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

TRANSIT

398

F.B. 361

TRAVERSE TABLE FOR TRANSIT BOOK.

From 1° to 90° for a distance of 100.

Degrees.	DEGREES.		¼ DEGREE.		½ DEGREE.		¾ DEGREE.		Degrees.
	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	Lat.	Dep.	
0			100.00	0.44	100.00	0.87	99.99	1.31	89
1	99.98	1.75	99.98	2.18	99.97	2.62	99.95	3.05	88
2	99.94	3.49	99.92	3.93	99.91	4.36	99.88	4.80	87
3	99.86	5.23	99.84	5.67	99.81	6.10	99.79	6.54	86
4	99.76	6.98	99.73	7.41	99.69	7.85	99.66	8.28	85
5	99.62	8.72	99.58	9.15	99.54	9.58	99.50	10.02	84
6	99.45	10.45	99.41	10.89	99.36	11.32	99.31	11.75	83
7	99.25	12.19	99.20	12.62	99.14	13.05	99.09	13.49	82
8	99.03	13.92	98.97	14.35	98.90	14.78	98.84	15.21	81
9	98.77	15.64	98.70	16.07	98.63	16.50	98.56	16.93	80
10	98.48	17.36	98.40	17.79	98.33	18.22	98.25	18.65	79
11	98.16	19.08	98.08	19.51	97.99	19.94	97.90	20.36	78
12	97.81	20.79	97.72	21.22	97.63	21.64	97.53	22.07	77
13	97.44	22.50	97.34	22.92	97.24	23.34	97.13	23.77	76
14	97.03	24.19	96.92	24.62	96.81	25.04	96.70	25.46	75
15	96.59	25.88	96.48	26.30	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	86.39	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	55.20	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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Return to City Engineers Office
City Hall, San Diego, Cal.

Crocker Quality

TRANSIT BOOK

No._____

MANUFACTURED BY

H. S. CROCKER CO.

SAN FRANCISCO AND SACRAMENTO
CALIFORNIA

FROM
LORING'S BOOK STORE
SAN DIEGO, CAL.

v-section "B" st 6th to 20th
" 80' wide
using 5' quarters

2/9/10 Dunkle
Shaw
Evans.

B.M. brass plg 6th & "B"			58.43	
B.M.	7.87	66.30		
E.L. Sixth st.				
S. curb			8.8	57.5
gte			9.0	57.3
1/4			8.9	57.4
M			8.3	
+ 0.5 = 2' S of S. rail			8.3	
+ 2.5 = 5' "			8.2	
+ 9.5 = 2' N of N. rail			8.2	
1/4			8.1	
crb			7.6	
N			7.6	
0+25' E				
N			7.4	
crb			7.5	
1/4			8.0	
+ 11.5 = 2' N. of N. rail			8.1	
+ 18.5 = S. rail			8.0	
+ 20.5 = 2' S of S. rail			8.1	
M			8.2	
1/4			8.7	
gte			8.6	
S. crb			8.5	

Note - Curb & sidewalk all constructed on S. side from 6th st to 10th st & on N. side from 7th to 9th. sidewalk but no curb bet 6th & 7th on N side

2

0+50' E

S. crb			8.1	
gte			8.4	
1/4			8.5	
M			7.8	
+ 0.5			7.8	
+ 2.5			7.7	
+ 9.5			7.9	
1/4			7.5	
crb			7.5	
N			7.1	
0+75				
N			6.8	
crb			7.3	
1/4			7.6	
+ 11.5			7.4	
+ 18.5			7.3	
+ 20.5			7.4	
M			7.4	
1/4			8.2	
gte			8.2	
S. crb			7.8	

66.30

1+0

S.Crk	7.4
gte	7.8
"A	7.8
M	7.1
+0.5	7.1
+2.5	7.0
+9.5	7.1
"A	7.4
Crk	7.1
N	6.5

1+25

N	6.4
Crk	6.7
"A	6.9
+11.5	6.8
+18.5	6.7
+20.5	6.9
M	6.9
"A	7.3
gte	7.2
S.Crk	7.0

1+50

S.Crk	6.6
gte	7.1
"A	7.0
M	6.6
+0.5	6.6
+2.5	6.4
+9.5	6.4
"A	6.5
Crk	6.3
N	6.1

1+75

N	5.8
Crk	6.2
"A	6.1
+11.5	6.1
+18.5	6.1
+20.5	6.3
M	6.3
"A	6.8
gte	6.5
S.Crk	6.2

66.30

2+0 = W.L. 7th 80' wide Graded

S. crb		5.8
gtr		6.2
1/4		6.2
M		5.9
+0.5		5.9
+2.5		5.8
+9.5		5.8
1/4		5.7
crb		5.7
N		5.6
	N. crb	
N		5.2
crb		5.5
1/4		5.6
+11.5		5.6
+18.5		5.6
+20.5		5.7
M		5.7
1/4		6.1
crb		6.2
S.		6.1

W 1/4

S		6.2
crb		6.1
1/4		5.9
M		5.6
+0.5		5.6
+2.5		5.5
+9.5		5.5
1/4		5.4
crb		5.3
N		4.5
	Center	
N		3.5
crb		4.7
1/4		4.8
+11.5		5.1
+18.5		5.3
+20.5		5.3
M		5.3
1/4		5.3
crb		5.3
S		5.3

66·30

E "A

S	5.4
Cnb	5.3
"A	5.2
M	4.9
+0.5	4.9
+2.5	5.0
+9.5	5.0
"A	4.9
Cnb	4.7
N	3.9

E. Cnb

N	4.3
Cnb	4.7
"A	4.8
+11.5	4.9
+18.5	5.0
+20.5	4.9
M	4.9
"A	5.2
Cnb	5.3
S	5.4

E. L. 7th

S.Cnb	5.0
gte	5.1
"A	5.1
M	4.8
+0.5	4.8
+2.5	4.8
+9.5	4.7
"A	4.8
gte	4.8
N.Cnb	4.8

0+75 E of 7th

N.Cnb	4.7
gte	5.2
"A	4.8
+11.5	4.6
+18.5	4.5
+20.5	4.5
M	4.5
"A	5.2
gte	5.3
S.Cnb	4.7

Note - curb has sunk on N. side from 6th 1+75 to 8th St

66.30

0+50

S. crb	4.5
gte	5.1
"a	4.9
M	4.5
+0.5	4.5
+2.5	4.3
+9.5	4.4
"a	5.0
gte	5.2
N. crb	4.4

0+75

N crb	4.2
gte	4.9
"a	4.6
+11.5	4.3
+18.5	4.1
+20.5	4.1
M	4.1
"a	4.7
gte	4.8
S. crb	4.3

1+0

S. crb	4.1
gte	4.6
"a	4.5
M	3.9
+0.5	3.9
+2.5	3.9
+9.5	4.0
"a	4.3
gte	4.5
N. crb	3.8

1+25

N. crb	4.0
gte	4.4
"a	4.2
+11.5	3.8
+18.5	3.7
+20.5	3.8
M	3.8
"a	4.3
gte	4.9
S. crb	3.8

66.30

1+50

S.crk	3.7
gte	4.5
1/4	4.3
M	3.5
+0.5	3.5
+2.5	3.5
+9.5	3.6
1/4	3.9
gte	4.1
N.crk	3.4

1+75

N.crk	3.8
gte	4.2
1/4	3.9
+11.5	3.2
+18.5	3.2
+20.5	3.3
M	3.3
1/4	3.8
gte	4.0
S.crk	3.5

Graded. 7

2+0 = W.L. 8th of 80' wide

S.crk	3.4
gte	3.9
1/4	3.7
M	3.2
+0.5	3.2
+2.5	3.0
+9.5	3.1
1/4	3.1
gte	3.2
N.crk	2.9

W.curb

N	2.6
crk	2.6
1/4	2.6
+11.5	2.8
+18.5	2.8
+20.5	3.0
M	3.0
1/4	3.6
crk	3.8
S	3.4

66.30

W "A

S	3.8
curb	3.8
"A	3.6
M	2.9
+0.5	2.9
+2.5	2.8
+9.5	2.7
"A	2.4
curb	2.2
N	2.2

Center

N	1.1
curb	1.7
"A	1.9
+11.5	2.4
+18.5	2.5
+20.5	2.8
M	2.8
"A	3.1
curb	3.1
S	3.1

E "A

S	3.1
curb	3.0
"A	2.9
M	2.3
+0.5	2.3
+2.5	2.2
+9.5	2.2
"A	1.8
curb	1.6
N	1.4

E. curb

N	1.8
curb	1.7
"A	1.9
+11.5	2.2
+18.5	2.2
+20.5	2.2
M	2.2
"A	2.9
curb	3.1
S	2.9

66.30

E.L. 8th St

S.Crb	2.4
gtr	3.0
"	3.0
M	2.3
+0.5	2.3
+2.5	2.0
+9.5	2.2
"	1.9
gtr	1.8
N.crb	1.8

0+25 E of 8th St

N.crb	1.4
gtr	1.6
"	1.6
+11.5	1.8
+18.5	1.7
+20.5	1.9
M	1.9
"	2.7
gtr	2.7
S.crb	2.1

0+50

S.crb	1.7
gtr	2.4
"	2.5
M	1.7
+0.5	1.7
+2.5	1.3
+9.5	1.5
"	1.2
gtr	1.2
N.crb	1.1

0+75

N.crb	0.7
gtr	0.7
"	0.7
+11.5	1.1
+18.5	0.9
+20.5	1.3
M	1.3
"	2.1
gtr	1.9
S.crb	1.2
T.P.	9.53 74.67 1.16 65.14

74.67

1+0

S. curb	
gtr	9.3
⅓	10.1
M	10.3
+0.5	9.3
+2.5	9.3
+9.5	8.9
⅓	9.1
gtr	8.7
N. curb	8.7
	8.7

1+25

N. curb	
gtr	8.3
⅓	8.4
+11.5	8.4
+18.5	8.7
+20.5	8.6
M	8.9
⅓	8.9
gtr	9.8
S. curb	9.9
	8.9

1+50

S. curb	
gtr	8.5
⅓	9.5
M	9.3
+0.5	8.5
+2.5	8.5
+9.5	8.2
⅓	8.3
gtr	8.1
N. curb	8.1
	7.9

1+75

N. curb	
gtr	7.6
⅓	7.7
+11.5	7.5
+18.5	7.8
+20.5	7.8
M	8.0
⅓	8.0
gtr	8.9
S. curb	9.1
	8.2

74.67

2+0 = W.L. 9th St 80' wide, Graded

S. crb	7.7
gte	8.5
1/4	8.4
M	7.5
+0.5	7.5
+2.5	7.4
+9.5	7.3
1/4	6.9
gte	7.1
N. crb	7.1

W. curb

N	8.2
crb	6.8
1/4	6.6
+11.5	7.1
+18.5	7.3
+20.5	7.3
M	7.3
1/4	8.2
crb	8.3
S	8.2

W 1/4

S	8.0
crb	7.8
1/4	7.8
M	7.1
+0.5	7.1
+2.5	7.2
+9.5	7.1
1/4	6.6
crb	6.6
N	6.8

center

N	6.3
crb	6.5
1/4	6.6
+11.5	6.8
+18.5	7.0
+20.5	6.9
M	6.9
1/4	6.9
crb	6.9
S	7.0

E 11/4

S	7.0
crk	6.8
11/4	6.7
M	6.7
+0.5	6.7
+2.5	6.8
+9.5	6.7
11/4	6.4
crk	6.5
N	6.4

F. Curb

N	7.4
crk	6.5
11/4	6.4
+11.5	6.7
+18.5	6.8
+20.5	6.7
M	6.7
11/4	6.8
crk	7.0
S	7.2

E. L. 9th St 80' Grad

S. crk	6.8
9th	6.8
11/4	6.7
M	6.6
+0.5	6.6
+2.5	6.6
+9.5	6.6
11/4	6.5
Curb	7.0
N	6.7

0+25 E of 9th

N	6.4
crk	6.4
11/4	6.1
+11.5	6.2
+13.5	6.3
+20.5	6.4
M	6.4
11/4	6.7
9th	6.3
S. crk	6.2

0+50

S. Crk	5.7
gte	6.2
"4	6.4
+16	6.2
M	5.8
+0.5	5.8
+2.5	5.7
+9.5	5.9
"4	6.4
Crk	6.4
N.	6.3

0+75

N	6.2
Crk	6.3
"4	6.2
+11.5	5.9
+18.5	5.2
+20.5	5.3
M.	5.3
+3	6.0
"4	6.1
gte	6.0
S. Crk	5.2

1+0

S. Crk	4.6
gte	5.6
"4	5.6
+18	5.6
M	5.0
+0.5	5.0
+2.5	4.8
+9.5	5.1
"4	6.1
Crk	6.1
N	5.8

1+25

N	4.8
Crk	5.2
"4	5.4
+11.5	4.6
+18.5	4.3
+20.5	4.5
M	4.5
+3	5.2
"4	5.1
gte	5.0
S. Crk	4.8

		74.67				
		1-				
		1+50				
S. crk			3.4			
gte			4.2			
"			4.4			
+1.8			4.5			
"			4.1			
+0.5			4.1			
+2.5			3.8			
+9.5			4.1			
"			4.8			
crk			4.8			
N			4.8			
		1+75				
N			4.4			
crk			4.4			
"			4.3			
+11.5			3.5			
+18.5			3.2			
+20.5			3.9			
N			3.4			
"			3.6			
gte			3.6			
S. crk			2.8			

2+10 = W. L. 10th St Graded.

S. crk			2.2			
gte			2.8			
"			2.7			
N			2.9			
+0.5			2.9			
+2.5			2.7			
+9.5			3.1			
"			3.9			
crk			4.0			
N.			3.3			
T. P.	9.73	87.17	2.23	72.44		
		W. curb				
N			10.3			
crk			11.0			
"			10.9			
+11.5			10.3			
+18.5			10.0			
+20.5			10.0			
N			10.0			
"			10.0			
crk			10.1			
S			10.2			

82.17

W. ¼

S	10.0
Crk	9.8
¼	9.7
M	9.9
+0.5	9.9
+2.5	9.8
+9.5	10.1
¼	10.5
Crk	10.6
N	10.6

CENTER

N	9.9
Crk	9.8
¼	9.6
+11.5	9.9
+18.5	9.9
+20.5	9.3
M	9.3
¼	8.6
Crk	8.6
S	8.6

E ¼

S	8.3
Crk	8.2
¼	8.2
M	8.8
+9.5	8.8
+2.5	8.9
+9.5	8.9
¼	9.1
Crk	9.3
N	9.5

E. CURB

N	9.5
Crk	9.3
¼	9.1
+11.5	8.8
+18.5	8.8
+20.5	8.8
M	8.8
¼	8.1
Crk	8.2
S	8.4

E. L. 10+87, 80' wide

S	6.7
Crk	7.2
"A	7.8
M	8.3
+0.5	8.3
+2.5	8.4
+9.5	8.4
"A	8.6
Crk	8.9
N	8.9

0+75 E

N	6.6
Crk	6.6
+1	6.6
+2	7.3
"A	6.9
+5	6.6
+11.5	7.0
+18.5	7.3
+20.5	7.0
M	6.7
"A	6.6
Crk	6.7
+1	5.9
S	5.7

0+50

S	5.0
+1.3	5.0
Crk	5.7
"A	5.7
M	5.5
+0.5	5.9
+2.5	6.1
+9.5	5.8
+12	5.4
"A	5.4
+3	5.9
+4	5.1
Crk	5.1
N	5.2

0+75

N	3.4
Crk	3.1
+1	3.1
+2	4.2
"A	3.8
+9	4.0
+11.5	5.6
+18.5	4.9
+20.5	4.6
M	4.3
"A	4.8
Crk	4.5
S	4.1

82.17

1+0

S	3.6
Crb	3.6
¼	4.0
M	3.7
+0.5	3.7
+2.5	3.7
+9.5	3.3
+12	2.8
¼	2.8
+3	3.6
+4	2.3
Crb	2.3
N	2.0

1+25

N	1.3
Crb	1.8
+1	1.8
+2	2.8
¼	1.9
+11.5	2.5
+18.5	2.5
+20.5	2.6
M	2.6
¼	2.8
Crb	2.5
S	2.8

1+50

S			1.5	
Crb			1.4	
¼			1.8	
M			1.6	
+0.5			1.6	
+2.5			1.5	
+9.5			1.4	
¼			1.2	
+3			2.0	
+4			1.1	
Crb			1.1	
N			0.3	
T.P.	10.25	91.85	0.57	81.60

1+75

N	9.4
Crb	10.0
+1	10.0
+2	10.7
¼	10.1
+11.5	9.9
+18.5	9.8
+20.5	10.2
M	10.2
¼	10.3
Crb	10.0
S	9.8

91.85

2+0 = W.L. 11th St. 80' wide Grade

S.	8.7
Curb	9.0
gtr	9.6
11/4	9.7
M	9.1
+0.5	9.1
+2.5	8.8
+9.5	9.0
11/4	9.4
gtr	9.7
Curb	8.9
N	8.7

W. curb

N	9.6
Curb	9.9
11/4	9.0
+11.5	8.7
+18.5	8.5
+20.5	8.8
M	8.8
11/4	9.4
Curb	9.5
S	9.6

W 11/4

S	9.5
Curb	9.3
11/4	9.1
M	8.6
+0.5	8.6
+2.5	8.3
+9.5	8.5
11/4	8.9
Curb	9.1
N	9.1

Center

N	8.2
Curb	8.1
11/4	7.9
+11.5	7.8
+18.5	7.8
+20.5	8.0
M	8.0
11/4	8.0
Curb	8.0
S	8.0

91.85

E 11+4

S	
Crk	8.1
11+9	7.8
N	7.7
+0.5	7.4
+2.5	7.4
+9.5	7.3
11+9	7.3
Crk	7.5
N	7.7
	7.2

E. CURVE

N	7.6
Crk	7.5
11+9	7.3
+11.5	7.2
+18.5	7.2
+20.5	7.2
N	7.2
11+9	7.2
Crk	7.7
S.	7.8
	7.7

E.L. 11+54

S	6.6
Crk	6.9
9+6	7.1
11+9	7.1
N	6.7
+0.5	6.7
+2.5	6.8
+9.5	6.8
11+4	7.0
9+6	7.2
Crk	6.9
N	6.5

0+25 E

N	2.6
+13	2.7
Crk	3.4
+4	6.0
11+9	5.7
+11.5	5.3
+18.5	5.3
+20.5	5.1
N	5.1
+3	3.7
1+4	3.7
Crk	3.7
S	3.4

		91.85		
		0+50		
S			2.7	
Crk			2.7	
11A			2.9	
+17			2.6	
M			3.7	
+0.5			3.7	
+2.5			3.7	
+9.5			3.7	
11A			4.1	
+1			4.6	
Crk			2.2	
+2			1.3	
N			1.1	
T.P.	10.75	101.95	0.65	91.20
		0+75		
N			10.0	
+12			10.2	
Crk			11.2	
+3			13.3	
11A			12.8	
+11.5			12.4	
+18.5			12.3	
+20.5			12.3	
M			12.3	
+3			11.6	
11A			12.1	
Crk			11.4	
S			11.7	

		1+0	
S			10.3
Crk			9.5
11A			9.9
+2			10.6
+17			10.5
M			10.9
+0.5			10.9
+2.5			10.9
+9.5			11.0
11A			11.2
+2			11.6
Crk			9.2
N			7.8
		1+25	
N			6.9
+12			7.1
Crk			7.9
+3			9.9
11A			9.6
+11.5			9.4
+18.5			9.3
+20.5			9.3
M			9.1
11A			8.1
Crk			7.3
S			8.2

	101.95	
	1+50	
S		7.4
curb		6.7
℄		6.9
+17		6.8
M		7.8
+0.5		7.9
+2.5		7.9
+9.5		7.9
℄		8.2
+3		8.6
curb		6.9
+2		5.7
N		5.1
	1+75	
N		3.7
curb		4.3
+3		7.1
℄		6.5
+11.5		6.2
+18.5		6.3
+20.5		6.2
M		6.2
+3		5.9
℄		5.6
curb		5.4
S		5.9

2+0 = W. L. 12th St 80' Wide

S		5.2
Curb		4.1
℄		3.5
+2		4.1
+16		3.9
M		4.8
+0.5		4.8
+2.5		5.2
+9.5		5.3
℄		5.3
+2		5.7
Curb		2.6
N		2.4
	W. Curb	
N.		4.9
Curb		4.8
℄		4.6
+11.5		4.7
+18.5		4.7
+20.5		4.9
M		4.9
℄		5.6
Curb		5.8
S		6.0

W 11A

S	6.1
Crb	5.6
11A	5.5
M	4.8
+0.5	4.8
+2.5	4.7
+9.5	4.7
11A	4.6
Crb	4.6
N	4.7

Center

N	4.2
Crb	4.6
11A	4.7
+11.5	4.7
+18.5	4.7
+20.5	4.7
M	4.7
11A	5.1
Crb	5.1
S	5.5

E 11A

S	5.9
Crb	5.5
11A	5.4
M	4.9
+0.5	4.9
+2.5	4.8
+9.5	4.9
11A	4.7
Crb	4.8
N	4.6

E. curb

N	4.9
Crb	5.0
11A	4.8
+11.5	4.8
+18.5	4.8
+20.5	4.8
M	4.8
11A	5.7
Crb	5.8
S	6.3

101.95

E.L. 12th St

S	5.3	96.7
Curb	5.5	96.5
gtr	5.9	96.1
"9	5.7	96.3
M	5.0	97.0
+0.5	4.9	97.1
+2.5	4.9	97.1
+9.5	4.9	97.1
"9	5.1	96.9
gtr	5.3	96.7
Curb	4.5	97.5
N	4.3	97.7
	0+25 E	
N	5.1	96.9
Curb	5.7	96.3
+1	6.5	
"9	6.2	95.8
+11.5	5.8	96.2
+18.5	5.7	96.3
+20.5	5.9	96.1
M	5.9	96.1
"9	6.8	95.2
gtr	7.0	95.0
S. Curb	6.5	95.5

Note - Curb & Sidewalk in on S. Side at 12th & 13th

101.95

0+50

S. Curb	7.6	94.4
gtr	8.3	93.7
"9	7.9	94.1
M.	6.8	95.2
+0.5	6.8	95.2
+2.5	6.7	95.3
+9.5	6.7	95.3
"9	7.0	95.0
+4	7.3	94.7
Curb	6.6	95.4
N	6.3	95.7
	0+75	
N	7.1	94.9
Curb	7.5	94.5
+1	8.2	93.8
"9	7.9	94.1
+11.5	7.7	94.3
+18.5	7.6	94.4
+20.5	7.7	94.3
M	7.7	94.3
"9	8.8	93.2
gtr	9.3	92.7
S. Curb	8.5	93.5

101.95

1+0

S. crk	9.4	92.6
gte	10.3	91.7
"g	9.8	92.2
N	8.6	93.4
+0.5	8.6	93.4
+2.5	8.5	93.5
+9.5	8.6	93.4
"g	9.0	93.0
+A	9.0	93.0
Crk	7.9	94.1
N	7.7	94.3

1+25

N	8.6	93.4
Crk	8.8	93.2
gte	9.3	92.2
"g	9.7	92.3
+11.5	9.3	927
+18.5	9.5	92.5
+20.5	9.6	92.4
N	9.6	92.4
"g	10.8	91.2
gte	11.3	90.7
S. crk	10.4	92.0

1+50

S. crk	11.5	90.5
gte	12.4	89.6
"g	12.0	90.0
N	10.6	91.4
+0.5	10.6	91.4
+2.5	10.4	91.6
+9.5	10.4	91.6
"g	10.6	91.4
+A	11.0	91.0
Crk	10.0	92.0
N	9.6	92.4

1+75

N	10.4	91.6
Crk	10.8	91.2
+1	11.6	90.4
"g	11.4	90.6
+11.5	11.4	90.6
+18.5	11.4	90.6
+20.5	11.5	90.5
N	11.5	90.5
"g	12.9	89.1
gte	13.2	88.8
S. Crk	12.6	88.4
T. P.	9.59 99.01	12.53 89.42

99.01

Graded.

240 = W.L. 13th St 80' wide

S. Curb	10.6	88.4
gtr	11.7	87.3
1/4	10.6	88.4
M	9.3	89.7
+0.5	9.3	89.7
+2.5	9.2	89.8
+9.5	9.1	89.9
1/4	8.7	90.3
gtr	10.1	88.9
Curb	8.6	90.4
N	8.4	90.6

W. Curb

N	8.6
Curb	8.8
1/4	9.0
+11.5	9.3
+18.5	9.3
+20.5	9.5
M	9.5
1/4	10.5
Curb	10.6
S	10.7

W 1/4

S	11.2
Curb	10.7
1/4	10.5
M	9.5
+0.5	9.5
+2.5	9.3
+9.5	9.3
1/4	8.8
Curb	8.7
N	8.9

Center

N	8.2
Curb	8.9
1/4	8.9
+11.5	9.3
+18.5	9.3
+20.5	9.3
M	9.3
1/4	10.0
Curb	10.2
S	10.7

E 1/4

S	11.1
crb	10.7
1/4	10.6
M	9.5
+0.5	9.5
+2.5	9.4
+9.5	9.3
1/4	8.8
Crb	8.6
N	8.4

E. Curb

N	8.6
crb	8.7
1/4	8.8
+11.5	9.3
+18.5	9.4
+20.5	9.6
M	9.6
1/4	10.4
crb	10.4
S	10.6

Note-Curb & sidewalk in on N. side bet 13th & 14th

99.0

E.L. 13th

S	10.0	89.0
crb	10.2	88.8
gte	11.2	87.8
1/4	10.4	88.6
M	9.3	89.7
+0.5	9.3	89.7
+2.5	9.2	89.8
+9.5	8.9	90.1
1/4	8.5	90.5
gte	9.9	89.1
N Crb	~~0+25~~ 8.6	90.4

0+25 E

N. crb	6.5	92.5
gte	7.5	91.5
1/4	7.3	91.7
+11.5	7.5	91.5
+18.5	7.4	91.6
+20.5	7.5	91.5
M	7.5	91.5
1/4	8.8	90.2
+4	9.1	89.9
crb	8.4	90.6
S	8.0	91.0

99.01

0+50

3	5.9	93.1
Crk +1	6.9	92.6
"	7.1	91.9
"	6.7	92.3
M	5.2	93.8
+0.5	5.2	93.8
+2.5	5.1	93.9
+9.5	5.1	939
"	5.3	93.7
gte	5.5	93.5
N. Crk	4.3	94.7

0+75

N. Crk	2.2	96.8
gte	3.0	96.0
"	2.9	96.1
+11.5	2.8	96.2
+18.5	2.7	96.3
+20.5	2.9	96.1
M	2.9	96.1
"	4.6	94.4
+4 Crk	5.0	94.0
"	4.2	94.8
5	3.9	95.1

1+0

5			7.0	97.0
Crk +1			2.7	96.8
"			3.0	96.0
"			2.4	96.6
M			0.8	98.2
+0.5			0.8	98.2
+2.5			0.7	98.3
+9.5			0.7	98.3
"			0.7	98.3
gte			0.9	98.1
N. Crk			0.1	
T.P.	9.55	108.20	0.36	98.65

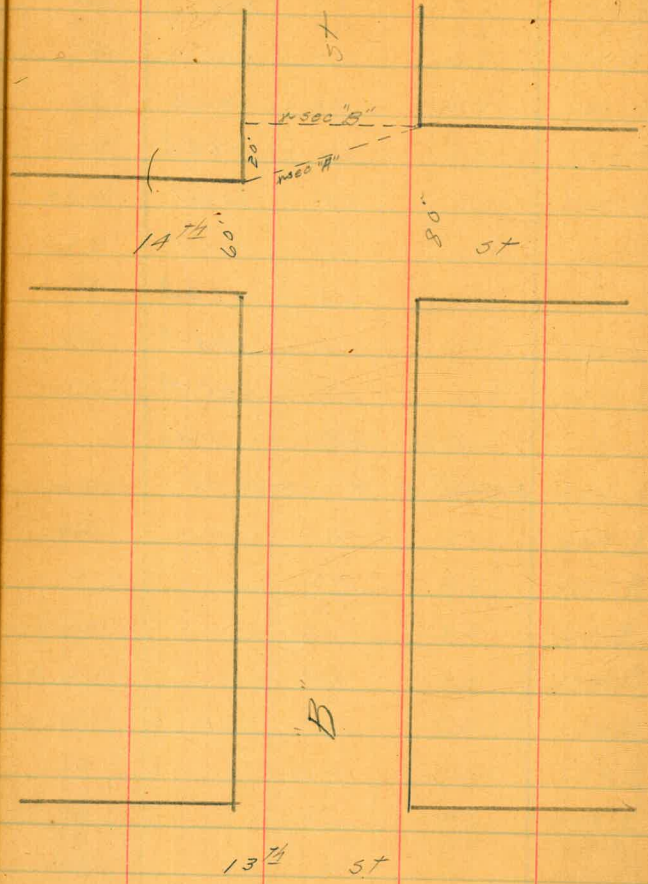
1+25

N. Crk	7.2	101.1
gte	7.8	100.4
"	7.7	1005
+11.5	7.8	100.4
+18.5	7.8	100.4
+20.5	7.9	100.3
M	7.9	100.3
"	9.3	98.4
+4 Crk	9.9	98.3
"	9.2	99.0
5	7.0	99.2

		108.20		
		1+50		
S			6.6	101.6
Crb			7.0	101.2
+1			7.6	100.6
1/4			6.9	101.3
M			5.8	102.4
+0.5			5.8	102.4
+2.5			5.7	102.5
+9.5			5.7	102.5
1/4			5.6	102.6
gtr			5.7	102.5
N. Crb			5.0	103.2
		1+75		
N. Crb			2.9	105.3
gtr			3.6	104.6
1/4			3.3	104.9
+11.5			3.4	104.8
+18.5			3.4	104.8
+20.5			3.5	104.7
M			3.5	104.7
1/4			4.6	103.6
+4			5.0	103.2
Crb			4.7	103.5
S			4.4	103.8

2+0 = W.L. 14th St 60' on N & 80' on S Graded

S			2.6	105.6
Crb			2.8	105.4
+1			3.0	105.2
1/4			2.6	105.6
M			1.6	106.6
+0.5			1.6	106.6
+2.5			1.5	106.7
+9.5			1.5	106.7
1/4			1.4	106.8
gtr			1.5	106.7
N. Crb			0.8	107.4
T.P.	11.32	118.74	0.78	107.42
		X-section "A" see P 29		
N			7.1	
+3			8.6	
+12			8.5	
Crb			9.3	
1/4			10.3	
M			9.9	
1/4			10.9	
Crb			11.2	
+12			10.9	
S			8.6	



118.74

2/7/10 Quackle
Shaw
Evans.

x-section "B"

S			8.6	
+5'			10.5	
+7			7.9	
crb			5.9	
1/4			6.5	
M			6.9	
1/4			7.5	
crb			6.2	
+12			4.6	
N			2.5	
		0+25 E. of x-sec "B"		
N			+ 0.7	
crb			2.1	
1/4			3.4	
M			4.3	
+8			3.7	
1/4			4.8	
crb			4.9	
S			6.5	11 22
T.P.	11.91	129.27	1.38	117.36

	129.27		
	0+50		
S		15.3	114
+7		14.1	
crk		13.6	
"4		13.5	
+7		12.4	
M		12.7	
"4		11.7	
crk		9.1	
+2		8.3	
N		7.1	
	0+75		
N		4.5	
+1		6.0	
+11		6.3	
crk		7.7	
"4		9.5	
+6		10.5	
M		10.8	
+10		10.9	
"4		11.8	
crk		12.0	
+6		12.2	
+8		13.1	
S		13.2	1161

	1+0		
S		10.5	118.8
+4		10.7	
+7		9.9	
crk		10.3	
"4		9.9	
+11		8.7	
M		9.3	
+10		9.6	
+14		8.4	
"4		8.0	
crk		6.5	
+2		5.9	
+13		4.9	
N		3.6	
	1+25		
N		2.3	
+2		3.5	
crk		5.7	
"4		6.2	
+6		6.5	
+8		7.5	
M		7.7	
+10		7.0	
"4		6.9	
crk		7.1	
+6		7.8	
+7		8.7	
S		9.0	1203

	1+50		
S		7.8	121.8
+4		7.7	
+5		6.7	
+10		6.0	
Crk		6.1	
1/4		6.1	
+16		5.4	
M		5.8	
1/4		5.0	
+3		4.6	
Crk		3.7	
+2		3.3	
+13		1.8	
N		0.9	
	1+75		
N		+0.8	
+1		0.0	
Crk		2.3	
1/4		3.8	
+15		4.7	
M		3.8	
1/4		5.5	
Crk		6.0	
S		7.0	122.0

	2+0		
S		7.0	122.3
Crk		5.5	
1/4		5.0	
M		3.7	
+11		4.3	
+13		3.6	
Crk		3.0	
+5		0.5	
N		+1.1	
	2+25		
N		0.6	
Crk		1.5	
+3		2.2	
1/4		2.3	
M		3.2	
1/4		5.7	
Crk		6.1	
S		6.9	122.4

		129.27		
		2+50		
S			8.3	121
Crk			7.9	
1/4			7.3	
M			4.9	
1/4			4.5	
Crk			4.2	
N			4.0	
		2+75		
N			7.6	
+2			8.7	
Crk			8.6	
1/4			8.7	
M			8.7	
+12			9.3	
1/4			11.0	
Crk			11.4	
S			11.7	117.6

		3+0		
S			13.7	115.6
Crk			15.3	
1/4			15.0	
M			12.8	
1/4			11.8	
Crk			12.0	
N			11.9	
T.P.1	111.0	117.41	12.96	116.31
		3+25		
N			6.0	
Crk			5.7	
1/4			5.6	
M			5.2	
+9			5.8	
1/4			7.2	
Crk			7.5	
S			7.2	110.2

		117.41		
		3+50		
S			111	106.3
Crk			11.2	
11/4			11.1	
+8			10.4	
1M			9.8	
11/4			10.3	
Crk			10.0	
N			10.0	
T.P.	0.67	105.08	13.00	104.41
		3+75		
N			2.1	
Crk			1.9	
11/4			2.0	
M			1.5	
+9			1.9	
11/4			2.9	
Crk			2.2	
S			1.6	103 ✓

		4+0 = M.L.	15TH 88'	Graded.
S			4.6	100.5
Crk			6.1	
11/4			6.0	
N			4.5	
11/4			4.6	
Crk			4.1	
N			4.2	
		E.L. 15TH		
N			11.9	
Crk			12.2	
11/4			12.6	
M			11.9	
11/4			12.7	
Crk			12.1	
S			11.9	
T.P.	1.03	93.60	12.51	92.57

93.60

0+10 E of 15th

S	6.0
crk	7.0
1/4	7.6
M	8.2
1/4	8.0
+3	8.0
crk	7.0
N	1.6

0+25

N	9.3
+5	10.4
crk	10.4
1/4	10.7
M	10.6
1/4	9.7
crk	9.2
S	8.5

0+50

S			12.7	
crk			13.6	
1/4			13.7	
M			12.7	
1/4			14.0	
crk			14.6	
N			14.6	
T.P.	0.17	81.26	12.51	81.09

.0+75

N	5.9
crk	5.0
1/4	5.1
M	4.0
+7	3.5
1/4	3.8
crk	4.0
S	3.3

81.26

1+00

S	6.2
Crk	7.2
¼	7.5
M	7.9
¼	6.7
Crk	7.6
N	7.0

1+25

N	7.2
+6	7.5
Crk	9.3
¼	9.2
M	8.8
¼	9.7
Crk	9.5
S	9.9

1+50

S	11.1
Crk	10.2
¼	10.4
M	9.8
¼	10.3
Crk	10.0
N	7.6

1+75

N	7.7
+5	8.1
+10	9.8
Crk	10.0
¼	10.1
M	9.9
¼	10.9
Crk	11.0
S	11.1

81.26

GB

2+0 = W.L. 16th St Girded.

S	10.8
Crk	10.3
1/4	11.4
M	9.9
1/4	8.7
Crk	8.2
N	7.3

E.L. 16th St

N	4.9
Crk	5.9
1/4	6.0
M	8.1
1/4	9.6
Crk	9.6
S	9.6

0+25 E

S	9.6
Crk	8.8
1/4	8.3
M	6.2
1/4	4.5
Crk	4.1
N	2.6

0+50

N	1.9
Crk	2.9
1/4	3.9
M	5.2
1/4	7.3
Crk	8.1
S	9.0

0+75

S	8.9
Crk	5.0
1/4	6.9
M	9.8
1/4	3.1
Crk	2.4
N	1.4

81.26

1+00

N	2.2
crb	3.3
1/4	3.7
M	4.5
1/4	7.1
crb	7.8
S	8.6

1+25

S	8.5
crb	7.4
1/4	6.5
M	4.5
1/4	3.1
crb	3.0
N	2.0

1+50

N	2.2
crb	2.7
1/4	3.0
M	4.8
1/4	7.1
crb	7.5
S	8.3

1+75

S	10.0
crb	8.9
1/4	8.5
M	6.0
1/4	3.7
crb	3.2
N	2.3

2+00 = M.L. 17° St 80' wide

N	3.0
crb	4.1
1/4	4.7
M	7.2
1/4	9.2
crb	9.6
S	11.0

T.P.	1.83	74.60	3.49	72.77

M.C. on L

S	5.1
crb	3.7
1/4	3.3
M	1.4
1/4	+1.4
crb	+2.0
N	+2.1

74.60

W ¼

N	+2.6
crb	+1.7
¼	+1.0
M	1.9
¼	3.4
crb	3.8
S	5.0

Center

S	4.9
crb	4.5
¼	4.3
M	2.9
¼	0.7
crb	0.2
N	+1.0

E ¼

N	1.1
crb	1.7
¼	2.0
M	3.9
¼	4.7
crb	5.2
S	5.8

E. curb

S	5.8
crb	5.3
¼	6.0
M	3.9
¼	1.8
crb	1.7
N	1.4

E. L. 17th St

N	1.5
crb	2.5
¼	2.4
M	4.2
¼	5.0
crb	5.4
S	6.2

0+75 E of 17th St

S	6.4
crb	6.1
¼	5.9
M	4.9
¼	4.1
crb	4.0
N	2.8

0+50

N	2.4
+3	3.5
curb	4.6
11-4	5.2
M	6.6
11-4	8.1
curb	8.4
S	9.4

0+75

S	6.3
curb	6.4
11-4	6.7
M	7.0
11-4	6.0
curb	5.8
N	4.0

1+0

N	3.8
Crb	4.9
11-4	5.4
M	5.3
11-4	5.3
Crb	5.4
S	6.2

1+25

S	6.5
Crb	5.5
11-4	5.3
M	4.4
11-4	3.9
Crb	3.5
N	3.6

1+50

N	3.6
Crb	3.6
11-4	4.1
M	4.7
11-4	5.6
Crb	6.0
S	6.7

1+75

S	7.0
Crb	6.2
11-4	6.3
M	5.3
11-4	5.0
Crb	4.1
N	3.9

77.60

2+00 = W.L. 18th St 80' Graded.

N	4.1
Crk	5.1
1/4	6.5
M	6.8
1/4	6.6
Crk	7.9
S	8.0
E.L. 18th St	
S	8.5
Crk	8.5
1/4	9.3
+1	9.5
M	7.5
1/4	6.5
Crk	6.4
N	5.9

0+25' E

N	6.1
Crk	6.5
1/4	6.7
M	7.6
1/4	8.7
Crk	8.3
S	8.7
0+50	
S	8.7
Crk	8.2
1/4	8.2
M	7.5
1/4	7.1
Crk	6.8
N	6.1
0+75	
N	6.5
Crk	7.0
1/4	7.4
M	8.4
1/4	9.4
Crk	9.7
S	9.5
T.P.	2.36 67.96 8.96 65.60

67.96

1+0

S	4.6
crb	4.6
1/4	4.4
M	4.4
1/4	2.6
crb	2.4
N	1.3

1+25

N	8.0
crb	8.3
1/4	8.5
M	8.9
1/4	7.2
+3	6.8
crb	6.9
S	7.9

1+50

S	9.2
crb	9.1
1/4	9.4
M	9.2
1/4	8.7
crb	8.6
N	8.3

1+75

N	8.6
crb	8.9
1/4	8.9
M	9.6
1/4	9.8
crb	9.7
S	9.5

2+0 = W.L. 19th St 80' wide

S	10.2
crb	10.3
1/4	10.5
M	10.0
1/4	9.3
crb	9.0
N	8.5

W. Curb

N	8.8
crb	9.8
1/4	10.0
M	10.2
1/4	10.5
crb	10.6
S	10.7

6.7.96

W 1/4

S	10.7
eb	10.4
1/4	10.3
cen	10.2
1/4	10.1
cb	10.0
N	9.8

center

N	8.9
c	9.3
1/4	9.9
cen	10.8
1/4	11.0
cb	11.2
S	11.5

E 1/4

S	12.7
cb	12.9
1/4	13.0
cen	9.9
1/4	9.6
cb	12.9
N	11.7

E cb

N	12.7
cb	9.6
1/4	9.6
cen	11.9
1/4	11.4
cb	11.1
S	11.0

E LINE 19th St

S	11.4
cb	11.4
1/4	11.5
cl	11.4
1/4	11.9
cl	12.4
N	11.8

0 + 25

N	10.4
cb	10.8
1/4	10.8
cen	11.1
1/4	10.8
cb	10.8
S	10.6

	0+50	
S		9.1
cb		9.1
1/4		9.3
cen		9.9
1/4		9.9
cb		9.8
N		10.1
	0+75	
N		8.8
cb		8.6
1/4		8.5
cen		8.6
1/4		8.6
cb		8.6
S		8.6
	1+00	
S		8.4
cb		8.4
1/4		8.2
cen		8.1
1/4		7.7
cb		7.8
N		7.7

	1+25	
N		6.2
cb		6.5
1/4		6.7
cen		7.7
1/4		7.6
cb		7.8
S		7.9
	1+50	
S		6.7
cb		7.0
1/4		7.2
cen		6.9
1/4		6.5
cb		6.2
N		5.2
	1+75	
N		4.4
cb		4.8
1/4		4.9
cen		5.6
1/4		4.9
cb		4.4
S		3.7

	W LINE 20th St
9	1.3
cb	1.6
1/4	2.0
cen	2.8
1/4	3.7
cb	3.6
N	3.8

1.

Cross-section	31st st Webster to Clay				3/7/10 Dunkle
	" 60' wide				Shane
	5' quarters				Evans
B.M. R.R. Spk 31st & "M"				76.62	
B.M.	2.79	79.41			
T.P.	7.80	81.07	6.14	73.27	
		S.L. Webster			
E			7.8	73.3	
Crb			8.9	72.2	
1/4			9.2	71.9	
+ 10.4 = 2' E of E. rail Calif. So. R.R.			8.6	72.5	
M = ctr Track.			8.3		
+4.6 = 2' W. of W. rail " " " "			8.9	72.2	
+12			9.4	71.7	
1/4			8.2	72.9	
Crb			8.2	72.9	
W			8.5	72.6	
		0+25 S of Webster			
W			8.4	72.7	
Crb			8.4	72.7	
1/4			8.4	72.7	
+4			9.4	71.7	
+10.4			9.3	71.8	
M			8.6		
+4.6			9.1	72.0	
+8			9.4	71.7	
+10			8.6	72.5	
1/4			8.2	72.9	
Crb			8.1	73.0	
E			6.3	74.8	

		0+50		
E			5.9	75.2
Crb			6.4	74.7
1/4			6.9	74.2
+4			7.8	73.3
+6			9.6	71.5
+10.4			9.7	71.4
M			9.1	
+4.6			9.9	71.2
+9			9.6	71.5
+11			8.4	72.7
1/4			8.0	73.1
Crb			8.0	73.1
W			8.2	72.9
		0+75		
W			8.0	73.1
Crb			7.8	73.3
1/4			7.6	73.5
+4			7.6	73.5
+7			10.1	70.0
				69.9
+10.4			10.2	69.9
M			9.6	70.5
+4.6			10.2	69.9
+7			10.2	69.9
1/4			4.0	77.1
Crb			3.7	77.4
E			3.8	77.3

81.1

1+00

E	3.7	77.4
+6	2.8	78.3
crb	3.1	78.0
1/4	3.7	77.4
+3	4.1	77.0
+9	11.0	70.1
+10.4	10.9	70.2
M	10.1	
+4.6	10.8	70.3
+7	10.7	70.4
+10	6.5	74.6
1/4	6.4	74.7
crb	6.6	74.5
W	7.6	73.5

1+25

W	7.5	73.6
crb	6.4	74.7
1/4	6.5	74.6
+2	6.8	74.3
+6	11.0	70.1
+10.4	11.0	70.1
M	10.7	
+9.6	11.3	69.8
+6	11.1	70.0
+7	10.2	70.9
1/4	3.7	76.4
crb	3.0	78.1
+6	2.9	78.7
E	3.3	77.8

1+50 81.1

E	3.0	78.1
+5	1.7	79.4
crb	2.9	78.2
1/4	4.3	76.8
+1	4.8	76.3
+9	11.4	69.7
+10	11.9	69.2
+10.2	11.8	69.3
M	11.3	69.8
+4.6	11.8	69.3
+6	11.6	69.5
+12	6.6	74.5
1/4	6.0	75.1
crb	5.7	75.4
W	6.5	74.6

1+75

W	6.1	75.0
crb	5.8	75.3
1/4	5.8	75.3
+3	7.2	73.9
+9	11.9	69.2
+10.4	12.1	69.0
M	11.8	69.3
+4.6	12.9	68.7
+6	12.5	68.6
+7	11.9	69.2
1/4	4.4	76.7
crb	3.0	78.1
+5	1.2	79.9
E	2.8	78.3

81.07

2+00

E			3.6	77.5
+6			2.2	78.9
crk			3.1	78.0
1/4			4.4	76.4
+1			5.1	76.0
+8			12.4	68.7
+9			13.2	67.9
+10.4			12.9	68.2
M			14.4	
+4.6			12.4	67.7
+1.3			5.9	75.2
1/4			5.0	76.1
crk			4.9	76.2
+8			5.2	75.9
W			5.8	75.3

2+25

W			5.6	75.5
+2			5.2	75.9
crk			5.0	76.1
1/4			5.3	75.8
+9			12.9	68.2
+10.4			13.2	67.9
M			12.9	
+4.6			13.5	67.6
+6			13.7	67.4
+7			12.7	68.4
+14			6.5	74.7
1/4			5.8	75.3
crk			4.8	76.3
+3			4.4	76.7
E			6.0	75.1
T. P.	3.84	76.68	8.23	72.84

76.68

2+50

E			2.9	74.8
+5			1.0	75.7
crk			1.4	75.3
1/4			2.5	74.2
+1			3.1	73.6
+5			7.8	68.9
+7			9.2	67.5
+8			9.9	66.8
+10.4			9.7	67.0
M			9.1	
+4.6			9.1	67.6
1/4			2.7	74.0
crk			2.9	73.8
W			3.0	73.7

2+75

W			4.1	72.6
crk			4.0	72.7
1/4			4.2	72.5
+3			5.3	72.4
+9			9.7	67.0
+10.4			9.9	66.8
M			9.7	67.0
+4.6			10.1	66.6
+6			10.3	66.4
+7			9.4	67.3
+13			8.2	68.5
+13			4.9	71.8
1/4			4.5	72.2
crk			3.7	73.0
+4			3.9	72.8
E			4.7	72.0

76.68

3+6 = N.L. Clay Arc

E	7.1	69.6
+1	5.8	70.9
Crk	5.8	70.9
"4	6.3	70.4
+2	6.9	69.8
+6	9.8	66.9
+7	10.7	66.0
+10.4 = 2' E of E. Rail	10.6	66.1
M	10.1	
+9.6 = 2' W of W. Rail	9.9	66.8
"4	5.6	71.1
Crk	5.2	71.5
W	5.2	71.5

x-section Nutmeg 5th st to Park
" 80' wide 14' sidewalk
5' quarters

3/7/10 Dunkle
Thane
Evans.

B.M. brass p/g 5th & Nutmeg 264.94

B.M. 3.55 268.49

E.L. 5th

N			2.4	266.1
crb			3.4	265.1
1/4			3.5	265.0
M			4.0	264.5
1/4			4.5	264.0
crb			4.4	264.1
S			4.1	264.4
		0+25' E		
S			4.7	263.8
crb			4.8	263.7
+1			5.3	263.2
1/4			5.0	263.5
M			3.9	264.6
1/4			3.9	264.6
crb			3.6	264.9
N			2.9	265.6

		0+50		
N			2.8	265.7
crb			3.8	264.7
1/4			3.9	264.6
M			3.9	264.6
1/4			4.9	263.6
+4			5.2	263.3
crb			4.6	263.9
S			4.8	263.7
		0+75		
S			4.5	264.0
+11			4.4	264.1
crb			5.0	263.5
1/4			4.7	263.8
M			3.9	264.6
1/4			4.1	264.4
+4			4.1	264.4
crb			3.6	264.9
N			3.0	265.5

	268.5	
	1+00	
N	3.4	265.1
Crk	3.5	265.0
+1	4.1	264.4
1/4	4.1	264.4
M	4.0	264.5
1/4	4.7	263.8
Crk	4.9	263.6
+1	4.4	264.1
S	4.8	263.7
	1+25	
S	4.7	263.8
+11	4.7	263.8
Crk	5.1	263.4
1/4	4.9	263.6
M	4.2	264.3
1/4	4.2	264.3
+4	4.6	263.9
Crk	4.3	264.2
N	4.1	264.4

	1+50	
N	3.9	264.6
+2	5.0	263.5
Crk	5.0	263.5
+1	5.5	263.0
1/4	5.7	264.8
M	5.7	264.8
1/4	6.0	262.5
Crk	5.8	262.7
S	5.9	262.6
1+86 ons 2 1+86.5 on N = Park Line		
S	8.4	260.1
Crk	8.3	260.2
+1	8.9	259.6
1/4	8.8	259.7
M	8.4	260.1
1/4	8.1	260.4
+3	8.1	260.4
Crk	7.5	261.0
N	7.3	261.2

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

MINUTES.	LKS.	MINUTES.	LKS.	MINUTES.	LKS.
1	2⅓	21	49	41	95⅔
2	4⅔	22	51⅓	42	98
3	7	23	53⅔	43	100⅓
4	9⅓	24	56	44	102⅔
5	11⅔	25	58⅓	45	105
6	14	26	60⅔	46	107⅓
7	16⅓	27	63	47	109⅔
8	18⅔	28	65⅓	48	112
9	21	29	67⅔	49	114⅓
10	23⅓	30	70	50	116⅔
11	25⅔	31	72⅓	51	119
12	28	32	74⅔	52	121⅓
13	30⅓	33	77	53	123⅔
14	32⅔	34	79⅓	54	126
15	35	35	81⅔	55	128⅓
16	37⅓	36	84	56	130⅓
17	39⅔	37	86⅓	57	133
18	42	38	88⅔	58	135⅓
19	44⅓	39	91	59	137⅔
20	46⅔	40	93⅓	60	140

TABLE FOR RUNNING ON SLOPES.

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

ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS	ANGLE	COR. IN LINKS
°		°		°		°	
4	0.24	11	1.88	18	5.14	25	10.54
5	0.38	12	2.24	19	5.76	26	11.26
6	0.55	13	2.63	20	6.42	27	12.24
7	0.76	14	3.06	21	7.11	28	13.37
8	0.98	15	3.53	22	7.85	29	14.34
9	1.24	16	4.02	23	8.64	30	15.47
10	1.55	17	4.56	24	9.47	35	22.07