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

LEVEL BOOK

400

F.B. 340

H. S. CROCKER COMPANY

DRAWING MATERIALS AND SURVEYING INSTRUMENTS

SAN FRANCISCO

340

TABLES FOR EXCAVATIONS AND EMBANKMENTS

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING

Roadway 18 Feet Wide. Side Slopes 1 to 1.
For Single Track Excavation.

"Copyright, 1895, by Kueffel & Esser Co."

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	0
1	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	1
2	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	2
3	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	3
4	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	4
5	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	5
6	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	6
7	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	7
8	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	8
9	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	9
10	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	10
11	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	11
12	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	12
13	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	13
14	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	14
15	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	15
16	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	16
17	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	17
18	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	18
19	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	19
20	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	20
21	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	21
22	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	22
23	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	23
24	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	24
25	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	25
26	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	26
27	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	27
28	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	28
29	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	29
30	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	30
31	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	31
32	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	32
33	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	33
34	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	34
35	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	35
36	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.

MICROFILMED
1964

FB # 340 PAGE

NEWTON AVE; 16th to --- 1-9
PUEBLO LINE. X-SECTION.

NEWTON AVE; 16th to -- 11-54
SAMPSON. X-SECTION

10th St.; B to ASH — 55-64
X-SECTION.

NEWTON AVE. —— 65-72
X-SECTION
(SAMPSON to SICCARD.)

FROM
Loring's Book Store
SAN DIEGO, CAL.

X-Section Newton Ave from W.L. ~~[illegible]~~ 4/7/08
16th St to Pueblo Line.

	+ R	H. I.	- R	
				B.M. Hitch post N.E. Cor 16th & Logan 14.00
B.M.	0.51	14.51		14.00
	2.58	6.75	10.34	4.17
	W.L.	16th St.		
N			8.1	-1.3
Crb			8.2	-1.4
1/4			8.0	-1.2
+ 7			4.7	2.1
+ 9. = 2' N of N. Rail			4.7	2.1
+ 11.5 = N Rail			4.1	2.7
M			4.1	2.7
+ 4 = 2' S. of S. Rail			4.7	2.1
+ 8			4.7	2.1
1/4			7.5	-0.7
+ 1			8.0	-1.2
Crb			8.7	-1.9
S			9.5	-2.7

POSTED

Dunkle
Shaw
Lambert

0 + 25' W.

S	9.2	-2.4
Crb	9.0	-2.2
1/4	8.0	
+ 6	4.9	1.9
+ 8 = 2' S. of S. Rail	4.9	1.9
M	4.3	2.5
N. Rail	4.2	2.6
+ 4 = 2' N of N Rail	4.9	1.9
+ 6	4.8	2.0
1/4	8.3	-1.6
Crb	8.1	-1.3
N	8.1	-1.3

0 + 50 W

POSTED

N	6.8	0.0
Crb	7.2	-0.4
1/4	8.4	-1.6
+ 6	4.8	2.0
+ 9 = 2' N of N Rail	4.9	1.9
- Rail	4.4	2.4
M	4.4	2.4
+ 5	4.9	1.9
+ 8	5.0	1.8
1/4	8.0	-1.2
Crb	8.7	-1.9
S	9.4	-2.6

6.75

0+75' W

S.	9.4	-2.6
crb	8.6	-1.8
1/4	8.3	-1.5
+5	4.8	2.0
+8 = 2's of r	4.9	1.9
M	4.4	2.4
N. rail	4.4	2.4
+4	4.8	2.0
+7	4.5	2.3
1/4	8.1	-1.3
crb	6.3	0.5
N	6.3	0.5

1+00 W

N	6.6	0.2
crb	6.7	0.1
1/4	7.9	-1.1
+8	4.7	2.1
+9.0	4.8	2.0
N. rail	4.3	2.5
M	4.4	2.4
+5 = 2's of S. rail	4.8	2.0
+7	4.7	2.1
1/4	8.2	-1.4
crb	8.7	-1.9
S	9.4	-2.6

1+25' W

S	9.4	-2.6
crb	8.6	-1.8
1/4	8.2	-1.4
+5	5.1	1.7
+8 = 2's of r	4.8	2.4
M	4.3	2.5
N. rail	4.3	2.5
+4	4.3	2.5
+7	4.5	
1/4	8.2	-1.4
crb	7.4	-0.6
N	7.2	-0.4

1+50

N	8.2	-1.4
crb	8.3	-1.5
1/4	8.3	-1.5
+7	4.5	2.3
+9	4.8	
N. R	4.2	2.6
M	4.3	2.5
+5 = 2's of S. rail	4.8	2.0
+8	4.7	2.1
1/4	8.2	-1.4
crb	8.7	-1.9
S	9.4	-2.6

6.75

1+75 W

S	9.1	-2.3
crb	8.8	-2.0
+11	8.1	-1.3
1/4	6.9	-0.1
+4	4.5	2.3
+8	4.8	2.0
M	4.3	2.5
N. Rail	4.2	2.6
+4	4.4	2.4
+8	4.2	2.6
1/4	8.2	-1.4
crb	8.3	-1.5
N	8.3	-1.5

2+00

N	8.4	-1.6
crb	8.3	-1.5
1/4	8.1	-1.3
+8	3.8	3.0
+9	4.5	2.3
N. Rail	4.2	2.6
M	4.3	2.5
+5	4.7	2.1
+8	4.2	2.6
1/4	6.7	0.1
+3	8.4	-1.6
crb	8.7	-1.9
S	9.3	-2.5

2+25

S	9.7	-2.9
crb	8.6	-1.8
+10	8.3	-1.5
1/4	6.7	0.1
+4	4.6	2.2
+8 = 2's of r	4.8	2.0
M	4.3	2.5
N. Rail	4.2	2.6
+4	4.8	2.0
+6	4.0	2.8
1/4	8.1	-1.3
crb	8.3	-1.5
N	8.3	-1.5

2+50

N	8.3	-1.5
crb	8.3	-1.5
1/4	8.4	-1.6
+7	3.9	2.9
+9 2 N of N. rail	4.5	2.3
N. Rail	4.2	2.6
M	4.2	2.6
+5 = 2's of S. rail	4.6	2.2
+8	3.9	2.9
1/4	6.8	0.0
+3	8.1	-1.3
crb	8.2	-1.8
S	9.6	-2.8

6.75 H.I.

2+75

S	9.7	-2.9
crb.	8.7	-1.9
+11	8.1	-1.3
1/4	6.9	-0.1
+5	4.6	2.2
+8 = 2'	4.7	2.1
M	4.2	2.6
N. Rail	4.2	2.6
+4 = 2'	4.7	2.1
+7	4.7	2.1
1/4	8.3	-1.5
crb	8.1	-1.3
N	8.3	-1.5

3+00

N	8.2	-1.4
crb	8.1	-1.3
1/4	8.2	-2.4
+5	4.7	2.1
+9 = 2'	4.7	2.1
N. Rail	4.2	2.6
M.	4.3	2.5
+5 = 2'	4.7	2.1
+9	4.7	2.1
1/2 1/4	7.7	-0.9
crb	8.4	-1.6
S	9.6	-2.8

3+25

S	9.6	-2.8
crb	8.6	-1.8
1/4	8.0	-1.2
+4	4.8	2.4
+8 = 2'	4.8	2.0
M	4.3	2.5
N. Rail	4.2	2.6
+3.5	4.8	2.0
+6	4.6	2.2
1/4	8.0	-1.2
crb	8.2	-1.4
N	8.1	-1.3

3+50

N	8.1	-1.3
crb	8.1	-1.3
1/4	8.1	-1.3
+6	4.8	2.0
+9.5 = 2'	4.6	2.2
N. Rail	4.2	2.6
M	4.2	2.6
+5 = 2'	4.7	2.1
+9	4.8	2.0
1/4	8.3	-1.5
crb	8.6	-1.8
S	9.6	-2.8

		6.75 H.I.		
		3+75		
S			9.5	-2.7
crb			8.5	-1.7
+9			7.6	-0.8
1/4			6.3	0.5
+4			4.5	2.3
+8 = 2'			4.5	2.3
M			4.2	2.6
N.R.			4.1	2.7
+3.5 = 2'			4.5	2.3
+7			4.5	2.3
1/4			8.1	-1.3
crb			8.1	-1.3
N			8.1	-1.3
		4+00		
N			8.1	-1.3
crb			8.1	-1.3
1/4			8.1	-1.3
+2			4.5	1.3
+9.5 = 2			4.3	1.5
N.R.Z.L			4.1	2.7
M.			4.2	2.6
+5 = 2'			4.6	2.2
+9			4.7	2.1
1/4			6.8	0.0
+2			8.2	-1.4
crb			8.7	-1.9
S			9.5	-2.7

		6.75 = H.I		
		4+25		
S			9.5	-2.7
crb			8.7	-1.9
+10			8.4	-1.6
1/4			6.8	0.0
+4			4.5	2.3
+8 = 2'			4.5	2.3
M			4.1	2.7
N.R.Z.L			4.0	2.8
+3.5			4.5	2.3
+6			4.3	2.5
1/4			8.1	1.3
crb			7.8	-1.0
N			8.0	-1.2
T.P.	6.80	5.82	7.73	-0.98
		4+50		
N			7.1	-1.3
crb			7.1	-1.3
1/4			7.0	-1.3
+6			3.5	2.3
+9.5 = 2			3.7	2.1
N.R.Z.L			3.1	2.7
M			3.2	2.6
+5 = 2'			3.7	2.1
+9			3.6	2.2
1/4			7.3	-1.5
crb			7.9	-2.1
S			8.1	-2.3

5.82

4+75

S	8.8	-2.5
crb	7.9	-2.1
+10	7.2	-1.4
1/4	5.6	0.2
+ 4	3.5	2.3
+ 8 = 2'	3.5	2.3
M	3.2	2.6
N. R	3.1	2.7
+ 3.5	3.5	2.0
+ 6	3.7	2.1
1/4	6.8	-1.0
crb	7.0	-1.2
N	7.1	-1.3

5+00

N	7.0	-1.2
crb	6.9	-1.1
1/4	6.7	-0.9
+ 6	3.8	2.6
+ 9.5 = 2'	3.9	1.9
N. Rail	3.2	2.6
M	3.2	2.6
+ 5 = 2'	3.9	2.1
+ 9	3.7	2.1
1/4	5.5	0.3
+ 3	7.3	-1.5
crb	7.9	-2.1
S	8.1	-2.3

5+25

S	8.5	-2.5
crb	7.6	-1.8
+10	7.3	-1.5
1/4	5.8	0.0
+ 4	3.5	2.3
+ 8 = 2'	3.6	2.2
M	3.3	2.5
N. Rail	3.2	2.6
+ 3.5	3.9	1.9
+ 6	3.7	2.1
1/4	6.4	-0.6
crb	6.6	-0.8
N	7.0	-1.2

5+50

N	6.9	-1.1
crb	6.8	-1.0
1/4	7.7	-1.9
+ 6	3.7	2.1
+ 9.5 = 2	3.8	2.0
N. Rail	3.3	2.5
M	3.4	2.4
+ 5 = 2'	3.6	2.2
+ 10	3.5	2.5
1/4	5.4	0.4
+ 4	7.4	-1.6
crb	7.8	-2.0
S	7.6	-1.8

5.82

5+75

S	7.5	-1.7
crk	7.8	-2.0
+7	7.4	-1.6
1/4	5.4	0.4
+4	3.5	2.3
+ 8 = 2'	3.5	2.3
M	3.3	2.5
N. Rail	3.4	2.4
+3 5 = 2'	4.0	1.8
+ 6	4.0	1.8
1/4	6.8	-1.0
crk	6.6	-0.8
N	6.6	-08

6+0 0

N	6.5	-0.7
crk	6.3	-05
1/4	6.6	-0.8
+5	3.9	1.9
+9 = 2'	4.0	1.8
N. Rail	3.4	2.4
M	3.4	2.4
+5 = 2'	3.4	2.4
+9 =	3.4	2.4
1/4	5.3	0.5
+3	7.0	-1.2
crk	7.6	-1.8
S	8.4	-2.6

6 + 2 5

S	7.2	-1.4
crk	7.6	-1.8
+9	7.4	-1.6
1/4	6.0	-0.2
+7	3.4	2.4
+8 = 2' 5 of S. rail	3.3	2.5
M	3.3	2.5
N. Rail	3.3	2.5
+ 5 = 2' N of N.R	3.9	1.9
+7	4.3	1.5
1/4	6.9	-1.1
crk	6.9	-1.1
N	6.9	-1.1

6 + 3 5 = E. wall of Flume

N	6.8	-1.0
crk	6.8	-1.0
+11 ground	6.9	-0.9
+11 Top of wall	2.9	2.9
1/4 " " "	2.9	2.9
+ 3 " " "	2.9	2.9
+ 3 9 Ground	8.6	-2.8
+ 7 = 2' N of N rail	5.2	0.6
N. rail	3.3	2.5
M	3.3	2.5
+3 = 2' 5 of S R on wall	4.5	1.3
1/4 " "	4.4	1.4
crk " "	4.5	1.3
S " "	4.5	1.3

5.82

6+50

Note! This section taken in Center of flume

S	9.2	-3.4
crb	9.2	-3.4
1/4	9.0	-3.2
M	9.2	-3.4
1/4	9.3	-3.5
crb	8.9	-3.1
+12.5 ground	6.9	-1.1
N Topwall	2.9	2.9

6+75

N	8.5	-2.7
crb	9.3	-3.5
+4	9.2	-3.4
+9	3.8	2.0
1/4	3.7	2.1
+2=2' N of N rail	3.8	2.0
N. Rail	3.2	2.6
+11 = 2' S of S rail	3.3	2.5
M	3.3	2.5
+3	3.5	2.3
+7	5.4	0.4
1/4	6.2	-0.4
crb	6.3	-0.5
S	6.2	-0.4

7+00

S	6.2	-0.4
crb	6.1	-0.3
1/4	6.3	-0.5
M	6.4	-0.6
+5	3.3	2.5
+10 = 2.5' S of S. rail	3.1	2.7
1/4	3.1	2.7
N. Rail	3.2	2.6
+6 = 2' N of N rail	3.7	2.1
+11	3.8	2.0
crb	5.3	0.5
+6	9.2	-3.4
N	9.0	-3.2

P 7+38.6 See plot Page 9

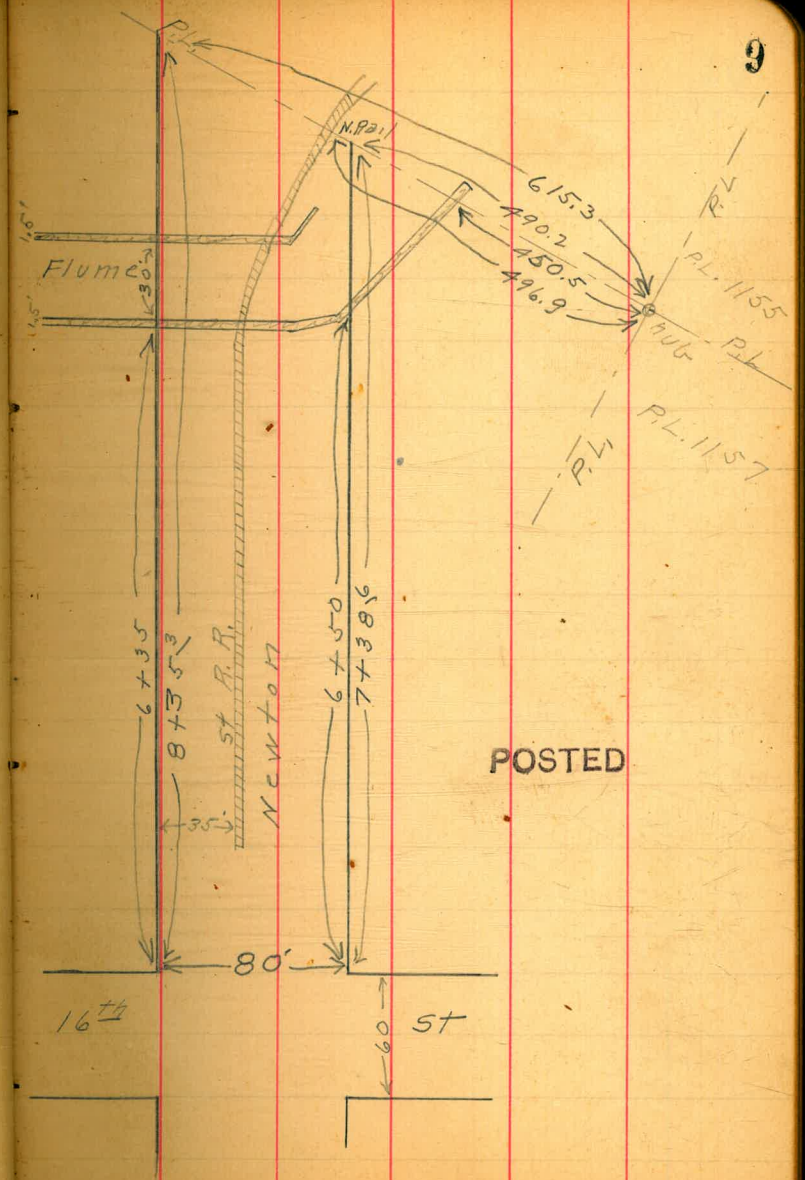
N	3.5	2.3
+4 = 2' N of N. rail	3.6	2.2
N. rail	3.1	2.7
crb = 2' S of S. rail	3.2	2.6
+5	3.5	2.3
1/4	6.3	-0.5
M	6.5	-0.7
1/4	6.4	-0.6
crb	6.4	-0.6
S	6.3	-0.5

5.82 H.I

X-section taken along Pueblo line

Sec. A. See Plot Page 9

5	6.3	-0.5
+15	6.0	-0.2
+30	6.0	-0.2
+45	6.1	-0.3
+60	7.0	-1.2
+75	5.8	0.0
+90	6.6	-0.8
1+00	7.1	-1.3
1+08	3.3	2.5
1+13 = 2' B of S. rail	3.2	2.6
N. Rail	3.1	2.7
1+22 = 2' N of N.R	3.5	2.3
1+25.1 = N.	3.5	2.3



X-section Newton Ave W.L. 16th to Sampson

Dunkle
Shaw
Lambert
4/14/08

B.M. Hitching post N.E. Cor Logan & 16th = 14.00

B.M.	0.51	14.51		14.00
	3.79	7.96	10.34	4.17
	W.L. 16th			
N			9.4	-1.4
crb			9.5	-1.5
1/4			9.2	-1.2
+7			6.0	2.0
+9' = 2' N of N Rail			6.0	2.0
+11' = N. Rail			5.4	2.6
M			5.4	2.6
+5' = 2' S of S rail			6.0	2.0
+7			6.0	2.0
1/4			9.1	-1.1
crb			9.9	-1.9
S			10.7	-2.7

W. crb.

S	10.6	-2.6
crb	9.7	-1.7
1/4	9.1	-1.1
+5	6.0	2.0
+8 = 2' S. of S. rail	6.0	2.0
M	5.4	2.6
N. rail	5.3	2.7
+4 = 2' N of N. rail	5.9	2.1
+6	6.1	1.9
1/4	9.2	-1.2
crb	9.5	-1.5
N	9.4	-1.4

W 1/4

N	8.1	-0.1
crb	7.9	0.1
1/4	8.3	-0.3
+4	6.1	POSTED
+9	5.9	2.1
N. rail	5.2	2.8
M	5.3	2.7
+5'	5.2	2.8
+7	6.0	2.0
1/4	8.8	-0.8
crb	9.5	-1.5
S	9.0	-1.0

7.96

center

S	8.7	-0.7
crb	9.2	-1.2
1/4	7.5	05
+ 8	5.4	2.6
M	5.2	2.8
N. Rail	5.1	2.9
+ 4	5.5	2.5
1/4	6.8	1.2
crb	7.4	0.6
N	8.1	-0.1

E 1/4

N	9.2	-1.1
crb	9.0	-1.0
1/4	8.1	-0.1
+ 4	5.8	2.2
+ 9	5.3	2.7
N. Rail	5.0	3.0
M	5.1	2.9
+ 5	5.3	2.7
1/4	7.0	1.0
crb	8.8	-0.8
S	9.3	-1.3

E. curb

S	8.9	-0.9
crb	9.0	-1.0
1/4	7.9	0.1
+ 5	5.6	2.4
+ 8	5.5	2.5
M	5.0	3.0
N. Rail	4.9	3.1
+ 4	5.5	2.5
+ 6	5.7	2.3
1/4	9.1	-1.1
crb	9.4	-1.4
N	9.4	-1.4

E. L. 16 TH

N	9.5	-1.5
crb	9.4	-1.4
1/4	9.2	-1.2
+ 8	5.5	2.5
+ 9	5.4	2.6
N. Rail	4.8	3.2
M	4.9	3.1
+ 5	5.5	2.5
+ 8	5.6	2.4
1/4	8.1	-0.1
crb	9.3	-1.3
S	9.0	-1.0

7.96

25' E of 16th

S	8.7	-0.7
crb	9.4	-1.4
1/4	8.7	-0.7
+ 5	5.2	2.2
+ 8	5.1	2.9
M	4.5	3.5
N.Rail	4.5	3.5
+ 4	5.1	2.9
+ 5	5.1	2.9
1/4	9.1	-1.1
crb	9.4	-1.4
N	9.4	-1.4

50' E

N	8.7	-0.7
crb	9.2	-1.2
1/4	8.8	-0.8
+ 7	4.6	3.4
+ 9	4.6	3.4
N.Rail	4.0	4.0
M	4.2	3.8
+ 5	4.6	3.4
+ 7	4.8	3.2
1/4	9.0	-1.0
crb	9.4	-1.4
S	8.0	0.0

75' E.

S	10.4	-2.4
crb	10.2	-2.2
1/4	9.1	-1.1
+ 6	4.4	3.6
+ 8	4.2	3.8
M	3.6	4.4
N.R	3.6	4.4
+ 4	4.2	3.8
+ 7	4.4	3.6
1/4	8.2	-0.2
+ 2	9.0	-1.0
crb	9.1	-1.1
N	9.1	-1.1

1+00 E

N	8.7	-0.7
crb	8.8	-0.8
1/4	8.1	-0.1
+ 7	3.6	4.4
+ 9	3.6	4.4
N.R	3.0	-0.5
M	3.1	4.9
+ 5	3.7	4.3
+ 8	3.9	4.1
1/4	9.0	-1.0
crb	9.9	-1.9
S	10.4	-2.4

7.96

1+25 E

S	9.9	-1.9
crb	9.7	-1.7
+8	9.0	-1.0
1/4	6.6	1.4
+5	3.2	4.8
+8	3.1	4.9
M	2.5	5.5
N. Rail	2.4	5.6
+4	3.3	4.7
+6	3.4	4.6
1/4	8.1	-0.1
crb	8.2	-0.2
+12	8.1	-0.1
N	7.2	0.8

1+50 E

N	6.5	1.5
+2	7.5	0.5
crb	7.6	0.4
1/4	6.7	1.3
+7	2.7	5.3
+9	2.7	5.3
N. Rail	1.8	6.2
M	2.0	6.0
+5	2.5	5.5
+7	2.8	5.8
1/4	6.1	1.9
+5	8.1	-0.1
crb	8.5	-0.5
S	8.8	-0.8

1+75

S	6.5	1.5
crb	6.2	1.8
1/4	4.7	3.3
+6	2.1	5.9
+8	2.0	6.0
M	1.5	6.5
N. Rail	1.3	6.7
+4	1.9	6.1
+5	2.0	6.0
1/4	5.9	2.1
crb	6.3	1.7
N	5.8	2.2

2+00 E

N	4.3	3.7
crb	4.4	3.6
1/4	4.5	3.5
+8	1.7	6.3
+9	1.5	6.5
N. Rail	0.8	7.2
M	0.8	7.2
+5	1.4	6.6
+7	1.6	6.4
1/4	3.5	4.5
crb	4.2	3.8
S	5.3	2.7

7.96

2+25' E

S			3.6	4.4
crb.			2.9	5.1
1/4			2.3	5.7
+6			1.0	7.0
+8			0.9	7.1
M			0.5	7.5
N. Rail			0.3	7.7
+4			1.0	7.0
+6			1.1	6.9
+9			2.1	5.9
1/4			2.1	5.9
crb			2.1	5.9
N			1.1	6.9
		H.I		
T.P.	11.72	19.39	0.29	7.67

2+50' E

N			10.1	9.3
crb			11.5	7.9
1/4			12.1	7.3
+9			11.3	8.1
N. Rail			11.1	8.3
M			11.2	8.2
+5			11.4	8.0
1/4			12.5	6.9
crb			13.1	6.3
S			13.1	6.3

19.39

2+75' E

S	12.3	7.1
crb	11.4	8.0
1/4	11.1	8.3
+8	11.3	8.1
M	10.7	8.7
N. R	10.6	8.8
+4	11.4	8.0
+7	11.5	7.9
+8	10.8	8.6
1/4	9.5	9.9
crb	8.2	11.2
N	7.5	11.9

3+00 E

N	6.0	13.4
crb	6.3	13.1
+5	6.2	13.2
+9	7.1	12.3
1/4	8.6	10.8
+6	10.2	9.2
+7	11.0	8.4
+9	10.8	8.6
N. R	10.1	9.3
M	10.2	9.2
+5	10.9	8.5
1/4	11.1	8.3
+6	11.0	8.4
+8	8.6	10.8
crb	8.0	11.4
S	9.3	10.1

1939

3+25

S	7.3	12.1
crb	6.3	13.1
+6	7.1	12.3
+11	10.9	8.5
1/4	10.9	8.5
+8	10.5	8.9
M	9.7	9.7
N.Rz.1	9.6	9.8
+4	10.4	9.0
+6	10.6	8.8
+7	9.8	9.6
1/4	8.8	10.6
+3	6.3	13.1
+5	5.0	14.4
crb	5.0	14.4
N	5.1	14.3

3+50

N	4.2	15.2
crb	4.5	15.9
+9	5.0	14.4
1/4	7.9	11.5
+5	8.8	10.6
+6	9.9	9.5
+9	9.7	9.7
N.Rz.1	9.1	10.3
M	9.2	10.2
+5	9.5	9.6
1/4	9.9	9.5
+6	8.2	11.2
+9	4.9	14.5
crb	4.9	14.5
S	5.5	13.9

3+75

S	4.8	14.6
crb	4.5	14.9
+8	5.4	14.0
1/4	8.9	10.5
+8	9.4	10.0
M	8.7	10.7
N.Rz.1	8.6	10.8
+4	9.3	10.1
+6	9.5	9.9
+7	8.2	11.2
1/4	6.8	12.6
+3	4.9	14.5
crb	4.2	15.2
N.	3.9	15.5

4+00 E

N	3.7	15.7
crb	4.1	15.3
+10	4.3	15.1
1/4	5.7	13.7
+6	7.7	11.7
+7	8.8	10.6
+9	8.9	10.5
N.R	8.1	11.3
M	8.2	11.2
+5	8.8	10.6
1/4	7.9	11.5
+8	4.3	15.1
crb	4.0	15.4
S	4.4	15.0

POSTED

19.39

4 + 25

S	4.4	15.0
crb	4.4	15.0
+ 7	5.1	14.3
1/4	8.0	11.4
+ 8	8.3	11.1
M	7.7	11.7
N.Ra.1	7.6	11.8
+ 4	8.2	10.2
+ 6	8.5	10.9
+ 7	7.5	11.9
+ 10	6.6	12.8
1/4	5.0	14.9
+ 6	9.1	15.3
crb	4.2	15.2
N	3.9	15.5

4 + 50

N	4.2	15.2
crb	4.4	15.6
+ 8	4.3	15.1
1/4	6.0	13.4
+ 5	7.2	12.2
+ 6	8.1	11.3
+ 9	7.8	11.6
N.R	7.1	12.3
M	7.3	12.1
+ 5	8.0	11.4
1/4	7.4	12.0
+ 7	4.7	14.7
+ 8	3.9	15.5
crb	3.8	15.6
S	3.7	15.7

4 + 75

S	4.2	15.2
crb	4.1	15.3
+ 4	4.2	15.2
+ 8	5.0	14.4
1/4	7.3	12.1
+ 8	7.5	11.9
M	6.7	12.7
N.Ra.1	6.6	12.8
+ 4	7.3	12.1
+ 7	7.5	11.9
+ 5	7.0	12.4
1/4	5.0	14.4
crb	4.6	14.8
N	4.5	14.9

5 + 00

N	4.4	15.0
crb	4.6	14.8
1/4	4.3	15.1
+ 5	6.3	13.1
+ 6	7.1	12.3
+ 9	6.4	12.5
N.Ra.1	6.2	13.2
M	6.3	13.1
+ 5	7.0	12.4
1/4	6.6	12.8
+ 3	5.4	14.0
+ 8	4.4	15.0
crb	4.4	15.0
S	4.4	15.0

19.39

5+25

S	4.4	15.0
crb	4.2	15.2
+5	4.3	15.1
+6	5.1	14.3
1/4	5.1	14.3
+8	6.6	12.8
M	5.9	13.5
N. Rail	5.7	13.7
+4	6.5	12.9
+6	6.5	12.9
+7	5.7	13.7
1/4	4.1	15.3
crb	4.5	14.9
N	4.5	14.9

5+50 E

N	4.0	15.4
crb	3.4	16.0
1/4	4.5	14.9
+5	5.3	14.1
+6	6.3	13.1
+9	6.0	13.4
N. Rail	5.2	14.2
M	5.3	14.1
+5	6.0	13.4
1/4	5.2	14.2
+4	5.1	14.3
+5	4.2	15.2
crb	4.1	15.3
S	3.9	15.5

5+75

S	3.7	15.7
crb	3.6	15.8
+8	3.5	15.9
+9	4.4	14.0
1/4	4.6	14.8
+8	5.5	13.9
M	4.8	14.6
N. Rail	4.7	14.7
+4	5.4	14.0
+7	5.7	13.7
+8	4.9	14.5
1/4	3.8	15.6
crb	3.2	16.2
N	3.6	15.8

6+00 E = W.L. Sigsbee St.

N	2.5	16.9
crb	2.5	16.9
1/4	2.5	16.9
+5	4.0	15.4
+6	5.2	14.2
+9	4.7	14.7
N. Rail	4.2	15.2
M	4.3	15.1
+5	4.6	14.8
+9	5.0	14.4
+10	4.0	15.4
1/4	3.1	16.3
crb	2.7	16.7
S	2.8	16.6

T.P. on stake S.W. cor Sigsbee 2.81 16.58

16.80 28.38

4/16/08 Dunkle
Sparr
Lambert

28.38

W. curb Sigsbee

S	11.6	16.8
Crb	12.0	16.4
1/4	12.5	15.9
+ 8	13.1	15.3
M	13.0	15.4
N. Rail	12.9	15.5
+ 4	13.0	15.4
1/4	12.1	16.3
crb	11.5	16.9
N	11.2	17.2

W 1/4

N	11.2	17.2
crb	11.6	16.8
1/4	12.1	16.3
+ 9	12.7	15.7
N. Rail	12.8	15.6
M	12.8	15.6
+ 5	12.7	15.7
1/4	12.3	16.1
crb	11.9	16.5
S	11.8	16.6

center

S	11.8	16.6
crb	11.9	16.5
1/4	12.1	16.3
+ 8	12.4	16.0
M	12.5	15.9
N. Rail	12.5	15.9
+ 4	12.6	15.8
1/4	12.0	16.4
crb	11.4	17.0
N	11.0	17.4

E 1/4

N	9.2	9.2
crb	10.6	17.8
1/4	10.6	17.8
+ 5	11.9	16.5
+ 6	13.5	14.9
+ 9	12.8	15.6
N. Rail	12.3	16.1
M	12.4	16.0
+ 5	12.4	16.0
1/4	11.7	16.7
crb	11.5	16.9
S	10.9	17.5

28.38

E. curb

S	9.8	18.6
+4	9.9	18.5
crb	11.8	18.6
1/4	12.1	16.3
+4	11.9	16.5
+5	13.0	15.4
+8	12.5	15.6
M	12.2	16.2
N. rail	12.1	16.3
+4	12.8	15.6
+7	13.0	15.4
+8	12.1	16.3
1/4	8.7	19.7
crb	9.6	18.8
N	8.9	19.5

E.L. 519 s bee

N	8.3	20.1
crb	8.6	19.8
1/4	9.0	19.4
+3	9.2	19.2
+5	12.0	16.4
+6	12.9	15.5
+9	12.6	15.8
N. rail	11.9	16.5
M	12.0	16.4
+5	12.5	15.9
+8	12.8	15.6
+9	12.1	16.3
1/4	12.1	16.3
crb	11.6	16.8
+5	10.8	17.6
+6	9.6	18.8
S	9.6	18.8

0+25 E.

S	8.8	18.6
crb	8.5	19.9
+5	11.2	17.2
1/4	11.7	16.7
+8	12.1	16.3
M	11.4	17.0
N. rail	11.3	17.1
+4	12.1	16.3
+7	12.2	16.2
+8	10.5	17.6
1/4	8.8	19.6
crb	8.0	20.4
N	7.1	21.3

0+50

N	6.7	21.7
crb	7.4	21.0
1/4	8.1	20.3
+5	10.5	17.9
+6	11.7	16.7
+9	11.5	16.9
N. rail	10.7	17.7
M	10.8	17.6
+5	11.5	16.9
1/4	10.8	17.6
+8	10.6	17.8
crb	8.0	20.4
S	8.0	20.4

28.38

	0+75' E		
S		7.6	20.8
crb		7.3	21.1
1/4		8.2	20.2
+2		8.1	20.3
+6		11.1	17.3
+8		10.9	17.5
M		10.2	18.2
N.rail		10.2	18.2
+4		10.8	17.6
+7		11.1	17.3
+8		10.1	18.3
1/4		8.3	20.1
+8		6.5	21.9
crb		6.6	21.8
N		5.7	22.7
	1+00 E		
N		5.4	23.0
crb		5.8	22.6
+6		6.1	22.3
+7		7.4	21.0
1/4		8.0	20.4
+5		8.8	19.6
+6		10.5	17.9
+9		10.3	18.1
N.rail		9.6	18.8
M		9.6	18.8
+5		10.3	18.1
+9		10.5	17.9
+11		7.9	20.5
1/4		7.8	20.6
crb		6.5	21.9
S		6.7	21.7

	1+25		
S		5.7	22.7
crb		5.2	23.2
+5		7.3	21.1
1/4		7.2	21.2
+5		8.0	20.4
+6		9.9	18.5
+8		9.7	18.7
M		9.2	19.2
N.rail		9.0	19.4
+4		9.7	19.7
+7		10.0	18.4
+8		8.5	19.9
1/4		7.8	20.6
+3		7.5	20.9
+5		5.7	22.7
crb		5.5	22.9
N		5.1	23.3
	1+50		
N		4.4	24.0
crb		4.9	23.5
1/4		5.4	23.0
+1		7.1	21.3
+6		8.3	20.1
+7		9.4	19.0
+9		9.2	19.2
N.rail		8.4	20.0
M		8.6	19.8
+5		9.2	19.2
+8		9.2	19.2
+10		6.3	22.1
1/4		5.7	22.7
+4		6.5	21.9
+8		5.3	23.1
crb		5.4	23.0
S		5.8	22.6

28.38

1+75

S	5.0	23.4
crb	4.7	23.7
+ 8	4.6	23.8
+ 10	5.5	22.9
1/4	4.9	23.5
+ 4	5.7	22.7
+ 5	8.8	19.6
+ 8	8.6	19.8
M	8.1	20.3
N. rail	7.9	20.5
+ 4	8.6	19.8
+ 7	8.8	19.6
+ 8	7.6	20.8
1/4	5.2	23.2
+ 2	4.2	24.2
crb	4.5	23.9
N	3.8	24.6

2+00 E

N	3.3	25.1
crb	4.1	24.3
1/4	4.2	24.2
+ 4	5.0	23.4
+ 6	8.3	20.1
+ 9	8.2	20.2
N. rail	7.5	20.9
M	7.5	20.9
+ 5	8.1	20.3
+ 7	8.3	20.1
+ 8	4.8	23.6
1/4	3.8	24.6
crb	4.4	24.0
S	4.6	23.8

2+25 E

S	3.9	24.5
crb	3.8	24.6
1/4	4.0	24.4
+ 5	4.3	24.1
+ 6	8.0	20.4
+ 8	7.8	20.6
M	7.2	21.2
N. rail	7.0	21.4
+ 4	7.7	20.7
+ 7	7.4	20.5
+ 8	5.7	22.7
1/4	3.3	25.1
+ 3	2.6	25.8
crb	3.2	25.2
N	3.0	25.4

2+50 E

N	2.2	26.2
crb	2.4	26.0
1/4	2.5	25.9
+ 3	3.5	24.9
+ 6	7.4	21.0
+ 9	7.2	21.2
N. rail	6.5	21.9
M	6.5	21.9
+ 4	7.2	21.2
+ 7	7.2	21.2
+ 9	3.9	24.5
1/4	3.8	24.6
crb	3.2	25.2
S	3.3	25.1

		28.38			
		2+75			
S			2.4	26.0	
crb			2.5	25.9	
+ 5			2.5	25.9	
+ 6			3.2	25.2	
1/4			3.0	25.4	
+ 4			3.4	25.0	
+ 6			7.0	21.4	
+ 8			6.7	21.7	
M			6.1	22.3	
N.Tail			6.0	22.4	
+ 4			6.8	21.6	
+ 7			7.0	21.4	
+ 10			3.0	25.4	
1/4			2.0	26.4	
+ 2			1.5	26.9	
crb			1.5	26.9	
N			1.0	27.4	
T.P.	7.74	35.25	0.87	27.51	
		3+00 E			
N			7.1	28.2	
crb			7.5	27.8	
1/4			7.8	27.5	
+ 3			8.7	26.6	
+ 5			13.4	21.9	
+ 9			13.1	22.2	
N.Tail			12.3	23.0	
M			12.4	22.9	
+ 5			13.0	22.3	
+ 7			13.1	22.2	
+ 9			9.8	25.5	
1/4			9.8	25.5	
+ 8			9.5	25.8	
+ 9			8.9	26.4	
crb			8.9	26.4	
S			8.9	26.4	

		35.25			
		3+25 E			
S			8.6	26.7	
crb			8.3	27.0	
+ 4			8.3	27.0	
+ 5			9.0	26.3	
1/4			8.9	26.4	
+ 4			9.4	25.9	
+ 6			12.7	22.6	
+ 8			12.5	22.8	
M			12.0	23.3	
N.Tail			11.9	23.4	
+ 4			12.6	22.7	
+ 8			12.7	22.6	
+ 9			9.5	25.8	
1/4			7.8	27.5	
+ 2			7.0	28.3	
crb			6.9	28.4	
N			6.7	28.6	
		3+50			
N			5.9	29.4	
crb			6.2	29.1	
1/4			6.1	29.2	
+ 3			7.5	27.8	
+ 5			12.3	23.0	
+ 9			12.1	23.2	
N.Tail			11.3	24.0	
M			11.5	23.8	
+ 5			12.0	23.3	
+ 7			12.2	23.1	
+ 10			8.4	26.9	
1/4			7.9	27.4	
+ 9			8.3	27.0	
+ 10			7.7	27.6	
crb			7.7	27.6	
S			8.1	27.2	

POSTED

	35.25		
	3+75		
		7.3	28.0
crb		7.1	28.2
+2		7.1	28.2
+3		7.8	27.5
1/4		7.6	27.7
+3		7.9	27.4
+5		11.8	23.5
+8		11.6	23.7
M		10.9	24.4
N.+2.1		10.9	24.4
+4		11.5	23.8
+7		11.7	23.6
+9		7.4	27.9
1/4		6.4	28.9
+7		5.7	29.6
crb		6.0	29.3
N		5.5	29.8
	4+00	E	
N		5.2	30.1
crb		5.7	29.6
+6		5.7	29.6
1/4		6.6	28.7
+2		7.3	28.0
+5		9.8	25.5
+6		11.2	24.1
+9		11.0	24.3
N.+2.1		10.3	25.0
M		10.5	24.8
+5		11.0	24.3
+7		11.2	24.1
+9		8.9	26.4
1/4		7.4	27.9
+7		7.4	27.9
+8		6.5	28.8
crb		6.6	28.7
S		6.6	28.7

	4+25		
S		6.5	28.8
crb		7.8	27.5
1/4		8.7	26.6
+3		8.5	26.8
+6		10.7	24.6
+8		10.6	24.7
M		10.0	25.3
N.+2.1		9.8	25.5
+4		10.6	24.7
+8		10.8	24.5
+9		9.0	26.3
1/4		6.9	28.4
crb		6.1	29.2
N		5.2	30.1
	4+50		
N		5.1	30.2
crb		5.3	30.0
+11.		5.2	30.1
1/4		5.7	29.6
+2		6.4	28.9
+3		8.4	26.9
+5		10.4	24.9
+9		10.2	25.1
N.+2.1		9.4	25.9
M		9.4	25.9
+5		10.1	25.2
+7		10.4	24.9
+10		7.2	28.1
1/4		7.1	28.2
+7		7.1	28.2
+8		5.9	29.4
crb		6.0	29.3
S		6.3	29.0

35.25

4+75

S	5.9	29.4
crb	5.8	29.5
+6	5.7	29.6
+7	6.6	28.7
1/4	6.8	28.5
+4	6.8	28.5
+6	9.8	25.5
+8	9.7	25.6
M	9.1	26.2
N. rail	9.0	26.3
+4	9.7	25.6
+7	10.0	25.3
+9	8.3	27.0
+10	6.5	28.8
1/4	6.1	29.2
+3	5.3	30.0
crb	5.2	30.1
N	5.0	30.3

5+00

N	4.7	30.6
crb	5.1	31.2
+11	5.0	30.3
1/4	5.8	29.5
+3	6.4	28.9
+4	8.1	27.2
+6	9.7	25.6
+9	9.3	26.0
N. rail	8.6	26.7
M	8.7	26.6
+5	9.2	26.1
+7	9.3	26.0
+8	6.4	28.9
1/4	5.8	29.5
+5	6.2	29.1
+6	5.7	29.6
crb	5.5	29.8
S	5.6	29.7

5+25

S	5.6	29.7
crb	5.4	29.9
1/4	5.7	29.6
+3	6.5	29.2
+5	8.5	26.5
+8	8.9	26.4
M	8.4	26.9
N. rail	8.3	27.5
+4	8.9	26.4
+6	9.2	26.1
+7	8.0	27.3
1/4	4.8	30.5
crb	5.0	30.3
N	4.2	31.1

5+50

N	4.8	31.0
crb	4.9	30.4
1/4	4.7	30.6
+5	8.6	26.7
+9	8.5	26.8
N. rail	7.8	27.5
M	7.9	27.4
+5	8.4	26.9
+7	8.5	26.8
+8	6.2	29.1
1/4	5.9	29.4
crb	5.5	29.8
S	5.4	29.9

35.25

5+75

S	5.8	29.5
crb	5.6	29.7
1/4	5.9	29.4
+5	6.2	29.1
+6	8.4	26.9
+8	8.4	26.9
M	7.5	27.8
N. rail	7.4	27.9
+4	8.1	27.2
+7	8.4	26.9
1/4	5.3	30.0
+3	4.4	30.9
crb	4.8	30.5
N	4.5	30.8

6+00 = W.L. Beardsley

N	4.6	30.7
crb	5.3	30.0
+9	5.0	30.3
+10	5.9	29.4
1/4	6.1	29.2
+5	8.0	27.3
+9	7.7	27.6
N. rail	7.1	28.2
M	7.3	28.0
+5	7.8	27.5
+7	7.9	27.4
+10	5.4	29.9
1/4	5.1	30.2
crb	5.6	29.7
S	6.4	28.9

W. Curb Beardsley

S	6.2	29.1
crb	5.5	29.8
1/4	5.6	29.7
+6	7.6	27.7
+8	7.6	27.7
M	7.2	28.1
N. rail	7.0	28.3
+4	7.6	27.7
1/4	6.6	28.7
+4	5.7	29.6
crb	5.7	29.6
N	5.0	30.3

W 1/4

N	5.7	29.6
crb	6.2	29.1
1/4	6.7	28.6
+9	7.2	28.1
N. rail	6.9	28.4
M	7.1	28.2
+5	7.6	27.7
1/4	8.4	26.9
crb	9.1	25.2
S	9.6	25.7

35.25

Center

S	7.0	28.3
crb	7.8	27.5
1/4	7.6	27.7
+8	6.7	28.6
M	6.7	28.6
N. rail	6.7	28.6
+4	6.9	28.4
1/4	6.9	28.4
crb	6.5	28.8
N	6.2	29.1

E 1/4

N	6.0	29.3
crb	6.4	28.9
1/4	6.5	28.8
+9	6.6	28.7
N rail	6.6	28.7
M	6.6	28.7
+5	6.7	28.6
1/4	7.4	27.9
crb	7.6	27.7
S	7.8	27.5

E. Curb

S	6.2	29.1
crb	6.0	29.3
1/4	6.4	28.9
+8	7.1	28.2
M	6.6	28.7
N. rail	6.4	28.9
+4	7.1	28.2
1/4	5.8	29.5
crb	5.6	29.7
N	4.7	30.6

E.L. Beardsley

N	4.4	30.9
crb	4.6	30.7
1/4	4.5	30.8
+5	7.0	28.3
+9	7.0	28.3
N. rail	6.3	29.0
M	6.4	28.9
+5	7.0	27.3
1/4	6.3	29.0
+3	5.0	30.3
crb	5.6	29.7
S	5.8	29.5

35.25

0+25' E

S		
crb	5.9	29.4
	5.8	29.5
1/4		
	5.4	29.9
+ 6	6.8	28.5
+ 8	6.7	28.6
M	6.0	29.3
N. rail	5.9	29.4
+ 4	6.7	28.6
+ 8	6.0	29.3
1/4		
	4.7	30.6
+ 2	4.3	31.0
crb	4.5	30.8
N	4.3	31.0

0+50' E

N		
crb	4.1	31.2
	4.6	30.7
1/4	4.4	30.9
+ 3	5.8	29.5
+ 9	6.5	28.8
N. rail	5.7	29.6
M	5.8	29.5
+ 5	6.4	28.9
1/4	5.1	30.2
crb	5.4	29.9
S	5.5	29.8

0+75

S	5.2	30.1
crb	5.1	30.2
1/4	4.5	30.8
+ 3	5.6	29.7
+ 8	6.2	29.1
M	5.6	29.7
N. rail	5.5	29.8
+ 4	6.3	29.0
1/4	4.5	30.8
crb	4.6	30.7
N	4.0	31.3

1+00 E

N	3.7	31.6
crb	4.1	31.2
1/4	4.3	31.0
+ 3	4.5	30.8
+ 7	6.1	29.2
+ 9	6.2	29.1
N. rail	5.4	29.9
M	5.5	29.8
+ 5	6.0	29.3
+ 8	5.4	29.9
1/4	4.9	30.4
+ 2	4.6	30.7
crb	5.0	30.3
S	5.0	30.3

		35.25			
		1+25			
S			5.1	30.2	
crb			4.9	30.4	
1/4			4.4	30.9	
+6			5.9	29.4	
+8			5.8	29.5	
M			5.2	30.1	
N. rail			5.2	30.1	
+4			6.1	29.2	
1/4			4.4	30.9	
crb			4.1	31.2	
N			3.7	31.6	
		1+50			
N			3.9	31.4	
crb			4.4	30.9	
1/4			4.8	30.5	
+9			5.7	29.6	
N. rail			5.0	30.3	
M			5.2	30.1	
+5			5.7	29.6	
1/4			4.7	30.6	
crb			5.5	29.8	
S			5.6	29.7	
T. P.	6.20	36.34	5.11	30.14	

		36.34			
		1+75			
S			6.2	30.1	
crb			6.6	29.7	
1/4			6.4	29.9	
+8			6.5	29.8	
M			6.0	30.3	
N. rail			5.9	30.4	
+4			6.6	29.7	
1/4			5.9	30.4	
crb			5.8	30.5	
S			5.4	30.9	
		2+00 E			
S			5.5	30.8	
crb			5.8	30.5	
1/4			5.9	30.4	
+9.			6.4	29.9	
N. rail			5.8	30.5	
M			5.9	30.4	
+5			6.6	29.7	
1/4			6.7	29.6	
crb			6.7	29.6	
S			6.8	29.5	

36.34

2+75

S	6.9	29.4
Crb	6.7	29.6
1/4	6.8	29.5
+8	6.9	29.9
M	5.8	30.5
N. rail	5.6	30.7
+4	6.4	29.9
1/4	5.8	30.5
Crb	5.8	30.5
N	5.6	30.7

2+50

N	5.3	31.0
Crb	5.9	30.4
1/4	5.9	30.4
+9	6.2	30.1
N. rail	5.5	30.8
M	5.6	30.7
+5	6.2	30.1
1/4	6.7	29.6
Crb	6.8	29.5
S	7.1	29.2

2+75

S	7.0	29.3
Crb	6.7	29.6
1/4	6.5	29.8
+8	6.1	30.2
M	5.4	30.9
N. rail	5.4	30.9
+4	6.0	30.3
1/4	5.8	30.5
Crb	5.6	30.7
N	5.2	30.1

3+00

N	4.9	31.4
Crb	5.4	30.9
1/4	5.5	30.8
+9	5.9	30.4
N. rail	5.3	31.0
M	5.4	31.9
+5	5.8	30.5
1/4	6.4	29.9
Crb	6.7	29.6
S	6.9	29.4

36.34

3 + 25

S crb	7.1	29.2
	6.8	29.5
1/4	6.7	29.6
+ 8		
M	5.7	30.6
N. rail	5.2	31.1
	5.1	31.2
+ 4		
	5.8	30.5
1/4		
	5.6	30.7
crb		
	5.6	30.7
N		
	5.1	31.2

3 + 50

N crb	5.1	31.2
	5.5	30.8
1/4	5.7	30.6
+ 9		
N. rail	5.8	30.5
M	5.0	31.3
+ 5	5.1	31.2
1/4	5.6	30.7
	6.6	29.7
crb		
	6.7	29.6
S		
	7.2	29.1

3 + 75

S crb	7.2	29.1
	6.3	30.0
1/4	6.2	30.1
+ 8		
M	5.5	30.8
N. rail	5.0	31.3
	4.9	31.4
+ 4	5.7	30.6
1/4		
	5.5	30.8
crb		
	5.2	31.1
N		
	4.9	31.4

4 + 00

N crb	4.7	31.6
	5.2	31.1
1/4	5.5	30.8
+ 9	5.6	30.7
N. rail	4.8	31.5
M	4.9	31.4
+ 5		
	5.4	30.9
1/4		
	6.6	29.7
crb		
	6.5	29.8
S		
	6.5	29.8

POSTED

	36.34		
	4+25		
S		7.0	29.3
crb		6.5	29.8
1/4		6.3	30.0
+8		5.3	31.0
M		4.7	31.6
N. rail		4.6	31.7
+4		5.4	30.9
1/4		5.4	30.9
crb		5.2	30.1
N		4.6	31.7
	4+50		
N		4.4	31.9
crb		5.0	31.3
1/4		5.2	31.1
+9		5.1	31.2
N. rail		4.4	31.9
M		4.6	31.7
+5		5.2	31.2
1/4		6.3	30.0
crb		6.2	30.0
S		6.7	29.6

	4+75		
S		6.2	30.1
crb		6.1	30.2
1/4		5.7	30.6
+8		5.0	31.3
M		4.4	31.9
N. rail		4.3	32.0
+4		5.0	31.3
1/4		4.8	31.5
crb		4.8	31.5
N		4.0	32.3
	5+00		
N		3.8	32.5
crb		4.6	31.7
1/4		4.6	31.7
+8		4.7	31.6
M		4.1	32.2
N. rail		4.2	32.1
+5		4.8	31.5
1/4		5.3	31.0
crb		5.9	30.4
S		5.8	30.5

	36.34		
	5+25		
S		5.4	30.9
crb		5.7	30.6
1/4		4.6	31.7
+8		4.6	31.7
M		4.0	32.3
N. rail		3.9	32.4
+4		4.6	31.7
1/4		4.4	31.9
crb		4.3	32.0
N		3.8	32.5
	5+50		
N		3.3	33.0
crb		3.9	32.4
1/4		4.2	32.1
+9		4.5	31.8
N. rail		3.7	32.6
M		3.8	32.5
+5		4.4	31.9
1/4		4.6	31.7
crb		5.4	30.9
S		5.0	31.3

	5+75		
S		4.6	31.7
crb		5.0	31.3
1/4		4.2	32.1
+8		4.3	32.0
M		3.6	32.7
N. rail		3.5	32.8
+4		4.2	32.1
1/4		3.9	32.4
crb		3.6	32.7
N		3.1	33.2
	6+00 = W.L. Crosby		
N		2.9	33.4
crb		3.4	32.9
1/4		4.0	32.3
+9		4.0	32.3
N. rail		3.4	32.9
M		3.5	32.8
+5		4.1	32.2
1/4		4.3	32.0
crb		4.3	32.0
S		4.7	31.6

36.34

W. curb Crosby

S	4.7	31.6
Crb	4.4	31.9
1/4	4.4	31.9
+9	3.8	32.5
M	3.5	32.8
N rail	3.4	32.9
+5	3.7	32.6
1/4	3.7	32.6
Crb	3.4	32.9
N	3.2	33.1

W 1/4

N	3.4	32.9
Crb	3.5	32.8
1/4	4.0	32.3
+8	3.7	32.6
N. Rail	3.4	32.9
M	3.4	32.9
+4	3.7	32.6
1/4	4.2	32.1
Crb	4.3	32.0
S	4.6	31.7

Center

S	4.2	32.1
Crb	4.2	32.1
1/4	4.2	32.1
+9	3.5	32.8
M	3.3	33.0
N. rail	3.3	33.0
+5	3.5	32.8
1/4	3.7	32.6
Crb	3.6	32.7
N	3.2	33.1

E 1/4

N	2.8	33.5
Crb	3.3	33.0
1/4	3.5	32.8
+8	3.5	32.8
N rail	3.3	33.0
M	3.3	33.0
+4	3.7	32.6
1/4	3.9	32.4
Crb	4.2	32.1
S	4.2	32.1

	36.34		
	E curb		
S		4.3	32.0
crb		4.0	32.3
1/4			
		3.4	32.9
+ 9			
		3.9	32.4
M			
		3.4	32.9
N rail			
		3.3	33.0
+ 5			
		3.7	32.6
1/4			
		3.3	33.0
crb		3.3	33.0
N		2.7	33.6
	E. A. Crosby		
N		2.8	33.5
crb		3.3	33.0
1/4			
		3.1	33.2
+ 8			
		3.8	32.5
N. Rail		3.3	33.0
M		3.4	32.9
+ 4			
		3.9	32.4
1/4			
		3.3	33.0
crb			
		3.7	32.6
S.			
		4.3	32.0

	0 + 25 E		
S		4.4	31.9
crb		3.9	32.4
1/4			
		3.7	32.6
+ 9			
		3.9	32.4
M		3.4	32.9
N. rail			
		3.3	33.0
+ 5			
		3.9	32.4
1/4			
		3.1	33.2
crb			
		3.3	33.0
N			
		2.8	33.5
	0 + 50		
N		2.8	33.5
crb		3.3	33.0
1/4			
		3.4	32.9
+ 8			
		4.0	32.3
N. rail		3.4	32.9
M		3.5	32.8
+ 4			
		4.0	32.3
1/4			
		4.1	32.2
crb		4.1	32.2
S			
		5.1	31.2

POSTED

36.34

0 + 75

S	6.0	30.3
crb	5.0	31.3
1/4	5.1	31.2
+ 9	4.1	32.2
M	3.5	32.8
N rail	3.4	32.9
+ 5	4.2	32.1
1/4	3.6	32.7
crb	3.4	32.9
N	3.1	32.2

1 + 0 0

N	3.8	32.5
crb	4.0	32.3
1/4	4.6	31.7
+ 8	4.2	32.1
N rail	3.5	32.8
M	3.6	32.7
+ 4	4.2	32.1
1/4	6.1	30.2
crb	6.2	30.1
S	6.6	29.7

1 + 2 5

S	6.9	29.4
crb	6.5	29.8
1/4	6.3	30.0
+ 9	4.3	32.0
M	3.7	32.6
N rail	3.6	32.7
+ 5	4.3	32.0
1/4	5.4	30.9
crb	5.1	31.2
N	5.0	31.3

1 + 50

N	5.1	31.2
crb	5.2	31.1
1/4	5.2	31.1
+ 8	4.4	31.9
N rail	3.6	32.7
M	3.7	32.6
+ 4	4.5	31.8
1/4	6.2	30.1
crb	6.3	30.0
S	6.5	29.8

POSTED

		36.34									
		1+75						2+25			
S			6.1	30.2		S			5.6	30.7	
Crb			6.1	30.2		Crb			5.1	31.2	
1/4			6.2	30.1		1/4			4.8	31.5	
+9			4.5	31.8		+9			4.5	31.8	
M			3.9	32.4		M			3.9	32.4	
N. rail			3.8	32.5		N. rail			3.8	32.5	
+5			4.5	31.8		+4			4.4	31.9	
1/4			5.2	31.1		1/4			4.0	32.3	
Crb			5.0	31.3		Crb			4.0	32.3	
N			5.0	31.3		N			4.1	32.2	
		2+00						2+50			
N			4.7	31.6		N			3.8	32.5	
Crb			4.6	31.7		Crb			3.8	32.5	
1/4			4.5	31.8		1/4			4.3	32.0	
+8			4.5	31.8		+8			4.3	32.0	
N. rail			3.8	32.5		N. rail			3.8	32.5	
M			3.9	32.4		M			3.9	32.4	
+4			4.5	31.8		+4			4.5	31.8	
1/4			5.5	30.8		1/4			4.8	31.5	
Crb			5.2	30.1		Crb			5.1	31.2	
S			5.8	30.5		S			5.4	30.9	
						T.P.	5.04	36.16	5.22	31.12	

36.16

2+75

5	5.0	31.2
crb	4.7	31.5
1/4	4.5	31.7
+9	4.2	32.0
M	3.7	32.5
N. rail	3.7	32.5
+5	4.3	31.9
1/4	3.9	32.3
crb	3.8	32.4
N	3.7	32.5

3+00

N	4.2	32.0
crb	4.5	31.7
1/4	4.4	31.8
+8	4.3	31.9
N. rail	3.7	32.5
M	3.8	32.4
+4	4.6	31.6
1/4	4.9	31.3
crb	5.2	31.0
S	5.1	31.1

3+25

S	6.0	30.2
crb	5.3	30.9
1/4	6.1	30.1
+9	4.6	31.6
M	3.8	32.4
N. rail	3.7	32.5
+5	4.5	31.7
1/4	5.0	31.2
crb	4.9	31.3
N	4.8	31.4

3+50

N	5.1	31.1
crb	5.0	31.2
1/4	5.2	31.0
+8	4.6	31.6
N. rail	3.8	32.4
M	4.0	32.2
+4	4.7	31.5
1/4	6.4	29.8
crb	6.2	30.0
S	6.5	29.7

36.16

3+75		
S	6.6	29.6
crb	6.0	30.2
1/4	6.0	30.2
+9	4.7	31.5
M	4.0	32.2
N+3.1	3.9	32.3
+ 5	4.6	31.6
1/4	5.2	31.0
Crb	4.9	31.3
N	5.0	31.2
4+00		
N	4.7	31.5
crb	5.0	31.2
1/4	5.2	31.0
+8	4.6	31.6
N.+3.1	4.0	32.2
M	4.1	32.1
+ 4	4.7	31.5
1/4	5.9	30.3
Crb	6.1	29.1
S	6.5	29.7

4+25		
S	6.2	30.0
crb	6.1	30.1
1/4	5.8	30.4
+9	4.8	31.4
M	4.1	
N.+3.1	4.0	32.2
+ 5	4.8	31.4
1/4	4.3	31.9
Crb	4.8	31.4
N	4.7	31.5
4+50		
N	4.7	31.5
Crb	4.7	31.5
1/4	4.2	32.0
+8	4.9	31.3
N.+3.1	4.1	32.1
M	4.1	32.1
+4	4.7	31.5
1/4	5.8	30.4
Crb	5.9	30.3
S	6.3	29.9

	36.16		
	4+75		
S		6.0	30.2
crb		5.9	30.3
1/4		5.6	30.6
+9		4.9	31.3
M		4.1	32.1
N. rail		4.1	32.1
+5		4.8	31.4
1/4		4.2	32.0
crb		4.3	31.9
N		4.6	31.6
	5+00		
N		4.6	31.6
crb		4.6	31.6
1/4		4.2	32.0
+8		4.7	31.5
N rail		4.1	32.1
M		4.1	32.1
+4		4.8	31.4
1/4		5.7	30.5
crb		5.9	30.3
S		5.8	30.4

	5+25		
S		6.3	29.9
crb		5.8	30.4
1/4		5.6	30.6
+9		4.8	31.4
M		4.1	32.1
N. rail		4.1	32.1
+5		4.7	31.5
1/4		4.1	31.1
crb		4.5	31.7
N		4.4	31.8
	5+50		
N		4.3	31.9
crb		4.5	31.7
1/4		4.2	32.0
+8		4.6	31.6
N rail		4.1	32.1
M		4.1	32.1
+4		4.6	31.6
1/4		5.5	30.7
crb		5.9	30.3
S		5.7	30.5

POSTED

		36.16			
		5+75			
S.			5.4	30.8	
crb			5.8	30.4	
1/4			5.3	30.9	
+9			4.6	31.6	
M			4.1	32.1	
N rail			4.1	32.1	
+5			4.5	31.7	
1/4			4.0	32.2	
crb			4.2	32.0	
N			4.0	32.2	
		6+00 = W.L. Dewey			
N			3.9	32.3	
crb			3.9	32.3	
1/4			3.7	32.5	
+8			4.3	31.9	
N. rail			4.1	32.1	
M			4.1	32.1	
+4			4.4	31.8	
1/4			4.8	31.4	
crb			5.6	30.6	
S			5.5	30.7	
T. P.	5.14	39.36	1.94	34.22	

Dewey to be graded

		39.36		4/7/08	Dunklee Shaw Lambert
		E.L. Dewey			
S			8.1	31.3	
crb			7.9	31.5	
1/4			7.4	32.0	
+9			7.7	31.7	
M			7.1	32.3	
N rail			7.0	32.4	
+5			7.6	31.8	
1/4			6.5	32.9	
crb			6.7	32.7	
N			6.3	33.1	
		0+25'			
N			6.3	33.1	
crb			6.6	32.8	
1/4			6.2	33.2	
+8			7.5	31.9	
N. rail			6.9	32.5	
M			7.0	32.4	
+4			7.6	31.8	
1/4			7.4	32.0	
crb			7.8	31.6	
S			8.1	31.3	

		39.36		
		0+50		
S			8.0	31.4
crb			7.7	31.7
1/4			7.5	31.9
+9			7.2	32.2
M			6.8	32.6
N. rail			6.7	32.7
+5			7.2	32.2
1/4			6.5	32.9
crb			6.3	33.1
N			6.2	33.2
		0+75		
N			6.4	33.0
crb			6.5	32.9
1/4			6.5	32.9
+8			7.0	32.4
N. rail			6.4	33.0
M			6.5	32.9
+4			7.1	32.3
1/4			7.7	31.7
crb			7.9	31.5
S			7.8	31.6

		1+00		
S			7.8	31.6
crb			7.4	32.0
1/4			7.6	31.8
+9			6.9	32.5
M			6.3	32.1
N. rail			6.2	32.2
+5			6.9	32.5
1/4			6.4	33.0
crb			6.5	32.9
N			6.2	33.2
		1+25		
N			6.1	33.3
crb			6.3	33.1
1/4			6.3	33.1
+8			6.6	32.8
N. rail			5.9	33.5
M			6.0	33.4
+4			5.7	33.7
1/4			7.2	32.2
crb			7.2	32.2
S			7.6	31.8

39.36

1+50

S	7.4	32.0
crb	7.2	32.2
1/4	7.1	32.3
+9	6.2	33.2
M	5.8	33.6
N.rail	5.7	33.7
+5	6.9	33.0
1/4	6.1	33.3
crb	5.7	33.7
N	5.2	34.2

1+75

N	5.2	34.2
crb	5.6	33.8
1/4	5.9	33.5
+8	6.2	33.2
N.rail	5.5	33.9
M	5.5	33.9
+4	6.1	33.3
1/4	6.9	32.5
crb	7.1	32.3
S	7.4	32.0

2+00

S	7.1	32.3
crb	7.0	32.4
1/4	6.9	32.5
+9	5.9	33.5
M	5.2	34.2
N.rail	5.2	34.2
+5	5.9	33.5
1/4	5.7	33.7
crb	5.4	34.0
N	5.0	34.4

2+25

N	4.7	34.7
crb	5.2	34.2
1/4	5.4	34.0
+8	5.7	33.7
N.rail	5.0	34.4
M.	5.0	34.4
+4	5.7	33.7
1/4	6.5	32.9
crb	6.8	32.6
S	7.2	32.2

	39.36		
	2+5.0		
S		7.2	32.2
crb		6.7	32.7
1/4		6.5	32.9
+9		5.4	34.0
M		4.8	34.6
N.rail		4.7	34.7
+5		5.5	33.9
1/4		5.1	34.3
crb		4.8	34.6
N		4.9	35.0
	2+75		
N		3.9	35.5
crb		4.3	35.1
1/4		4.8	34.6
+8		5.2	34.2
N.rail		4.5	34.9
M		4.6	34.8
+4		5.2	34.2
1/4		6.2	33.2
crb		6.5	32.9
S		7.1	32.3

	3+00		
S		7.0	32.4
crb		6.3	33.1
1/4		6.0	33.4
+9		5.0	34.4
M		4.3	35.1
N.rail		4.2	35.2
+5		4.9	34.5
1/4		4.6	34.8
crb		4.4	35.0
N		3.9	35.5
	3+25		
N		3.5	35.9
crb		3.9	35.5
1/4		4.4	35.0
+8		4.7	34.7
N.rail		4.0	35.4
M		4.1	35.3
+4		4.7	34.7
crb		5.7	33.7
1/4		6.1	33.3
S		6.8	32.6

39.36

3+50		
S	6.3	33.1
Crb	5.8	33.6
1/4	5.2	34.2
+9	4.4	35.0
M	3.7	35.7
N. Rail	3.7	35.7
+5	4.4	35.0
1/4	4.1	35.3
Crb	3.8	35.6
N	3.1	36.3
3+75		
N	2.7	36.7
Crb	3.2	36.2
1/4	3.5	35.9
+8	4.0	35.4
N. Rail	3.3	36.1
M	3.4	36.0
+4	4.2	35.2
1/4	4.6	34.8
Crb	5.2	34.2
S	6.1	33.3

4+00		
S	5.2	34.2
Crb	5.1	34.3
1/4	4.3	35.1
+9	3.8	35.6
M	3.1	36.3
N. Rail	3.0	36.4
+5	3.7	35.7
1/4	3.4	36.0
Crb	3.0	36.4
N	2.4	37.0
4+25		
N	2.2	37.2
Crb	2.7	36.7
1/4	3.0	36.4
+8	3.3	36.1
N. Rail	2.7	36.7
M	2.9	36.5
+4	3.5	35.9
1/4	3.8	35.6
Crb	4.5	34.9
S	4.8	34.6

POSTED

	39.36		
	4+50		
S		4.6	34.8
crb		4.3	35.1
1/4		3.6	35.8
+9		3.2	36.2
M		2.5	36.9
N. rail		2.4	37.0
+ 5		3.1	36.3
1/4		2.6	36.8
crb		2.4	37.0
N.		2.0	37.4
	4+75		
N		1.8	37.6
crb		1.8	37.6
1/4		2.3	37.1
+8		2.9	36.5
N. rail		2.2	37.2
M		2.3	37.1
+4		2.9	36.5
1/4		3.3	36.1
crb		3.7	35.7
S		4.2	35.2

	5+00		
S		4.1	35.3
crb		3.1	36.3
1/4		3.1	36.3
+9		2.6	36.8
M.		2.0	37.4
N. rail		1.9	37.5
+ 5		2.6	36.8
1/4		2.1	37.3
crb		1.7	37.7
N		1.6	37.6
	5+25		
N		0.9	38.5
crb		1.6	37.8
1/4		1.9	37.5
+8		2.3	37.1
N. rail		1.7	37.7
M		1.8	37.6
+4		2.3	37.1
1/4		3.4	36.0
crb		3.3	36.1
S		3.9	35.5

		39.36		
		5+50		
5			3.5	35.9
crb			3.0	36.4
1/4			3.1	36.3
+9			2.3	37.1
M			1.6	37.8
N. rail			1.5	37.9
+5			2.1	37.3
1/4			1.6	37.8
crb			1.4	38.0
N			1.0	38.4
		5+75		
N			0.5	38.9
crb			1.1	38.3
1/4			1.2	38.2
+8			1.8	37.6
N rail			1.3	38.1
M			1.4	38.0
+4			2.1	37.3
1/4			2.6	36.8
crb			2.4	37.0
S			2.2	37.2

		6+00 = W.L. Evans		
S			1.7	37.7
crb			2.0	37.4
1/4			1.7	37.7
+9			1.6	37.8
M			1.3	38.1
N. rail			1.2	38.2
+5			1.4	38.0
1/4			0.6	38.8
crb			0.3	39.1
N			−0.2	39.6
T.P.	4.56	42.04	1.88	37.48

Evans Graded

42.04

E.L. Evans

N	1.7	40.3
crb	2.5	39.5
1/4	2.0	40.0
+8		
N.r2.1	3.9	38.1
M	3.5	38.5
+4	3.6	38.4
1/4	3.8	38.2
	4.2	37.8
crb	3.6	38.4
S	4.2	37.8

0+25

S	3.7	38.3
crb	3.5	38.5
1/4	4.0	38.0
+9	4.3	37.7
M	3.5	38.5
N.r2.1	3.5	38.5
+5	4.2	37.8
+7	4.1	37.9
+10	2.1	39.9
1/4	2.3	39.7
crb	2.2	39.8
N	1.4	40.6

0+50

N	1.4	40.6
crb	1.9	40.1
1/4	2.0	40.0
+2		
+5	1.7	40.3
+8	4.1	37.9
N.r2.1	4.2	37.8
M	3.5	38.5
+4	3.7	38.3
+7	4.3	37.7
1/4	3.5	38.5
	3.1	38.9
crb	3.8	38.7
S	3.6	38.4

0+75

S	3.8	38.2
crb	3.5	38.5
1/4	3.1	38.9
+6	3.5	38.5
+9	4.2	37.8
M	3.5	38.5
N.r2.1	3.5	38.5
+5	4.2	37.8
+7	4.2	37.8
+10	2.5	39.5
1/4	2.2	39.8
crb	1.8	40.2
N	1.3	40.7

42.04

1+00		
N	1.9	40.1
crb	2.1	39.9
1/4	3.2	38.8
+3	2.7	39.2
+6	4.3	37.7
+8	4.1	37.9
N.R.2.1	3.5	38.5
M	3.5	38.5
+4	4.2	37.8
+10	3.1	38.9
1/4	2.9	39.1
crb	3.6	38.4
S	4.1	37.9
1+25		
S	4.4	37.6
crb	4.0	38.0
1/4	3.5	38.5
+9	4.2	37.8
M	3.5	38.5
N.R.2.1	3.5	38.5
+5	4.2	37.8
+7	4.3	37.7
+10	3.0	39.0
1/4	2.8	39.2
crb	2.6	39.4
N	2.3	39.7

1+50		
N	2.5	39.5
crb	2.9	39.1
1/4	3.5	38.5
+8	4.1	37.9
N.R.2.1	3.5	38.5
M	3.5	38.5
+4	4.2	37.8
1/4	4.0	37.0
crb	4.3	37.7
S	4.8	37.2
1+75		
S	5.5	36.5
crb	5.3	36.7
1/4	4.9	37.1
+9	4.2	37.8
M	3.5	38.5
N.R.2.1	3.5	38.5
+5	4.2	37.8
1/4	3.8	38.2
crb	3.7	38.3
N	3.3	38.7

	42.04		
	2+00		
N		3.5	38.5
crb		3.6	38.4
1/4		4.4	37.6
+8		4.3	37.7
N. rail		3.5	38.5
M		3.6	38.4
+4		4.3	37.7
1/4		5.1	36.9
crb		5.2	36.8
S		5.7	36.3
	2+25		
S		5.9	36.1
crb		5.4	36.6
1/4		5.3	36.7
+9		4.3	37.7
M		3.6	38.4
N. rail		3.5	38.5
+5		4.2	37.8
1/4		4.6	37.4
crb		3.8	38.2
N		3.4	38.6

	2+50		
N		3.3	38.7
crb		3.6	38.4
1/4		4.0	38.0
+5		4.0	38.0
N. rail		3.5	38.5
M		3.6	38.4
+5		4.3	37.7
1/4		5.2	36.8
crb		5.8	36.2
S		5.9	36.1
	2+75		
S		6.0	36.0
crb		5.6	36.4
1/4		5.4	36.6
+9		4.3	37.7
M		3.6	38.4
N. rail		3.6	38.4
+5		4.4	37.6
1/2		3.9	38.1
crb		3.4	38.6
N		3.2	38.8

42.04

3+00		
N	3.7	38.3
crb	3.9	38.1
1/4	4.9	37.1
+8	4.3	37.7
N.F.&I.	3.6	38.4
M	3.7	38.3
+4	4.5	37.5
1/4	5.8	36.2
crb	5.9	36.1
S	5.5	36.5
3+25		
S	5.5	36.5
crb	5.9	36.1
1/4	6.0	36.0
+4	5.9	36.1
+9	4.4	37.6
M	3.8	38.2
N.F.&I.	3.7	38.3
+5	4.5	37.5
1/4	4.7	37.3
crb	4.3	37.7
N	4.1	37.9

3+50		
N	3.9	38.1
crb	4.2	37.8
1/4	4.8	37.2
+8	4.5	37.5
N.F.&I.	3.7	38.3
M	3.8	38.2
+4	4.5	37.5
+6	4.8	37.2
+10	6.0	36.0
1/4	6.1	35.9
crb	6.0	36.0
S	6.0	36.0
3+75		
S	6.4	35.6
crb	6.2	35.8
1/4	6.0	36.0
+3	6.2	35.8
+6	4.7	37.3
+9	4.5	37.5
M	3.8	38.2
N.F.&I.	3.8	38.2
+5	4.5	37.5
1/4	4.9	37.1
crb	4.5	37.5
N	4.2	37.8

POSTED

42.04

4+00

N	4.2	37.8
crb	4.8	37.2
1/4	5.1	36.9
+8	4.6	37.4
N. rail	3.8	38.2
M	3.8	38.2
+4	4.7	37.3
+7	4.8	37.2
+10	6.0	36.0
1/4	6.3	35.7
crb	6.2	35.8
S	6.2	35.8

4+25

S	6.5	35.5
crb	6.2	35.8
1/4	6.3	35.7
+3	6.1	35.9
+7	4.7	37.3
+9	4.6	36.4
M	3.9	38.1
N. rail	3.8	38.2
+5	4.6	37.4
1/4	5.0	37.0
crb	4.6	37.4
N	4.0	38.0

4+50

N	4.5	37.0
crb	4.6	36.4
1/4	5.7	36.3
+4	5.6	36.4
+7	4.6	37.4
+8	4.6	37.4
N. rail	3.8	38.2
M	4.0	38.0
+4	4.7	37.3
+7	4.9	37.1
+10	6.1	35.9
1/4	6.4	35.6
crb	6.4	35.6
S	6.6	35.4

4+75

S	6.9	35.1
crb	6.8	35.2
1/4	6.5	35.5
+6	4.8	37.2
+9	4.6	37.4
M	3.9	38.1
N. rail	3.8	38.2
+5	4.6	37.4
+7	4.7	37.3
+10	5.8	36.2
1/4	5.9	36.1
crb	5.0	37.0
N	4.5	37.5

42.04

5+00

N	4.4	37.6
crb	4.9	37.1
1/4	5.0	37.0
+ 8	4.6	37.4
N. Rail	3.8	38.2
M	3.9	38.1
+ 4	4.6	37.4
+ 7	4.9	37.1
+ 10	5.8	36.2
1/4	5.9	36.1
crb	6.9	35.1
S	7.0	35.0

5+25

S	6.8	35.2
crb	6.5	35.5
1/4	5.8	36.2
+ 3	5.7	36.3
+ 7	4.7	37.3
+ 9	4.6	37.4
M.	3.9	38.1
N. Rail	3.9	38.1
+ 5	4.6	37.4
1/4	5.1	36.9
crb	4.5	37.5
N	4.4	37.6

5+50

N	4.3	37.7
crb	4.4	37.6
1/4	4.7	37.3
+ 8 =	4.7	37.3
N. Rail	3.9	38.1
M	3.9	38.1
+ 4	4.7	37.3
1/4	5.6	36.4
crb	6.1	35.9
S	5.6	36.4

5+75

S	5.0	37.0
crb	5.5	36.5
1/4	4.8	37.2
+ 9	4.7	37.3
M	3.9	38.1
N. Rail	3.9	38.1
+ 5	4.6	37.4
1/4	4.5	37.5
Crb	4.3	37.7
N	3.5	38.5

42.04

6+00 = W.L. Sampson

N	3.3	
Crb	4.2	37.8
1/4	4.3	37.7
+8 = 2' N of N rail	4.6	37.4
N. rail = +10	3.9	38.1
M	4.0	38.0
+4 = 2' S of S rail	4.6	37.4
1/4	4.8	37.2
Crb	5.4	36.6
S	5.0	37.0
B.M. SPK S.W. trolley pole Sampson	4.62	

POSTED

X-section 10th St "B" St to Ash 9/29/68 Dumkle Shaw Thomas

B.M. 73.14 Spk telephone pole S.W. Cor. 10th & "A" St

	+ R	H.I.	− R	
B.M.	4.91	78.05		73.14
	N.L. "B" St			POSTED
E.L			4.7	73.4
crb			5.4	72.7
Gutter			5.4	72.7
1/4			5.3	72.8
M			5.6	72.5
1/4			6.3	71.8
Gutter			6.5	71.6
crb			6.5	71.6
W.L.			6.5	71.6
		0+25 N		
W.L			6.3	71.8
crb			6.1	72.0
Gtr			7.0	71.1
1/4			6.2	71.9
M			5.8	72.3
1/4			5.6	72.5
Gtr			5.8	72.3
crb			5.4	72.7
E			5.1	73.0

	0+50		
E		4.9	73.2
crb		5.4	72.7
Gtr		5.9	72.2
1/4		5.6	72.5
M		5.7	72.4
1/4		6.1	72.0
Gtr		7.0	71.1
Crb		6.4	71.7
W		6.4	71.7
	0+75		
W		6.2	71.9
crb		6.4	71.7
Gtr		6.9	71.2
1/4		6.4	71.7
M		5.7	72.4
1/4		5.6	72.5
Gtr		5.8	72.3
crb		5.4	72.7
E.		4.8	73.3

POSTED

78.05

1+00

E	4.7	73.4
crb	5.6	72.5
Gtr	5.8	72.3
1/4	5.6	72.5
M	5.6	72.5
1/4	6.1	72.0
Gtr	6.8	71.3
crb	6.2	71.9
W	6.0	72.1

1+25

W	6.1	72.0
crb	6.1	72.0
Gtr	6.7	71.4
1/4	6.3	71.8
M	5.6	72.5
1/4	5.5	72.6
Gtr	5.9	72.2
crb	5.7	72.4
E,	4.7	73.4

1+50

E	5.1	73.0
crb	5.6	72.5
Gtr	6.0	72.1
1/4	5.6	72.5
M	5.6	72.5
1/4	6.1	72.0
Gtr	6.6	71.5
crb	6.0	72.1
W	5.8	72.3

1+75

W	6.1	72.0
crb	5.9	72.2
Gtr	6.5	71.7
1/4	6.1	72.0
M	5.5	72.6
1/4	5.6	72.5
Gtr	5.9	72.2
crb	5.6	72.5
E	5.1	73.0

78.05

2+00 N

E	4.7	73.4
crb	5.7	72.4
Gtr	5.9	72.2
1/4	5.6	72.5
M	5.5	72.6
1/4	5.9	72.2
Gtr	6.5	71.6
crb	6.0	72.1
W	6.3	71.8

2+25

W	6.1	72.0
crb	6.0	72.1
Gtr	6.4	71.7
1/4	5.9	72.2
M	5.5	72.6
1/4	5.4	72.7
Gtr	5.9	72.2
crb	5.5	72.6
E	5.0	73.1

2+50

E	4.9	73.2
crb	5.2	72.9
Gtr	5.8	72.3
1/4	5.3	72.8
M	5.4	72.7
1/4	5.8	72.3
Gtr	6.4	71.7
crb	5.7	72.4
W	5.6	72.5

2+75

W	5.4	72.7
crb	5.5	72.6
Gtr	6.1	72.0
1/4	5.5	72.6
M	5.2	72.9
1/4	5.2	72.9
crb	5.8	72.3
Gtr	5.2	72.9
E	4.7	73.4

78.05

3+00 = S.L. A" St

E	4.7	73.4
crb	5.0	73.1
lgtr	5.8	72.3
1/4	5.3	72.8
M	5.1	73.0
1/4	5.4	72.7
lgtr	5.9	72.2
crb	5.4	72.7
W.	5.2	72.9

S curb

W	5.4	72.7
crb	5.9	72.2
lgtr	6.1	72.0
1/4	5.4	72.7
M	5.1	73.0
1/4	5.3	72.8
lgtr	5.7	72.4
crb	5.3	72.8
E	5.0	73.1

5 1/4 A" St

E	4.9	73.2
crb	5.2	72.9
1/4	5.3	72.8
M	5.1	73.0
1/4	5.5	72.6
crb	5.8	72.3
W	5.5	72.6

center

W	5.2	72.9
crb	5.7	72.4
1/4	5.3	72.8
M	4.9	73.2
1/4	5.0	73.1
crb	5.1	73.0
E	4.7	73.4

78.05

N 1/4

E	4.6	73.5
crb	4.9	73.2
1/4	5.0	73.1
M	4.9	73.2
1/4	5.1	73.0
crb	5.6	72.5
W	5.1	73.0

N curb

W	5.0	73.1
crb	5.4	72.7
Gtr	5.9	72.2
1/4	5.1	73.0
M	4.9	73.2
1/4	4.9	73.2
Gtr	5.8	72.2
crb	5.2	72.9
E	5.0	73.1

N.L. "A" St

E	4.7	73.4
crb	5.0	73.1
Gt	5.5	72.6
1/4	4.7	73.4
M	4.7	73.4
1/4	4.9	73.2
Gtr	5.4	72.7
crb	5.0	73.1
W	4.8	73.3

0+25'

W	5.0	73.1
crb	5.1	73.0
Gtr	5.2	72.9
1/4	4.8	73.3
M	4.4	73.7
1/4	4.7	73.4
Gtr	5.2	72.9
crb	4.9	73.2
E	4.5	73.6

POSTED

78.05

0+50

E	4.4	73.7
crb	4.7	73.4
Gtr	5.1	73.0
1/4	4.6	73.5
M	4.4	73.7
1/4	4.7	73.4
Gtr	4.8	73.3
crb	4.4	73.7
W	4.7	73.4

0+75

W	4.4	73.7
crb	4.3	73.8
Gtr	4.6	73.5
1/4	4.4	73.7
M	4.2	73.9
1/4	4.5	73.6
Gtr	4.8	73.3
crb	4.4	73.7
E	3.9	74.2

1+00

E	4.0	74.1
crb	4.3	73.8
Gtr	4.3	73.8
1/4	4.1	74.0
M	3.8	74.3
1/4	4.1	74.0
Gtr	4.2	73.9
crb	4.2	73.9
W	4.2	73.9

1+25 N

W	3.9	74.2
crb	3.8	74.3
Gtr	3.8	74.3
1/4	3.6	74.5
M	3.4	74.7
1/4	3.6	74.5
Gtr	4.1	74.0
crb	3.7	74.4
E	3.8	74.3

78.05

1+50

E crb	3.5	74.6
	3.2	74.9
Gtr	3.7	74.4
1/4	3.2	74.9
M	3.0	75.1
1/4	3.1	75.0
Gtr	3.4	74.7
crb	3.2	74.9
W	3.4	74.7

1+75

W crb	3.1	75.0
	2.6	75.5
Gtr	2.8	75.3
1/4	2.6	75.6
M	2.4	75.7
1/4	2.7	75.4
Gtr	3.2	74.9
crb	2.5	74.6
E	3.2	74.9

2+00

E crb	2.4	75.7
	2.0	76.1
Gtr	2.5	75.6
1/4	2.1	76.0
M	1.9	76.2
1/4	2.0	76.1
Gtr	2.2	75.9
crb	2.0	76.1
W	2.0	76.1

2+25

W crb	1.0	77.1
	1.3	76.8
Gtr	1.6	76.5
1/4	1.3	76.8
M	1.3	76.8
1/4	1.6	76.5
Gtr	2.2	75.9
crb	1.5	76.6
E	1.7	76.4

78.05

2+50

E			0.8	77.3
crb			1.1	77.0
Gtr			1.7	76.4
1/4			0.8	77.3
M			0.5	77.6
1/4			0.6	77.5
Gtr			0.9	77.2
crb			0.1	78.0
W			0.1	78.0
T. P.	7.55	84.78	0.82	77.23

2+75' N

W			5.3	79.5
crb			6.1	78.7
Gtr			7.1	77.7
1/4			6.4	78.4
M			6.4	78.4
1/4			7.1	77.7
Gtr			7.9	76.9
crb			7.1	77.7
E			7.0	77.8

84.78

3+00 = S.L. Ash St

E			6.6	78.2
crb			6.5	78.3
Gtr			7.0	77.8
1/4			6.4	78.4
M			5.7	79.1
1/4			5.3	79.5
Gtr			5.6	79.2
crb			4.6	80.2
W			4.2	80.6

POSTED

X-Section "A" for 50' on each side of 10th St

4/24/08 Dunkle Shane Thomas

B.M. 73.14 spk. telephone pole SW cor 10th & "A" St.

B.M	4.91	78.05	73.14	
	E.L. 10th St			
S			4.7	73.4
crb			5.0	73.1
Gtr			5.3	72.8
1/4			4.8	73.3
M			4.7	73.4
1/4			4.6	73.5
Gtr			5.2	72.9
crb			5.0	73.1
N			4.7	73.4
	0+25' E			
N			3.4	74.7
crb			3.6	74.5
Gtr			4.4	73.7
1/4			3.9	74.2
M			3.9	74.2
1/4			3.9	74.2
Gtr			4.4	73.7
crb			3.6	74.5
S			3.5	74.6

POSTED

	0+50 E			
S			2.0	76.1
crb			2.1	76.0
Gtr			3.0	75.1
1/4			2.5	75.6
M			2.6	75.5
1/4			2.7	75.4
Gtr			3.2	74.9
crb			2.2	75.9
N			2.0	76.1
	W.L. 10th St			
N			4.8	73.3
crb			5.0	73.1
Gt			5.4	72.7
1/4			5.1	73.0
M			5.2	72.9
1/4			5.5	72.6
Gtr			5.7	72.4
crb			5.5	72.6
S			5.2	72.9

78.05

0+25' W of 10th on "A" St

S		
crb	4.1	74.0
gtr	4.3	73.8
	5.0	73.1
1/4	4.4	73.7
M	4.1	74.0
1/4	4.1	74.0
gtr	4.5	73.6
crb	3.5	74.6
N	3.6	74.5

POSTED

0+50' W

N		
crb	1.7	76.4
gtr	2.0	76.1
	2.9	75.2
1/4	2.4	75.7
M	2.6	75.5
1/4	3.0	75.1
gtr	3.7	74.4
crb	3.0	75.1
S	2.8	75.3

POSTED

3 Hatch
16 Movd
09 Dezil

Xsections Newton Ave

W. Sampson and BM Newton	5.00	42.03		37.03
		EL. Sampson		
S			4.5	37.5
cb			4.4	37.6
1/4			4.4	37.6
+10 = 2'S of Rail			4.6	37.4
+19 = 2'N " "			4.6	37.4
1/4			3.6	38.4
cb			2.6	39.4
N			1.9	40.1
		50' E of		
N			1.7	40.3
cb			2.7	39.3
1/4 +8'			3.0	39.0
2'N of Rail			4.8	37.2
Cr + 3 = 2'S "			4.8	37.2
1/4			4.1	37.9
cb			4.7	37.3
S			5.1	36.9

TED
OSTED

		42.03		
		100' E of		
S			5.3	36.7
cb			5.0	37.0
1/4			4.5	37.5
+4			4.5	37.5
+10 2'S of R.			5.0	37.0
Cr+5=2'N " "			4.9	37.1
Cr+11			3.0	39.0
1/4			3.0	39.0
cb			2.8	39.2
N			1.7	40.3
		150' E of		
N			2.3	39.7
cb			2.5	39.5
1/4			3.4	38.6
+2			3.5	38.5
+8 = 2'N of R.			5.0	37.0
Cr + 3 = 2'S "			5.1	36.9

		4203		
+7			4.3	37.7
1/4			4.1	37.9
cb			4.9	37.1
S			5.2	36.8
	200' E			
S			5.6	36.4
cb			5.1	36.9
1/4			5.2	36.8
+10 = 2' S of Rail			5.5	36.5
Cr + 5 = " N " "			5.4	36.6
1/4			4.5	37.5
cb			3.9	38.1
N			3.8	38.2
	250 E Sampson			
N			4.6	37.4
cb			5.1	36.9
1/4			5.1	36.9

		4203		
+4			5.0	37.0
+8' = 2' N of Rail			5.6	36.4
Cr + 3 = 2' S " "			5.7	36.3
1/4			6.4 5.7	35.6 36.3
cb			5.7	36.3
S			6.4	35.6
	300' E of Sampson			
S			7.6	34.4
cb			6.6	35.4
+7			6.1	35.9
1/4			6.9	35.1
+10' = 2' S of SR.			5.9	36.1
Cr + 5 = 2' N " NR.			5.9	36.1
1/4			6.0	36.0
cb			5.7	36.3
N			5.3	36.7

4203

350' E of Sampson

N	3.8	38.2
cb	4.8	37.2
1/4	5.3	36.7
+8' = 2' N of Rail	6.0	36.0
Cr + 3 = 2' S of Rail	6.0	36.0
1/4	6.0	36.0
cb	6.5	35.5
S	7.3	34.7

400' E of Sampson

S	6.8	35.2
cb	6.3	35.7
1/4	6.1	35.9
+10 = 2' S of R	6.2	35.8
Cr + 5 = 2' N " "	6.1	35.9
1/4	5.2	36.8
cb	5.2	36.8
N	4.3	37.7

POSTED

4203

450' E of Sampson

N	6.3	35.7
cb	7.3	34.7
1/4	8.0	34.0
+5	7.6	34.4
+8 = 2' N of Rail	6.1	35.9
Cr + 3 = 2' S of "	6.2	35.8
+10'	8.3	33.7
1/4	8.5	33.5
cb	7.8	34.2
S	8.1	33.9

500' E of Sampson

S	10.2	31.8
cb	10.0	32.0
1/4	9.5	32.5
+10 = 2' S of R.	6.2	35.8
Cr + 5 = 2' N of "	6.1	35.9

		42.03		
1/4			8.7	33.3
cb			7.9	34.1
N			6.3	35.7
		550 E of Dampson		
N			5.9	36.1
cb			6.5	35.5
1/4			7.5	34.5
+8 = 2' N of Rail			6.3	35.7
cr + 3 = 2' S of R.			6.3	35.7
+10			7.4	34.6
1/4			7.5	34.7
cb			7.7	34.3
S			7.8	34.2
T.P.	343	39.96	5.70	36.33
		600 E of Dampson = W.H. Siccard		
S			4.7	35.3
cb			4.1	35.9

		39.96		
1/4			4.3	35.7
+10 = 2' S of R			4.0	36.0
cr + 5'			4.2	35.8
+ 5'			3.3	36.7
1/4			3.7	36.3
+ 8'			3.4	36.6
			2.7	37.3
cb			2.5	37.5
N.			2.0	38.0
		W Cb Siccard		
N			1.5	38.2
cb			2.6	37.4
+ 6'			2.8	37.2
			3.7	36.3
1/4			3.9	36.1
+9 = 1' N of Rail			4.2	35.8
cr + 4 = 2' S "			4.0	36.0
1/4			4.6	35.4
cb			5.0	35.0
S			4.6	35.4

39.96

W ¼ Siccard

S	4.6	35.4
cb	5.1	34.9
¼	4.5	35.5
+9' = 2's of Rail	4.0	36.0
Cr+4 = 2'N " "	4.2	35.8
¼	4.0	36.0
+6'	3.5 / 3.9	36.5 / 37.1
cb	2.4	37.6
N	2.0	38.0

Cr. Siccard

N.	2.7	37.3
cb	3.2	36.8
¼	4.2	35.8
+9' = 2'N of R.	3.6	36.4
Cr+4 = 2's of "	3.5	36.5
¼	4.7	35.3

39.96

cb.	5.0	35.0
S	4.7	35.3

E ¼ Siccard

S	5.1	34.9
cb	5.1	34.9
¼	5.0	35.0
+9 = 2's of R.	3.4	36.6
Cr+4 = 2'N " "	3.7	36.3
¼	4.4	35.6
cb	3.7	36.3
N	3.2	36.8

E cb Siccard

N	3.5	36.5
cb	4.0	36.0
¼	4.2	35.8
+9' 2'N of R.	3.7	36.3
Cr+4' 3's " R	3.4	36.6
¼	5.1	34.9

39.96

cb	5.3	34.7
S	5.4	34.6
E. Liccard		
S	5.5	34.5
cb	5.4	34.6
1/4	5.3	34.7
+9 = 2' S of R.	4.0	36.0
C+4 = 2' N of R.	4.1	35.9
1/4	4.2	35.8
cb	4.0	36.0
N	3.6	36.4
50' E of Liccard		
N	4.0	36.0
cb	4.6	35.4
1/4	4.9	35.1
+8 = 2' N of R.	4.2	35.8
Cr +2 = " S " "	3.5	36.5

POSTED

39.96

+9	5.6	34.4
1/4	6.0	34.0
+11	5.4	34.6
cb	5.2	34.8
S	5.5	34.5
100' E		
cb + 5 = Fence.	5.1	34.9
1/4	6.1	33.9
+7	5.9	34.1
Cr.	3.4	36.6
+1' = 2' S of R.	3.4	36.6
+9' = " N " "	4.1	35.9
1/4	4.3	35.7
cb	4.6	35.4
N	4.2	35.8
150' E		
N	4.2	35.8
cb	4.2	35.8
+6 = 2' N of R.	3.9	36.1

		39.96		
1/4 + 3'			3.3	36.7
+ 9'			5.4	34.6
cr.			6.2	35.8
1/4 = Fence			5.2	34.8
200' E of Quicard				
1/4 + 11 = Fence			4.9	35.1
cr			5.4	34.6
1/4			5.8	34.2
+ 7			5.2	34.8
cb.	= 2' S of R.		3.0	37.0
+ 8'	= 2' N. " "		3.8	36.2
N.			3.6	36.4
250' E				
N			4.5	35.5
cb			5.3	34.7
1/4			5.6	34.4
+ 10 = Fence			5.0	35.0

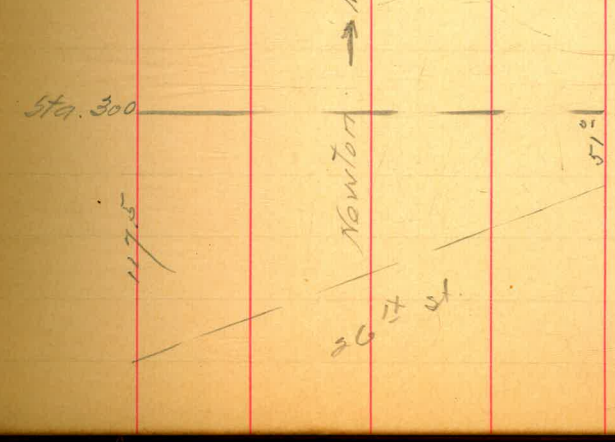
		39.96			
300' E					
1/4 = Fence			4.9	35.1	
cb			4.9	35.1	
N			4.5	35.5	
357 E of Quicard = WL 26th on N.					
N			4.4	35.6	
cb			5.1	34.9	
+ L			4.7	35.3	
T.P.	6.24	41.60	4.60	35.36	
WL. 26th					
N.			6.0	35.6	
cb			6.6	35.0	
1/4			6.6	35.0	
C			6.8	34.8	
1/4			7.3	34.3	
cb			7.3	34.3	
S			7.3	34.3	
BM check (26th grand)			2.50	39.10	39.033

BM 26th Grand.	2.13	39.16		39.03
	3.78	37.70	5.24	33.92
		100' E of Siccard		
S			4.5	33.2
cb			4.3	33.4
		150' E		
S			4.3	33.4
cb.			4.2	33.5
1/4			3.7	34.0
		200' E		
S			4.1	33.6
cb			3.9	33.8
1/4			3.5	34.2
		250' E		
S			4.4	33.3
cb			4.2	33.5
1/4			3.8	33.9
cr.			3.2	34.5

POSTED

		37.70		
		300' E		
S			4.4	33.3
cb.			3.9	33.8
1/4			3.7	34.0
C			3.5	34.2
		351' E		
S			4.5	33.2
cb			4.2	33.5
1/4			3.9	33.8
S			3.6	34.1
1/4			3.0	34.7

POSTED



DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

For Single Track Embankment.

Roadway 14 feet wide. Side Slopes $1\frac{1}{2}$ to 1.

	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	7.0	7.2	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	0
1	8.5	8.7	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.9	1
2	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.1	11.2	11.4	2
3	11.5	11.7	11.8	12.0	12.1	12.3	12.4	12.6	12.7	12.9	3
4	13.0	13.2	13.3	13.5	13.6	13.8	13.9	14.1	14.2	14.4	4
5	14.5	14.7	14.8	15.0	15.1	15.3	15.4	15.6	15.7	15.9	5
6	16.0	16.2	16.3	16.5	16.6	16.8	16.9	17.1	17.2	17.4	6
7	17.5	17.7	17.8	18.0	18.1	18.3	18.4	18.6	18.7	18.9	7
8	19.0	19.2	19.3	19.5	19.6	19.8	19.9	20.1	20.2	20.4	8
9	20.5	20.7	20.8	21.0	21.1	21.3	21.4	21.6	21.7	21.9	9
10	22.0	22.2	22.3	22.5	22.6	22.8	22.9	23.1	23.2	23.4	10
11	23.5	23.7	23.8	24.0	24.1	24.3	24.4	24.6	24.7	24.9	11
12	25.0	25.2	25.3	25.5	25.6	25.8	25.9	26.1	26.2	26.4	12
13	26.5	26.7	26.8	27.0	27.1	27.3	27.4	27.6	27.7	27.9	13
14	28.0	28.2	28.3	28.5	28.6	28.8	28.9	29.1	29.2	29.4	14
15	29.5	29.7	29.8	30.0	30.1	30.3	30.4	30.6	30.7	30.9	15
16	31.0	31.2	31.3	31.5	31.6	31.8	31.9	32.1	32.2	32.4	16
17	32.5	32.7	32.8	33.0	33.1	33.3	33.4	33.6	33.7	33.9	17
18	34.0	34.2	34.3	34.5	34.6	34.8	34.9	35.1	35.2	35.4	18
19	35.5	35.7	35.8	36.0	36.1	36.3	36.4	36.6	36.7	36.9	19
20	37.0	37.2	37.3	37.5	37.6	37.8	37.9	38.1	38.2	38.4	20
21	38.5	38.7	38.8	39.0	39.1	39.3	39.4	39.6	39.7	39.9	21
22	40.0	40.2	40.3	40.5	40.6	40.8	40.9	41.1	41.2	41.4	22
23	41.5	41.7	41.8	42.0	42.1	42.3	42.4	42.6	42.7	42.9	23
24	43.0	43.2	43.3	43.5	43.6	43.8	43.9	44.1	44.2	44.4	24
25	44.5	44.7	44.8	45.0	45.1	45.3	45.4	45.6	45.7	45.9	25
26	46.0	46.2	46.3	46.5	46.6	46.8	46.9	47.1	47.2	47.4	27
27	47.5	47.7	47.8	48.0	48.1	48.3	48.4	48.6	48.7	48.9	27
28	49.0	49.2	49.3	49.5	49.6	49.8	49.9	50.1	50.2	50.4	28
29	50.5	50.7	50.8	51.0	51.1	51.3	51.4	51.6	51.7	51.9	29
30	52.0	52.2	52.3	52.5	52.6	52.8	52.9	53.1	53.2	53.4	30
31	53.5	53.7	53.8	54.0	54.1	54.3	54.4	54.6	54.7	54.9	31
32	55.0	55.2	55.3	55.5	55.6	55.8	55.9	56.1	56.2	56.4	32
33	56.5	56.7	56.8	57.0	57.1	57.3	57.4	57.6	57.7	57.9	33
34	58.0	58.2	58.3	58.5	58.6	58.8	58.9	59.1	59.2	59.4	34
35	59.5	59.7	59.8	60.0	60.1	60.3	60.4	60.6	60.7	60.9	35
36	61.0	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.2	62.4	36

Calculated by Julien A. Hall, M. Am. Soc. C. E.