

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

LEVEL BOOK

400

F.B. 328

H. S. CROCKER COMPANY

DRAWING MATERIALS AND
SURVEYING INSTRUMENTS

SAN FRANCISCO

328

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.

MISSOURI 4115

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

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

LORING & CO., AGENTS.
762 FIFTH STREET,
SAN DIEGO, CALIFORNIA

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Isl. pole. at 50551015 280.62

Cross Section Sierra Vista from H. 30

eyebolt in Gate Box
 B.M. 3.59 278.81 275.22
 T.P. 0.67 267.23 12.25 266.56
 N.E. Cor. Sierra Vista and H. Stockton 1.00 266.23 = B.M.

N. side H. Stockton Drive

E. 1.0 266.2
 ch. 1.5
 W. 1.5
 ch. 1.7
 1/4 1.7
 ch. 2.0
 W. 2.2 265.0

POSTED

0 + 25 N.

W. 2.2 265.0
 ch. 2.1
 1/4 2.1
 C. 2.2
 1/4 2.5
 ch. 2.6
 E. 3.2 264.0

S. side Broadway

E. 4.8 262.4
 ch. 4.6
 1/4 4.4
 C. 4.2
 1/4 4.0
 ch. 3.5
 W. 3.1 264.1

POSTED

267.23

S. curb Broadway.

rr.	5.1	262.1
cb.	5.8	
1/4	6.0	
c	5.9	
1/4	6.0	
cb.	5.9	
E	5.5	261.7

S 1/4 Broadway.

E.	5.4	261.8
cb.	6.3	
1/4	6.6	
c	6.9	
1/4	6.6	
cb.	6.7	
rr.	6.6	260.6

2

Center Broadway.

rr.	8.3	258.9
cb.	7.9	
1/4	10.5	
1/4	12.2	
c	8.8	
1/4	9.4	
cb.	5.9	
E	5.4	261.8

N. 1/4 Broadway.

E.	8.3	261.9
cb.	5.9	
1/4	6.7	
c	7.7	
1/4	10.1	
cb.	12.4	
rr.	9.1	258.1

N. Carb Broadway.

W.	13.6	
Ch.	8.8	
1/4	8.0	
c.	7.4	
1/4	6.7	
Ch.	6.1	
E.	5.5	

N. Line Broadway.

E.	5.6	261.6
Ch.	6.4	
1/4	7.0	
c.	7.5	
1/4	7.9	
Ch.	8.5	
11' West	10.5	
W.	13.2	254.0

25' N. of Broadway.

3

W.	7.7	259.5
Ch.	7.4	
1/4	7.0	
c.	6.5	
1/4	6.4	
Ch.	6.4	
E.	5.5	261.7

50' N.

E.	2.8	264.4
Ch.	3.0	
1/4	3.5	
c.	4.0	
1/4	4.1	
Ch.	4.4	
W.	4.4	262.8

75' N.

W.	269.23	20	265.2
ch.		1.6	
1/4		1.4	
c.		1.2	
1/2		1.0	
ch.		0.9	
E.		0.4	266.8
T.P.	3.60	270.49	0.34 266.89

100' N.

E.		2.1	265.1
ch.		2.7	
1/4		2.8	
c.		3.2	
1/2		3.4	
ch.		3.7	
W.		4.0	263.2

1+25 = S. side alley.

W.	28	264.4
ch.	2.4	
1/4	2.1	
c.	2.0	
1/2	1.8	
ch.	1.5	
E.	1.4	265.8

N. side alley.

E.	1.1	266.1
ch.	1.3	
1/4	1.6	
c.	1.5	
1/2	1.7	
ch.	1.9	
W.	2.6	264.6

POSTED

1750

W.	270.49	2.5	268.5
cb.		2.1	268.4
1/4		1.9	268.6
c.		1.6	268.9
1/4		1.5	269.0
cb.		1.4	269.1
E.		1.0	269.5

1775

E.	270.5	1.2	269.3
cb.		1.5	269.0
1/4		1.8	268.7
c.		1.8	268.7
1/4		1.9	268.6
cb.		2.2	268.3
W.		2.8	267.7

2100

W.	270.5	3.8	266.7
cb.		3.0	267.5
1/4		2.8	267.7
c.		2.6	267.9
1/4		2.3	268.2
cb.		2.0	268.5
E.		1.5	268.0

2125

E.	270.5	1.6	268.9
cb.		2.2	268.3
1/4		3.0	267.5
c.		3.7	267.8
1/4		4.1	266.4
cb.		4.6	265.9
W.		5.2	265.3

2450

W.	270.5	7.2	263.3
Cl.		6.1	264.4
1/4		5.5	265.0
C.		4.5	266.0
1/4		3.4	267.1
Cl.		2.7	267.8
E.		2.1	268.4

2475

E.	270.5	2.8	267.7
Cl.		3.6	266.9
1/4		4.9	265.6
C.		5.7	264.8
1/4		6.7	263.8
Cl.		7.8	262.7
W.		9.5	261.0

3400

W.	270.5	11.4	259.1
Cl.		9.7	260.8
1/4		8.6	261.9
C.		7.2	263.3
1/4		6.1	264.4
Cl.		5.3	265.2
E.		4.4	266.1

S. side Alturas

E.	270.5	5.2	265.3
Cl.		6.0	264.5
1/4		6.6	263.9
C.		7.4	263.1
1/4		8.7	261.8
Cl.		9.6	260.9
W.		11.3	259.2

S. curb Altura St.

N.	270.5	11.2	259.3
cb.		10.6	259.9
1/4		9.2	261.3
C		7.8	262.7
1/4		6.8	263.7
cb.		5.9	264.6
E		5.3	265.2

S. 1/4 Altura St.

E.	270.5	5.8	264.7
cb.		6.3	264.2
1/4		6.7	263.8
C		7.9	262.6
1/4		9.3	261.2
cb.		10.7	259.8
N.		12.2	258.3

Center Altura St.

N.	270.5	13.6	256.9
cb.		11.7	258.2
1/4		10.1	260.4
C		8.8	261.7
1/4		7.5	263.0
cb.		7.0	263.5
E.		6.5	264.0

N 1/4 Altura St.

E.	270.5	6.4	264.1
cb.		7.1	263.4
1/4		7.7	262.8
C		8.6	261.9
1/4		9.8	260.7
cb.		11.0	259.5
N.		12.7	257.8

N. Curb Altura St.

W.	270.5	11.8	258.7
cb.		10.1	260.4
1/4		9.3	261.2
c.		8.8	261.7
1/4		7.7	262.8
cb.		6.5	264.0
E.		5.5	265.0

N. Line Altura St.

E.	270.5	5.6	264.9
cb.		6.4	264.1
1/4		7.5	263.0
c.		8.5	262.0
1/4		9.7	260.8
cb.		10.2	260.3
W.		11.7	258.8

Sta 4+0

W.	270.5	10.7	259.8
cb.		10.1	260.4
1/4		9.1	261.4
c.		7.8	262.7
1/4		7.3	263.2
cb.		6.7	263.8
E.		4.0	264.5

Sta 4+25

E.	270.5	6.5	264.0
cb.		7.0	263.5
1/4		7.4	263.1
c.		7.8	262.7
1/4		8.3	262.2
cb.		8.8	261.7
W.		8.8	261.7

4+50

W.	270.5	7.6	262.9
Ch.		7.2	263.3
1/4		6.6	263.9
C.		6.0	264.5
1/4		5.7	264.8
Ch.		5.6	264.9
E.		5.2	265.3

- 4+25 -

E.	270.5	3.5	267.0
Ch.		3.7	266.8
1/4		3.8	266.7
C.		4.2	266.3
1/4		4.8	265.7
Ch.		5.0	265.5
W.		5.1	265.4

5+00

W.	270.5	3.4	267.1
Ch.		3.2	267.3
1/4		3.2	267.3
C.		3.0	267.5
1/4		2.6	267.9
Ch.		2.2	268.3
E.		2.1	268.4

5+25

E.	270.49	0.4	270.1	
Ch.		0.5	270.0	
1/4		0.8	269.7	
C.		0.9	269.6	
1/4		1.0	269.5	
Ch.		1.2	269.3	
W.		1.5	269.0	
T.P.	10.70	280.57	0.62	269.87

5+50

rv.	280.7	9.9	270.7
cb.		9.4	271.2
1/4		9.2	271.4
c		9.0	271.6
1/4		8.7	271.9
cb.		8.8	271.8
E		8.5	272.1

5+75

E	280.6	7.4	273.2
cb.		7.4	273.2
1/4		7.5	273.1
c		7.6	273.0
1/4		7.8	272.8
cb.		8.2	272.4
rv.		8.7	271.9

6+00

rv.	280.6	7.4	273.2
cb.		6.9	273.7
1/4		6.6	274.0
c		6.5	274.1
1/4		6.4	274.2
cb.		6.2	274.4
E		6.1	274.5

6+25

E	280.6	5.1	275.5
cb.		5.2	275.4
1/4		5.1	275.5
c		5.2	275.4
1/4		5.7	274.9
cb.		6.1	274.5
rv.		6.6	274.0

10

6450

W.	280.6	5.8	274.8
Ch.		5.3	275.3
1/4		5.0	275.6
e		5.0	275.6
1/4		4.9	275.7
Ch.		5.0	275.6
E.		5.0	275.6

6475

E.	280.6	4.8	275.8
Ch.		4.6	276.0
1/4		4.6	276.0
e		4.7	275.9
1/4		4.7	275.9
Ch.		4.9	275.7
W.		5.1	275.5

7400

W.	280.6	4.9	275.7
Ch.		4.4	276.2
1/4		4.2	276.4
e		4.5	276.1
1/4		4.5	276.1
Ch.		4.3	276.3
E.		4.3	276.3

7425

E.	280.6	3.9	276.7
Ch.		3.8	276.8
1/4		3.9	276.7
e		4.3	276.3
1/4		4.4	276.2
Ch.		4.4	276.2
W.		4.9	275.7

112

POSTED

7+50

W.	280.6	4.6	276.0
ch.		4.4	276.2
1/4		4.2	276.4
C.		4.0	276.6
1/4		3.8	276.8
ch.		3.7	276.9
E.		3.8	276.8

7+75

E.	280.6	3.6	277.0
ch.		3.5	277.1
1/4		3.8	276.8
C.		3.8	276.8
1/4		3.9	276.7
ch.		4.1	276.5
W.		4.2	276.4

12

S. side Alley

W.	280.6	4.3	276.3
ch.		4.3	276.3
1/4		4.4	276.2
C.		4.1	276.5
1/4		3.9	276.7
ch.		3.6	277.0
E.		3.6	277.0

N. side Alley

E.	280.6	3.3	277.3
ch.		3.7	276.9
1/4		3.9	276.7
C.		4.1	276.5
1/4		4.2	276.4
ch.		4.1	276.5
W.		4.5	276.1

8+25			
W.	2806	4.6	276.0
Ch.		4.4	276.2
1/4		4.1	276.5
C.		3.8	276.8
1/4		3.6	277.0
Ch.		3.3	277.3
E.		2.7	277.9

8+50			
E.	2806	2.0	278.6
Ch.		2.7	277.9
1/4		3.4	277.2
C.		3.6	277.0
1/4		3.8	277.8
Ch.		3.9	276.7
W.		4.2	276.4

8+75			
W.	2806	4.0	276.6
Ch.		3.8	276.8
1/4		3.6	277.0
C.		3.6	277.0
1/4		3.4	277.2
Ch.		3.2	277.4
E.		2.3	278.3

9+00			
E.	2806	2.1	278.5
Ch.		2.3	278.3
1/4		3.5	277.1
C.		3.5	277.1
1/4		3.8	276.8
Ch.		3.7	276.9
W.		4.0	276.6

S. side Altamira St.

on Hub 5, 11 cor.
W. Altamira & Secord St. 280.57

	3.46	277.11
ch.	3.3	276.3
1/4	3.1	277.5
c.	3.2	277.4
1/2	2.7	277.9
ch.	2.2	278.4
E	1.5	279.1

POSTED

Feb 12th

14

Levels on Valle Vista, commencing at Altamira

B17.	0.65	277.76	277.11
E.		7.7	268.1
ch.		10.4	267.4
1/4		10.9	266.9
c.		11.7	266.1
1/2		12.3	265.5
ch.		12.7	265.1
W		13.6	264.2

POSTED

25' South of Altamira

W		277.8	13.3	264.5
ch.		12.7	265.1	
1/4		12.3	265.5	
c.		11.8	266.0	
1/2		11.3	266.5	
ch.		10.8	267.0	
E		9.9	267.9	

50' S.

E	277.8	10.0	267.8
cb.		10.4	267.4
1/4		10.8	267.0
c		11.2	266.6
1/4		11.4	266.4
cb.		11.4	266.4
W.		11.9	265.9

75' W.

W.	277.8	12.5	265.3
cb.		12.2	265.6
1/4		11.8	266.0
c		11.4	266.4
1/4		11.3	266.5
cb.		10.9	266.9
E.		10.3	267.5

100' W.

E.	277.8	10.6	267.2
cb.		10.9	266.9
1/4		11.0	266.8
c		11.2	266.6
1/4		11.5	266.3
cb.		12.3	265.5
W.		12.7	265.1

N. side alley

W.	277.8	13.1	264.7
cb.		12.6	265.2
1/4		12.2	265.6
c		11.7	266.1
1/4		11.2	266.6
cb.		11.0	266.8
E.		10.9	266.9

POSTED

S. side Alley.

E	277.8	11.3	266.5
ch		11.5	266.3
1/4		11.7	266.1
c		12.4	265.4
1/4		12.7	265.1
ch		13.1	264.7
1/4		13.4	264.4

1+50

1/4	277.8	13.5	264.3
ch		13.0	265.8
1/4		12.5	265.3
c		12.1	265.7
1/4		11.7	266.1
ch		11.5	266.3
E		11.5	266.3

1+75

E	277.8	11.7	266.1
ch		11.6	266.2
1/4		12.0	265.8
c		12.3	265.5
1/4		12.9	264.9
ch		13.3	264.5
1/4		13.7	264.1

1+97.10 = P.T.

1/4	277.8	14.0	263.8
ch		13.7	264.1
1/4		13.2	264.6
c		12.9	264.9
1/4		12.5	265.3
ch		12.4	265.4
E		12.2	265.6

2+25

E	277.8	12.0	265.8
cl.		12.2	265.6
H		12.2	265.6
c		12.4	265.4
H		12.7	265.1
cl.		13.0	264.8
H		13.5	264.3

2+50

H	277.8	13.3	264.5
cl.		13.1	264.7
H		12.8	265.0
c		12.3	265.5
H		11.9	265.9
cl.		11.7	266.1
E		11.4	266.4

2+75

E	277.8	11.2	266.6
cl.		11.8	266.0
H		11.9	265.9
c		12.1	265.7
H		12.7	265.1
cl.		13.5	264.3
H		14.0	263.8

3+00

H	277.6	14.2	263.6
cl.		13.3	264.5
H		12.6	265.2
c		12.0	265.8
H		11.5	266.3
cl.		11.0	266.8
E		10.4	267.4
T.P.	134	267.17	11.73 265.83

3+25
267.17

E	-0.5	267.7
cl.	0.3	266.9
1/4	0.7	266.5
c	1.4	265.8
1/4	2.0	264.8
cl.	3.2	264.0
W.	4.1	263.1

3+50

W.	267.7	4.2	263.0
cl.		3.6	264.6
1/4		3.0	264.2
c		2.4	264.8
1/4		1.6	265.6
cl.		0.9	266.3
E		0.2	267.0

3+75

E	267.7	1.1	266.1
cl.		1.9	265.3
1/4		2.6	264.6
c		3.2	264.0
1/4		3.9	263.5
cl.		4.3	262.9
W.		4.9	262.3

4+00

W.	267.7	5.5	261.5
cl.		4.4	262.5
1/4		4.1	263.1
c		3.3	263.9
1/4		2.5	264.7
cl.		1.8	265.4
E		1.3	265.9

POSTED

4+25

E	267.2	0.7	266.5
cl.		1.7	265.5
1/4		2.4	264.8
c		2.9	264.3
1/4		3.6	263.6
cl.		4.6	262.6
W.		5.6	261.6

4+50

W.	267.2	6.0	261.2
cl.		4.9	262.3
1/4		4.3	262.9
c		3.8	263.4
1/4		2.9	264.3
cl.		2.5	264.7
E		1.6	265.6

4+75

E	267.2	3.0	264.2
cl.		3.8	263.4
1/4		4.4	262.8
c		4.9	262.3
1/4		5.5	261.7
cl.		6.2	261.0
W.		6.9	260.3

5+00

W	267.2	8.1	259.1
cl.		6.9	260.3
1/4		6.0	261.2
c		5.5	261.7
1/4 = W.L. Sierra Vista		5.2	262.0
cl.			
E			

19

5+25

W.	267.2	9.3	257.9
Ch.		8.3	258.9
1/4 m. Line Sierra Vista		7.8	259.4

5+50

W.		10.1	257.1
9'E.		8.8	258.4

5+75

W.		10.0	257.2
2'E		9.9	257.3

P.C. of curve inter Pipe lines

8.6 258.6

Cross Section of Valle Vista across Sierra Vista

Pipe line E. side Valle Vista.

W.	267.17	3.3	263.9
Ch.		2.8	264.4
1/4		2.4	264.8
C.		1.8	265.4
1/4		1.5	265.7
Ch.		1.5	265.7
E.		1.1	266.1

E. Curve Valle Vista

E.	267.2	2.2	265.0
Ch.		2.7	264.5
1/4		2.9	264.3
C.		3.3	263.9
1/4		3.9	263.3
Ch.		4.3	262.9
W.		4.4	262.8

POSTED

E 1/2 Valle Vista

W.	267.2	5.1	262.1
ch.		5.1	262.1
1/4		4.5	262.7
c.		4.1	263.1
1/4		3.5	263.7
ch.		3.2	264.0
E.		2.5	264.7

Center Valle Vista

E		2.5	264.7
ch.		3.6	263.6
1/4		4.5	262.7
c.		4.8	262.4
1/4		5.5	261.9
ch.		4.9	262.3
1/4		5.9	261.3

W 1/2 Valle Vista

W.	267.2	7.5	259.7
ch.		6.9	260.5
1/4		5.9	261.3
c.		5.0	262.2
1/4		4.3	262.9
ch.		3.8	263.4
E.		3.0	264.2

W. Carb Valle Vista

E	267.2	2.5	264.7
ch.		3.1	264.1
1/4		4.0	263.2
c.		5.2	262.0
1/4		6.5	260.7
ch.		7.4	259.8
1/4		8.5	258.7

16. Prop line Kille Vista

17.	267.2	8.6	258.6
ch.		7.4	259.8
1/4		5.9	261.3
C.		4.6	262.6
1/4		3.7	263.5
ch.		3.0	264.2
E.		2.6	265.6

B.T. Witherby & Steadon

3.55	269.49		265.94
0.1	257.95	11.64	257.85
0.56	249.02	9.49	248.46

POSTED

Prop St. from Witherby - East

H.I.
249.01

M. line Witherby St.

S	0.8	248.2
ch.	1.0	248.0
1/4	0.8	248.2
C	0.3	248.7
1/4	-0.1	249.1
ch.	-0.1	249.1
N.	-1.3	250.3

POSTED

W. Curb Witherby

N	0.7	248.8
ch.	0.5	248.5
1/4	1.2	247.3
C	2.1	246.9
1/4	2.2	246.8
ch.	2.1	246.9
S	3.0	247.0

W. 1/4 Witherby St.

S.	249.0	2.0	247.0
Ch.		2.8	246.2
1/4		3.2	245.8
C		3.7	245.3
1/4		3.7	245.3
Ch.		3.1	245.9
N.		2.9	246.1

Center Witherby St.

N.		4.9	244.1
Ch.		5.0	244.0
1/4		5.2	243.8
C		5.5	243.5
1/4		4.6	244.4
Ch.		4.0	245.0
S.		2.9	246.1

E 1/4 Witherby St.

S.	249.0	4.3	244.7
Ch.		5.4	243.6
1/4		6.1	242.9
C		6.7	242.3
1/4		7.1	241.9
Ch.		6.9	242.1
N.		7.4	241.6

E Curb Witherby St.

N.	249.0	9.6	239.4
Ch.		9.5	239.5
1/4		8.5	240.5
C		9.3	239.7
1/4		9.3	239.7
Ch.		9.5	241.5
S.		5.9	243.1

E. line further by 51.

S.	249.02	9.2	239.8
cb.		10.6	238.4
1/4		11.9	237.1
c.		11.4	237.6
1/4		12.7	236.8
cb.		13.5	235.5
N.		13.2	235.8

PT = 0.

S.	249.02	9.2	239.8
cb.	236.78	-0.3	237.08
1/4		1.8	235.0
c.		15	235.3
1/4		5.5	231.3
cb.		9.4	229.4
N.		10.5	226.3

24

0 + 25.

S.	249.02	8.7	240.3
cb.	236.78	0.0	236.8
+3'		1.2	235.6
1/4		4.9	231.9
c.		7.1	229.7
1/4		9.0	227.8
cb.		13.7	223.1
N.		17.5	219.3

0 + 50

S.	249.02	8.2	240.8
cb.		15.4	233.6
1/4		17.5	231.5
c.		14.3	234.7
1/4	236.78	4.0	232.4
cb.		5.8	231.0
N.		9.7	227.1

	0 + 95		
S.	249.07	3.5	245.5
ch.		5.6	243.4
1/2		6.5	242.5
c		7.9	241.1
1/2		10.2	238.8
ch.		12.2	236.8
N.		13.6	235.4
T.P.	0.55 236.78	12.79	236.23
B.P.	0.15 258.0		252.85
	1700		
N	258.0	14.0	244.0
ch		12.6	245.4
1/2		11.5	246.5
c		9.9	248.1
1/2		8.4	249.6
ch.		7.5	250.5
S.		6.7	251.3

	1 + 25		
S.	258.0	2.7	255.3
ch		3.8	254.2
1/2		4.6	253.4
c		5.3	252.7
1/2		6.4	251.6
ch.		7.2	250.8
N		8.0	250.0
	1750		
N	258.0	4.3	253.7
ch.		3.3	254.7
1/2		2.3	255.7
c		2.3	255.7
1/2		1.7	256.3
ch		1.4	256.6
S.		1.3	256.7

50' 25

POSTED

1475		257.85	
1128 269.13			
S.		11.1	258.0
ch.		11.5	257.6 ¹⁰
1/4		11.8	257.3 ^{9 1/2}
c		12.3	256.8 ^{9 1/2}
1/4		12.3	256.8 ^{9 1/2}
ch.		12.1	257.0
N.		12.2	256.9

2+00			
N	269.1	11.0	258.1
ch.		10.2	258.9
1/4		9.8	259.3
c		9.8	259.3
1/4		10.2	258.9
ch.		10.3	258.8
S		10.2	258.9

2+25			
S	269.1	8.0	261.1
ch.		8.7	260.4
1/4		9.0	260.1
c		9.2	259.9
1/4		9.4	259.7
ch.		9.7	259.4
N		10.2	258.9

2+50			
N	269.1	8.7	260.4
ch.		8.4	260.7
1/4		8.3	260.8
c		8.2	260.9
1/4		8.1	261.0
ch.		8.0	261.1
S		7.7	261.4

POSTED

2175

S	269.1	6.6	262.5
ch.		7.0	262.1
1/4		7.3	261.8
c		7.4	261.7
1/4		7.8	261.3
ch.		8.1	261.0
N		8.6	260.5

3100

N	269.1	8.6	260.5
ch.		7.8	261.3
1/4		6.9	262.2
c		6.5	262.6
1/4		6.4	262.7
ch.		6.4	262.7
S		6.1	263.0

3125

S	269.1	5.6	263.5
ch.		5.8	263.8
1/4		6.1	263.0
c		6.2	262.7
1/4		6.9	262.2
ch.		7.4	261.7
N		8.1	261.0

3150

N	269.1	7.3	261.8
ch.		6.7	262.4
1/4		6.2	262.9
c		5.9	263.2
1/4		5.6	263.5
ch.		5.2	263.9
S		4.1	264.4

(for current 25 = 30 on outside
25 = 30 on inside
RMG)

27

3175

S	269.1	4.1	265.0
ch.		5.0	264.1
1/2		5.4	263.7
c		5.6	263.5
1/4		6.1	263.0
ch.		6.5	262.6
N		7.0	262.1

4100

N	269.1	6.0	263.1
ch.		5.9	263.2
1/4		5.8	263.3
c		5.7	263.4
1/4		5.2	263.9
ch.		4.6	264.5
S		3.7	265.4

4125

S	269.1	3.9	265.2
ch.		4.7	264.4
1/2		5.2	263.9
c		5.4	263.7
1/4		5.5	263.6
ch.		5.7	263.4
N		6.0	263.1

4150

N		6.6	262.5
ch.		6.2	262.9
1/4		5.8	263.3
c		5.7	263.4
1/4		5.5	263.6
ch.		5.2	263.9
S		4.4	264.7

4475

S	269.1	5.0	264.1
cb		5.6	263.5
1/2		5.9	263.2
c		5.9	263.2
1/4		6.1	263.0
cb		6.3	262.8
N		6.8	262.3

5100

N	269.1	7.7	261.4
cb		7.4	261.7
1/4		7.1	262.0
c		6.6	262.5
1/4		6.2	262.9
cb		5.7	263.4
S		5.2	263.9

(5+052)

= N. Lind Pt. Stockton Drive

S	269.1	5.2	263.9
cb		5.9	263.2
1/4		6.3	262.8
c		6.8	262.3
1/4		7.1	262.0
cb		7.3	261.8
N		7.7	261.4

BM 2.71 269.60 266.69

cb			
1/4			
c			
1/4			
cb			

POSTED

History St. tram Witherby St. East.

	N. line Witherby St.		
N	269.6	18.0	251.6
cb		18.3	251.3
1/4		18.0	251.6
c		17.9	251.7
1/4		18.6	251.9
cb		19.0	250.6
S.		18.7	250.9

W. Carb. Witherby.

S.	269.6	18.3	251.3
cb		18.1	251.5
1/4		18.2	251.4
c		18.0	251.6
1/4		17.8	251.8
cb		17.9	251.7
N.		17.7	251.9

W. 1/4 Witherby St.

N	269.6	17.4	251.2
cb		17.6	251.0
1/4		17.6	251.0
c		17.7	251.2
1/4		17.9	251.7
cb		18.0	251.6
S.		17.9	251.7

Center Witherby St.

S.	269.6	18.0	251.6
cb		17.9	251.7
1/4		17.7	251.9
c		17.6	251.0
1/4		17.5	251.1
cb		17.3	251.3
N		17.1	251.5

POSTED

E. 1/4 Witherby St.

N	269.6	17.0	254.6
cb.		17.1	254.5
1/4		17.2	254.4
c.		17.0	254.6
1/4		18.0	251.6
cb.		18.0	251.6
S.		17.8	251.8

E. curb Witherby

S.	269.6	17.4	254.4
cb.		16.7	252.9
1/4		16.4	253.2
c.		16.5	253.1
1/4		16.7	252.9
cb.		16.6	253.0
N.		16.7	252.9

E. line Witherby St.

N.	269.6	16.0	253.6
cb.		16.1	253.5
1/4		16.0	253.6
c.		16.0	253.6
1/4		16.0	253.6
cb.		16.1	253.5
S.		16.3	253.3

25' East.

S.	269.6	15.2	254.4
cb.		15.5	254.1
1/4		15.2	254.4
c.		15.1	254.5
1/4		15.8	254.8
cb.		14.5	255.1
N.		14.0	255.6

50' East

N.	269.6	13.8	255.8
cb.		14.0	255.6
1/4		14.1	255.5
c.		13.9	255.7
1/4		13.7	255.9
cb.		13.4	256.2
S.		13.2	256.4

45' E.

S.	269.6	11.4	258.2
cb.		11.7	257.9
1/4		11.9	257.7
c.		12.1	257.5
1/4		12.1	257.5
cb.		12.2	257.4
N.		12.6	257.0

1+00

N.	269.6	11.0	258.6
cb.		10.5	259.1
1/4		10.3	259.3
c.		10.3	259.3
1/4		10.5	259.1
cb.		10.4	259.2
S.		9.6	260.0

1+2.5

S.	269.6	7.4	262.2
cb.		8.2	261.4
1/4		8.4	261.2
c.		8.3	261.3
1/4		8.5	261.1
cb.		8.9	260.7
N.		9.2	260.4

POSTED

1450

N	269.60	7.5	262.1
cb		6.9	262.7
1/4		6.2	263.4
c		6.0	263.6
1/4		5.9	263.7
cb		6.0	263.6
S.		5.7	263.9

1475

S.	269.60	2.8	266.8
cb		3.6	266.6
1/4		4.0	265.6
c		4.5	265.1
1/4		5.2	264.4
cb		5.2	264.4
N		4.9	264.7

1400

N	269.60	3.4	266.2
cb		3.2	266.4
1/4		3.0	266.6
c		2.4	267.2
1/4		1.9	267.7
cb		1.5	268.1
S.		0.6	269.0
T.P.	2.45	276.46	0.59 269.01
	2+25		

S.	276.46	4.4	272.1
cb		5.2	271.3
1/4		5.9	270.6
c		6.5	270.0
1/4		7.1	269.4
cb		7.7	268.8
N		8.4	268.1

POSTED

2150

N	2765	6.5	270.0
ch		5.7	270.8
1/4		5.4	271.1
c		4.8	271.7
1/4		3.6	272.9
ch		2.5	274.0
S		2.0	274.5

2175

S	2765	3.3	273.2
ch		3.8	272.7
1/4		4.2	271.3
c		4.8	271.7
1/4		5.1	270.4
ch		5.1	271.4
N		4.8	271.7

34

3400

N	27646	5.3	271.2
ch		4.8	271.7
1/4		4.3	272.2
c		3.7	272.8
1/4		3.2	273.3
ch		2.7	273.8
S		2.3	274.2
S.M.	5. record quello.	2.2	274.22

11 Property Price Orquella

S	27646	2.3	274.2
ch		2.8	273.7
1/4		3.1	273.4
c		3.5	273.0
1/4		4.1	272.4
ch		4.7	271.8
N		5.2	271.3

W. Side Arguello

N	276.5	5.3	271.2
cb		4.8	271.7
1/4		4.1	272.4
c		3.8	272.7
1/2		3.4	273.1
cb		3.0	273.5
S		2.3	274.2

W. 1/4 Arguello St.

S	276.5	2.4	274.1
cb		3.0	273.5
1/4		3.6	272.9
c		4.0	272.5
1/4		4.4	272.1
cb		4.7	272.8
N		5.1	271.4

Center Arguello St.

N	276.5	5.0	271.5
cb		4.7	271.8
1/4		4.3	272.2
c		4.0	272.5
1/2		3.5	273.0
cb		3.0	273.5
S		2.5	274.0

E. 1/4 Arguello St.

S	276.5	2.5	274.0
cb		3.0	273.5
1/4		3.5	273.0
c		3.9	272.6
1/4		4.3	272.2
cb		4.6	271.9
N		4.8	272.0

E. curb Arguello St.

N	276.5	3.9	272.6
ch.		4.3	272.2
1/4		4.1	272.4
c		3.7	272.8
1/4		3.3	273.2
ch.		2.8	273.7
S.		2.2	274.3

E. side Arguello St.

S.	276.5	1.5	275.0
ch.		2.5	274.0
1/4		2.9	273.6
c		3.5	273.0
1/4		3.9	272.6
ch.		4.2	272.3
N.		3.9	272.6

3475

N	276.5	4.3	272.2
ch.		3.9	272.6
1/4		3.7	272.8
c		3.5	273.0
1/4		2.9	273.6
ch.		2.5	274.0
S.		2.0	274.5

4100

S.	276.5	1.5	275.0
ch.		1.8	274.7
1/4		1.9	274.6
c		2.2	274.3
1/4		2.7	273.8
ch.		3.2	273.3
N.		3.7	272.8

POSTED

Angle point

N.	276.5	3.5	273.0
ch.		2.1	273.8
1/2		1.9	274.6
c.		1.4	275.1
1/4		1.5	275.0
ch.		1.6	274.9
S.		1.6	274.9

4125

S.	276.5	1.9	274.6
ch.		1.9	274.6
1/2		1.8	274.7
c.		1.7	274.8
1/4		2.0	274.5
ch.		2.6	276.9
N.		3.6	272.9

37

4150

N.	276.5	4.1	272.4
ch.		3.8	272.7
1/2		3.5	273.0
c.		3.3	273.2
1/4		3.1	273.4
ch.		2.9	273.6
S.		2.7	273.8

4175

S.	276.5	3.8	272.7
ch.		3.8	272.7
1/2		4.0	272.5
c.		4.3	272.2
1/4		4.7	271.8
ch.		4.7	271.8
N.		5.0	271.5

5+00

N	276.5	5.7	270.8
ch		5.4	271.1
1/4		4.9	271.6
c		4.7	272.3
1/4		3.8	272.7
ch		3.7	272.8
S		4.3	272.2

5+25

S	276.5	5.5	271.0
ch		5.4	271.1
1/4		5.2	271.3
c		5.5	271.0
1/4		6.0	270.5
ch		6.4	270.1
N		6.5	270.0

5+50

N	276.5	7.0	269.5
ch		6.9	269.6
1/4		6.5	270.0
c		6.2	270.3
1/4		6.4	270.1
ch		6.3	271.2
S		5.9	270.6

N. time alley

S	276.5	6.2	270.5
ch		6.6	269.9
1/4		6.6	269.9
c		6.2	270.3
1/4		6.4	270.1
ch		7.1	269.4
N		7.4	269.1

Elmer Alley

N	2765	7.5	269.0
ch		7.6	268.9
1/2		7.5	269.0
c		7.1	269.4
1/4		7.1	269.4
ch		7.1	269.4
S		7.0	269.5

6+00

S	2765	7.4	269.1
ch		7.8	268.7
1/2		8.0	268.5
c		8.0	268.5
1/4		7.8	268.7
ch		7.2	269.3
N		7.1	269.4

38

6+25

N	2765	7.9	268.6
ch		8.2	268.3
1/2		8.4	268.1
c		8.7	267.8
1/4		8.7	267.8
ch		8.3	268.2
S		8.0	268.5

6+50

S		9.0	267.5
ch		9.3	269.2
1/2		9.4	267.1
c		9.5	267.0
1/4		9.7	266.8
ch		9.7	266.8
N		10.1	266.4

POSTED

6475

N	276.46	10.1	266.4
Ch.		10.5	266.0
1/4		10.9	265.6
C.		10.7	265.8
1/4		10.0	266.5
Ch.		9.4	267.1
S.		8.8	267.7
T.P.	2.78	269.82	7.42 267.04

N. Side Arden Way

269.82

S		7.3	267.5
Ch.		7.6	267.2
1/4		7.6	267.2
C		7.7	267.1
1/4		2.8	267.0
Ch.		2.7	267.1
N		3.0	266.8

N. Curb Arden Way

N	269.8	3.2	266.6
Ch.		3.6	266.2
1/4		3.3	266.5
C		3.0	266.8
1/4		2.9	266.9
Ch.		2.7	267.1
S		2.5	267.3

N. Side Arden Way

S	269.8	2.3	267.5
Ch.		2.6	267.2
1/4		3.1	266.7
C		3.5	266.3
1/4		3.7	266.1
Ch.		3.9	265.9
N		2.2	267.6

Center Arden May

N.	269.8	3.1	266.7
ob.		3.5	266.0
W		4.3	265.5
e.		3.9	265.9
W		3.4	266.4
ob.		2.8	267.0
S.		2.1	267.7

E. 74 Arden May

S.	269.8	2.5	267.3
ob.		3.1	266.7
W		3.7	266.1
e.		4.4	265.4
W		4.1	265.7
ob.		3.8	266.0
N.		4.1	265.7

E. curb Arden May

N	269.8	4.6	265.2
ob.		4.2	265.6
W		4.1	265.7
e.		4.5	265.3
W		4.0	265.8
ob.		3.5	266.3
S.		2.6	267.2

E. line Arden May

S.	269.8	3.5	266.3
ob.		4.1	265.7
W		4.6	265.2
e.		4.1	265.7
W		4.5	265.3
ob.		4.8	265.0
N		5.2	264.6

7+25

S	269.8	4.7	265.1
Ch.		4.6	265.2
1/4		5.0	264.8
C.		5.4	264.4
1/4		5.6	264.2
Ch.		5.9	263.9
N.		6.0	263.8

7+50 = 74.5 Stockton Blvd.

N		4.5	262.7
Ch.		6.9	262.9
1/4		6.5	263.3
C.		6.0	263.8
1/4		5.7	264.1
Ch.		5.4	264.4
S		4.7	265.1
Inter. Hickory & Stockton		5.1	264.7

POSTED

Sheridan Ave from Howard St. 41

S.M.	7.15	282.37	275.22
BM on 65 E Cor Howard & Sheridan Ave.	11.48		270.89
	7.08	277.97	270.89

1/4 line Howard St

N		277.97	5.3	272.7
Ch.			5.2	272.8
1/4			5.3	272.7
C.			5.4	272.6
1/4			5.4	272.6
Ch.			5.3	272.7
S			5.8	272.2

POSTED

N. curb Howard St

S		2780	6.0	272.0
Ch.			5.4	272.6
1/4			5.2	272.8
C.			5.0	273.0
1/4			5.1	272.9
Ch.			5.0	273.0
N.			5.2	272.8

W. 1/4 Howard St.

N.	278.0	5.2	272.8
ch.		4.9	273.1
1/4		5.0	273.0
c.		5.0	273.0
1/4		5.1	272.9
ch.		5.2	272.8
S.		5.6	272.4

Center Howard St.

S.	278.0	6.3	271.7
ch.		5.7	272.3
1/4		5.3	272.7
c.		4.9	273.1
1/4		4.9	273.1
ch.		4.9	273.1
N.		4.8	273.2

E. 1/4 Howard St.

42

N.	278.0	4.8	273.2
ch.		4.8	273.2
1/4		4.8	273.2
c.		5.2	272.8
1/4		5.3	272.7
ch.		5.6	272.4
S.		6.3	271.7

E. curb Howard St.

S.	278.0	6.4	271.6
ch.		5.9	272.1
1/4		5.5	272.5
c.		5.1	272.9
1/4		4.8	273.2
ch.		4.5	273.5
N.		4.5	273.5

E. line Howard St.

N	278.0	4.6	273.4
ch.		4.7	273.3
1/4		5.1	272.9
C		5.4	272.6
1/4		5.6	272.4
ch.		6.3	271.7
S		7.1	270.9

25' East.

S	278.0	7.7	270.3
ch.		7.0	271.0
1/4		6.4	271.6
C		5.7	272.3
1/4		5.3	272.7
ch.		5.0	273.0
N		4.7	273.3

50' East

N	278.0	5.0	273.0
ch.		5.4	272.6
1/4		5.8	272.2
C		6.2	271.8
1/4		6.8	271.2
ch.		7.3	270.7
S		8.2	269.8

75' East

S	278.0	8.0	270.0
ch.		7.3	270.7
1/4		6.6	271.4
C		6.1	271.9
1/4		5.9	272.1
ch.		5.4	272.6
N		5.1	272.9

POSTED

1+00

N.	278.0	5.0	273.0
ch.		5.5	272.5
1/4		5.9	272.1
C.		6.2	271.8
1/2		6.8	271.2
ch.		7.4	270.6
S.		8.3	269.7

1+25

S.		7.8	270.2
ch.		7.0	271.0
1/4		6.4	271.6
C.		5.9	272.1
1/2		5.7	272.3
ch.		5.2	272.8
N.		4.8	273.2

44

1+50

N.	278.0	4.5	273.5
ch.		5.0	273.0
1/4		5.5	272.5
C.		5.8	272.2
1/2		6.2	271.8
ch.		6.7	271.3
S.		7.2	270.8

1+75

S.	278.0	7.0	271.0
ch.		6.3	271.7
1/4		5.9	272.1
C.		5.7	272.3
1/2		5.2	272.8
ch.		4.8	273.2
N.		4.3	273.7

2+00

N.	278.0	4.0	274.0
cb.		4.7	273.3
1/4		5.0	273.0
c.		5.3	272.7
1/4		5.8	272.2
cb.		6.0	272.0
S.		6.4	271.6

2+25

S.	278.0	5.8	272.2
cb.		5.4	272.6
1/4		5.3	272.7
c.		5.0	273.0
1/4		4.7	273.3
cb.		4.4	273.6
N.		3.9	274.1

45

2+50

N.	278.0	4.0	274.0
cb.		4.3	273.7
1/4		4.6	273.4
c.		4.7	273.3
1/4		4.7	273.3
cb.		4.9	273.1
S.		5.0	273.0

2+75

S.	277.99	5.0	273.0
cb.		4.9	273.0 POSTED
1/4		4.8	273.2
c.		4.7	273.3
1/4		4.6	273.4
cb.		4.4	273.6
N.		4.5	273.5

B.M. S. on Sheridan
Thynden Road. 11.38 266.59

Feb 13th

Sta. 3400.

B.M.	7.01	273.60		266.59
N			1.0	272.6
ch.			0.8	272.8
1/4			0.6	273.0
c			0.8	272.8
1/4			0.8	272.8
ch.			0.9	272.7
S.			1.1	272.5
3+25				
S.	273.6		1.5	272.1
ch.			1.4	272.2
1/4			1.5	272.1
c			1.7	271.9
1/4			1.8	271.8
ch.			2.0	271.6
N			2.1	271.5

46

3+50

N	273.6	3.6	270.0
ch.		3.4	270.2
1/4		3.3	270.3
c		3.0	270.6
1/4		2.8	270.8
ch.		2.7	270.9
S.		2.7	270.9
3+75			
S	273.6	4.7	268.9
ch.		4.7	268.9
1/4		4.9	268.7
c		5.2	268.4
1/4		5.4	268.2
ch.		5.6	268.0
N		5.7	267.9

W. line Lynden Road.

N.	2736	7.5	266.1
ch.		7.6	266.0
1/4		7.5	266.1
c.		7.2	266.4
1/4		7.2	266.4
ch.		7.1	266.5
S.		7.0	266.6

W. curb Lynden Road.

S.	2736	8.0	265.6
ch.		8.0	265.6
1/4		7.8	265.8
c.		7.9	265.7
1/4		7.9	265.7
ch.		8.1	265.5
N.		8.1	265.5

W. 1/4 Lynden Road

N.	273.6	9.3	264.3
ch.		9.2	264.4
1/4		8.9	264.7
c.		8.7	264.9
1/4		8.7	264.9
ch.		8.7	264.9
S.		8.6	265.0

Center Lynden Road.

S.	273.6	9.2	264.4
ch.		9.3	264.3
1/4		9.4	264.2
c.		9.4	264.2
1/4		9.6	264.0
ch.		9.8	263.8
N.		10.0	263.6

E. 1/2 Lynden Road

N.	273.6	10.5	263.1
ch.		10.4	263.2
1/4		10.3	263.3
c.		10.1	263.5
1/4		10.0	263.6
ch.		10.2	263.4
S.		10.0	263.6

E curb Lynden Road.

S.		10.7	262.9
ch.		10.7	262.9
1/4		10.9	262.7
c.		11.1	262.5
1/4		11.2	262.4
ch.		11.5	262.1
N.		11.6	262.0

E 1/16 Lynden Road.

N	273.60	12.7	260.9	
ch.		12.8	260.8	
1/2		12.5	261.1	
c.		12.3	261.3	
1/4		12.2	261.4	
ch.		11.8	261.8	
S.		11.5	262.1	
T.P.	0.51	261.96	12.15	261.45
	4795			
N.	261.96	2.8	259.2	
ch.		3.0	259.0	
1/2		3.0	259.0	
c.		2.9	259.1	
1/4		3.0	259.0	
ch.		2.8	259.2	
S.		2.6	259.4	

STED

5+00.

S.	262.0	6.3	255.7
ch.		6.1	255.9
1/4		6.2	255.8
C.		6.0	256.0
1/4		5.6	256.4
ch.		5.5	256.5
N		5.5	256.5

5+25

N	262.0	8.2	253.8
ch.		9.2	252.8
1/4		9.6	252.4
C.		9.9	252.1
1/4		10.5	251.5
ch.		11.2	250.8
S.		12.7	249.3

5+48 = P.C. CURVE.

S.	262.0	15.6	246.4
ch.		15.1	246.9
1/4		14.5	247.5
C.		13.6	248.4
1/4		12.4	249.6
ch.		11.2	250.8
N		9.5	252.5

5+75

N	262.0	7.4	254.6
ch.		9.7	252.3
1/4		11.7	250.3
C.		13.1	248.9
1/4		15.3	246.7
ch.		17.4	244.6
S.		20.2	241.8

6400

S.	2620	14.9	247.1
cl.		11.6	250.4
1/4		9.9	252.1
c.		8.5	253.5
1/4		7.2	254.8
cl.		6.0	256.0
N		5.1	256.9

6425

N	2620	2.4	259.6
cl.		3.3	258.7
1/4		4.0	258.0
c.		4.6	257.4
1/4		5.4	256.6
cl.		6.5	255.5
S.		7.8	254.2

6750

50

S.	261.96	2.8	259.2	
cl.		2.4	259.6	
1/4		1.8	260.2	
c.		1.2	260.8	
1/4		0.8	261.2	
cl.		0.6	261.4	
N.		0.4	261.6	
T.P.	9.75	271.03	0.68	261.28

6775

N.	271.03	7.9	264.1
cl.		8.0	263.0
1/4		8.2	262.8
c.		8.3	262.7
1/4		8.6	262.4
cl.		8.8	262.2
S.		8.9	262.1

7+00

E.	271.0	7.7	263.3
cb.		7.6	263.4
1/4		7.5	263.5
c.		7.4	263.6
1/4		7.3	263.7
cb.		7.1	263.9
1/4		7.0	264.0

7+25

1/4	271.0	6.1	264.9
cb.		6.1	264.9
1/4		6.3	264.7
c.		6.5	264.5
1/4		6.9	264.1
cb.		7.1	263.9
E		7.5	263.5

7+50

E.	271.0	7.9	263.1
cb.		7.5	263.5
1/4		7.2	263.8
c.		6.7	264.3
1/4		6.5	264.5
cb.		6.0	265.0
1/4		5.7	265.3

S. side alley.

1/4	271.0	5.8	265.2
cb.		6.2	264.8
1/4		6.4	264.6
c.		6.9	264.1
1/4		7.3	263.7
cb.		7.5	263.5
E		7.9	263.1

N. side alley

E.	2710	8.2	262.8
cb.		7.8	263.2
1/4		7.3	263.7
c		6.8	264.2
1/4		6.2	264.8
cb.		5.8	265.2
W.		5.4	265.6
8700.			
W.	2710	5.3	265.7
cb.		5.8	265.2
1/4		6.3	264.7
c		6.8	264.2
1/4		7.4	263.6
cb.		7.8	263.2
E.		8.3	262.7

52

8725

E.	2710	9.1	262.9
cb.		8.5	262.5
1/4		7.8	263.2
c		7.0	264.0
1/4		6.3	264.7
cb.		5.7	265.3
W.		5.2	265.8

8750

W.	2710	5.4	265.6
cb.		6.0	265.0
1/4		6.7	264.3
c		7.1	263.9
1/4		7.5	263.5
cb.		8.0	263.0
E.		8.8	262.2

POSTED

iii

8+75

F.	271.0	8.2	262.8
ch.		7.4	263.6
1/4		6.9	264.1
c		6.6	264.4
1/4		6.1	264.9
ch.		5.5	265.5
1/4		4.6	264.4

9+00

1/4	271.0	1.9	269.1
ch.		3.0	268.0
1/4		3.8	267.2
c		4.6	266.4
1/4		5.6	265.4
ch.		6.6	264.4
E.		7.5	263.5

3. line Sunset Blvd.

E.	271.03	7.5	263.5
ch.		6.1	264.9
1/4		4.7	266.3
c		3.4	267.6
1/4		2.3	268.7
ch.		1.4	269.6
1/4		0.2	270.8
		0.23	270.80

POSTED

Lyndon Road from Sheridan

B.M.	2.27	268.86	266.59
S Line Sheridan			
11.		268.86	2.3
ch.			3.2
1/4			3.8
C.			4.6
1/4			5.3
ch.			6.0
E			6.7
	0+2.5		
E		268.9	7.0
ch.			6.3
1/4			5.4
C.			4.8
1/4			4.2
ch.			3.6
11.			3.2

POSTED

227

Avl 5.

11.	268.9	3.9	265.0
ch.		4.4	264.5
1/4		4.8	264.1
C.		5.5	263.4
1/4		6.2	262.7
ch.		6.8	262.1
E		7.7	261.2
	0+95		
E		8.3	260.6
ch.		7.4	261.5
1/4		6.5	262.4
C.		5.9	263.0
1/4		5.5	263.4
ch.		5.2	263.7
11.		4.3	264.6

POSTED

P.C. CURVE.

W.	268.9	4.7	264.2
Ch.		5.3	263.6
1/4		5.8	263.1
C.		6.3	262.6
1/4		7.0	261.9
Ch.		7.6	261.3
E.		8.4	260.5

1400

E.	268.9	8.6	260.3
Ch.		7.8	261.1
1/4		7.3	261.6
C.		6.6	262.3
1/4		6.0	262.9
Ch.		5.4	263.5
W.		4.8	264.1

1425

W.	268.9	4.7	264.2
Ch.		5.5	263.4
1/4		5.9	263.0
C.		6.4	262.5
1/4		7.0	261.9
Ch.		7.4	261.5
E.		8.1	260.8

1450

E.	268.9	7.4	261.5
Ch.		6.7	262.2
1/4		6.3	262.6
C.		6.0	262.9
1/4		5.4	263.5
Ch.		5.2	263.7
W.		4.8	264.1

1+75

W.	268.9	4.2	264.7
Ch.		5.0	263.9
W.		5.2	263.7
C.		5.6	263.3
W.		6.0	262.9
Ch.		6.2	262.7
E.		6.4	262.5

2+00

E.		6.2	262.7
Ch.		5.8	263.1
W.		5.4	263.5
C.		4.9	264.0
W.		4.5	264.4
Ch.		4.1	264.8
W.		3.4	265.5

2+25

W.	268.9	3.2	265.7
Ch.		3.7	265.2
W.		4.3	264.6
C.		4.8	264.1
W.		5.2	263.7
Ch.		5.9	263.0
E.		6.6	262.3

2+30.4 = P.T.

E.		6.6	262.3
Ch.		6.2	262.7
W.		5.6	263.3
C.		4.8	264.1
W.		4.3	264.6
Ch.		3.9	265.0
W.		3.0	265.9

2150

IV	268.9	2.9	266.0
ch		3.9	265.0
1/4		4.4	264.5
c		4.9	264.0
1/2		5.6	263.3
ch		6.0	262.9
E		6.9	262.0

2175

E		7.0	261.9
ch		6.3	262.6
1/4		5.5	263.4
c		5.1	263.8
1/4		4.5	264.4
ch		4.0	264.9
IV		3.3	265.6

3100

IV	268.9	3.4	265.5
ch		4.3	264.6
1/4		5.0	263.9
c		5.7	263.2
1/4		6.3	262.6
ch		6.9	262.0
E		8.0	261.9

3125

E		9.0	259.9
ch		8.0	260.9
1/4		7.3	261.6
c		6.7	262.2
1/2		6.1	262.8
ch		5.4	263.5
IV		4.7	264.2

N. line alley

W.	268.9	6.7	262.7
ch.		6.8	262.1
1/4		7.5	261.4
C.		8.1	260.8
1/4		9.0	259.9
ch.		9.3	259.6
E.		10.5	258.4

S. line alley

E.	268.86	12.3	256.6
ch.		10.9	258.0
1/4		10.2	258.7
C.		9.3	259.6
1/4		8.7	260.2
ch.		8.2	260.7
W.		7.6	261.3
T.P.	2.78	259.76	11.58 257.28

3+75

W.	259.76	0.1	259.7
ch.		1.0	258.8
1/4		1.5	258.3
C.		2.0	257.8
1/4		2.5	257.3
ch.		3.3	256.5
E.		4.8	255.0

4+00

E.	259.8	6.3	253.5
ch.		5.2	254.6
1/4		4.1	255.7
C.		3.5	256.3
1/4		3.1	256.7
ch.		2.7	257.7
W.		2.2	257.6

4+25

W.	259.8	4.3	255.5
Ch.		4.7	255.1
1/4		5.2	254.6
C.		6.1	253.7
1/4		7.1	252.7
Ch.		7.9	251.9
E.		8.6	251.2

4+30.41 = P.C.

E.	259.8	8.9	250.9
Ch.		8.1	251.7
1/4		7.5	252.3
C.		6.5	253.3
1/4		5.7	254.1
Ch.		5.2	254.6
W.		4.7	255.1

58

4+50

W.	259.8	6.8	253.0
Ch.		7.3	252.5
1/4		7.7	252.1
C.		8.4	251.4
1/4		9.3	250.5
Ch.		9.8	250.0
E.		10.5	249.3

4+75

E.	259.8	13.0	246.8
Ch.		12.4	247.4
1/4		11.5	248.3
C.		10.5	249.3
1/4		9.6	250.2
Ch.		8.8	251.0
W.		8.3	251.5

5+00

N		259.76	10.8	249.0
ch.			11.8	248.0
1/4			12.3	247.5
c.			12.8	247.0
1/4			13.4	246.4
ch.			13.7	246.1
S.			14.1	245.7
T.P.	1.43	248.74	12.45	247.31

5+25

S.		248.7	5.6	243.1
ch.			4.9	243.8
1/4			4.4	244.3
c.			4.1	244.6
1/4			5.3	245.4
ch.			2.7	246.0
N.			1.6	247.1

5+50

N.		248.7	38	244.9
ch.			5.0	243.7
1/4			5.6	243.1
c.			6.3	241.4
1/4			6.9	241.8
ch.			7.5	240.2
S.			9.6	239.1

5+75

S.		248.7	14.2	234.5
ch.			12.2	236.5
1/4			9.6	238.1
c.			8.2	240.5
1/4			6.5	242.2
ch.			6.1	242.6
N.			4.6	244.1

5+95.47 = P.R.C.

N	248.7	4.8	243.9
ch		5.6	243.1
1/4		7.0	241.7
c		8.7	240.0
1/4		10.6	239.1
ch		13.0	235.9
S		16.0	232.7

6+00

S		16.1	232.6
ch		13.3	235.4
1/4		11.1	237.6
c		8.8	239.9
1/4		7.1	241.6
ch		5.4	243.3
N		4.5	244.2

59

6+25

N	248.7	4.5	244.2
ch		7.0	241.7
1/4		8.8	239.9
c		10.4	238.3
1/4		12.5	236.2
ch		14.4	234.3
S		16.7	232.0

6+50

S		17.7	234.0
ch		12.2	236.5
1/4		10.5	238.2
c		9.4	239.3
1/4		7.7	241.0
ch		5.9	242.8
N		4.3	244.4

6+75

N	248.7	3.1	245.6
ch.		4.0	244.7
1/4		5.2	243.5
c.		5.5	243.2
1/2		6.6	242.1
ch.		8.7	240.0
S.		11.4	237.3

7+00

S.	248.4	8.7	240.0
ch.		6.2	242.5
1/4		4.2	244.5
c.		2.2	246.5
1/2		1.1	247.6
ch.		0.6	248.1
N		-0.3	249.0

B.M. on hub. P.R.C. N.S.M.
at Sta 5+95.47

8.9 v	252.97		244.05
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7+25

N	252.97	1.7	251.3
ch.		3.1	249.9
1/4		4.0	248.6
c.		5.3	247.7
1/2		7.4	245.6
ch.		9.6	243.4
S.		12.3	239.7

7+50

S.	253.0	14.4	238.6
ch.		12.1	240.9
1/4		9.5	243.5
c.		7.4	245.6
1/2		5.4	247.6
ch.		3.3	249.7
N		1.9	251.1

60

7+77.62 = P.T.

N.	253.0	4.3	248.7
ch.		6.7	246.3
1/4		8.7	244.3
c.		10.4	242.6
1/2		12.8	240.2
ch.		14.6	238.4
S.		16.7	236.3

8+00

S.	14.3	238.7
ch.	12.6	240.4
1/4	11.9	241.1
c.	10.7	242.3
1/2	9.6	243.4
ch.	9.0	244.0
N.	6.8	246.2

61

8+25

N.	253.0	3.6	249.4
ch.		4.4	248.6
1/4		4.7	248.3
c.		5.4	247.6
1/2		5.8	247.2
ch.		6.1	246.9
S.		7.2	245.8

8+50

S.	252.99	3.6	249.4
ch.	253.0	3.9	250.1
1/4		3.5	250.5
c.		1.9	251.1
1/2		1.3	251.7
ch.		1.2	251.8
N.		0.5	252.5

B.M.

1049	261.29	2.17	250.80
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W. line Howard St.

S	261.29	10.5	250.8
Ch.		9.9	251.4
1/4		9.2	251.1
C.		8.8	252.5
1/4		8.7	252.6
Ch.		8.4	252.9
N		7.8	253.5

B.M.	0.22	268.81	268.59
B.M. out hub.	7.28	269.55	-6.54

262.27 = N. side
Boone St. &
Cemetery

POSTED

Boone St. from E. line S.

62

0 + 00 = E. Prop. line of tract.

N	269.55	7.3	262.2
Ch.		5.5	264.0
1/4		5.1	264.4
C.		4.8	264.7
1/4		4.4	265.1
Ch.		4.2	265.3
S		3.4	266.1

0 + 25

S	269.5	3.8	265.7
Ch.		4.5	265.0
1/4		5.1	264.4
C.		5.7	263.8
1/4		6.5	263.0
Ch.		7.2	262.3
N		8.0	261.5

POSTED

0450

N	269.5	8.2	261.3
cb.		7.5	262.0
1/4		6.8	262.7
c.		5.7	263.8
1/2		5.0	264.5
cb.		4.5	265.0
S		4.0	265.5

0475

S		4.0	265.5
cb.		4.5	265.0
1/4		5.3	264.2
c.		6.3	263.2
1/2		7.0	262.5
cb.		8.0	261.5
N		9.2	260.3

04 83.7 ± P.C. CURVE

63

N	269.5	9.4	260.1
cb.		8.7	261.3
1/4		7.3	262.2
c.		6.4	263.1
1/2		5.6	263.9
cb.		4.9	264.6
S		4.5	265.0

1400

S		4.7	264.8
cb.		5.3	264.2
1/4		6.2	263.3
c.		6.8	262.7
1/2		7.6	261.9
cb.		8.6	260.9
N		9.7	259.8

	1+25		
N	269.5	10.1	259.4
cb.		8.8	260.7
1/4		8.0	261.5
c.		7.3	262.2
1/4		6.6	262.9
cb.		5.7	263.8
S		4.7	264.8

	1+50		
S		5.3	264.2
cb.		6.2	263.3
1/4		6.9	262.6
c.		7.5	262.0
1/4		8.3	261.2
cb.		9.1	260.4
N		10.0	259.5

	1+75		
N.	269.5	8.6	260.9
cb.		8.0	261.5
1/4		7.5	262.0
c.		6.9	262.6
1/4		6.3	263.2
cb.		6.0	263.5
E		5.2	264.3

	2+00		
E		4.8	264.7
cb.		5.5	264.0
1/4		6.2	263.3
c.		6.4	263.1
1/4		6.7	262.8
cb.		7.2	262.3
N.		7.9	261.6

64

E. side Portella Place

IV.	269.5	7.3	262.2
cb.		6.6	262.9
1/4		6.3	263.2
c.		6.2	263.3
1/4		5.8	263.7
cb.		5.3	263.2
E.		4.6	264.9

E. curb. Portella Place

E.		5.7	263.8
cb.		6.0	263.5
1/4		6.0	263.5
c.		6.3	263.2
1/4		6.8	262.7
cb.		7.5	262.0
IV.		8.5	261.0

E 1/4 Portella Place

65

IV.	269.5	9.3	260.2
cb.		8.4	261.1
1/4		7.7	261.8
c.		6.9	262.6
1/4		6.7	262.8
cb.		6.4	263.1
E.		6.0	263.5

Center. Portella Place

E.	269.5	6.2	263.3
cb.		6.5	263.0
1/4		6.8	262.7
c.		7.4	262.1
1/4		8.2	261.3
cb.		9.2	260.3
IV.		10.0	259.5

W. 1/4 Portella Place

W.	269.5	10.3	259.2
cb.		9.3	260.2
1/4		8.5	261.0
c.		7.5	262.0
1/4		7.0	262.5
cb.		6.6	262.9
E		6.2	263.3

W. curb Portella Place.

E		6.6	262.9
cb.		7.0	262.5
1/4		7.6	261.9
c		8.2	261.3
1/4		9.2	260.3
cb.		9.8	259.7
W.		10.5	259.0

W. line Portella Place

W.	269.5	10.5	259.0
cb.		9.9	259.6
1/4		9.4	260.1
c		8.8	260.7
1/4		8.1	261.4
cb.		7.6	261.9
E		6.9	262.6

3750

E		7.7	261.8
cb.		8.5	261.0
1/4		9.0	260.5
c		9.3	260.2
1/4		10.0	259.5
cb.		10.4	259.1
W.		11.4	258.1

3+95

W.	269.5	12.3	257.2
cb.		11.4	258.1
1/4		10.5	259.0
c.		9.7	259.8
1/4		9.3	260.2
cb.		8.8	260.7
E.		7.4	262.1

4+00

E		7.2	262.3
cb.		8.3	261.2
1/4		9.1	260.4
c.		9.7	259.8
1/4		10.7	258.8
cb.		10.9	258.6
W.		11.3	258.2

P.C. 4+20.42

W.	269.5	10.5	259.0
cb.		10.0	259.5
1/4		9.2	260.3
c.		8.5	261.0
1/4		8.0	261.5
cb.		7.4	262.1
E.		6.8	262.7

4+25

E	269.55	6.4	263.1
cb.		7.0	262.5
1/4		7.4	262.1
c.		8.2	261.3
1/4		8.9	260.6
cb.		9.5	260.0
W.		10.3	259.2
T.P.	9.57	273.08	6.04 263.51

4450

W.	273.08	12.4	260.7
cb.		11.5	261.6
1/4		11.0	262.1
c		10.1	262.0
1/4		9.7	263.4
cb.		9.1	264.0
E		8.5	264.6

4475

E	273.1	8.0	265.1
cb.		8.6	264.5
1/4		9.0	264.1
c		9.5	263.6
1/4		9.9	263.2
cb.		10.3	262.8
W.		11.1	262.0

67

5400

W.	273.1	10.6	262.5
cb.		9.8	263.3
1/4		9.5	263.6
c		9.0	264.1
1/4		8.3	264.8
cb.		7.7	265.4
E		7.2	265.9

5426.4 = P.P.C.

E		6.5	266.6
cb.		7.2	265.9
1/4		7.8	265.3
c		8.5	264.6
1/4		9.1	264.0
cb.		9.6	263.5
W.		10.4	262.7

5+50

W.	2731	10.4	262.7
Ch.		9.4	263.7
1/4		8.6	264.5
C		7.8	265.3
1/4		7.1	266.0
Ch.		6.4	266.7
E.		5.9	267.2

5+75

E.		5.6	267.5
Ch.		6.3	266.8
1/4		7.0	266.1
C		7.8	265.3
1/4		8.7	264.1
Ch.		9.5	263.6
W.		10.3	262.8

6+00

W.	2731	10.6	262.5
Ch.		9.8	263.3
1/4		8.7	264.4
C		7.8	265.3
1/4		6.9	266.2
Ch.		6.2	266.9
E.		5.3	267.8

6+25

E.		5.9	267.2
Ch.		6.6	266.5
1/4		7.5	265.6
C		8.4	264.7
1/4		9.1	264.0
Ch.		9.8	263.3
W.		10.9	262.2

6+50

W	273.1	10.3	262.8
cb.		9.5	263.6
1/4		8.7	264.4
c		7.8	265.3
1/4		7.0	266.1
cb.		6.4	266.7
E		5.7	267.4

6+75

E		5.6	267.5
cb.		6.0	267.1
1/4		6.5	266.6
c		6.9	266.2
1/4		7.7	265.4
cb.		8.6	264.5
W		9.3	262.8

W
cb.
1/4
c
1/4
cb.
E

E
cb.
1/4
c
1/4
cb.
W

7+00

W	273.1	8.4	264.7
cb.		7.8	265.3
1/4		7.2	265.9
c		6.5	266.6
1/4		5.8	267.3
cb.		5.3	267.8
E		4.9	268.2

7+25

E		4.7	268.4
cb.		5.1	268.0
1/4		5.6	267.5
c		5.8	267.3
1/4		6.2	266.9
cb.		6.6	266.5
W		7.3	265.8

W
cb.
1/4
c
1/4
cb.
E

E
cb.
1/4
c
1/4
cb.
W

7+50

W.	273.1	6.5	266.6
cb.		6.1	267.0
1/4		5.7	267.4
c.		5.4	267.7
1/4		5.0	268.1
cb.		4.8	268.3
E.		4.8	268.3

7+75

E.		4.6	268.5
cb.		5.0	268.1
1/4		5.7	267.9
c.		5.6	267.5
1/4		6.0	267.1
cb.		6.0	267.1
W.		6.6	266.5

8+00

70

S	273.1	6.6	266.5
cb.		6.1	267.0
1/4		5.8	267.3
c.		5.6	267.5
1/4		5.6	267.5
cb.		5.5	267.6
N		5.1	268.0

N. line Pringle St

N		5.2	267.9
cb.		5.3	267.8
1/4		5.3	267.8
c.		5.7	267.4
1/4		6.0	267.1
cb.		6.4	266.7
S		6.9	266.2

814.34 = W. of Pringle
according to
Mission Hills
Map of 1920

W. carb Pringle St.

S.	273.1	6.7	266.4
ch.		6.5	266.6
1/4		6.1	267.0
c		5.9	267.2
1/4		5.7	267.4
ch.		5.5	267.6
N		5.5	267.6

W. 1/4 Pringle St.

N	273.1	5.6	267.5
ch.		5.7	267.4
1/4		5.8	267.3
c		5.9	267.2
1/4		6.1	267.0
ch.		6.5	266.6
S.		6.6	266.5

Center Pringle St.

71

S	273.1	6.7	266.4
ch.		6.2	266.9
1/4		6.2	266.9
c		6.0	267.1
1/4		5.9	267.2
ch.		5.9	267.2
N		5.9	267.2

E 1/4 Pringle St.

N		6.3	266.8
ch.		6.3	266.8
1/4		6.1	267.0
c		6.3	266.8
1/4		6.3	266.8
ch.		6.3	266.8
S		6.6	266.5

E. curb Pringle St.

S	273.1	6.7	266.4
ch.		6.6	266.5
1/4		6.6	266.5
c		6.6	266.5
1/4		6.7	266.4
ch.		6.8	266.3
N		6.9	266.2

E. line Pringle St.

N	273.08	7.8	265.3
ch.		7.6	265.5
1/4		7.4	265.7
c		7.2	265.9
1/4		7.0	266.1
ch.		6.9	266.2
S		6.9	266.2

B. 17. Hub. NE. Cor Pringle
T Boone St.

7.75 265.33

POSTED

cb.

$\frac{1}{4}$

c

$\frac{1}{4}$

cb.

cb.

$\frac{1}{4}$

c

$\frac{1}{4}$

cb.

73

cb.

$\frac{1}{4}$

c

$\frac{1}{4}$

cb.

cb.

$\frac{1}{4}$

c

$\frac{1}{4}$

cb.

cb.
1/4
c
1/4
cb.

cb.
1/4
c
1/4
cb.

cb.
1/4
c
1/4
cb.

cb.
1/4
c
1/4
cb.

75

C 76

$$\begin{array}{r} 2704.9 \\ 558 \\ \hline 264.91 \end{array}$$

$$\begin{array}{r} 266.9 \\ 273.56 \\ \hline 266.91 \\ 6.59 \end{array}$$

$$\begin{array}{r} 27350 \\ 859 \\ \hline 264.92 \end{array}$$

$$\begin{array}{r} 269.13 \\ 266.69 \\ \hline 2.44 \\ 269.82 \\ 266.23 \\ \hline 3.59 \end{array}$$

$$\begin{array}{r} 267.17 \\ 264.92 \\ \hline 2.25 \end{array}$$

$$\begin{array}{r} 269.82 \\ 3.59 \\ \hline 266.23 \end{array}$$

$$\begin{array}{r} 270.84 \\ 278.30 \\ \hline 7.46 \\ 275.22 \\ 3.1 \end{array}$$

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

FOR SINGLE TRACK EMBANKMENT.

ROADWAY 14 FEET WIDE. SIDE SLOPES 1½ 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	26
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.