Cross-Section of Main Street, from East line of 21st St. to 500' East of 29th. Street.

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400

LEVEL

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City Hall, San Diego, Cal.

F.B. 132

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

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

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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 for allowance on the slopes, to make one chain, horizontal measurement.

MICROFILMED
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

132

cross sections of Main St
from 21st St to 100 ft East of 29th St.
Book No 1.

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10/3/03 Cross section of main st. commencing at the East side 21st St. Anderson McAuliffe Lambert

	+	H.I.	−	
B.M.	1.37	32.94		31.57
T.P. ⊙	1.82	23.81	10.95	21.99
	7.87	26.85	4.83	18.98

East line 21st.

So. line	10.70	16.1
Curb	10.40	16.4
1/4	10.20	16.6
center	9.60	17.2
1/4	9.40	17.4
Curb	9.20	17.6
No. line	9.00	17.8

25' East 21st.

		17.1
No. line	7.70	19.1
curb	8.20	18.6
1/4	8.30	18.5
center	8.30	18.5
1/4	8.90	17.9
curb	9.60	17.2
So. line	9.40	17.4

50' East 21st

So. line	8.90	17.9
curb	9.00	17.8
1/4	8.30	18.5
Center	8.00	18.8
1/4	7.70	19.1
curb	7.40	19.4
No line	7.50	19.3

75' East 21st

No line	6.70	20.1
curb	7.00	19.8
1/4	7.60	19.2
Center	7.70	19.1

	26.85	
1/4	7.70	19.1
curb	8.50	18.3
So. line	8.30	18.5
	100' East 21st	
So line	8.00	18.8
curb	8.10	18.7
1/4	7.50	19.3
center	7.00	19.8
1/4	6.90	19.9
curb	6.70	20.1
No. line	6.40	20.4
	125' East 21st	
No line	6.30	20.5
curb	6.30	20.5
1/4	6.40	20.4
Center	6.70	20.1
1/4	6.90	19.9
curb	7.80	19.0
So line	8.00	18.8
	150 East 21st	
So. line	8.40	18.4
curb	8.30	18.5
1/4	7.20	19.6
center	6.70	20.1
1/4	6.50	20.3
curb	6.20	20.6
No. line	6.00	20.8
	175 East 21st	
No. line	5.90	20.9
curb	6.00	20.8
1/4	6.20	20.6
center	7.00	19.8
1/4	7.50	19.3
curb	8.30	18.5
So. line	8.00	18.8

	29.85	
	200 East 21st	
So line	7.90	18.9
curb	8.00	18.8
1/4	7.20	19.6
center	6.70	20.1
1/4	6.40	20.4
curb	6.20	20.6
no. line	5.90	20.9
	225 East 21st	
no line	5.60	21.2
curb	5.70	21.1
1/4	5.90	20.9
center	6.30	20.5
1/4	6.60	20.2
curb	7.40	19.4
So line	7.60	19.2
	250 East 21st	
So line	7.00	19.8
curb	6.80	20.0
1/4	6.10	20.7
center	6.00	20.8
1/4	5.80	21.0
curb	5.40	21.4
no. line.	5.20	21.6
	275 East 21st	
no line	5.10	21.7
curb	5.00	21.8
1/4	5.30	21.5
center	5.50	21.3
1/4	5.60	21.2
curb	6.20	20.6
So line	6.20	20.6
	300 East 21st	
So line	5.60	21.2
curb	5.60	21.2

	26.85	
1/4	5.10	21.7
center	5.10	21.7
1/4	5.30	21.5
curb	5.20	21.6
No line	4.20	22.6
	325 East 21st	
no line	3.60	23.2
curb	4.10	22.7
1/4	4.20	22.6
center	4.80	22.0
1/4	4.70	22.1
curb	5.30	21.5
So line	5.30	21.5
	350 East 21st	
So. line	5.00	21.8
curb	5.0	21.8
1/4	4.50	22.3
Center	3.30	23.5
1/4	3.60	23.2
Curb	3.50	23.3
No. line	3.40	23.4
	375 East 21st	
no line	3.50	23.3
curb	3.60	23.2
1/4	3.50	23.3
center	3.60	23.2
1/4	4.20	22.6
curb	4.90	21.9
So line	5.40	21.4
	400 East 21st	
So line	5.70	21.1
curb	4.30	22.5
1/4	4.60	22.2
center	3.80	23.0
1/4	3.60	23.2

	26.85	
curb	3.60	23.2
No. line	3.70	23.1
	425' East 21 st	
no line	3.70	23.1
curb	4.00	22.8
1/4	4.10	22.7
center	4.20	22.6
1/4	5.30	21.5
curb	5.10	21.7
So line	5.50	21.3
	450' East 21 st	
So line	6.10	20.7
curb	5.70	21.1
1/4	5.60	21.2
center	5.30	21.5
1/4	4.80	22.0
curb	4.30	22.5
No line	4.10	22.7
	475' East 21 st	
No line	4.20	22.6
curb	4.70	22.1
1/4	5.20	21.6
center	5.90	20.9
1/4	6.00	20.8
curb	6.10	20.7
So line	6.20	20.6
	500' East 21 st	
So line	6.80	20.0
curb	6.60	20.2
1/4	6.20	20.6
center	6.30	20.5
1/4	5.60	21.2
curb	5.30	21.5
No line	4.80	22.0
	525' East 21 st	

	26.85		
No line	5.00	21.8	
Curb	5.90	20.9	
1/4	6.10	20.7	
Center	6.70	20.1	
1/4	6.80	20.0	
Curb	7.20	19.6	
So. line	7.00	19.8	
	5-50 East 21st		
So line	8.00	18.8	
curb	7.70	19.1	
1/4	7.30	19.5	
center	7.00	19.8	
1/4	6.70	20.1	
curb	6.30	20.5	
No line	5.50	21.3	
	5-75 East 21st		
No line	5.30	21.5	

Curb	6.30		20.5
1/4	7.20		19.6
Center	7.30		19.5
1/4	7.70		19.1
Curb	7.80		19.0
So line	8.00		18.8
	600 West side 22nd		
So line	8.00		18.8
curb	7.80		19.0
1/4	7.20		19.6
Center	7.30		19.5
1/4	7.10		19.7
Curb	6.60		20.2
No line	6.40		20.4
T.P. ⊙ +4.24	25.65	-5.44	21.41
	West curb 22nd		
No line	5.00		20.6
Curb	5.50		20.1
1/4	6.00		19.6

	25.65	
center	6.10	19.5
1/4	6.10	19.5
curb	6.30	19.3
So line	6.70	18.9
	West 1/4 22nd	
So line	6.70	18.9
curb	6.30	19.3
1/4	6.00	19.6
center	5.90	19.7
1/4	5.70	19.9
curb	5.20	20.4
No line	4.90	20.7
	Center 22nd	
No line	4.90	20.7
curb	5.10	20.5
1/4	5.00	20.6
center	5.20	20.4
1/4	5.40	20.2
curb	5.60	20.0
So line	5.80	19.8
	East 1/4 22nd	
So line	7.10	18.5
curb	6.70	18.9
1/4	6.40	19.2
center	6.10	19.5
1/4	5.40	20.2
curb	5.40	20.2
No line	5.10	20.5
	East curb	
No line	4.20	21.4
curb	5.10	20.5
1/4	5.90	19.7
center	6.70	18.9
1/4	7.00	18.6
curb	7.20	18.4
So line	7.30	18.3

East side of 22nd st

25.65

So line	7.30	18.3
curb	7.10	18.5
1/4	7.10	18.5
center	6.70	18.9
1/4	5.90	19.7
curb	5.60	20.0
No line	4.80	20.8

25' East 22nd

no line	5.10	20.5
curb	5.60	20.0
1/4	6.20	19.4
center	6.70	18.9
1/4	7.00	18.6
curb	7.30	18.3
So line	7.40	18.2

50' East 22nd

So line	7.40	18.2
curb	7.20	18.4
1/4	6.80	18.8
center	6.50	19.1
1/4	5.70	19.9
curb	5.60	20.0
No line	4.60	21.0

75' East 22nd

No line	4.30	21.3
curb	5.30	20.3
1/4	5.60	20.0
center	6.00	19.6
1/4	6.30	19.3
curb	6.90	18.7
So line	7.00	18.6

100' East 22nd

So line	6.50	19.1
curb	6.40	19.2

	25.65	
1/4	5.70	19.9
center	5.10	20.5
1/4	4.90	20.7
curb	4.80	20.8
No line	3.80	21.8
	125 East 22nd st	
no line	3.60	22.0
curb	3.50	22.1
1/4	4.20	21.4
center	4.60	21.0
1/4	5.20	20.4
curb	5.50	20.1
So line	6.10	19.5
	150 East 22nd st	
So line	5.50	20.1
curb	4.70	20.9
1/4	4.40	21.2
center	4.10	21.5
1/4	3.70	21.9
curb	3.10	22.5
No line	2.50	23.1
	175 East 22nd st	
no line	2.50	23.1
curb	3.00	22.6
1/4	3.30	22.3
center	3.20	22.4
1/4	3.80	21.8
curb	4.20	21.4
So line	5.00	20.6
	200 East 22nd st	
So line	4.50	21.1
curb	3.30	22.3
1/4	2.80	22.8
center	3.00	22.6
1/4	3.10	22.5

	25,65	
curb	2,80	22.8
No line	2,50	23.1
	225' East 22nd st	
No line	2,70	22.9
curb	2,90	22.7
¼	3,00	22.6
center	3,40	22.2
¼	3,70	21.9
curb	3,80	21.8
So line	4,20	21.4
	25'0' East 22nd st	
So line	4,70	20.9
curb	4,20	21.4
¼	3,90	21.7
center	3,60	22.0
¼	3,50	22.1
curb	3,20	22.4
No line	3,00	22.3
	275' East 22nd st	
no line	3,00	22.6
curb	3,10	22.5
¼	3,70	21.9
center	4,00	21.6
¼	4,30	21.3
curb	4,60	21.0
So line	5,40	20.2
	300' East 22nd st	
So line	5,30	20.3
curb	5,30	20.3
¼	4,70	20.9
center	4,50	21.1
¼	3,90	21.7
curb	3,80	21.8
No line	3,30	22.3

	25.65'	
	325' East of 22nd st	
No line	3.80	21.8
curb	4.00	21.6
1/4	4.10	21.5
center	4.60	21.0
1/4	5.10	20.5
curb	5.10	20.5
So line	5.40	20.2
	350 East of 22nd st	
So line	5.50	20.1
curb	5.50	20.1
1/4	4.90	20.7
center	4.70	20.9
1/4	4.30	21.3
curb	4.20	21.4
No line	3.80	21.8
	375' East 22nd st	
no line	3.80	21.8
curb	3.90	21.7
1/4	4.10	21.5
center	4.80	20.8
1/4	5.00	20.6
curb	5.00	20.6
So line	5.30	20.3
	400 East 22nd st	
So line	5.30	20.3
curb	5.00	20.6
1/4	4.70	20.9
center	4.70	20.9
1/4	4.60	21.0
curb	4.20	21.4
no line	3.90	21.7
	425' East 22nd st	
no line	3.80	21.8
curb	4.20	21.4

	25.65	
1/4	4,40	21.2
center	4,50	21.1
1/4	4,70	20.9
curb	5,00	20.6
So line	5.00	20.6
	450' East 22nd st	
So line	5,00	20.6
curb	4,80	20.8
1/4	4,50	21.1
center	4,40	21.2
1/4	4,20	21.4
curb	4,00	21.6
No line	3,60	22.0
	475' East 22nd st	22.5
no line	3,10	22.5
curb	3,00	22.6
1/4	3,50	22.1

center	3,90	21.7
1/4	4,40	21.2
curb	4,40	21.2
So line	4,80	20.8
	500' East 22nd	
So line	4,40	21.2
curb	3,90	21.7
1/4	3,80	21.8
center	3,70	21.9
1/4	3,10	22.5
curb	3,00	22.6
No line	2,70	22.9
	525' East 22nd	
No line	2,30	23.3
curb	2,00	23.6
1/4	2,50	23.1
Center	3,40	22.2
1/4	3.60	22.0

	25.65	
curb	4.10	21.5
So line	4.40	21.2
	550 East 22nd st	
So line	3.90	21.7
curb	3.40	22.2
1/4	3.40	22.2
center	3.00	22.6
1/4	2.70	22.9
curb	2.20	23.4
No line	1.80	23.8
	575 East 22nd st	
No line	1.20	24.4
curb	2.00	23.6
1/4	2.10	23.5
center	2.70	22.9
1/4	3.20	22.4
curb	3.50	22.1

So line	3.80	21.8
	West side of 23rd st	
So line	3.70	21.9
curb	3.00	22.6
1/4	2.70	22.9
center	2.40	23.2
1/4	2.00	23.6
curb	1.30	24.3
No line	1.10	24.5
	West curb 23rd	
No line	0.60	25.0
curb	1.10	24.5
1/4	1.80	23.8
center	2.30	23.3
1/4	2.50	23.1
curb	2.70	22.9
So line	3.40	22.2
	West 1/4 23rd	

⊙	25,65	
So line	3,20	22.4
curb	2,70	22.9
1/4	2,30	23.3
center	1,70	23.9
1/4	1,00	24.6
curb	0.90	24.7
No line	0,50	25.1
Center 23rd st		
No line	0.40	25.2
curb	0,80	24.8
1/4	0,90	24.7
center	1,30	24.3
1/4	1,90	23.7
curb	2,60	23.0
So. line	3.00	22.6
East 1/4 23rd		
So line	2,70	22.9
curb	2,50	23.1
1/4	1,90	23.7
center	1,50	24.1
1/4	1,20	24.4
curb	0,80	24.8
No line	0,20	25.4
East curb 23rd		
no. line	0.00	25.6
curb	0,50	25.1
1/4	1,00	24.6
center	1,30	24.3
1/4	2,00	23.6
curb	2,30	23.3
So. line	2,60	23.0
T.P. ⊙ +6.00	× 29,26 -2,39	23.26
East side 23rd		
So line	6,20	23.1
curb	5,80	23.5

10/14/03.

Anderson
McAuliffe
Taylor

	29.26	
1/4	5,40	23.9
center	4,80	24.5
1/4	4,60	24.7
curb	3,80	25.5
No line	3,50	25.8
25' East 23rd st		
No line	3,00	26.3
curb	3,30	26.0
1/4	4,00	25.3
center	4,60	24.7
1/4	5,00	24.3
curb	5,40	23.9
So line	5,80	23.5
50' East 23rd st		
So line	5,60	23.7
Curb	5,30	24.0
1/4	5,00	24.3
center	4,60	24.7
1/4	3,80	25.5
curb	3,40	25.9
No line	2,90	26.4
75' East 23rd St.		
No line	2,80	26.5
curb	3,70	25.6
1/4	3,80	25.5
center	4,30	25.0
1/4	4,60	24.7
curb	4,70	24.6
So line	5,80	23.5
100 East 23rd St.		
So line	5,60	23.7
curb	5,00	24.3
1/4	4,50	24.8
Center	3,60	25.7
1/4	3,30	26.0

	29.26	
curb	3.00	26.3
No line	2.60	26.7
125' East 23rd St.		
No line	2.50	26.8
curb	2.90	26.4
1/4	3.40	25.9
center	3.80	25.5
1/4	4.10	25.2
curb	4.70	24.6
So line	5.30	23.8
150' East 23rd St		
So line	5.50	23.8
curb	5.10	24.2
1/4	4.20	25.1
center	3.80	25.5
1/4	3.60	25.7
curb	3.50	25.8

No line	3.00	26.3
175' East 23rd St.		
No line	4.00	25.3
curb	4.30	25.0
1/4	4.60	24.7
center	4.90	24.4
1/4	5.30	24.0
curb	5.60	23.7
So line	6.10	23.2
200 East 23rd St		
So line	6.20	23.1
curb	5.60	23.7
1/4	5.33	24.0
center	5.00	24.3
1/4	4.60	24.7
curb	4.30	25.0
No line	3.5	25.8
225 East 23rd St		

	29.26	
no line	3.30	26.0
curb	3.90	25.4
1/4	4.50	24.8
center	4.70	24.6
1/4	5.10	24.2
curb	5.20	24.1
So line	5.90	23.4
	250' East 23rd St	
So line	5.80	23.5
curb	5.30	24.0
1/4	5.10	24.2
center	4.70	24.6
1/4	4.60	24.7
curb	4.20	25.1
No line	3.80	25.5
	275' East 23rd St	
no line	3.80	25.5
curb	4.00	25.3
1/4	4.40	24.9
center	4.90	24.4
1/4	5.10	24.2
curb	5.50	23.8
So line	5.90	23.4
	300' East 23rd St	
So line	5.60	23.7
curb	5.30	24.0
1/4	5.10	24.2
center	5.00	24.3
1/4	4.30	25.0
curb	4.10	25.2
No line	4.30	25.0
	325' East 23rd St	
no line	5.00	24.3
curb	5.10	24.2
1/4	5.30	24.0

	29.26	
center	5.40	23.9
1/4	5.60	23.7
curb	5.90	23.4
So line	5.90	23.4
	350' East 23rd St.	
So line	7.00	22.3
curb	6.40	22.9
1/4	6.10	23.2
center	5.80	23.5
1/4	5.70	23.6
curb	5.40	23.9
no line	5.30	24.0
	375' East 23rd St	
no line	5.60	23.7
curb	5.70	23.6
1/4	6.10	23.2
center	6.40	22.9
1/4	6.70	22.6
curb	7.00	22.3
So line	7.10	22.2
	400' East 23rd St	
So line	7.10	22.2
curb	6.90	22.4
1/4	6.30	23.0
center	6.30	23.0
1/4	6.20	23.1
curb	5.60	23.7
no line	5.40	23.9
	425' East 23rd St	
no line	5.30	24.0
curb	5.60	23.7
1/4	5.70	23.6
center	6.10	23.2
1/4	6.30	23.0
curb	6.90	22.4

	29.26	
So line	7.10	22.2
	450' East 23rd St	
So line	7.00	22.3
curb	6.80	22.5
1/4	6.40	22.9
center	6.00	23.3
1/4	5.60	23.7
curb	5.40	23.9
no line	5.10	24.2
	475' East 23rd St	
no line	5.10	24.2
curb	5.30	24.0
1/4	5.60	24.7
center	5.90	23.4
1/4	6.30	23.0
curb	6.40	22.7
So line	6.80	22.5

	500' East 23rd St	
So line	7.00	22.3
curb	6.40	22.9
1/4	6.10	23.2
center	5.70	23.6
1/4	5.50	23.8
curb	5.10	24.2
no line	4.60	24.7
	525' East 23rd St	
no line	4.80	24.5
curb	5.00	24.3
1/4	5.40	23.9
center	5.60	23.7
1/4	6.00	23.3
curb	6.40	22.9
So line	6.60	22.7
	550' East 23rd St	
So line	6.40	22.9

	29.20	
curb	6.10	23.2
1/4	5.90	23.4
center	5.30	24.0
1/4	5.20	24.1
curb	5.00	24.3
No line	4.70	24.6
	5.75' East 23rd St	
no line	4.50	24.8
curb	4.80	24.5
1/4	4.70	24.6
center	4.90	24.4
1/4	5.70	23.6
curb	5.90	23.4
So line	6.20	23.1
	West side of 24th St	
So line	5.80	23.5
curb	5.60	23.7
1/4	5.30	24.0
center	4.90	24.4
1/4	4.60	24.7
curb	4.70	24.6
No line	4.40	24.9
	curb West side 24th st	
no line	4.40	24.9
curb	4.60	24.7
1/4	5.00	24.3
center	5.20	24.1
1/4	5.50	23.8
curb	5.80	23.5
So line	5.80	23.5
	1/4 West side 24th St	
So line	6.00	23.3
curb	5.70	23.6
1/4	5.30	24.0
center	5.10	24.2

	29.26		
1/4	4.80		24.5
curb	4.50		24.8
No. line	4.30		25.0
	Center 24th St		
No line	4.30		25.0
curb	4.70		24.6
1/4	5.00		24.3
center	5.40		23.9
1/4	5.50		23.8
curb	5.80		23.5
So line	6.20		23.1
	1/4 East side 24th St		
So line	5.90		23.4
curb	5.60		23.7
1/4	5.30		24.0
center	5.30		24.0
1/4	4.60		24.7
curb	4.30		25.0
No line	4.20		25.1
	curb East side 24th St		
no line	4.10		25.2
curb	4.30		25.0
1/4	4.60		24.7
center	5.00		24.3
1/4	5.20		24.1
curb	5.40		23.9
So line	5.70		23.6
T.P. 0	5.91	29.18 -5.99	23.27
	East side 24th St		
So line	5.40		23.6
curb	5.20		24.0
1/4	5.00		24.2
center	4.90		24.3
1/4	4.50		24.7
curb	4.20		25.0

	29,18	
No line	4,00	25.2
	25' East 24th St	
No line	3.90	25.3
curb	4.20	25.0
1/4	4,30	24.9
center	4.70	24.5
1/4	4,80	24.4
curb	5.20	24.0
So line	5,40	23.8
	50' East 24th St,	
So line	5,30	23.9
curb	5.00	24.2
1/4	4,80	24.4
center	4,50	24.7
1/4	4,30	24.9
curb	3,90	25.3
No line	3.90	25.3

	75' East 24th St	
No line	4,20	25.0
curb	4,10	25.1
1/4	4,20	25.0
center	4,30	24.9
1/4	4.80	24.4
curb	4.70	24.5
So line	5.00	24.2
	100' East 24th St	
So line	5,50	23.7
curb	5,20	24.0
1/4	5.00	24.2
center	4.80	24.4
1/4	4,70	24.5
curb	4,70	24.5
No line	4.50	24.7
	125' East 24th St	
no line	4,60	24.6

	29.18	
curb	4.90	24.3
1/4	5.30	23.9
center	5.30	23.9
1/4	5.40	23.8
curb	5.40	23.8
So line	5.50	23.7
	150' East 24th St.	
So line	6.00	23.2
curb	5.80	23.4
1/4	5.60	23.6
center	5.20	24.0
1/4	5.10	24.1
curb	4.80	24.4
No line	4.50	24.7
	175' East 24th St	
no line	4.60	24.6
curb	4.80	24.4
1/4	5.00	24.2
center	4.90	24.3
1/4	5.20	24.0
curb	5.40	23.8
So line	5.90	23.3
	200' East 24th St	
So line	5.70	23.5
curb	5.40	23.8
1/4	5.30	23.9
center	5.30	23.9
1/4	5.20	24.0
curb	4.90	24.3
No line	4.70	24.5
	225' East 24th St	
no line	4.80	24.4
curb	5.00	24.2
1/4	5.10	24.1
center	5.30	23.9

	29.18	
1/4	5,40	23.8
curb	5.60	23.6
So line	6,00	23.2
	250' East 24th St.	
So line	5,80	23.4
curb	5,70	23.5
1/4	5.40	23.8
center	5,30	23.9
1/4	5,20	24.0
curb	5,10	24.1
no line	4,90	24.3
	275' East 24th St	
no line	4.80	24.4
curb	5,00	24.2
1/4	5,10	24.1
center	5,20	24.0
1/4	5,40	23.8
curb	5,40	23.8
So line	5,50	23.7
	300' East 24th St.	
So line	5,30	23.9
curb	5,30	23.9
1/4	5,30	23.9
center	4,90	24.3
1/4	5,10	24.1
curb	4,90	24.3
no line	4,40	24.8
	325' East 24th St.	
no line	4,20	25.0
curb	4,70	24.5
1/4	4,90	24.3
center	5,20	24.0
1/4	5,30	23.9
curb	5,50	23.7
So line	5,50	23.7

	29.18	
	350 East 24th St.	
So line	5,70	23.5
curb	5,50	23.7
1/4	5,20	24.0
Center	5,00	24.2
1/4	4,90	24.3
curb	4,60	24.6
No line	4,20	25,0
	375 East 24th St	
no line	3,90	25.3
curb	4,60	24.6
1/4	4,70	24.5
Center	5,00	24.2
1/4	5,10	24.1
curb	5,30	23.9
So line	5,50	23.7
	400 East 24th St.	
So line	5,50	23.7
curb	5,20	24.0
1/4	4,60	24.6
Center	4.40	24.8
1/4	4,30	24.9
Curb	4,20	25.0
No line	3,80	25.4
	425 East 24th St.	
no line	3,60	25.6
curb	3,90	25.3
1/4	4,30	24.9
center	4,80	24.4
1/4	4,90	24.3
curb	5.00	24.2
So line	5.30	23.9
	450 East 24th St	
So line	5.20	24.0
curb	4.70	24.5

	29.18	
¼	4.60	24.6
center	4.40	24.8
¼	4.10	25.1
curb	3.90	25.3
No line	3.30	25.9
	475 East 24th St.	
no line	3.20	26.0
curb	3.60	25.6
¼	3.90	25.3
center	4.10	25.1
¼	4.50	24.7
curb	4.60	24.6
So line	5.00	24.2
	500 East 24th St.	
So line	4.80	24.4
curb	4.50	24.7
¼	4.20	25.0
center	3.90	25.3
¼	3.70	25.5
curb	3.50	25.7
no line	3.20	26.0
	525 East 24th St	
no line	2.70	26.5
Curb	3.20	26.0
¼	3.30	25.9
center	3.60	25.6
¼	3.80	25.4
curb	4.00	25.2
So line	4.50	24.7
	550 East 24th St	
So line	4.10	25.1
curb	3.70	25.5
¼	3.70	25.5
center	3.40	25.8
¼	2.96	26.3

	29.18	
curb	2.50	26.7
no line	2.30	26.9
	5.75' East 24th St.	
no line	1.80	27.4
curb	2.30	26.9
1/4	2.80	26.4
center	3.10	26.1
1/4	3.40	25.8
curb	3.50	25.7
So line	3.90	25.3
	West side 25th St	
So line	3.60	25.6
curb	3.30	25.9
1/4	3.00	26.2
center	2.70	26.5
1/4	2.50	26.7
curb	2.10	27.1

no line	1.50	27.7
	Curb West side 25th St.	
no line	1.20	28.0
curb	1.90	27.3
1/4	2.40	26.8
center	2.40	26.8
1/4	2.80	26.4
curb	3.30	25.9
So line	3.40	25.8
	1/4 West side 25th St	
So line	3.40	25.8
curb	3.00	26.2
1/4	2.70	26.5
center	2.20	27.0
1/4	2.00	27.2
curb	1.70	27.5
no line	0.90	28.3

	29.18	
	Center 25th St.	
No line	0.80	28.4
curb	1.60	27.6
1/4	2.00	27.2
center	2.30	26.9
1/4	2.70	26.5
curb	2.90	26.3
So line	3.20	26.0
	1/4 East side 25th St.	
So line	3.00	26.2
curb	2.70	26.5
1/4	2.30	26.9
center	2.10	27.1
1/4	1.80	27.4
curb	1.40	27.8
No line	0.80	28.4
	curb East side 25th St.	
No line	0.70	28.5
curb	1.20	28.0
1/4	1.60	27.6
center	2.00	27.2
1/4	2.20	27.0
curb	2.50	26.7
So line	2.80	26.4
	East side 25th St	
So line	2.70	26.5
curb	2.30	26.9
1/4	2.00	27.2
center	1.70	27.5
1/4	1.30	27.9
curb	1.00	28.2
No line	0.50	28.7
T.P. ⊙	6.19 ⊙33.57	-1.80 27.38
	25° East 25th St	
No line	4.50	29.1

	33.57	
curb	5.00	28.6
1/4	5.40	28.2
Center	5.70	27.9
1/4	6.20	27.4
curb	6.30	27.3
So line	6.70	26.9
	35' East 25th St.	
So line	6.30	27.3
curb	6.30	27.3
1/4	6.20	27.4
center	6.10	27.5
1/4	6.00	27.6
curb	6.00	27.6
No line	5.80	27.8
	50 East 25th St	
No line	5.90	27.7
curb	6.00	27.6

1/4	6.00	27.6
center	6.10	27.5
1/4	6.20	27.4
curb	6.30	27.3
So line	6.30	27.3
	55' East 25th St.	
So line	6.30	27.3
curb	6.00	27.6
1/4	5.70	27.9
center	5.40	28.2
1/4	5.00	28.6
curb	4.70	28.9
No line	4.30	29.3
	75' East 25th St.	
No line	4.00	29.6
curb	4.40	29.2
1/4	4.70	28.9
center	5.00	28.6

	33,57	
1/4	5.40	28.2
curb	5.60	28.0
So line	6.10	27.5
	100 East 25th St	
So line	6.00	27.6
curb	5.60	28.0
1/4	5.20	28.4
center	4.80	28.8
1/4	4.50	29.1
curb	4.10	29.5
No line	3.60	30.0
	125 East 25th St.	
no line	3.60	30.0
curb	3.90	29.7
1/4	4.33	29.3
center	4.70	28.9
1/4	5.05	28.4
curb	5.40	28.2
So line	5.70	27.9
	150 East 25th St.	
So line	5.50	28.1
curb	5.00	28.6
1/4	4.70	28.9
center	4.40	29.2
1/4	4.10	29.5
curb	3.80	29.8
No line	3.30	30.3
	175 East 25th st	
No line	3.30	30.3
curb	3.70	29.9
1/4	4.00	29.6
center	4.30	29.3
1/4	4.60	29.0
curb	4.90	28.7
So line	5.20	28.4

	33.57	
1/4	4.80	28.8
center	4.50	29.1
1/4	4.30	29.3
curb	3.90	29.7
No line	3.60	30.0
	325' East 25th St	
no line	4.10	29.5
curb	4.30	29.3
1/4	4.50	29.1
center	4.80	28.8
1/4	4.90	28.7
curb	5.10	28.5
So line	5.30	28.3
	350' East 25th St	
So line	5.60	28.0
Curb	5.20	28.4
1/4	5.10	28.5
center	4.70	28.9
1/4	4.50	29.1
curb	4.50	29.1
No line	4.30	29.3
	375' East 25th St	
No line	4.40	29.2
curb	4.60	29.0
1/4	4.80	28.8
center	5.00	28.6
1/4	5.10	28.5
curb	5.30	28.3
So line	5.80	27.8
	400' East 25th St	
So line	5.50	28.1
curb	5.20	28.4
1/4	5.00	28.6
center	4.70	28.9
1/4	4.50	29.1

	33.57	
curb	4.30	29.3
No line	4.10	29.5
	425 East 25th St.	
No line	3.80	29.8
curb	4.00	29.6
1/4	4.00	29.6
center	4.30	29.3
1/4	4.80	29.8
curb	5.10	28.5
So line	5.50	28.1
	450 East 25th St	
So line	5.40	28.2
curb	5.00	28.6
1/4	4.50	29.1
center	4.30	29.3
1/4	4.00	29.6
curb	3.80	29.8
No line	3.30	30.3
	475 East 25th St.	
No line	3.20	30.4
curb	3.50	30.1
1/4	3.90	29.7
center	4.00	29.6
1/4	4.50	29.1
curb	5.10	28.5
So line	5.90	27.7
	480 East 25th St	
So line	6.40	27.2
curb	6.30	27.3
1/4	6.30	27.3
center	6.30	27.3
1/4	6.30	27.3
curb	6.30	27.3
No line	6.30	27.3
	500 East 25th St	

	∅ 33.57	
curb	4.30	29.3
No line	4.10	29.5
	425 East 25th St.	
No line	3.80	29.8
curb	4.00	29.6
1/4	4.00	29.6
center	4.30	29.3
1/4	4.80	28.8
curb	5.10	28.5
So line	5.50	28.1
	450 East 25th St	
So line	5.40	28.2
curb	5.00	28.6
1/4	4.50	29.1
center	4.30	29.3
1/4	4.00	29.6
curb	3.80	29.8
No line	3.30	30.3
	475 East 25th St.	
No line	3.20	30.4
curb	3.50	30.1
1/4	3.90	29.7
center	4.00	29.6
1/4	4.50	29.1
curb	5.10	28.5
So line	5.90	27.7
	480 East 25th St	
So line	6.40	27.2
curb	6.30	27.3
1/4	6.30	27.3
center	6.30	27.3
1/4	6.30	27.3
curb	6.30	27.3
No line	6.30	27.3
	500 East 25th St	

	33.51	
No line	6.30	27.3
curb	6.30	27.3
1/4	6.30	27.3
center	6.30	27.3
1/4	6.30	27.3
curb	6.30	27.3
So line	6.30	27.3
	503' East 25th St.	
So line	6.30	27.3
curb	6.30	27.3
1/4	6.30	27.3
center	6.30	27.3
1/4	6.30	27.3
curb	6.30	27.3
No line	6.30	273
	508' East 25th St	
No line	3.00	30.6
curb	3.20	30.4
1/4	3.50	30.1
center	3.70	29.9
1/4	4.00	29.6
curb	4.40	29.1
So line	4.70	28.9
	525' East 25th St	
So line	4.70	28.9
curb	4.30	29.3
1/4	4.00	29.6
center	3.70	29.9
1/4	3.30	30.3
curb	3.10	30.5
No line	2.80	30.8
	550 East 25th St	
No line	2.70	30.9
curb	3.00	30.6
1/4	3.20	30.4

	33.57	
center	3.60	30.0
1/4	4.00	29.6
curb	4.30	29.3
So line	4.60	29.0
	5-75' East 25th St	
So line	4.60	29.0
curb	4.20	29.4
1/4	3.90	29.7
center	3.60	30.0
1/4	3.20	30.4
curb	2.90	30.7
No line	2.50	31.1
	West side 26th St	
No line	2.90	30.7
curb	3.20	30.4
1/4	3.30	30.3
center	3.60	30.0
1/4	3.90	29.7
curb	4.00	29.6
So line	4.40	29.2
T.P. ⊙ +5.14	33.74	-4.97 28.60
	curb West side 26th St	
So line	4.90	28.5
curb	4.70	29.0
1/4	4.40	29.3
center	4.00	29.7
1/4	3.70	30.0
curb	3.60	30.1
No line	3.30	30.4
	1/4 West side 26th St	
No line	3.10	30.6
curb	3.50	30.2
1/4	3.80	29.9
center	4.10	29.6
1/4	4.50	29.2

		33.74	
curb		4.80	28.9
So line		5.00	28.7
	Center 26th St.		
So line		4.70	29.0
curb		4.80	28.9
1/4		4.60	29.1
center		4.20	29.5
1/4		4.00	29.7
curb		3.70	30.0
No line		3.20	30.5
	1/4 East side		
No line		3.20	30.5
curb		3.80	29.9
1/4		4.10	29.6
center		4.50	29.2
1/4		4.80	28.9
curb		5.00	28.7
So line		5.40	28.3
	curb East side 26th St.		
So line		5.50	28.2
curb		5.20	28.5
1/4		4.90	28.8
center		4.50	29.2
1/4		4.20	29.5
curb		3.90	29.8
No line		3.40	30.3
	+5.64	34.24	28.60
	East side 26 ct St.		
No line		4.30	29.9
curb		4.60	29.6
1/4		5.10	29.1
center		5.10	29.1
1/4		5.60	28.6
curb		5.80	28.4
So line		6.10	28.1

25' East 26th St.

	34.24	
So line	6.60	27.6
curb	6.20	28.0
1/4	5.90	28.3
center	5.40	28.8
1/4	4.80	29.4
curb	4.80	29.4
No line	4.80	29.4

50' East 26th St

No line	5.20	29.0
curb	5.00	29.2
1/4	5.60	28.6
center	5.90	28.3
1/4	6.10	28.1
curb	6.60	27.6
So line	7.00	27.2

75' East 26th St.

So line	7.30	26.9
curb	6.90	27.3
1/4	6.70	27.5
center	6.30	27.9
1/4	6.10	28.1
curb	5.80	28.4
No line	5.50	28.7

100' East 26th St.

No line	5.70	28.5
curb	5.90	28.3
1/4	6.10	28.1
center	6.50	27.7
1/4	6.80	27.4
curb	7.00	27.2
So line	7.40	26.8

125 East 26th St

So line	7.40	26.8
curb	7.00	27.2

	37.24	
1/4	6.90	27.3
center	6.30	27.7
1/4	6.00	28.2
curb	5.70	28.5
No line	5.60	28.6
	150' East 26th St	
no line	5.50	28.7
curb	5.60	28.6
1/4	6.00	28.2
center	6.30	27.9
1/4	6.50	27.7
curb	6.90	27.3
So line	7.20	27.0
	175' East 26th St	
So line	7.00	27.2
curb	6.90	27.3
1/4	6.40	27.8
center	5.90	28.3
1/4	5.70	28.5
curb	5.50	28.7
No line	5.40	28.8
	200' East 26th St	
No line	5.10	29.1
curb	5.30	28.9
1/4	5.60	28.6
center	6.30	27.9
1/4	6.50	27.7
curb	6.90	27.3
So line	7.00	27.2
	225' East 26th St	
So line	6.10	28.1
curb	6.00	28.2
1/4	6.00	28.2
Center	5.80	28.4
1/4	5.30	28.9

	34.24	
curb	4.80	29.4
no line	4.50	29.7
	250' East 26th St	
no line	4.00	30.2
curb	4.50	29.7
1/4	4.90	29.3
center	5.30	28.9
1/4	5.70	28.5
curb	5.88	28.4
So line	6.00	28.2
	275' East 26th St	
So line	5.70	28.5
curb	5.60	28.6
1/4	5.40	28.8
center	4.80	29.4
1/4	4.50	29.7
curb	4.40	29.8
no line	4.00	30.2
	300' East 26th St	
no line	3.70	30.5
curb	4.20	30.0
1/4	4.40	29.8
center	4.80	29.4
1/4	5.20	29.0
curb	5.50	28.7
So line	5.80	28.4
	325' East 26th St	
So line	5.80	28.4
curb	5.20	29.0
1/4	4.90	29.3
center	4.60	29.6
1/4	4.20	30.0
curb	3.80	30.4
no line	3.50	30.7
	350' East 26th St	

	350' East 26th St.	
	Ø34.24	
No line	3.60	30.6
curb	3.90	30.3
1/4	4.10	30.1
center	4.40	29.8
1/4	4.90	29.3
curb	5.20	29.0
So line	5.80	28.4
	375' East 26th St.	
So line	5.60	28.6
curb	5.20	29.0
1/4	4.80	29.4
center	4.70	29.5
1/4	4.30	29.9
curb	4.10	30.1
No line	3.90	30.3
	400' East 26th St.	
No line	4.50	29.7
curb	4.60	29.6
1/4	4.80	29.4
center	4.90	29.3
1/4	5.20	29.0
curb	5.50	28.7
So line	5.90	28.3
	425' East 26th St.	
So line	5.90	28.3
curb	5.50	28.7
1/4	5.10	29.1
center	5.20	29.0
1/4	5.30	28.9
curb	5.50	28.7
No line	6.10	28.1
	450' East 26th St.	
no line	7.10	27.1
curb	6.80	27.4
1/4	6.40	27.8

	34.24	
center	5.70	28.5
1/4	5.40	28.8
curb	5.50	28.7
So line	5.70	28.5
	475' East 26th St.	
So line	6.50	27.7
curb	6.70	27.5
1/4	6.60	27.6
center	7.00	27.2
1/4	7.80	26.4
curb	8.10	26.1
No line	8.10	26.1
	500' East 26th St.	
No line	8.50	25.7
curb	8.30	25.7
1/4	8.40	25.8
center	8.40	25.8
1/4	8.40	25.8
curb	8.20	26.0
So line	8.20	26.0
	525' East 26th St	
So line	9.30	24.9
curb	9.20	25.0
1/4	8.90	25.3
center	8.70	25.5
1/4	8.70	25.5
curb	8.60	25.6
No line	8.50	25.7
	550' East 26th St	
No line	7.60	26.6
curb	7.50	26.7
1/4	7.30	26.9
center	7.60	26.6
1/4	8.40	25.8
curb	8.90	25.3

	34.24	
So line	9.40	24.8
	575' East 26th St.	
So line	8.70	25.5
curb	8.30	25.9
1/4	7.60	26.6
center	7.00	27.2
1/4	6.80	27.4
curb	6.60	27.6
No line	6.50	27.7
	West side 27th St	
No line	6.40	27.8
curb	6.60	27.6
1/4	7.10	27.1
center	7.30	26.9
1/4	7.70	26.5
curb	8.20	26.0
So line	8.60	25.6

	curb West side 27th St	
So line	8.80	25.4
curb	8.10	26.1
1/4	7.70	26.5
center	7.30	26.9
1/4	6.90	27.3
curb	6.90	27.3
No line	6.50	27.7
	1/4 West side 27th St	
No line	6.70	27.5
curb	7.00	27.2
1/4	7.20	27.0
center	7.10	27.1
1/4	7.90	26.3
curb	8.30	25.9
So line	9.00	25.2
	Center of 27th St	
So line	9.10	25.1

	34.24		
curb	8.70		25.5
1/4	8.20		26.0
center	7.70		26.5
1/4	7.20		27.0
curb	7.10		27.1
No line	6.90		27.3
	1/4 East side 27th St		
no line	7.00		27.2
curb	7.20		27.0
1/4	7.450		26.7
center	7.90		26.3
1/4	8.450		25.7
curb	8.80		25.4
So line	9.00		25.2
	East side 27th St		
So line	8.90		25.3
curb	8.60		25.6
1/4	8.40		25.8
center	8.00		26.2
1/4	7.60		26.6
curb	7.20		27.0
No line	7.00		27.2
T.P. ⊙ + 4.69	32.30	-4.68	27.61
	25' East 27th St		
No line	5.00		27.3
curb	5.20		27.1
1/4	5.70		26.6
center	6.00		26.3
1/4	6.20		26.1
curb	6.450		25.8
So line	6.60		25.7
	50' East 27th St		
So line	6.20		26.1
curb	6.00		26.3
1/4	5.90		26.4

	32.30	
center	5.80	26.5
1/4	5.80	26.5
curb	5.40	26.9
No line	4.90	27.4
75' East 27th St.		
no line	4.90	27.4
curb	5.30	27.0
1/4	5.60	26.7
center	5.90	26.4
1/4	6.10	26.2
curb	6.20	26.1
So line	6.40	25.9
100' East 27th St.		
So line	5.20	27.1
curb	5.40	26.9
1/4	5.50	26.8
Center	5.30	27.0

1/4	4.20	28.1
curb	4.30	28.0
No line	4.30	28.0
125' East 27th St		
No line	4.60	27.7
curb	4.90	27.4
1/4	5.10	27.2
center	5.40	26.9
1/4	5.60	26.7
curb	5.70	26.6
So line	5.90	26.5
150' East 27th St		
So line	6.40	25.9
curb	6.10	26.2
1/4	5.60	26.7
center	5.20	27.1
1/4	4.80	27.5
curb	4.50	27.8

	32,30	
no line	4.10	28.2
	175' East 27th St.	
No line	3.90	28.4
curb	4.20	28.1
½	4.20	28.1
center	4.80	27.5
½	5.60	26.7
curb	6.30	26.0
So line	6.50	25.8
	200' East 27th St.	
So line	6.00	26.3
curb	5.60	26.7
½	5.20	27.1
center	5.00	27.3
½	4.90	27.4
curb	4.70	27.6
No line	4.30	28.0

	225' East 27th St.	
No line	3.90	28.4
curb	4.40	27.9
½	4.60	27.7
center	4.50	27.8
½	4.40	27.9
curb	5.10	27.2
So line	5.60	26.7
	250' East 27th St	
So line	5.50	26.8
curb	5.50	26.8
½	5.30	27.0
center	5.10	27.2
½	460	27.7
curb	4.20	28.1
No line	3.50	28.8
	275' East 27th St.	
no line	3.90	28.4

	32.30	
curb	4.00	28.3
¼	4.20	28.1
center	4.90	27.4
¼	5.10	27.2
curb	5.30	27.0
So line	5.50	26.8
300' East 27th St		
So line	5.50	26.8
curb	5.20	27.1
¼	5.00	27.3
center	4.90	27.4
¼	4.60	27.7
curb	4.60	27.7
No line	4.30	28.0
325' East 27th St.		
No line	4.10	28.2
curb	3.90	28.4
¼	3.60	28.7
center	3.50	28.8
¼	3.80	28.5
curb	4.80	27.5
So line	5.30	27.0
350' East 27th St		
So line	5.10	27.2
curb	4.90	27.4
¼	4.60	27.7
center	4.20	28.1
¼	4.30	28.0
curb	3.80	28.5
No line.	3.60	28.7
375' East 27th St.		
no line	3.80	28.5
curb	4.20	28.1
¼	4.50	27.8
Center	4.70	27.6

	32,30	
1/4	4.90	27.4
curb	5,10	27.2
So line	5,40	26.9
	400' East 27th St.	
So line	5.20	27.1
curb	4,70	27.6
1/4	4,30	28.0
Center	4,00	28.3
1/4	4,20	28.1
curb	4,20	28.1
No line	3.90	28.4
	425' East 27th St.	
No line	4,30	28.0
curb	4,40	27.9
1/4	4,40	27.9
Center	4,40	27.9
1/4	4,20	28.1
curb	5,10	27.2
So line	5,90	26.4
	450' East 27th St.	
So line	6,60	25.7
curb	6,20	26.1
1/4	5,90	26.4
Center	5,20	27.1
1/4	4,50	27.8
curb	4,80	27.5
No line	4,70	27.6
	475' East 27th St.	
No line	4,90	27.4
curb	5,20	27.1
1/4	5,60	26.7
Center	5,90	26.4
1/4	6,10	26.2
curb	6,40	25.9
So line	6,40	25.9

	5 00' East 27th St	
	32.30	
So line	6.50	25.8
curb	6.20	26.1
1/4	6.10	26.2
center	5.70	26.6
1/4	5.50	26.8
curb	5.10	27.2
No line	4.70	27.6
	5 25' East 27th St	
No line	4.40	27.9
curb	4.70	27.6
1/4	4.80	27.5
center	4.80	27.5
1/4	5.0	27.2
curb	5.70	26.6
So line	5.90	26.4
	5 50' East 27th St	
So line	5.20	27.1
curb	5.20	27.1
1/4	4.90	27.4
center	4.70	27.6
1/4	4.30	28.0
curb	4.00	28.3
No line	3.70	28.6
	5 75' East 27th St	
No line	3.60	28.7
curb	3.80	28.5
1/4	4.20	28.1
center	4.40	27.9
1/4	4.70	27.6
curb	5.00	27.3
So line	5.40	26.9
	West side 28th St	
So line	5.40	26.9
curb	5.00	27.3

10/16/03

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	℄ 32.30	
1/4	4.60	27.7
center	4.40	27.9
1/4	4.20	28.1
curb	3.90	28.4
No line	3.80	28.5
T.P. ⊕ +2.98	℄ 31.84 −3.34	28.96
curb West side 28th St		
No line	3.20	28.7
curb	3.70	28.2
1/4	3.80	28.1
center	4.10	27.8
1/4	4.20	27.7
curb	4.50	27.4
So line	4.80	27.1
1/4 West side 28th St		
So line	4.80	27.1
curb	4.30	27.6

1/4	4.20	27.7
center	4.10	27.8
1/4	4.10	27.8
curb	3.90	28.0
No line	2.70	29.2
Center 28th St.		
No line	2.60	29.3
curb	3.80	28.1
1/4	4.00	27.9
center	4.30	27.6
1/4	4.40	27.5
curb	4.50	27.4
So line	4.70	27.2
1/4 Each side 28th St		
So line	4.90	27.0
curb	4.70	27.2
1/4	4.60	27.3
center	4.20	27.7

	31.94	
1/4	3.90	28.0
curb	3.60	28.3
No line	3.00	28.9
	curb East side 28th St	
No line	3.50	28.4
curb	3.60	28.3
1/4	3.90	28.0
center	4.30	27.6
1/4	4.60	27.3
curb	5.00	26.9
So line	5.00	26.9
	East side 28th St	
So line	5.30	26.6
curb	4.90	27.0
1/4	4.70	27.2
center	4.30	27.6
1/4	3.80	28.1
curb	3.50	28.4
No line	3.70	28.2
	10 ft East 28th St = West side 26th St	
—	on North line (of main) to a pt 10 ft East 28th St	
No line	4.40	27.5
curb	4.30	27.6
1/4	4.00	27.9
center	4.50	27.4
1/4	4.70	27.2
curb	5.00	26.9
So line	5.50	26.4
—	50 ft East 28th St to West side 26th St Dist 89.5'	
So line	7.00	24.9
curb	6.30	25.6
1/4	5.70	26.2
center	5.20	26.7
1/4	4.70	27.2
curb	4.70	27.2

	31.94	
No line	4.40	27.5
West side 26th St.		
No line	4.40	27.5
curb	4.60	27.3
W.	5.70	26.2
Center	6.40	25.5
1/4	6.80	25.1
curb	7.30	24.6
So line	7.50	24.4
curb West side 26th St.		
So line 57 ft. So of center	7.40	24.3
curb 32 So of center	7.50	24.4
1/4. 16. So of center	7.20	24.7
center.	7.10	24.8
1/4. 16. No of Center	6.70	25.2
curb 43. No of center	5.50	26.4
No line 59.5 No of center	4.60	27.3

1/4 West side 26th St.		
No line 46 ft N center	5.70	26.2
curb. 48. No of center	6.40	25.5
1/4. 24 No of center	6.90	25.0
center	7.10	24.8
1/4. 18. So of center	6.90	25.0
curb 36. So center	6.80	25.1
So line 67. So center	7.30	24.6
center 26th St		
So line 73. So of center	6.90	25.0
curb 43 So of center	6.40	25.5
1/4. 21.5 So center	6.10	25.8
center.	6.00	25.9
1/4. 27.5 No of center	6.50	25.4
curb 85. No of center	6.50	25.4
No line 73. No of center	6.10	25.8
1/4 East side 26th St		
No line 81. No of center	6.00	25.9

	⌀ 31.94	
curb 62. No of center	5.60	26.3
1/4. 31 No of center	4.70	27.2
center	5.60	26.3
1/4. 22.5' So of center	5.80	26.1
curb 45. S. of center	5.70	26.2
So line 78. S. of center	6.40	25.5

curb East side 26th.

So line 86.5' So of center	6.20	25.7
curb 57. S. of center	5.60	26.3
1/4. 28.5	5.40	26.5
center	5.30	26.6
1/4. 34. No of center	4.00	27.9
curb 68. No of center	4.40	27.5
No line 86.5' N. center	4.70	27.2

East side 26th St.

no line 93. No of center	3.70	28.2
curb. 75. No of center	4.00	27.9
1/4 37.5 No of center	4.10	27.8
center	4.90	27.0
1/4. 29.5 So of center	5.40	26.5
curb 59. So of center	5.50	26.4
So line 93. So of center	6.20	25.7

T.P. ⊙ +3.48 ⌀ 31.67 −3.75 × 28.19

25' East 26th St

So line 83. So of center	5.40	26.3
curb 69. So of center	5.30	26.4
1/4 34.5' So of center	4.90	26.8
center	4.00	27.7
1/4. 31.5' No of center	3.60	28.1
curb 63. No of center	3.30	28.4
No line 82.4' No of center	3.10	28.6

50' East, 26th St.

no line 71. No of center	2.90	28.8
curb 53.5' no of center	3.40	28.3
1/4 26.7' No of center	3.80	27.9

	31.67	
center	4.10	27.6
1/4 29. So of center	4.90	26.8
curb 58. So of center	5.30	26.4
So line 72. So of center	5.40	26.3
75' East of 26th St		
So line 62.2 So of center	5.60	26.1
curb 55.2 So of center	5.40	26.3
1/4 27.6' So of center	5.00	26.7
center	4.40	27.3
1/4 21. No of center	4.10	27.6
curb 42.4 No of center	3.40	28.1
No line 61. No of center	3.20	28.5
100' East of 26th St		
no line 50.5' No of center	3.80	27.9
curb 33. no of center	4.20	27.5
1/4 16.5 No of center	4.50	27.2
center	4.90	26.8
1/4 19.' So of center	5.10	26.6
curb 38. So of center	5.50	26.2
So line 52. So of center	5.60	26.1
125' East 26th St		
So line 41.5 So center	5.60	26.1
curb 27.3' So of center	5.40	26.3
1/4 13.6' So of center	5.10	26.6
center	4.90	26.8
1/4 11.5' No of center	4.70	27.0
curb 23 no of center	4.20	27.5
No line 41.5' No of center	4.10	27.6
127' East 26th St		
no line 40' No of center	4.00	27.7
curb 26 No of center	4.20	27.5
1/4 13' No of center	4.70	27.0
center	4.90	26.8
1/4 13' So of center	5.10	26.6
curb 26' So of center	5.40	26.3

10/17/03

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		⊙ 31.67		
So line	40' So of center	5.60	5	26.1
		150' East 26th St.		
B.M.	+4.93	⊙ 33.12	×28.19	
So line		7.10		26.0
curb		6.80		26.3
1/4		6.70		26.4
center		6.50		26.6
1/4		6.20		26.9
curb		6.10		27.0
No line		5.60		27.5
		175' East 26th St.		
No line		5.70		27.4
curb		6.50		26.6
1/4		6.60		26.5
center		6.70		26.4
1/4		7.10		26.0
curb		7.10		26.0
So line		7.30		25.8
		200' East 26th St.		
So line		7.40		25.7
curb		7.20		25.9
1/4		7.10		26.0
center		7.00		26.1
1/4		6.70		26.4
curb		6.70		26.4
No line		6.40		26.7
		225' East 26th St		
No line		6.40		26.7
curb		6.90		26.2
1/4		7.00		26.1
center		7.30		25.8
1/4		7.50		25.6
curb		7.70		25.4
So line		7.80		25.3
		250' East 26th St		

	33.12	
So line	8.00	25.1
curb	7.70	25.4
1/4	7.60	25.5
center	7.40	25.7
1/4	7.10	26.0
curb	6.90	26.2
No line	6.50	26.6
	275' East 26th St	
No line	6.40	26.7
curb	6.70	26.4
1/4	6.70	26.4
center	6.90	26.2
1/4	7.00	26.1
curb	7.30	25.8
So line	7.60	25.5
	300' East 26th St.	
So line	7.30	25.8
curb	7.00	26.1
1/4	6.80	26.3
center	6.40	26.7
1/4	6.00	27.1
curb	6.20	26.9
No line	5.80	27.3
	325' East 26th St.	
No line	5.90	27.2
curb	6.00	27.1
1/4	6.20	26.9
center	6.40	26.7
1/4	6.80	26.3
curb	6.90	26.2
So line	7.10	26.0
	350' East 26th St	
So line	6.90	26.2
curb	6.70	26.4
1/4	6.40	26.7

	33,12	
center	5.90	27.2
1/4	6.00	27.1
curb	5.80	27.3
No line	5.30	27.8
	375' East 20th St	
no line	5.00	28.1
curb	5.20	27.9
1/4	5.50	27.6
center	5.80	27.3
1/4	6.00	27.1
curb	6.20	26.9
So line	6.50	26.6
	400' East 20th St	
So line	6.10	27.0
curb	5.90	27.2
1/4	5.80	27.3
center	5.60	27.5
1/4	5.30	27.8
curb	5.20	27.9
No line	5.00	28.1
	425' East 20th St.	
No line	5.50	27.6
curb	5.10	28.0
1/4	5.10	28.0
center	5.20	27.9
1/4	5.40	27.7
curb	5.30	27.8
So line	5.60	27.5
	450' East 20th St.	
So line	5.10	28.0
curb	4.90	28.2
1/4	4.50	28.6
center	4.50	28.6
1/4	4.50	28.6
curb	5.30	27.8

	⊙ 33.12	
No line	6.40	26.7
	475' East 26th St.	
no line	7.50	25.6
curb	6.30	26.8
1/4	5.10	28.0
center	4.30	28.8
1/4	4.20	28.9
curb	4.10	29.0
So line	4.30	28.8
	500' East 26th St.	
So line	4.00	29.1
curb	4.50	28.6
1/4	5.50	27.6
center	6.60	26.5
1/4	7.40	25.7
curb	8.30	24.8
No line	9.40	23.7

	525' East 26th St.	
No line	10.30	22.8
1 Ft Sof No line	11.30	21.8
curb	11.10	22.0
1/4	10.70	22.4
Center	9.40	23.7
1/4	8.00	25.1
curb	7.00	26.1
So line	5.00	28.1
T.P. ⊙ + 2.12	± 24.39 -10.85	22.27
	550 East of 26th St.	
So line	0.50	23.9
curb	1.30	23.1
1/4	2.50	21.9
center	4.20	20.2
1/4	5.40	19.0
curb	4.80	19.6
No line	3.60	20.8
20 ft no of north line	0.60	23.8

5-75 East 20th St.

	24.39	
20 ft No of No line	1.50	22.9
No line	3,90	20.5
curb	5,30	19.1
1/4	6,70	17.7
center	7,80	16.6
1/4	6,50	17.9
curb	5,80	18.6
So line	4,70	19.7
20 ft So of So line	5,30	19.1

West side of 27th St

20 ft So of So line	9,70	14.7
So line	9,60	14.8
curb	10,00	14.4
1/4	9,60	14.8
center	9,30	15.1
1/4	7,40	17.0
curb	5,50	18.9
No line	3,40	21.0
20 ft No of No line	0.20	24.2

curb West side 27th St.

20 ft No of No. line	0.50	23.9
No line	3,50	20.9
curb	5,60	18.8
1/4	7,60	16.8
center	9,40	15.0
1/4	10,60	13.8
curb	11,00	13.4
So line	11,40	13,0
20 ft So of So line	10,80	13.6

1/4 West side 27th St

20 ft So of So line	13,80	10.6
So line	12,70	11.7
curb	12,20	12,2
1/4	11,40	13,0

	24.39		
center	9.90		14.5
1/4	7.60		16.8
curb	5.50		18.9
No line	3.60		20.8
20 ft No of No line	0.90		23.5
Center 27th St.			
20 ft No of No line	1.90		22.5
No line	4.60		19.8
curb	6.10		18.3
1/4	7.80		16.6
center	10.30		14.1
1/4	12.20		12.2
T.P. @ +5.36	19.70	-10.05	14.34
curb	8.80		10.9
So line	8.90		10.8
20 ft So of So line	10.60		9.1
1/4 East side 27th			

20 ft So of So line	11.60	8.1
So line	10.20	9.5
curb	9.40	10.3
1/4	8.30	11.4
center	6.20	13.5
1/4	3.90	15.8
curb	2.10	17.6
No line	0.70	19.3
Curb East side 27th St.		
No line	1.20	18.5
Curb	3.00	16.7
1/4	4.90	14.8
center	6.90	12.8
1/4	8.50	11.2
curb	9.40	10.3
So line	10.20	9.5
20 ft So of So line	11.40	8.3
30 ft So of So line	11.70	8.0

	19.70	

East side of 27th St.

30 ft So of So line	11.70	8.0
So line	10.40	9.3
curb	10.00	9.7
1/4	9.20	10.5
center	8.10	11.6
1/4	6.40	13.3
curb	4.60	15.1
No line	2.40	17.3

25' East of 27th St

30 ft No. of No line	2.00	17.7
No line	6.20	13.5
curb	8.30	11.4
1/4	8.40	11.3
center	9.40	10.3
1/4	9.90	9.8
curb	10.00	9.7
So line	10.20	9.5
30 ft So. of So line	8.50	11.2

50' East 27th St.

20 ft So of So line	4.30	15.4
So line	6.90	12.8
curb	7.50	12.2
1/4	8.10	11.6
center	8.00	11.7
1/4	8.30	11.4
curb	8.40	11.3
no line	7.60	12.1
30 ft No of No line	4.80	14.9

75' East 27th St

30 ft No. of No line	6.50	13.7
No line	6.50	13.2
curb	6.20	13.5
1/4	5.20	14.5
center	4.80	14.9

	⊙ 19.70			
1/4	-3.20			16.5
curb	-1.60			18.1
So line	+0.40			20.1
T.P. ⊙ +7.01	⊙ 26.28	-0.43	19.27	
100' East 27th St				
So line	2.20			24.1
curb	3.00			23.3
1/4	3.60			22.7
center	4.60			21.7
1/4	6.00			20.3
curb	8.10			18.2
No line	10.20			16.1
30 ft No of No line	11.90			14.4
125' East 27th St				
20 ft no of no line	7.70			18.6
No line	3.40			22.9
curb	1.40			24.9
1/4	0.10			26.2
T.P. ⊙ +11.02	⊙ 37.08	-0.22	26.06	
center	10.50			26.6
1/4	10.20			26.9
curb	9.40			27.7
So line	9.30			27.8
150' East 27th St				
So line	7.60			29.5
curb	7.20			29.9
1/4	7.30			29.8
center	7.80			29.3
1/4	7.80			29.3
curb	8.40			28.7
No line	9.20			27.9
175' East 27th St.				
no line	5.20			31.9
curb	4.80			32.3
1/4	5.10			32.0

	37.08	
center	5.90	31.2
1/4	6.20	30.9
curb	6.60	30.5
So line	6.90	30.2
	200 East 27th St.	
So line	7.00	30.1
curb	6.30	30.8
1/4	5.80	31.3
center	5.30	31.8
1/4	4.60	32.5
curb	4.20	32.9
No line	3.80	33.3
	225' East 27th St	
No line	3.20	33.9
curb	3.70	33.4
1/4	4.20	32.9
Center	4.80	32.3

1/4	5.40	31.7
curb	6.00	31.1
So line	6.60	30.5
Com	250' East 27th St.	
So line	5.90	31.2
curb	5.30	31.8
1/4	4.80	32.3
Center	4.00	33.1
1/4	3.50	33.6
curb	3.20	33.9
No line	2.70	34.4
	275' East 27th St	
No line	2.30	34.8
curb	2.70	34.4
1/4	3.40	33.7
center	4.00	33.1
1/4	4.40	32.7
curb	4.50	32.6

37.08

So line	5.30	31.8

300' East 27th St.

So line	5.00	32.1
curb	4.50	32.6
1/4	3.90	33.2
center	3.30	33.8
1/4	2.80	34.3
curb	2.70	34.4
No line	2.10	35.0

325' East 27th St

No line	2.00	35.1
curb	2.20	34.9
1/4	2.70	34.4
center	3.10	34.0
1/4	3.40	33.7
curb	3.70	33.4
So line	4.20	32.9

350' East 27th St

So line	3.90	33.2
curb	3.50	33.6
1/4	3.20	33.9
center	2.60	34.5
1/4	2.10	35.0
curb	2.00	35.1
No line	2.00	35.1

375' East 27th St

No line	1.90	35.2
curb	2.40	34.7
1/4	2.30	34.8
center	2.40	34.7
1/4	3.00	34.1
curb	3.40	33.5
So line	3.50	33.6

400 East 27th St.

So line	4.10	33.0

	37.08		
curb	3.60		33.5
1/4	3.10		34.0
center	2.70		34.4
1/4	2.90		34.2
curb	2.60		34.5
No line	2.20		34.9
	425' East 27th St.		
No line	3.30		33.8
curb	3.90		33.2
1/4	4.40		32.7
center	5.20		31.9
1/4	6.40		30.7
curb	7.30		29.8
So line	7.90		29.2
T.P. ⊙ +5.12	31.77	-10.43	26.65
	450' East 27th St.		
So line	8.90		22.9
curb	7.40		24.4
1/4	5.80		26.0
center	4.00		27.8
1/4	1.90		29.9
curb	1.10		30.7
No line	0.50		31.3
	475' East 27th St.		
No line	5.30		26.5
curb	5.80		26.0
1/4	7.50		24.3
center	9.40		22.4
1/4	11.10		20.7
curb	12.60		19.2
So line	14.40		17.4
T.P. ⊙ +1.48	21.33	-11.92	19.85
	500' East 27th St.		
So line	8.10		13.2
curb	7.30		14.0
1/4	5.90		15.4

	21,33	
center	4,80	16.5
1/4	3.20	18.1
curb	3.00	18.3
No line	1,80	19.5
	S 25' East 27th St.	
No line	3,40	17.9
curb	5,50	15.8
1/4	7,50	13.8
center	8,60	12.7
1/4	9,40	11.9
curb	10,30	11.0
So line	11.90	9.4
30 ft So of So line	11.00	10.3
	S 33' East 27th St	
30 ft So of So line	9,70	11.6
So line	9.30	12.0
3 ft no of So line	11,00	10.3
curb	11,40	9.9
1/4	11,00	10.3
5 ft So of center	10,60	10.7
center	8,80	12.5
1/4	7,50	13.8
curb	5,90	15.4
No line	4,10	17.2
	S 50, East 27th St	
20 ft No of No line	3,20	18.1
No line	5,90	15.4
curb	7,20	14.1
1/4	9,20	12.5
2 ft So of 1/4 line	10,70	10.6
center	8,60	12.7
1/4	8,20	13.1
curb	6,60	14.7
So line	5,50	15.8
20 ft So of So line	4,20	17.1

		21.33			
T.P. ⊙	5.48	26.28	0.53	20.80	
		575 East of 27th St			
So line		3.70			22.6
curb		7.70			18.6
1/4		9.40			16.9
center		10.60			15.7
1/4		11.10			15.2
curb		10.80			15.5
No line		12.80			13.5
20 ft No of No line		10.00			14.3
		587 East 27th St			
No line		8.70			17.6
curb		8.30			18.0
1/4		8.10			18.2
center		8.00			18.3
1/4		7.00			19.3
curb		3.00			23.3
So line		0.10			26.2

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		31.59			
T.P. ⊙			-2.19	+24.09	
B.M.	+1.13	65.02		63.89	NE cor 29 pg national av
⊙	+0.75	60.37	-5.40	59.62	S.E cor 28th & national av N. hinge of hydrant
⊙	+0.43	49.95	-10.85	49.52	
⊙	+0.19	40.02	-10.12	39.83	
⊙	+4.47	33.34	-11.15	28.87	
(checked on T.P. as above)			-9.27	+24.07	checked on T.P. diff 00.02
		West side of 28th St.			
So line		7.80			25.5
curb		7.30			26.0
1/4		7.60			25.7
center		7.40			25.9
1/4		7.10			26.2
curb		6.90			26.4
No line		6.90			26.4
		curb West side 28th St			
No line		6.20			27.1

	33.34	
curb	6.50	26.8
¼	6.70	26.6
center	7.00	26.3
¼	7.40	25.9
curb	7.90	25.4
So line	8.50	24.8
	¼ West side 28th St.	
So line	8.40	24.9
curb	7.90	25.4
¼	7.50	25.8
center	7.10	26.2
¼	6.70	26.6
Curb	6.50	26.8
No line	6.00	27.3
	Center of 28th St	
No line	6.10	27.2
curb	6.40	26.9
¼	6.80	26.5
center	7.20	26.1
¼	7.70	25.6
curb	8.10	25.2
So line	8.70	24.7
	¼ East side 28th St.	
So line	8.20	25.1
curb	7.80	25.5
¼	7.50	25.8
center	7.00	26.3
¼	6.60	26.7
curb	6.30	27.0
No line	5.90	27.4
	curb East side 28th	
No line	6.10	27.2
curb	6.50	26.8
¼	7.00	26.3
center	7.30	26.0

		33.34		
¼		7.60		25.7
curb		8.00		25.3
So line		8.70		24.6
	East side 28th St.			
So line		7.40		25.9
curb		7.10		26.2
¼		6.90		26.4
center		6.40		26.9
¼		5.90		27.4
curb		4.90		28.4
No line		4.80		28.5
T.P. ⊙	12.21	39.90	5.65	27.69
	04 ft East 28th St.			
No line		3.60		36.3
curb		3.80		36.1
¼		3.70		36.2
center		3.90		36.0
¼		3.90		36.0
curb		4.30		35.6
So line		4.50		35.4
	25' East 28th St.			
So line		4.30		35.6
curb		4.00		35.9
¼		4.00		35.9
center		3.50		36.4
¼		3.20		36.7
curb		2.80		37.1
No line		2.40		37.5
	50' East 28th St.			
No line		2.90		37.0
curb		3.00		36.9
¼		3.30		36.6
center		3.60		36.3
¼		3.80		36.1
curb		4.10		35.8

	39.90	
So line	3.80	36.1
	75' East 28th St	
So line	3.70	36.2
curb	4.00	35.9
1/4	3.80	36.1
center	3.50	36.4
1/4	3.20	36.7
curb	2.90	37.0
No line	2.40	37.5
	100' East 28th St	
no line	2.90	37.0
curb	3.30	36.6
1/4	3.40	36.5
Center	3.60	36.3
1/4	4.00	35.9
curb	4.10	35.8
So line	4.30	35.6

	125' East 28th St	
So line	4.10	35.8
curb	3.90	36.0
1/4	4.10	35.8
center	3.60	36.3
1/4	2.70	37.2
curb	2.50	37.4
no line	2.70	37.2
	150' East 28th St	
No line	3.00	36.9
curb	3.00	36.9
1/4	3.10	36.8
center	3.30	36.6
1/4	3.90	36.0
curb	4.00	35.9
So line	4.10	35.8
	175' East 28th St	
So line	4.10	35.8

	39.90	
curb	4.20	35.7
1/4	3.90	36.0
center	3.90	36.0
1/4	4.30	35.6
curb	4.70	35.2
No line	5.40	34.5
200 East 28th St.		
No line	7.50	32.4
curb	7.10	32.8
1/4	7.20	32.7
center	7.10	32.8
1/4	6.20	33.7
curb	4.90	35.0
So line	4.90	35.0
225 East 28th St.		
So line	10.10	29.8
curb	10.40	29.5

1/4		10.20			29.7
center		10.20			29.7
1/4		10.30			29.6
curb		10.70			29.2
No line		10.40			29.5
250 East 28th St.					
No line		9.10			30.8
curb		10.20			29.7
1/4		12.30			27.6
	3.23	34.14	8.99	30.91	
center		6.90			27.2
1/4		7.20			26.9
curb		7.60			26.5
So line		7.70			26.4
275 East 28th St.					
20 ft So of So line		10.80			23.3
So line		9.90			24.2
curb		9.20			24.9

	34.14		
1/4	8.20		25.9
center	6.60		27.5
1/4	5.30		28.8
curb	2.70		31.4
No line	1.60		32.5
300' East 28th St			
No line	0.60		33.5
curb	1.60		32.5
1/4	3.10		31.0
center	4.80		29.3
1/4	4.50		27.6
curb	7.10		26.4
So line	8.30		25.8
20 ft So of So line	8.20		25.9
325 East 28th St			
So line	3.40		30.7
curb	3.10		31.0
1/4	2.40		31.7
center	1.90		32.2
1/4	0.90		33.2
curb	0.30		33.8
T.P. ⊙ +9.07	42.48	-9.13	33.41
No line	8.10		34.4
350' East 28th St.			
No line	6.90		35.6
curb	7.20		35.3
1/4	7.30		35.2
center	7.60		34.9
1/4	7.90		34.6
curb	8.00		34.5
So line	7.80		34.7
375' East 28th St			
So line	6.70		35.8
curb	6.70		35.8
1/4	7.30		35.2

	42.48	
center	5.80	36.7
1/4	5.40	37.1
curb	5.70	36.8
No line	5.50	37.0
	400 East 28th St.	
No line	5.10	37.4
curb	5.80	36.7
1/4	6.10	36.4
center	6.70	35.8
1/4	7.00	35.5
curb	7.00	35.5
So line	6.80	35.7
	425 East 28th St	
So line	6.90	35.6
curb	7.00	35.5
1/4	6.90	35.6
center	6.50	36.0
1/4	6.30	36.2
curb	5.70	36.8
no line	5.30	37.2
	437 East 28th St	
no line	4.80	37.7
curb	4.90	37.6
1/4	5.90	36.6
center	6.20	36.3
1/4	6.50	36.0
curb	6.50	36.0
So line	6.40	36.1
	475 East 28th St	
So line	6.70	36.3
curb	6.20	36.3
1/4	6.20	36.3
center	5.70	36.8
1/4	5.50	37.0
curb	4.90	37.6

42.48

No line	4.70	37.8

5.00 East 28th St

no line	4.00	38.5
curb	4.40	38.1
1/4	4.70	37.8
center	4.70	37.8
1/4	4.70	37.8
curb	5.10	37.4
So line	5.50	37.0

5.25 East 28th St

So line	5.30	37.2
curb	5.10	37.4
1/4	4.70	37.8
center	4.50	38.0
1/4	4.20	38.3
curb	3.70	38.8
no line	3.40	39.1

5.50 East 28th St

no line	3.20	39.3
curb	3.50	39.0
1/4	3.80	38.7
center	4.00	38.5
1/4	3.90	38.6
curb	4.60	37.9
So line	5.10	37.4

5.75 East 28th St.

√ So line	4.50	38.0
curb	4.10	38.4
1/4	3.70	38.8
center	3.60	38.9
1/4	3.20	39.3
curb	3.10	39.4
No line	2.80	39.7

West side 29th St

No line	2.00	40.5

	42.48	
curb	2.20	40.3
¼	2.60	39.9
center	2.70	39.8
¼	3.10	39.4
curb	3.40	39.1
So line	3.80	38.7
	curb West side 29th St	
So line	3.50	39.0
curb	3.50	39.0
¼	3.00	39.5
center	2.80	39.7
¼	2.40	40.1
curb	2.20	40.3
No line	2.00	40.5
	¼ West side 29th St	
No line	2.00	40.5
curb	2.20	40.3
¼	2.50	40.0
center	2.70	39.8
¼	3.00	39.5
curb	3.40	39.1
So line	3.50	39.0
	center 29th St	
So line	3.60	38.9
curb	3.40	39.1
¼	3.00	39.5
center	2.70	39.8
¼	2.40	40.1
curb	2.10	40.4
No line	2.00	40.5
	¼ East side 29th St	
No line	2.00	40.5
curb	2.20	40.3
¼	2.70	39.8
center	2.80	39.7

	42,48		
1/4	3.00		39.5
curb	3,30		39.2
So line	3.90		38.6
Curb East side 29th St			
So line	3,90		38.6
curb	3,30		39.2
1/4	2,90		39.6
center	2,60		39.9
1/4	2,30		40.2
curb	2,10		40.4
No line	1.80		40.7
East side 29th St			
No. line	1.60		40.9
curb	1,80		40.7
1/4	2,20		40.3
center	2.50		40.0
1/4	2,70		39.8
curb	3,30		39.2
So line	3,50		39.0
T.P. ⊙	+41.8	43.39	3,27 39.21
25' East 29th			
So line		4.00	39.4
curb		3,60	39.8
1/4		3.60	39.8
center		3,40	40.0
1/4		3,10	40.3
curb		2,80	40.6
No line		2.50	40.9
50' East 29th St			
No line		2,70	40.7
curb		3,00	40.4
1/4		3,30	40.1
center		3,60	39.8
1/4		3,80	39.6
curb		4,10	39.3

	43.39	
So line	7.00	39.4
	75' East 29th St	
So line	5.00	38.4
curb	4.60	38.8
1/4	4.60	38.8
center	4.30	39.1
1/4	3.90	39.5
curb	3.80	39.6
No line	3.50	39.9
	100' East 29th St	
No line	3.50	39.9
curb	3.90	39.5
1/4	4.10	39.3
center	4.60	38.8
1/4	4.90	38.5
curb	5.20	38.2
So line	5.20	38.2

	125' East 29th St	
So line	5.40	38.0
curb	5.30	38.1
1/4	4.90	38.5
center	4.60	38.8
1/4	4.10	39.3
curb	3.70	39.7
No line	3.30	40.1
	150' East 29th St	
No line	3.70	39.7
curb	3.70	39.7
1/4	4.00	39.4
center	4.60	38.8
1/4	4.80	38.6
curb	5.30	38.1
So line	5.80	37.6
	175' East 29th St	
So line	5.50	37.9

	43.39		
curb	5.20		38.2
1/4	4.70		38.7
center	4.10		39.3
1/4	3.80		39.6
curb	3.40		40.0
No line	3.00		40.4
	200' East 29th St.		
no line	2.60		40.8
curb	3.60		39.8
1/4	3.90		39.5
center	4.20		39.2
1/4	4.80		38.6
curb	4.90		38.5
So line	5.00		38.4
B.M. +4.41	43.62	39.21	
	225' East 29th St.		
So line	5.00		38.6
curb	4.80		38.8
1/4	4.90		38.7
center	4.10		39.5
1/4	3.70		39.9
curb	3.30		40.1
No line	2.90		40.7
	250' East 29th St.		
no line	2.50		41.1
curb	2.80		40.8
1/4	3.10		40.5
center	3.30		40.3
1/4	4.20		39.4
curb	4.50		39.1
So line	4.70		38.9
	275' East 29th St.		
So line.	4.30		39.3
curb	3.90		39.7
1/4	4.20		39.4

	43.62	
center	3.50	40.1
1/4	3.10	40.5
curb	2.70	40.9
No line	2.50	41.1
	300' East 29th St	
no line	2.30	41.3
curb	2.80	40.8
1/4	3.10	40.5
center	3.60	40.0
1/4	4.30	39.3
curb	4.40	39.2
So line	4.40	39.2
	325' East 29th St	
So line	4.50	39.1
curb	4.50	39.1
1/4	4.40	39.2
center	3.70	39.9
1/4	3.40	40.2
Curb	3.00	40.6
No line	2.20	41.4
	337 East 29th St.	
No line	3.10	40.5
curb	3.40	40.2
1/4	3.50	40.1
center	4.20	39.4
1/4	5.00	38.6
curb	5.70	37.9
So line	5.30	38.3
	350' East 29th St	
So line	6.80	36.8
curb	6.20	37.4
1/4	6.20	37.4
center	5.60	38.0
1/4	5.00	38.6
curb	5.30	38.3

	43.62		
No line	5.10		38.5
375' East 29th St			
No line	10.60		33.0
curb	11.50		32.1
1/4	12.70		30.9
center	11.70		31.9
1/4	11.30		32.3
curb	11.10		32.5
So line	11.50		32.1
T.P. ⊙ +0.58	33.09	-11.11	32.51
400' East 29th St.			
So line	9.90		23.2
curb	9.70		23.4
1/4	9.60		23.5
center	12.00		21.1
1/4	10.80		22.3
Curb	9.40		23.7

No line	10.00		43.1
T.P. ⊙ +4.50	26.43	-11.16	21.93
425' East 29th St.			
20ft No of No line	7.80		18.6
No line	9.00		17.4
curb	9.90		16.5
1/4	10.30		16.1
center	10.70		15.7
1/4	10.30		16.1
curb	8.60		17.8
So line	9.60		16.8
25ft + So of So line	13.00		13.4
50ft So of So line	14.60		11.8
438' East 29th St			
50ft So of So line	15.30		11.1
25ft So of So line	14.10		12.3
So line	11.90		14.5
curb	10.40		16.0
1/4	11.80		14.6

	26.43	
center	11.60	14.8
1/4	11.10	15.3
curb	10.40	16.0
No line	9.60	16.8
20 ft No of No line	6.70	19.7
450' East 29th St.		
20 ft No of No line	5.50	20.9
No line	8.10	18.3
curb	9.10	17.3
1/4	10.00	16.4
center	10.60	15.8
1/4	11.70	14.7
curb	13.90	12.5
So line	14.30	12.1
25 ft So of So line	14.60	11.8
50 ft So of So line	15.70	10.7
475' East 29th St.		
50. ft So of So line	10.30	16.1
25 ft So of So line	10.30	16.1
So line	9.70	16.7
curb	8.90	17.5
1/4	7.60	18.8
center	6.30	20.1
1/4	5.00	21.4
curb	2.90	23.5
No line	2.30	24.1
T.P. ⊙ + 12.03	37.98	0.48 25.95
500' East 29th St		
No line	5.70	32.3
curb	7.50	30.5
1/4	7.60	30.4
center	10.30	27.7
1/4	12.50	25.5
curb	13.60	24.4
So line	11.70	26.3

Notes continued in Book 2

+0,18	51.33		51.15 B.M.
		-11,75	39.58
+0,69	40.27		
		-10,59	29.68
+2,94	32.62		
		-3,69	28.93

EL 28.87

Différence 00,06

Establish B.M. 26.60 Spk in S.E cor of fence 175 ft W of S.W. cor. Main & 25th St.

Est. B.M. 27.61 on Spike 20 ft north & 7 ft W of N.E. cor Main & 26th St.

Est. B.M. 20.87' Spk in plug N.W. cor 27th and Main St.

Est. B.M. 59.62. S.E cor 28th & National ave North hinge of hydrant

Est. B.M. 39.83' Spk in Electric pole S.W. cor 28th & Boston ave

Estb. B.M. 28.87'. Spike. 6 ft East & 53.4' N. of N.W. cor 28th & Main St.

Estb. B.M. 39.21' Spike in Tel pole S.W. cor 29th & Main St.

32.36
3.42
28.94

28.96
22.40
51.36

40.00
17.60
22.40
28.96
51.36

40.00
17.60
22.40

29.18
2.58
26.60

51.15
40.00
11.15
18.35
29.50

28
4.83

51.36
40.00
11.36
18.35
29.71

18.35
22.40
40.75

~~19.70~~
5.41

28.96
2.40
51.36

28.96
4.17
33.13
3.42
29.71

26.28
5.41
20.87

27th & national
B.M. 55.20' S.E cor N hinge of hydrant.

27th & Topeka
B.M. 21.08 N.W. cor Spk 6" S.E. of cor

28th & Topeka
B.M. 27.445 Iron pin 10" S W cor

28th & National ave
B.M. 57.71' S.E. cor N.W. bolt of Ele light mast

29th & national
B.M. 63.89' N.E. cor N hinge of hydrant

30th & national
B.M. 65.74 S.E. N hinge of hydrant

26th & Boston ave
B.M. 29.862' Iron Spk in plug about N.E cor of Boston ave

33.12
-3.17
29.95
29.86
.09

20.00
18.75
1.25

18.75
-7.00
11.75

32.00
18.75
13.25

25.00
11.75
13.25

B.M. 21st & Logan
31.57 N hinge of hydrant

135

B.M. Newton & 20th
17.93 Iron spike on top of fence post
100 ft W of N.W. cor

B.M. Newton & 21st
20.53 Iron pin in tel pole N.E cor

B.M. Milton & 21st
25.55 Spike in W cor of tel pole N.E. cor.

B.M. Olive & 21st
20.70 Spike in fence post 100 ft S of N.E cor

B.M. Logan & 22nd
44.002 N.E. N hinge of hydt.

B.M. Olive & 22nd
25.14 Copper tack in plug 1' N.E of N.E cor

B.M. Logan 26th
66.29 S.E Cor N hinge hydt

Establish B.M. Main & 21st st Elv 18.98 Spike in cor of fence. 50 ft S. of the S.E. cor

B.M. Elv 21.41 Spike in fence cor N.W cor 22nd and Main st.

B.M. Elv 23.26 on copper tack in plug 13 ft S & 7 ft W of the S.E cor 23rd & main st.

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

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

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

Degrees	DEGREES. 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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Book no. 132.

name. date.