.5	10.7	186.8
N° Line "			10.1	187.4	1.0	196.5	+10.0	207.5

Thorn St.

			50 Line	
West Line Brant		247.43 ~~256.43~~	2.7	244.7
50' West of "			3.4	244.0
100' " " "			2.0	245.4
B.M.	4.82	250.43 ~~259.43~~	1.82	245.61 ~~254.61~~
150' " "			4.4	246.0
East Line Curlew			5.6	244.8
	3.21	248.82 ~~257.82~~		245.61 ~~254.61~~
East Line Brant			4.2	246.2
50' East of "			5.3	245.1
100' " " "			8.2	242.2
	1.49	237.36 ~~246.36~~	12.95	235.87 ~~244.87~~
150			14.0	233.4
160				
	1.74	226.60 ~~235.60~~	12.50	224.86 ~~233.86~~
West Line Albatross.				
	0.6	215.94 ~~224.94~~	11.28	215.32 ~~224.32~~
West Line Albatross			16.2	199.7

5/26/06 Hutchinson

Center		110° Line	
2.1	245.3	1.8	245.6
2.8	244.6	2.3	245.1
1.5	245.9	1.3	246.1
HW6 Center of Brant & Thorn			
4.0	246.4	3.4	247.0
5.2	245.2	4.3	246.1
3.3	247.1	2.1	248.3
3.4	247.0	1.0	249.4
6.7	243.7	4.6	245.8
3.8	233.6	0.3	237.1
6.2		2.1	
		6.8	219.8
4.5	211.4		

NB.

Lipos St.

			No Line		Center		So Line	
		250.09 ~~250.09~~						
50' East of Brant			6.2	244.0	5.4	244.7	4.8	245.3
100' " " "			5.0	245.1	4.1	246.0	2.6	247.5
150			2.7	247.3	1.9	248.2	0.9	249.2
T.P. ~~West Line Albatross~~	4.45	253.03 ~~262.03~~	1.51	248.58 ~~257.58~~				
West Line Albatross			4.6	248.4	4.0	249.0	3.9	249.1
Center " "			5.2	247.8	5.5	247.5	6.6	246.4
East Line "			6.5	246.5	8.2	244.8	13.0	240.0
	1.68	244.30 ~~252.30~~		242.62 ~~250.62~~				
West Line Brant			3.3	241.0	1.8	242.5	1.6	242.7
50' West of Brant			3.8	240.5	4.0	240.3	5.2	239.1
60' " " "			5.0	239.3	6.0	238.3	7.2	237.1
	1.05	232.77 ~~242.77~~	12.58	231.72 ~~241.72~~				
	0.90	220.40 ~~230.40~~	13.37	219.50 ~~229.50~~				
100' " " "			10.0	219.4	6.8	213.6	10.4	210.0
	0.0	208.20 ~~218.20~~	12.20	208.20 ~~218.20~~				
150' " " "			13.0	195.2	17.0	191.2	19.0	189.2
East Line Curlew			33.0	175.2	37.0	171.2	39.0	173.2

168 Walnut St.

	So. Rod	Elev	Center Rod	Elev	No. Rod	Elev
		252.03				
East Line Alleyway	4.0	248.0	5.3	246.7	4.9	247.1
Center " "	5.2	246.8	5.4	246.6	5.5	246.5
West " "	5.7	247.3	5.8	246.2	5.6	246.4
50' West of Alleyway	7.1	245.0	7.4	244.6	7.8	244.2
60' " " "	7.3	244.7	8.7	243.3	8.4	243.6
75' " " "	8.5	243.5	18.0	234.0	17.0	235.0

25.26.2
10.47
263.09 H.I.
209
261.00

26309
052
B.M. 252.53 Alley M.E. Cor. 1st & Walnut

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. Lat.	DEGREES. Dep.	¼ DEGREE. Lat.	¼ DEGREE. Dep.	½ DEGREE. Lat.	½ DEGREE. Dep.	¾ DEGREE. Lat.	¾ DEGREE. Dep.	Degrees
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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