TRACTS
383
F.B.305

H. S. CROCKER COMPANY

DRAWING MATERIALS AND SURVEYING INSTRUMENTS

SAN FRANCISCO

305

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.

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	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

Cross-section of Chalcedony St. from Broadway, east.

Plat

8/28/07 { Davis Moore Emery

	1.26	109.16		107.90 Spk Post N.E. Bwdy	
		E.L. Broadway			
No			3.7		105.5
U			4.6		104.6
U			5.1		
C			5.5		103.7
U			5.7		3
U			6.1		
So			7.0		102.2
	70' E. of Bwdy: 450' W of Jewell				
So Ct.			4.2		105.0
U			3.5		
C			3.6		105.6
U			3.4		
Ct			2.8		
No.			2.2		107.0
	400' W of Jewell				
No			0.6		108.6
Ct.			0.9		
U			1.5		
C			2.2		107.0
U			2.2		
So Ct.			2.5		
T.P.	3.35	111.32	1.19	107.97	

POSTED

Note- South line of St will be taken separately on account of trees.

111.32

450' W of Jewell.	So. line		7.8	103.5
400 " "	" "		6.3	105.0
350 " "	" "		5.5	105.8
300 " "	" "		4.4	106.9
250 " "	" "		4.4	106.9
200 " "	" "		4.7	106.6
150 " "	" "		3.8	107.5
100 " "	" "		3.2	108.1
50 " "	" "		1.7	109.6
T.P. 10.16		118.13	3.35	107.97
	350' W of Jewell			
So Ct			10.1	
U			10.2	
C			10.1	108.0
U			9.7	
U			9.5	
No			9.1	109.0
	300' W			
No			9.2	108.9
U			9.6	
U			10.0	
C			9.9	108.2
U			10.0	
So Ct.			10.0	

118.13

250' W of Jewell

S. Ck.		10.4	107.7
W		10.0	108.1
C		9.6	108.5
W		9.6	
W		9.3	
No		9.0	109.1
	200' W		
No		9.7	109.4
W		9.1	
W		9.2	
C		9.5	108.6
W		9.5	
So Ck.		10.4	
	150' W		
S. Ck		9.8	
W		9.2	
C		9.1	109.0
W		8.7	
W		8.8	
No		8.1	110.0
	100' W		
N.		7.5	110.6
W		8.4	
W		8.3	
W		8.6	109.5
W		8.8	
S. W.		9.3	

Chalcedony

50' W of Jewell

S. Ck		8.7	109.4
W		8.3	
C		8.0	110.1
W		7.8	
W		7.6	
N.		6.8	111.3
	W. L. Jewell		
No		5.6	112.5
Ck		6.5	
W		7.0	
C		7.0	111.1
W		7.2	
Ck		7.0	
S.		7.1	111.0
	W Ck.		
So		6.2	111.9
W		6.1	
W		6.2	
C		6.5	111.6
W		6.5	
W		6.0	
N.		5.1	113.0

118.13

	W¼ Jewell				E Ct.		
No		5.2	112.9	So		4.3	113.9
Ct		5.8		Ct		5.0	
¼		6.3		¼		5.1	
C		6.0	112.1	C		5.4	112.7
¼		5.8		¼		5.5	
Ct		5.8		Ct		5.2	
So		5.6	112.5	No		4.2	113.9
	Ctr.				E. line Jewell		
So		5.3	112.8	No		3.1	115.0
Ct		5.6		Ct		4.3	
¼		5.6		¼		4.6	
C		5.8	112.3	C		4.4	113.7
¼		6.1		¼		4.6	
Ct		5.7		Ct		4.5	
No		4.7	113.4	So		3.3	114.8
	E ¼				50' E		
No		4.5	113.6	So		2.8	115.3
Ct		5.6		Ct		3.0	
¼		6.1		¼		3.1	
C		5.5	112.6	C		2.9	115.2
¼		5.4		¼		3.0	
Ct		5.4		Ct		2.6	
So		4.4	113.7	No		1.9	116.2
BM		3.08	115.05 Hub N.E Jewell				

118.13

100 E of Jonah

N.			1.0	117.1
C			1.6	
¼			2.1	
C			2.2	115.9
4			1.8	
W			2.1	
S.			3.1	115.0
		150 E		
S.			3.2	114.9
C			2.4	
4			1.3	
C			1.0	117.1
4			1.3	116.8
C			0.6	117.5
T.P.	12.12	129.44 ✓	0.81	117.32 ✓
N.		20	11.4	118.0
		200 E		
N.			10.8	118.6
¼			11.5	
¼			11.8	
C			12.1	117.3
¼			12.3	
C			13.6	
S.			14.4	115.0

Chalcedony

129.44

5

250 E

S.		13.3	116.1
C		13.0	116.4
¼		11.9	117.5
C		11.5	POSTED 117.9
¼		11.1	118.3
C		11.0	118.4
N.		10.6	118.8
	300 E		
N.		9.7	118.7
C		10.3	
¼		10.4	
C		10.3	119.1
¼		10.8	
C		11.6	
S.		12.0	117.4
	350 E		
S.		10.8	118.6
C		10.4	
¼		9.8	
C		9.3	120.1
¼		9.6	
C		9.0	
N.		8.8	120.6

129.44

400 E of Jewell

No	7.3	122.1	
Ct	7.8		
¼	8.2		
C	8.1	121.3	
¼	8.5		
Ct	9.0		
So	9.3	120.1	

450 E

So	7.6	121.8	
Ct	7.3		
¼	7.0		
C	7.0	122.4	
¼	7.2		
Ct	6.1		
No	5.4	124.0	

500 E = W.L. Kendall

No	4.0	125.4	
Ct	4.8		
¼	5.5		
C	5.2	124.0	
¼	5.6		
Ct	5.7		
So	5.7	123.7	

129.44

W. Ct Kendall

So	4.7	124.7	
Ct	4.9		
¼	4.8		
C	4.9	124.5	
¼	4.7		
Ct	4.1		
No	3.2	126.2	

W ¼

No	3.0	126.4	
Ct	3.8		
¼	4.4		
C	4.1	124.8	
¼	4.2		
Ct	4.6		
So	4.4	125.0	

Ctr

So	4.3	125.2	
Ct	4.2		
¼	3.9		
C	4.4	125.0	
¼	3.9		
Ct	3.4		
No	2.6	126.8	

129.44

	E ¼			
No		2.3		127.1
Cb		3.4		
¼		3.6		
C		4.0		125.4
¼		3.6		
Cb		3.9		
So		4.1		125.3
	E Cb.			
So		3.8		125.6
Cb		3.8		
¼		3.5		
C		3.7		125.7
¼		3.4		
Cb		3.1		
No		2.1		127.3
	E. line Kendall.			
No		1.4		128.0
Cb		2.4		
¼		2.9		
C		2.9		126.5
¼		2.8		
Cb		3.0		
So		3.0		126.4
B.M.		1.35	128.09	Hub N. E Kendall

Chalcedony

7

	50 E			
So			1.9	127.5
Cb			1.2	
¼			1.0	
C			1.6	127.8
¼			1.1	
Cb			0.9	
No			0.6	128.8
T.P.	5.93	134.78 ✓	0.59	128.85 ✓
	100 E			
No			4.9	129.9
Cb			4.9	
¼			4.7	
C			5.0	129.8
¼			4.6	
Cb			5.0	
So			5.2	129.6
	150 E			
So			4.0	130.8
Cb			3.3	
¼			3.2	
C			3.6	131.2
¼			3.6	
Cb			3.5	
No			3.7	131.1

13478 ✓

	200 E of Kendall				350 E		
N.		3.3	131.5	S.		6.7	129.1
C		3.6		C		5.2	
C		4.3		C		4.8	
C		4.2	130.6	C		4.6	POSTED 130.2
C		4.1		C		4.4	
C		4.6		C		3.8	
S.		6.3	129.5	N.		2.7	132.1
	250 E				400 E		
S.		6.5	129.3	N.		1.9	132.9
C		6.2		C		3.6	
C		5.1		C		4.7	
C		4.7	130.1	C		5.1	129.7
C		4.7		C		5.5	
C		4.0		C		5.6	
N.		3.5	131.3	S.		6.1	128.3
	300 E				450 E		
N.		3.2	131.6	S.		7.0	127.8
C		3.9		C		6.2	
C		4.8		C		5.6	
C		4.9	129.9	C		5.5	129.3
C		6.2		C		5.2	
C		6.5		C		4.2	
S.		6.8	129.0	N.		2.8	132.0

134.78

500 E W.L. Lamont

N.		3.9		130.9
4		5.2		
4		5.9		
4		6.6		128.2
4		6.9		
4		7.3		
S.		8.5		126.3
T.P.	2.36	130.29	6.90	127.8

E.L. Lamont

S.		4.7		125.6
4		3.9		
4		3.2		
0		2.9		127.4
4		2.0		
4		1.5		
N.		1.2		129.1

50 E

N.		2.5		127.8
4		3.1		
4		0.4		
4		4.1		126.2
4		4.3		
4		4.8		
S.		6.3		125.0

Chalcedony

120.2

100 E

S.		4.8	123.5
4		6.0	
4		5.7	
4		5.7	126.6
4		5.3	
4		4.7	
N.		3.2	127.1

150 E

N.		3.9	126.4
4		5.2	
4		5.4	
4		6.0	124.3
4		6.0	
4		5.7	
S.		7.6	122.7

200 E

S.		5.8	124.5
4		5.0	
4		5.0	
4		5.7	125.1
4		4.9	
4		4.8	
N.		4.0	126.3

130.29 ✓

250 E. of Lamont

N₀	3.8	126.5	
1	4.3		
2	4.0		
3	4.4	125.9	
4	4.4		
5	4.6		
S₀	4.9	125.4	
	300 E		
S₀	5.1	125.2	
1	4.4		
2	4.2		
3	4.3	126.0	
4	4.5		
5	4.7		
N₀	4.2	126.1	
	350 E		
N₀	4.9	125.4	
1	6.0		
2	6.5		
3	6.5	123.8	
4	6.6		
5	6.7		
S₀	6.9	123.4	
TP	2.50 126.83 ✓	5.91	124.33 ✓

126.8

400 E

S₀	6.0	120.8	
1	4.6	122.2	
2	4.1		
3	3.4	123.4	
4	2.7		
5	2.3		
N₀	2.0	124.8	
	425 E		
N₀	2.7	124.1	
1	3.0		
2	2.6		
3	3.0	123.8	
4	3.2		
5	4.2		
S₀	5.9	120.9	
	450 E		
S₀	6.7	120.6	
4	4.4		
2	4.2		
3	4.0	122.8	
4	3.5		
5	4.1		
N₀	3.5	122.3	

~~130.59~~
126.83

475 E of Lamont

No			4.9	121.9
Ch			5.4	
4			5.4	
c			5.6	121.2
4			5.9	
u			6.2	
So			7.7	119.1
		500 E = W.L. Morrell		
Si			9.6	117.2
u			9.1	
4			8.5	
c			8.3	118.5
4			8.0	
u			7.7	
No			4.1	120.7
		W u.		
No			7.0	119.8
u			9.2	
4			9.3	
c			10.2	116.6
4			11.2	
u			11.5	
So			12.4	114.4
TP	8.09	~~11.72~~ 122.26	12.66	~~118.17~~ 114.17

Chalcedony

122.26

W 4

So		9.0	113.3
u		8.2	
4		7.6	
c		6.3	116.0
4		6.2	
u		5.0	
No		2.7	119.6
	CH.		
4		2.8	119.5
Ch		5.4	
4		6.1	
c		7.4	114.9
4		8.2	
u		9.4	
So		10.0	112.3
	E 4		
So		10.7	111.6
u		9.9	
4		8.8	
c		8.0	114.3
4		7.0	
u		5.8	
No		3.3	119.0

~~[illegible]~~ 122.26

E Ch. Morell

No	4.0	118.3
Ch	6.2	
4	7.7	
c	8.6	113.7
4	9.9	
Ch	10.4	
So	11.1	111.2

E. line

So	11.6	110.7
Ch	11.1	
4	10.5	
c	9.9	112.4
4	9.7	
Ch	8.8	
No	6.7	115.6

50 E

No	10.2	112.1
Ch	10.4	
4	10.6	
c	10.8	111.5
4	11.0	
Ch	11.1	
So	12.1	110.2

122.26

100 E

So	12.3	110.0
Ch	11.5	
4	10.6	
c	10.4	111.9
4	10.6	
Ch	10.1	
No	9.6	112.7

150 E

No	10.0	112.3
Ch	10.2	112.1
4	10.6	111.7
c	10.6	111.7
4	10.6	111.7
Ch	11.9	110.4
So	12.6	109.7

200 E

So	12.5	109.8
Ch	12.0	
4	11.4	
c	10.7	111.6
4	10.7	
Ch	10.4	
No	10.1	112.2

		~~[illegible]~~ 122.2C			
		225 E of Morell			
No			10.1		112.2
Cl			9.9		
4			9.8		
C			9.4		112.9
4			9.0		
Cl			9.2		
So			9.2		113.1
		250 E			
So			0.1		122.2
Cl			2.3		
4			3.7		
C			4.5		117.8
4			5.1		
Cl			5.7		
No			6.6		115.7
		275' E			
No			1.6		119.7
T.P	12.40	~~[illegible]~~ 134.09	0.57	~~[illegible]~~ 121.69	
Cl			10.5		123.6
4			7.8		
C			5.8		128.3
4			4.5		
Cl			2.8		
		300' E			
No			3.0		131.1
T.P.	12.60	~~149.23~~ 145.77	0.92	~~136.63~~ 133.17	

Chalcedony

			145.77		
			275' E		
So			10.1		135.7
		300' E			
No Cl			10.0		
4			8.1		
C			6.3		139.5
4			4.5		
Cl			3.1		
So			4.4		141.4
		315' E			
So			2.7		143.1
Cl			0.5		
4			0.0		
C			+0.5	~~[illegible]~~	146.3
4			1.5		
Cl			3.7		
No			7.1		138.7
T.P.	12.51	~~160.83~~ 157.37	0.91	~~148.52~~ 144.86	
		343' E			
No			5.3		152.1
Cl			6.5		
4			7.2		
C			7.8		149.6
4			8.8		
Cl			9.5		
So			11.1		146.3

~~160.83~~
157.37

400 E of Morell

S.			8.7		148.7
Ch			6.4		
4			5.6		
C			4.9		152.5
4			4.0		
Ch			3.3		
No			1.8		155.6
TP	8.29	~~165.78~~ 162.32 450 E	3.34	~~157.49~~ 154.03	
No			4.2		158.1
Ch			6.2		
4			7.2		
C			8.3		154.0
4			9.3		
S. Ch			10.5		
		498 E W.L. Noyes			
S. Ch			10.6		
4			9.1		
C			7.8		154.5
4			6.6		
Ch			5.3		
No			2.9		159.4
Bm			2.95	~~162.83~~ 159.37	Hub N. W. Noyes

162.32

W Ch

No		2.8	159.5
Ch		5.2	
4		6.5	
C		7.9	154.4
4		9.1	
S. Ch		10.9	
	W 4		
S. Ch		10.7	
4		9.0	
C		8.0	154.3
4		6.5	
Ch		5.3	
No		2.7	159.6
	Ctr		
No		2.7	159.6
Ch		5.4	
4		6.6	
C		7.8	154.5
4		9.2	
S. Ch		11.1	
	E 4		
S. Ch		10.9	
4		9.1	
C		7.8	154.5
4		6.6	
Ch		5.3	
No		2.6	159.7

~~165.78~~
162.32

	E Cb		
No		2.8	159.5
Cb		5.5	
4		6.9	
C		8.2	154.1
4		9.3	
So Cb		11.0	
	E. line Noyes		
So Cb		11.7	
4		9.5	
C		8.4	153.9
4		7.0	
C		5.7	
No		3.6	158.7
	50 E		
No		4.5	157.8
C		7.6	
4		9.3	
C		10.7	151.6
4		12.0	
	100 E		
Ctr.		12.3	150.0
No 4		10.8	
Cb.		9.2	
No		6.5	155.8

Chalcedony

	150 E		
No		8.9	153.4
Cb		11.6	
No 4		13.4	
	200 E		
No		11.0	151.3
T.P. 296	153.04 ~~156.50~~	12.20	150.08 ~~153.54~~
400 E of Morell S.L.		4.7	148.3
W.L. Noyes		4.8	148.2
W Cb		4.9	148.1
" 4		4.9	148.1
Ctr		5.0	148.0
E 4		5.2	147.8
Cb		5.4	147.6
E line		6.1	147.0
	50 E Noyes		
S.L.		7.7	145.3
Cb.		4.7	
	100 E		
So 4		4.7	
Cb		6.6	
S.L.		9.6	143.4
	150 E		
S.L.		11.5	141.5
Cb		8.8	
4		7.3	
C		5.7	147.3

~~136.50~~
153-04

200 E of Noyes

No Ck.		4.2	
4		5.5	
4		6.8	146.2
4		A.6	
4		10.3	
S.O.		13.0	140.0
	250 E		
S. Ck.		11.0	142.0
4		9.5	
C		P.3	144.7
4		7.5	
Ck.		6.6	
No		4.6	148.4
	310 E		
No		7.5	145.5
Ck		9.2	
4		10.1	
C		11.4	141.6
4		12.1	
	350 E		
No Ck.		13.1	
No line		11.6	141.4
T.P.	1.35	~~140.24~~ 141.78	12.61 ~~143.89~~ 140.43
	250 E		
S.L.		2.4	139.4
	300 E		
S.L		4.1	137.7
Ck.		1.7	

141.78

350 E

S.		6.8	125.0
Ck		5.2	
4		4.1	
C		3.5	138.3
4		2.8	
	400 E		
No		4.0	137.8
4		5.5	
4		6.1	
C		6.5	135.3
4		6.8	
4		7.5	
S.		9.0	132.8
	450 E		
S.		10.3	131.5
4		9.1	
4		8.6	
C		5.0	133.8
4		7.2	
N		7.4	
N.		6.2	135.6
No	500 E = W. 4. Olney	7.2	134.6
4		7.9	
N		8.5	
4		8.6	133.2
4		9.0	
N		9.5	
S.		10.2	131.6

~~145.24~~
141.78

BM		10.20	~~[illegible]~~ Hut S.E. Olney
	W Cl. Olney		
So		10.3	131.5
cl		9.6	
4		9.2	
c		8.7	133.1
4		8.4	
cl		8.0	
No		7.5	134.3
	W ½		
No		7.5	134.3
cl		8.4	
4		8.9	
c		9.1	132.7
4		9.6	
cl		9.9	
So		10.5	131.3
	Ctr.		
So		11.4	130.4
cl		10.3	
4		9.9	
c		9.2	132.6
4		8.7	
cl		8.3	
No		7.4	134.4

Chalcedony

	E ½		
No		7.6	134.2
cl		8.2	
4		9.1	
c		9.7	132.1
4		10.2	
cl		10.6	
So		11.0	130.8
	E cl		POS. 131.2
So		10.6	
cl		10.3	
4		10.2	
c		9.5	132.3
4		8.9	
cl		8.2	
No		7.4	134.4
	E. line		
No		7.4	134.4
cl		8.6	
4		9.2	
c		10.0	131.8
4		10.2	
cl		10.9	
So		12.0	129.8
T.P. 3.43	~~[illegible]~~ 135.90	9.31	~~135.93~~ 132.47

~~139.6~~
135.90

50' E of Olney

So	7.8		128.1
"	6.3		
"	5.5		
C	4.4	131.5	
"	3.6		
"	2.9		
No	1.4	134.5	
	100 E		
No	0.7	135.2	
"	2.4		
"	3.0		
"	3.9	132.0	
"	4.9		
"	5.7		
So	7.2	128.7	
	150 E		
So	6.6	129.3	
"	4.8		
"	4.3		
C	3.2	132.7	
"	2.3		
"	1.6		
No	+0.1	~~135~~ 136.0	

200 E

No	0.0	135.9	
"	0.8		
"	2.1		
C	2.9	133.0	
"	4.1		
"	4.7		
So	6.6	129.3	
	250 E		
So	6.8	129.1	
"	4.8		
"	4.0		
C	2.4	133.5	
"	1.4		
TP	3.46 ~~132.17~~ 138.73	0.63	~~136.73~~ 135.27
"		3.4	
No		1.6	137.1
	300 E		
No		2.0	136.7
"		4.8	
"		4.9	
C		5.9	132.8
"		6.8	
"		7.6	
So		9.4	129.3

~~132.19~~
138.73

350 E

So		9.2	129.5
U		7.3	
4		6.5	
C		5.5	133.2
4		4.2	
U		3.7	
No		1.8	136.9

400 E

No		2.2	136.5
U		3.9	
4		4.7	
C		5.0	133.7
4		6.8	
U		7.6	
So		9.5	129.2

450 E

So		10.3	128.4
U		8.4	
4		7.8	
C		7.4	131.3
4		5.4	
U		4.8	
No		3.0	135.7

Chalcedony

500 E = W.L. Pendelton

No		4.6	134.1
U		6.3	
4		6.9	
C		8.1	130.6
4		8.5	
U		9.5	
So		11.2	127.5
BM		9.97	~~[illegible]~~ Top guard stake S.W. Cor.

Cross Section of Law ~~St~~ ave Broadway to Ocean

8/4/07 { Davis, Emery, Colbath

Plat

POSTED

	5.86	113.76		107.90 BM	
		W.L. Bwdy			
No			5.1	1	108.7
ct			5.6		
½			5.9		
c			6.5		107.3
½			6.7		
ct			7.1		
So			7.3		106.5
		50 W.			
So			9.0		104.8
ct			8.7		
½			8.5		
c			8.2		105.6
½			7.9		
ct			7.6		
No			7.0		104.8
		100 W			
No			8.0		105.8
ct			8.5		
½			8.7		
c			8.8		105.0
½			8.7		
ct			8.9		
So			9.1		104.7

	150 W		
So		9.6	104.2
ct		9.0	
½		8.9	
c		8.5	105.3
½		8.5	
ct		8.4	
No		7.8	106.0
	200 W		
No		7.9	105.9
ct		8.4	
½		8.5	
c		9.4	104.4
½		9.8	
ct		10.2	
So		11.2	102.6
	250 W		
So		11.2	102.6
ct		10.2	
½		9.8	
c		9.4	104.4
½		9.1	
ct		8.5	
No		8.1	105.7

		113.76			
		30' W of Bwdy			
No			7.9		105.9
"			8.8		
"			9.3		
C			9.7		104.1
"			10.0		
"			10.3		
So			11.1		102.7
		330 W			
So			11.2		102.6
"			11.4		
"			10.0		
C			9.6		104.2
"			9.4		
"			8.9		
No			8.0		105.8
TP	3.63	109.43	7.80	105.90	
		4.0 W			
No			3.8		105.6
"			4.6		
"			5.1		
C			5.7		103.7
"			5.9		
"			6.3		
So			6.9		102.5

		109.43			
		45.0 W			
So			6.5		102.9
"			6.7		
"			6.3		
C			6.1		104.3
"			5.7		
"			5.4		
No			3.6		105.8
		300 W=E L Haines			
No			4.0		105.4
"			4.2		
"			4.7		
C			5.2		104.2
"			5.6		
"			5.6		
So			6.2		103.0
		E Ck			
So			6.3		103.1
"			5.5		
"			5.3		
C			5.1		104.3
"			5.0		
"			4.6		
No			3.9		105.5

109.43

E ¼ Haines

No		4.0	105.4
Cl		4.8	
H		5.1	
C		5.3	104.1
H		5.6	
Cl		5.2	
So		6.5	102.9
	Ctr.		
So		6.6	102.8
Cl		6.5	
H		6.0	
C		5.7	103.7
H		5.2	
Cl		5.0	
No		4.0	105.4
	W ¼		
No		4.0	105.4
Cl		4.9	
H		5.2	
C		5.6	103.8
H		6.1	
Cl		6.2	
So		6.7	102.7

Law ~~St~~ ave

W. Cl.

So	6.9	102.5
Cl	6.1	
H	5.4	
C	5.5	103.9
H	5.2	
Cl	5.0	
No	4.0	105.4
	W. Line Haines	
No	4.2	105.2
Cl	5.0	
H	5.2	
C	5.6	103.8
H	6.1	
Cl	6.4	
So	7.0	102.4
BM	6.95	102.48 - Hub. S. W Haines
	50' W of Haines	
So	7.2	102.2
Cl	6.4	
H	6.1	
C	5.8	103.6
H	5.3	
Cl	4.9	
No	4.2	105.2

109.43

100 W or Haines

No		4.5	104.9
Cb		5.2	
4		5.7	
c		6.2	103.2
4		6.6	
Cb		7.0	
So		7.8	101.6

150 W

So		7.7	101.7
Cb		7.4	
4		7.1	
c		6.7	102.7
4		6.3	
Cb		5.9	
No		5.2	104.2

200 W

No		5.4	104.0
Cb		6.0	
4		6.4	
c		6.7	102.7
4		6.9	
Cb		7.3	
So		8.0	101.4

250 W

So		8.3	101.1
Cb		7.6	
4		7.4	
c		7.1	102.3
4		6.7	
Cb		6.3	
No		5.6	103.8

300 W

No		6.0	103.4
Cb		6.8	
4		7.0	
c		7.4	102.0
4		7.7	
Cb		8.0	
So		8.7	100.7

350 W

So		9.0	100.4
Cb		8.4	
4		7.8	
c		7.4	102.0
4		7.3	
Cb		7.0	
No		6.4	103.0

109.43

400 W of Haines

No	6.7		102.7
W	7.6		
W	7.9		
C	8.0		101.4
W	8.2		
W	8.4		
So	9.4		100.0
	450 W		
S.	9.6		99.8
W	9.1		
W	8.9		
C	8.5		100.9
W	8.2		
W	8.0		
No	7.6		101.8
TP	3.26	104.99	101.73

400 W. EL. Gresham

No	3.3		101.7
W	4.0		
W	4.2		
C	4.4		100.6
W	4.6		
W	4.8		
So	5.2		99.8

Law ~~St~~ Ave

E. Ctr.

S.	5.6	99.4
W	5.2	
W	4.8	
C	4.6	100.4
W	4.2	
W	4.1	
No	3.6	101.4

EL

No	3.7	101.3
W	4.1	
W	4.3	
C	4.8	100.2
W	5.0	
W	5.2	
S.	5.9	99.1

Ctr

S.	5.9	99.1
W	5.3	
W	5.0	
C	4.8	100.2
W	4.4	
W	4.2	
No	3.7	101.3

1099

W ½ Gresham

No		3.9	101.1
		4.6	
		4.8	
		5.2	
		5.2	99.8
		5.5	99.8
So		5.8	99.2
	W cl		
Si		5.7	99.3
		5.4	
		5.3	99.7
		5.1	99.9
		4.9	100.1
		4.6	100.4
No		4.0	101.0
	W. line		
No		4.2	100.8
		4.9	100.1
		5.2	99.8
		5.4	99.6
		5.7	99.3
		6.0	99.0
So		6.5	98.5

60 W

So		7.0	98.0
		6.3	
		6.0	
		5.6	99.4
		5.3	
		5.0	
No		4.4	100.6
	100 W		
No		4.7	100.3
		5.3	
		5.6	
		6.0	99.0
		6.2	
		6.6	
So		7.4	97.6
	150 W		
Si		7.3	97.7
		6.7	
		6.4	
		6.1	98.9
		5.9	
		5.5	
No		5.0	100.0

104.99

400 W. of Grasbam

No		4.7	100.3
Ct		5.3	
Hz		5.5	
C		5.7	99.3
Hz		6.2	
Ct		6.6	98.4
So		7.2	97.8
	200 W		
So		7.1	97.9
Ct		6.5	
Hz		6.3	
C		5.9	99.1
Hz		5.7	
Ct		5.4	
Ni		4.7	100.3
	300 W		
No		5.3	99.7
Ct		5.8	
Hz		6.1	
C		6.4	98.6
Hz		6.8	
Ct		7.1	
Si		7.6	97.4

Law St

	200 W.		
S.		7.8	97.2
Ct		7.1	
Hz		6.9	
C		6.6	98.4
Hz		6.5	
Ct		6.2	
No		6.3	99.1
	400 W		
No		5.7	99.3
Ct		6.5	
Hz		6.9	
C		7.2	97.8
Hz		7.4	
Ct		7.7	
Si		8.3	96.7
	450 W		
S.		9.2	95.8
Ct		8.5	
Hz		8.2	
C		7.9	97.1
Hz		7.6	
Ct		7.4	
No		6.5	98.5

104.99

500 W. El. Fanuel

No		7.0	98.0
U		8.1	
4		8.5	
C		8.8	96.2
4		9.1	
U		9.3	
So		9.9	95.1
	E Ch.		
So		10.1	94.9
U		9.4	
4		9.1	
C		9.0	96.0
4		8.7	
U		8.4	
No		7.6	97.4
	E 4		
No		7.8	97.2
U		8.5	
4		8.7	
C		9.0	96.0
4		9.2	
U		9.4	
So		10.2	94.8

Ctr

So		10.3	94.7
U		9.6	
4		9.3	
C		9.1	95.9
4		8.9	
U		8.6	
No		7.8	97.2
	W 4		
No		8.5	96.5
U		9.2	
4		9.5	
C		9.8	95.2
4		10.2	94.8
U		10.4	
So		10.9	94.1
	W Ch.		
So		10.6	94.4
U		10.2	
4		10.0	
C		9.5	95.5
4		9.2	
U		8.8	
No		8.1	96.9
T.P. 1.61	98.39 ✓	8.21	96.78 Hale N.W. Cor Fanuel

98-39

W. line Fanuel

No		1.6	96.8
Cl		2.3	
H		2.6	
C		3.1	95.3
H		3.6	
Cl		3.8	
So		4.3	94.1
	50 W		
So		5.3	93.1
Cl		4.5	
H		4.2	
C		3.8	94.6
H		3.4	
Cl		3.0	
No		2.0	96.4
	100 W		
No		3.0	95.4
Cl		4.0	
H		4.3	
C		4.7	93.7
H		5.1	
Cl		5.4	
So		6.0	92.4

Law ~~St~~ ave.

	150 W		
So		6.8	91.6
Cl		5.9	
H		5.5	
C		5.2	93.2
H		4.7	
Cl		4.4	
No		3.6	94.8
	200 W		
No		4.3	94.1
Cl		5.0	
H		5.1	
C		5.3	93.1
H		5.9	
Cl		6.5	
So		7.3	91.1
	250 W		
So		7.8	90.6
Cl		7.2	
H		6.9	
C		6.5	91.9
H		6.2	
Cl		5.9	
No		5.3	93.1

98.39

300 West Tunnel

No.	6.8		
W	7.4	91.6	
4	7.7		
C	8.1		
4	8.4	90.3	
W	8.8		
So	9.5		
		88.9	
350 W			
So	10.3		
W	9.4	88.1	
4	9.1		
C	8.8		
4	8.5	89.6	
W	8.0		
No	7.2		
		91.2	
400 W			
No	8.0		
W	8.9	90.4	
4	9.3		
C	9.7		
W	10.0	88.7	
W	10.3		
So	11.0		
		87.4	

450 W

So	11.7	
W	11.0	86.7
4	10.5	
C	10.1	
4	9.4	88.3
W	8.8	
No	8.2	
		90.2
500 W-EL. Events		
No.	8.4	
W	9.1	90.0
4	9.6	
C	10.0	
W	10.4	88.4
W	10.8	
So	11.2	
		87.2
E W.		
So	11.5	
W	10.8	86.9
4	10.4	
C	10.0	
4	9.6	88.4
W	8.8	
No	7.9	
		90.5

98.39

E 4 Everts

No		8.0	90.4
Cr		9.2	
4		9.7	
C		10.0	88.4
4		10.5	
Cr		10.8	
So		11.5	86.9
	Ctr		
So		11.6	86.8
Cr		10.7	
4		10.4	
C		10.0	88.4
4		9.6	
Cr		9.2	
No		8.4	90.0
	W 4		
No		8.6	89.8
Cr		9.4	
4		9.7	
C		10.2	88.2
4		10.5	
Cr		10.8	
So		11.6	86.8

Law ~~St~~ ave.

W Cr.

So		11.7	86.7
Cr		11.0	
4		10.5	
C		10.2	88.2
4		9.8	
Cr		9.5	
No		8.8	89.6
T.P. AM. 1.66	90.89	9.16	89.23 Hub NW Cor
	W.L. Everts		
No		1.6	89.3
Cr		2.2	
4		2.4	
C		2.7	88.2
4		3.3	
Cr		3.6	
So		4.2	86.7
	50 W		
So		4.7	86.2
Cr		4.3	
4		4.0	
C		3.7	87.2
4		3.4	
Cr		3.2	
No		2.5	88.4

90.89

100 W of Everts.

No	3.5	87.4	
"	4.4		
"	4.8		
C	4.9	86.0	
"	5.0		
"	6.2		
So	6.2	84.1	
	150 W.		
So	7.9	83.0	
"	7.4		
"	7.3		
C	6.8	84.1	
"	6.3		
"	6.1		
No	6.3	85.6	
	200 W.		
No	7.1	83.8	
"	8.4		
"	8.9		
C	9.2	81.7	
"	9.5		
"	9.6		
So	10.1	80.8	

250 W

So	10.6	80.3
"	10.3	
C	10.0	
"	9.8	81.1
"	9.4	
"	9.0	
No	7.6	83.3
	300 W	
No	7.3	83.6
"	8.5	
"	9.1	
C	9.5	81.4
"	10.0	
"	10.3	80.6
So	10.7	80.2
	350 W	
So	10.5	80.4
"	9.6	
"	9.4	
C	9.1	81.8
"	8.8	
"	8.6	
No	8.0	82.9

90.89

400 W of Everts

No			9.4		81.5
"			9.9		
"			10.2		
"			10.6		80.3
"			10.9		
"			11.1		
So			11.6		79.3
		450 W			
So			13.2		77.7
"			12.6		
"			12.4		
"			12.2		78.7
"			12.0		
"			11.9		
No		✓	11.5	✓	79.4
T.P.	0.59	80.16	11.32	79.57	
		500 N. EL. Dawes			
No			2.2		78.0
"			2.8		
"			3.2		
"			3.5		76.7
"			3.7		
"			4.0		
So			4.2		76.0
BM.			2.23	77.93 Hub NE Cor	

Law ~~St~~ Ave

E Cb

So	4.8 / 5.4 gutr	75.4 / 74.8
"	4.4 / 5.0 "	
"	4.1 / 4.7 "	
"	3.7 / 4.5 "	76.5 / 75.7
"	3.4 / 4.3 "	
"	3.1 / 4.2 "	
No	2.5 / 3.3 "	77.7 / 76.9

E 4

No	2.7	77.5
"	3.4	
"	3.8	
"	4.2	76.0
"	4.3	
"	4.5	
So	5.0	75.2

Ctr

So	4.8	75.4
"	4.5	
"	4.3	
"	4.1	76.1
"	3.8	
"	3.4	
No	2.7	77.5

80.16

W. Dowes

No	2.6	77.6
"	3.5	
"	3.8	
"	4.1	76.1
"	4.4	
"	4.7	
So	5.0	75.2

W. Ct.

So	5.7 gutter 5.1	74.5
"	5.3 " 4.8	75.1
"	4.7 " 4.1	
"	4.5 " 3.8	75.7
"	4.4 " 3.7	76.4
"	4.0 " 3.6	
No	3.5 " 2.8	76.7 77.4

W. line

No	3.4	76.8
"	4.1	
"	4.4	
"	4.5	75.7
"	4.8	
"	5.0	
So	5.4	74.8

50 W

So	5.6	74.6
"	5.4	
"	5.1	
"	5.1	75.1
"	4.9	
"	4.8	
No	4.6	75.6

100 W

No	5.1	74.1
"	5.3	
"	5.4	
"	5.5	74.7
"	5.7	
"	5.8	
So	6.1	74.1

150 W

So	6.8	73.4
"	6.0	
"	5.9	
"	6.1	74.1
"	6.0	
"	5.9	
No	5.7	74.5

80.16

200 W

No	6.3	73.7	
"	6.6		
"	6.9		
C	6.9	73.3	
"	7.1		
"	7.3		
So	7.6	72.6	

250 W

S.	8.6	71.6	
"	8.3		
"	8.1		
"	7.9	72.3	
C	7.7		
"	7.5		
No	7.1	72.1	

300 W

N.	7.9	72.3	
"	8.1		
"	8.6		
C	8.8	71.4	
"	9.0		
"	9.1		
So	9.3	70.9	

ave.

Lawst

350 W

S.	10.1	70.1	
"	9.8		
"	9.5		
C	9.5	70.7	
"	9.5		
"	9.4		
N.	9.0	71.2	
Tp 0.61	72.14	8.63	71.53

400 W

No	2.5	69.6	
"	2.7		
"	2.7		
C	2.8	69.3	
"	2.9		
"	2.9		
S.	3.1	69.0	

450 W

S.	3.6	68.5	
"	3.4		
"	3.3		
C	3.2	69.0	
"	3.2		
"	3.1		
No	2.8	69.3	

72.14

500 W = E.L. Cass.

No	3.2	68.9	
W	3.4		
H	3.4		
C	3.5	68.6	
L	3.6		
W	4.0		
So	4.3	67.8	
E Cl			
So	4.6	67.5	
Cl	4.3		
W	4.1		
C	3.9	68.2	
H	3.8		
W	3.6		
No	3.3	68.8	
E Cl			
No	3.5	68.6	
W	3.8		
W	4.0		
C	4.2	67.9	
H	4.4		
W	4.5		
So	4.8	67.3	

Ctr.

So	4.7	67.4
W	4.4	
W	4.2	
C	4.1	68.0
H	3.9	
W	3.7	
No	3.4	68.7
W/ Cl		
No	4.0	68.1
W	4.3	
H	4.5	
C	4.7	67.4
H	4.8	
W	5.0	
So	5.4	67.7
W/ Cl		
So	5.5	67.6
W	5.0	
W	4.8	
C	4.6	67.5
H	4.6	
W	4.4	
No	4.4	67.7

72.14

W.L. Cass

No		4.5	67.6
Cb		4.7	
4		5.0	
c		5.3	66.8
4		5.4	
Cb		5.5	
So		5.8	66.3
	50 W		
So		7.0	65.1
Cb		6.6	
4		6.4	
c		6.3	65.8
4		6.1	
Cb		6.0	66.1
No		5.6	66.5
	100 W		
No		5.9	66.2
Cb		6.5	
4		6.9	
c		7.0	65.1
4		7.2	
Cb		7.4	
So		7.8	64.3

Law St. Cove

	150 W.		
So		8.5	63.6
Cb		8.1	
4		7.8	
c		7.7	64.4
4		7.6	
Cb		7.5	
No		7.2	64.9
	200 W.		
No		7.6	64.5
Cb		8.1	
4		8.3	
c		8.6	63.5
4		8.7	
Cb		8.8	
So		9.2	62.9
	250 W.		
So		10.0	62.1
Cb		9.5	
4		9.4	
c		9.1	63.0
4		8.9	
Cb		8.8	
No		8.4	63.7
T.P. 0.93	64.32	8.75	63.39

64.32 ✓

	300 W. of Cross		
No	1.2	63.1	
W	1.6		
4	1.7		
C	1.9	62.4	
4	2.1		
W	2.2		
So	2.6	61.7	
	350 W		
So	3.3	61.0	
W	2.8		
4	2.5		
C	2.4	61.9	
4	2.2		
W	2.1		
No	1.7	62.6	
	400 W		
No	2.3	62.0	
W	2.7		
4	2.6		
C	2.8	61.5	
4	2.7		
W	2.8		
So	3.5	60.8	

	450 W		
So	4.3	60.0	
W	3.9		
4	3.7		
C	3.6	60.7	
4	3.4		
W	3.3		
No	3.0	61.3	
	500 W. E.L. Bayard.		
No	3.6	60.7	
W	3.9		
4	4.0		
C	4.2	60.1	
4	4.3		
W	4.5		
So	4.8	59.5	
	E W		
So	5.3	59.0	
W	4.9		
4	4.7		
C	4.5	59.8	
4	4.3		
W	4.2		
No	5.8	58.5	
B.M. Spk. Pole S.E. Cor Bayard.	4.85	59.47 ✓	

64.32

E'l Bayard

No	4.1	60.2
W	4.3	
4	4.5	
C	4.7	59.6
4	4.8	
W	4.9	
So	5.1	58.9

Ctr.

So	5.3	59.0
W	4.9	
4	4.6	
C	4.5	59.8
4	4.3	
W	4.0	
No	3.6	60.7

W'l'n

No	4.0	59.9
W	4.6	
4	4.9	
C	5.1	59.2
4	5.3	
W	5.1	
So	5.7	58.6

Lawn Ave

W'l Ctr.

So	5.6	58.7
W	5.3	
4	5.0	
C	4.8	59.5
4	4.6	
W	4.5	
No	4.2	60.1

W. line Bayard

No	4.5	59.8
W	4.7	
4	5.0	
C	5.0	59.3
4	5.2	
W	5.5	
So	5.7	58.5

So W'l

So	6.2	58.1
W	5.9	
4	5.7	
C	5.6	58.7
4	5.4	
W	5.2	
No	4.9	59.4

64.32

10.6 W of Bayard.

No	5.9	59.4
E	5.2	
4	5.5	
C	5.7	58.6
4	6.0	
E	6.1	
So	6.7	57.6
	150 W.	
So	6.9	57.4
E	6.0	
4	5.2	
C	5.0	59.3
4	5.1	
E	5.1	
No	4.2	60.1
	200 W.	
No	4.8	60.2
E	5.4	
4	5.7	
C	5.9	58.4
4	6.2	
E	6.7	
So	7.3	57.0

250 W.

So	7.6	56.7
E	6.9	
4	6.7	
C	6.5	57.8
4	6.2	
E	6.0	
No	5.0	59.3
T.P. 0.8V	59.33	58.49V
	300 W.	
No	1.1	58.2
E	1.2	
4	1.4	
C	1.8	57.5
4	2.3	
E	2.5	
So	3.0	56.3
	350 W.	
So	2.7	56.6
E	2.2	
4	2.0	
C	2.5	56.8
4	2.3	
E	2.1	
No	1.9	57.4

59.33

400 W

No	2.8	56.5
Cb	2.6	
4	3.0	
c	3.7	55.6
4	3.7	
Cb	3.7	
So	3.8	55.5

450 W

So	5.1	54.2
Cb	4.7	
4	4.6	
c	4.5	54.8
4	4.3	
Cb	4.1	
No	3.8	55.5

500 W = E.L. Allison

No	4.7	54.6
Cb	5.3	
4	5.5	
c	5.6	53.7
4	5.7	
Cb	5.9	
So	6.3	53.0

BM. Spk Pole N.E Allison 0.13 5620

Law St. Ave.

E. Cb.

So	6.1	53.2
Cb	6.0	
4	5.8	
c	5.5	53.8
4	5.3	
Cb	4.9	
No	3.5	55.8

E 4

No	5.4	53.9
Cb	6.1	
4	6.1	
c	6.1	53.2
4	6.4	
Cb	6.2	
So	6.6	52.7

2' E of Rail = 5 W of E 4

So	7.1	52.2
Cb	6.9	
4	6.6	
c	6.5	52.8
4	6.4	
Cb	6.2	
No		

Ctr = Top of Rail

No	4.92	54.41
Ctr	5.62	53.71
So	6.3	53.03

59.33 ✓

2 W of Rail = 5 E + W ✓

No		5.7	53.5
"		6.4	
"		6.6	
"		6.7	52.6
"		7.0	
"		7.2	
So		7.5	51.8
	W "		
So		7.7	51.6
"		7.4	
"		7.2	
"		7.0	52.3
"		6.9	
"		6.6	
No		6.1	53.2
	W "		
No		6.6	53.7
"		6.9	
"		6.5	
"		6.3	53.0
"		6.5	
"		7.1	
So		7.2	52.1

W. Line Allison

So		7.5	51.8
"		7.2	
"		7.0	
"		6.7	52.6
"		6.5	
"		6.4	
No		5.9	53.4
	50 W		
No		8.2	51.1
"		7.1	
"		7.2	
"		7.6	51.7
"		7.8	
"		7.8	
So		8.2	51.1
	100 W		
So		8.8	50.5
"		8.6	
"		9.0	
"		9.6	49.7
"		10.2	
"		10.6	-
No		11.2	48.1

59.33

150 W of Allison

No			12.3		47.0
U			12.5		
U			12.6		
C			12.4		46.9
U			11.7		
U			10.9		
So			9.3		50.0
		200 W			
So			10.5		48.8
U			12.7		
T.P.	0.37	47.50	12.20	4713	
U			1.6		
C			2.1		45.4
U			2.4		
U			2.4		
No			2.7		44.8
		250 W			
No			4.0		43.5
U			3.9		
U			3.7		
C			3.8		43.7
U			3.7		
U			3.3		
So			5.0		45.5

Lawn ~~St~~ ave 47.5

300 W

So	5.9	41.6
U	6.0	
U	5.9	
C	6.0	41.5
U	6.0	
U	6.0	
No	6.2	41.3
	350 W	
No	8.5	39.0
U	8.4	
U	8.4	
C	8.3	39.2
U	8.1	
U	8.1	
So	8.4	39.1
	400 W = EL Alley on So.	
So	11.3	36.2
U	11.0	
U	11.0	
C	11.2	36.3
U	11.3	
U	11.3	
No	11.2	36.3

47.50

440'W=W.L. Alley on So.

No		12.7	34.8
"		12.7	
"		12.7	
c	POSTED	12.7	34.8
"		12.6	
"		12.4	
So		12.4	35.1
TP	0.47 35.60	12.37	35.13

450 W=E.L. Alley on No.

So		2.0	33.6
"		2.2	
"		2.1	
c		2.2	33.4
"		2.0	
"		1.9	
No		1.7	33.9

470 W=W.L. Alley on No

No		2.2	33.4
"		2.2	
"		2.2	
c		2.2	32.8
"		2.2	
"		2.2	
So		2.5	33.0

35.6

520'W

So		5.7	29.9
"		5.2	
"		4.8	
c		4.7	30.9
"		4.4	
"		4.2	
No		4.0	31.6

554'W

POSTED

No		3.8	31.8
"		4.0	
"		4.2	
c		4.0	31.6
"		4.6	
"		4.9	
So		6.0	29.6

570 W=E.L. #1 of Unnamed St.

So		6.5	29.1
"		5.8	
"		6.0	
c		6.5	29.1
"		6.4	
"		7.0	
No "		7.0	28.6

35.60 Law ~~St.~~ ave

E.L. #2 = 570 W in So = 585 W in No

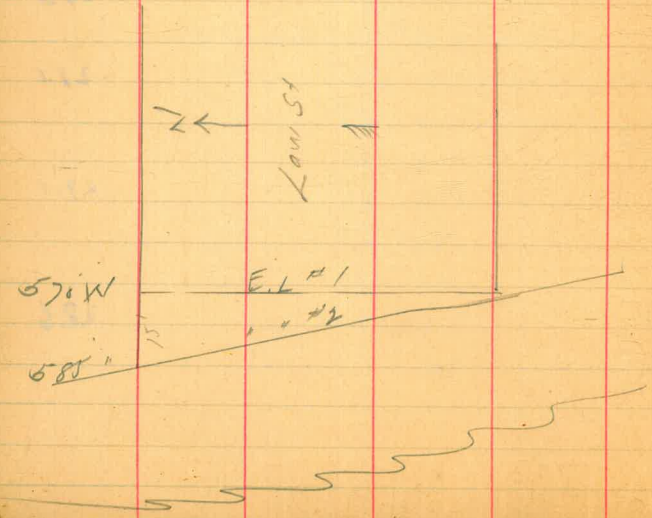
So			6.5		29.1
Cr			6.2		
H			6.7		
C			7.7		27.9
H			8.7		
5 No of H		✓	8.6	✓	27.0
TP.	2.52	26.10	12.02	23.58	

570 W = E.L. #1

No			11.7		14.4

E.L. #2

No			11.9		14.2
10' So			12.8		13.3
Cr.			4.6		21.5



Cross-Section of Garnet Ave from E. line of Pendelton to eastern extremity

Plat

	11.18	45.16 ✓		33.98 BM Hub S.W. Pendelton	
		E. line Pendelton			
So			9.4		35.8
Cb			8.3		
Ld			7.7		
C			7.3		37.9
4			6.8		
Cb			6.4		
No			5.6		39.6
		25 E			
No			2.6		42.6
Cb			3.3		
4			3.7		
C			4.0		41.2
4			4.7		
Cb			5.4		
So			6.7		38.5
		50 E			
So			4.4		40.8
Cb			2.5		
Ld			1.6		
C			1.2		44.0
Ld			0.5		
T.P.	5.70	50.41 ✓	0.45	44.71 ✓	
Cb			5.2		
No			4.4		46.0

		50.41			
		75 E			
No			2.2		48.2
Cb			3.2		
Ld			3.9		
C			4.4		46.0
4			5.0		
Cb			5.7		
So			7.3		43.1
		100 E			
So			6.8		43.6
Cb			5.2		
4			4.4		
C			3.9		46.5
4			3.4		
Cb			2.8		
No			1.8		48.6
		125 E			
No			1.8		48.6
Cb			2.4		
4			3.6		
C			4.2		46.2
4			4.8		
Cb			5.6		
So			7.4		43.0

50.41

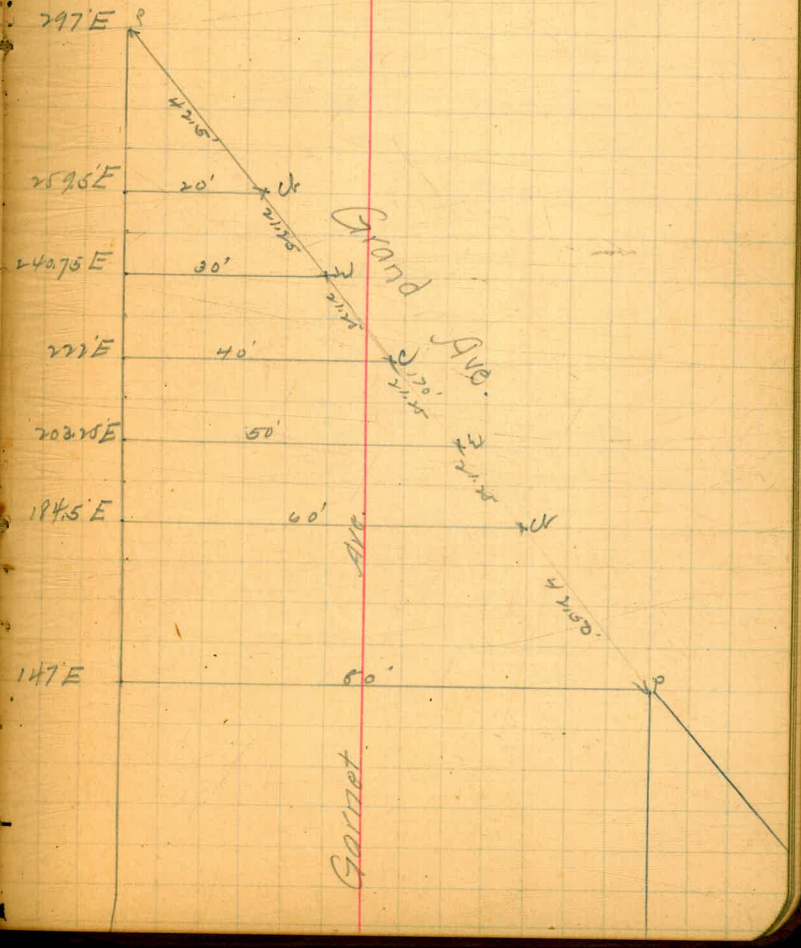
147' E

So	9.0	41.4
U	6.9	
U	6.0	
C	4.1	45.6
U	4.2	
U	3.1	
N	2.5	47.9
184.5' E		
No	3.6	46.8
U	5.7	
U	6.5	
C	7.3	43.1
U	9.1	
Ctr N.L. Grand Ave.	10.6	39.8
203.25 E		
So ¼ = N.L. Grand Ave	10.9	39.5
C	9.6	40.8
U	8.3	
U	7.0	
No	5.1	45.3
222' E		
No	6.3	44.1
U	7.1	
U	10.3	
Ctr = N.L. Grand Ave	11.6	38.8

Note. The length of block on south was scaled 147' from map as no measurements could be found.

240.75' E

No ¼ = N.L. Grand Ave	11.8	
Ctr.	10.4	.0
No.	7.3	43.1
259.5 E		
No	7.9	42.5
Ctr N.L. Grand	11.0	
297' E - Int. of N.L. Grand with N.L. Garnet	10.0	40.4



Cross-Section of Garnet Ave. From Allison to the Ocean.

	6.20	21.06 ✓	14.86 PM SW Allison
		W.L. Allison	
No		5.9	
Ct		6.3	
L		6.3	
C		6.3	
L		6.7	
Ct		7.0	
So		7.2	
		50 W	
So		6.8	
Ct		6.8	
L		6.2	
C		6.1	
L		6.2	
Ct		6.3 5.9	
No		5.8	
		100 W	
No		5.3	
Ct		5.7 6.0	
L		5.9	
C		5.6	
L		6.0	
Ct		6.5 6.3	
So		6.3	

	150 W E.L. Alley on So
So	6.1
Ct	5.1
L	4.6
C	4.5
L	5.2
Ct	5.4 5.0
No	4.8
	170 W W.L. Alley on So
No	4.7
Ct	5.0 5.3
L	5.0
C	4.7
L	5.0
Ct	5.8
So	6.3
	175 W E.L. Alley on No
So	6.1
Ct	6.0
L	5.2
C	4.8
L	5.1
Ct	5.2
No	5.1

21.06

195 W. W.L. Alley on N.

No	4.6
Cb	{4.7 / 5.2}
L	5.1
c	4.7
L	5.1
Cb	5.5
So	5.5

200 W.

So	5.2
Cb	{5.4 / 5.3}
L	5.2
c	4.6
L	5.0
Cb	{5.1 / 4.8}
No	4.5

300 W.

No	4.4
Cb	{4.7 / 5.0}
L	4.7
c	4.7
L	5.1
Cb	5.3
No	5.3

3.50 W.

So	5.8
Cb	{5.1 / 5.5}
L	4.8
c	4.2
L	4.5
Cb	{4.8 / 4.4}
No	4.0

387' W on So. line & 391' W on No. line - E. line Unnamed St.

No	4.1
Cb	4.6
L	4.2
c	4.6
L	5.0
Cb	5.0
So	5.4

Note - Length of block on south side of st may not be correct as no measurements are given on map and nothing to be found on the ground, but elevations can be taken as correct as ground is very level.

391
195
196

B'M's on Grand Ave.

	6.45	58.41		51.96. B.M. N.E. 7' Pt on Jewel.
B.M. Spk Pole S.W Bwdy.			2.41	56.00
T.P.	3.11	60.115	1.405	57.005
B.M. Spk in Tree N.E Haines			1.51	58.605
T.P.	0.935	52.435	8.615	51.500
B.M. Spk Cor. Barn N.W Gresham.			7.095	45.340
T.P.	0.786	43.270	9.950	42.485
T.P.	0.620	34.810	9.080	34.190
T.P.	1.760	28.250	8.320	26.490
B.M. Spk in tree So side of Grand bet Everts and Dawes.			1.710	26.540
B.M. Spk Pole in Alley on Davis St. of Grand and Hornblend			2.960	25.290
T.P.	1.17	21.10	8.32	19.93
B.M. Spk in Grand 25' So of S.E. Cor. Cass.			5.56	15.54
T.P.	2.53	15.71	7.92	13.18
B.M. Spk Pole S.E Cor Bayard.			5.25	10.46
T.P.	3.87	13.12	6.46	9.25
			5.40	7.72

Cross-Section of Bayard St-Grand Ave-So.

✓

9/12/07 Dave / Emery / Colbath

	1.89	12.35		1046 BM. SE Grand.
	S.L. Grand			
E			2.6	9.8
CL			2.7	
W			2.6	
C			2.4	10.0
W			2.6	
CL			2.8	
W			3.0	9.4
	50' So			
W			3.8	8.6
CL			3.6	
W			3.2	
C			3.1	9.3
W			3.2	
CL			3.1	
E			2.7	9.7
	100' So			
E			3.7	8.7
CL			3.9	
W			4.0	
C			3.9	8.5
W			3.8	
CL			3.8	
W			3.8	8.6

POSTED

	125 So = N.L. Alley		
W		4.4	8.0
CL		4.5	
W		4.2	
C		4.3	8.1
W		4.3	
CL		4.1	
E		4.0	8.4
	145 So = S.L. Alley		
E		4.4	8.0
CL		4.3	
W		4.4	
C		4.4	8.0
W		4.4	
CL		4.6	
W		4.7	7.7
	170 So		
W		5.1	7.3
CL		4.8	
W		4.8	
C		4.8	7.6
W		4.7	
CL		4.7	
E		4.5	7.9

12.35

220 S. of Grand

E		4.6	7.8
"		5.2	
"		5.2	
c		5.3	7.1
"		5.4	
"		5.7	
W		5.7	6.7

270 S. - N. L. Thomas

W		6.3	6.1
"		6.2	
"		5.7	
c		5.6	6.8
"		5.4	
"		5.5	
E		5.3	7.1

N. of

E		5.6	6.8
"		6.0	
"		6.0	
c		6.1	6.3
"		6.3	
"		6.3	
W		6.3	6.1

W		6.7	6.7
"		6.4	
"		6.4	
c		6.2	6.2
"		6.1	
"		6.1	
E		5.8	6.6

C of

E		5.7	6.7
"		6.1	
"		6.0	
C		6.2	6.2
"		6.2	
"		6.3	
W		6.3	6.0

S. of

W		6.5	6.9
"		6.3	
"		6.4	
c		6.3	6.1
"		6.1	
"		6.1	
E		5.7	6.7

		12.35			
		So Ch. Thomas			
E			5.8	6.6	
Ch			6.2		
"			6.2		
C			6.1	6.0	
"			6.5		
Ch			6.6		
W			6.6	5.8	
		S.L. Thomas.			
W			6.5	5.9	
Ch			6.6		
"			6.7		
C			6.5	5.9	
"			6.3		
Ch			6.1		
E			6.2	6.2	
T.P.	3.06	70.11	5.30	7.05	BM Spk Rlt
		50 So			
E			3.9	6.2	
Ch			4.1		
W			4.5		
C			4.5	5.6	
"			4.6		
Ch			4.5		
W			4.8	5.3	

	100 So		
W		4.7	5.4
Ch		4.7	
"		4.8	
C		4.6	5.5
"		4.6	
Ch		4.4	
E		4.1	6.0
	125' So = Alley		
E		4.1	6.0
Ch		4.5	
"		4.6	
C		4.7	5.4
"		4.9	
Ch		4.8	
W		5.2	4.9
	145' So = Alley	S.E cor. Thomas.	
W		5.3	4.8
Ch		5.1	
"		5.0	
C		4.9	5.7
"		4.7	
Ch		4.4	
E		4.3	5.8

10.11

170 So of Thomas

E			4.3	5.8	
Cl			4.4		
L			4.9		
C			5.0	5.1	
L			5.1		
Cl			5.1		
W			5.4	4.7	
		220 So			
W			5.3	4.8	
Cl			5.4		
L			5.4		
C			5.0	5.1	
L			5.1		
Cl			4.8		
E			4.6	5.5	
		270 So. N.L. Reed			
E			4.8	5.3	
Cl			4.8		
L			5.2		
C			5.1	5.0	
L			5.6		
Cl			5.6		
W			5.4	4.7	
T.P.	2.00	7.83	4.28	583	BM. Spk Pile

N. Cl. Reed

W		3.5	4.3
Cl		3.4	
L		3.3	
C		3.0	4.8
L		3.1	
Cl		2.9	
E		2.7	5.1
	N. L		
E		2.6	5.2
Cl		2.9	
L		2.9	
C		3.1	4.7
L		3.4	
Cl		3.3	
W		3.7	4.1
	Ctr		
W		3.8	4.0
Cl		3.4	
L		3.5	
C		3.0	4.8
L		3.0	
Cl		2.9	
E		2.9	4.9

POSTED

S.E Reed.

7.83

So. Reed

E	2.6	5.2
	3.1	
	3.1	
C	3.2	4.6
	3.5	
	3.3	
W	3.6	4.2

So. Cl.

W	3.7	4.1
	3.3	
	3.7	
C	3.2	4.6
	3.4	
	2.8	
E	2.6	5.2

SL. Reed.

E	2.8	5.0
	3.0	
	3.3	
C	3.2	4.6
	3.5	
	3.4	
W	3.5	4.3

50 So.

W	3.5	4.3
	3.7	
	3.6	
C	3.5	4.3
	3.5	
	3.0	
E	2.8	5.0

100 S.

E	3.1	4.9
	3.3	
	3.6	
C	3.8	4.5
	3.8	
	3.5	
W	3.8	4.0

150 So.

W	3.8	4.0
	3.6	
	3.7	
C	3.3	4.5
	3.7	
	3.3	
E	3.3	4.5

7.83

200 So of Reed

E		3.3	4.5
C		3.3	
C		3.5	
C		3.4	4.4
C		3.6	
C		3.3	
W		3.7	4.1
	350 So		
W		4.0	3.8
C		3.7	
C		3.6	
C		3.4	4.4
C		3.6	
C		3.3	
E		3.4	4.7
	370 So: N.L. Oliver		
E		3.2	4.6
C		3.3	
C		3.5	
C		3.4	4.4
C		3.7	
C		3.7	
W		4.0	3.8

No C

W	4.4	3.4
C	3.8	
C	3.7	
C	3.5	4.3
C	3.5	
C	3.4	
E	3.3	4.5
No J		
E	3.3	4.6
C	3.2	
C	3.6	
C	3.6	4.2
C	3.6	
C	3.9	
W	4.4	3.4
Chr		
W	4.3	3.5
C	4.0	
C	4.1	
C	3.7	4.1
C	3.7	
C	3.4	
E	3.1	4.7

POSTED

7.83

	So. 4 Oliver.		
E		3.2	4.6
Ct		3.4	
4		3.8	
C		3.9	3.9
4		4.2	
Ct		4.2	
W		4.3	3.5
	So. Ct.		
W		4.4	3.4
Ct		4.2	
4		4.3	
C		3.8	4.0
4		3.8	
Ct		3.3	
E		3.4	4.3
	S.L. Oliver		
E		3.5	4.3
Ct		3.6	
4		4.0	
C		4.2	3.6
4		4.3	
Ct		4.2	
W		4.3	3.5
BM Spk. Pole S.E. Oliver.		3.12	4.71

	50 S. of Oliver		
W		4.9	2.9
Ct		4.5	
4		4.6	
C		4.3	3.5
4		4.3	
Ct		3.8	
E		3.8	4.0
	100 So.		
E		4.1	3.7
Ct		4.3	
4		4.5	
C		4.4	3.4
4		4.8	
Ct		4.8	
W		5.1	2.7
	150 So		
W		5.3	2.5
Ct		4.9	
4		4.9	
C		4.6	3.2
4		4.6	
Ct		4.5	
E		4.4	3.4

7.83

200' So of Oliver

E			4.5	3.3	
Cl			4.5		
4			4.9		
C			4.9	2.9	
4			5.2		
Cl			5.1		
W			5.3	2.5	
250' So = N.L. Pacific Ave.					
W			5.9	1.9	
Cl			5.8		
4			5.3		
C			5.2	2.6	
4			5.2		
Cl			4.8		
E			4.7	3.1	
TS	2.54	6.52	3.85	3.98	BM Spk Pole
No Cl. Pacific - 12' sidewalks 60' st.					
E			3.3	3.2	
Cl			3.6	2.9	
4			3.8	2.7	
C			3.8	2.7	
4			3.7		
Cl			4.0		
W			4.1	2.4	

No Cl

W		4.2	2.3
Cl		3.8	
4		3.7	
C		3.7	2.8
4		3.9	
Cl		3.4	
E		3.5	3.0
	Ctr		
E		3.1	3.4
Cl		3.5	
4		3.6	
C		3.8	2.7
4		4.1	
Cl		4.1	
W		4.3	2.2
S.E Pacific			
	So Cl		
W		4.4	2.1
Cl		4.1	
4		4.0	
C		3.8	2.7
4		3.7	
Cl		3.5	
E		3.2	3.3

6.52

5. L. Pacific

E			3.2	3.3
"			3.7	
"			3.8	
C			3.8	2.7
"			4.0	
"			4.1	
W			4.4	2.1

5. L. Pacific

W			4.4	2.1
"			4.1	
"			3.9	
C			4.0	2.5
"			3.9	
"			3.9	
E			3.3	3.2

50' So on E & 515' So on W

E			3.6	3.1
"			3.9	
"			4.0	
C			4.1	2.4
"			4.3	
"			4.4	
W			4.6	1.9

100 So

W			4.7	1.8
"			4.4	
"			4.4	
C			4.4	2.1
"			4.6	
"			4.3	
E			3.9	2.6

165' So of L. Alley

E			4.5	2.0
"			4.9	
"			4.9	
C			4.7	1.8
"			4.7	
"			4.8	
W			4.9	1.6

185' So of Alley

W			4.8	1.7
"			5.0	
"			4.8	
C			5.0	1.5
"			5.1	
"			4.8	
E			4.8	1.7

6.52

235' So of Pacific

E		5.0	1.5
cl		5.1	
4		5.1	
c		5.2	1.3
4		5.2	
cl		5.3	
W		5.1	1.4

285' So

W		4.9	1.6
cl		5.2	
4		5.2	
c		5.2	1.3
4		5.5	
cl		5.6	
E		5.2	1.3

310' So = N.L. Brae Mar Lane

E		5.2	1.3
cl		5.2	
4		5.3	
c		5.1	1.4
4		5.2	
cl		5.1	
W		5.2	1.3

350' So = S.L. Brae Mar Lane

W		5.6	0.9
cl		5.0	
4		5.0	
c		4.9	
4		5.1	
cl		5.1	
E		5.2	1.3

50' So of B.M. Lane

E		5.2	1.3
cl		4.9	
4		4.8	
c		4.6	
4		4.8	
cl		4.8	
W		4.7	1.8

100' So

W		5.1	1.4
cl		5.2	
4		5.1	
c		5.1	
4		5.4	
cl		5.9	0.6
E		6.1	0.4
T.P. = 0.27	4.83 H.I.	1.42	5.10

V-83

110'So on E and 135'So on W. So. End Bayard.

E	6.0	-1.7
"	5.0	
"	5.1	
"	5.1	
"	5.1	
"	4.1	
W.	5.0	-0.1

POSTED

Bene Mar. Land

Bayard St.

110'So

135'So

Miss Bay

Cross-Section of Grand Ave
from Pendelton to Center St.

2.27	52.13		49.86-BM-N.E. Grand & Limit
2.04	49.44	4.73	47.40
4.45	49.45	4.44	45.00
1.94	44.92	6.47	42.98
2.69	38.98	8.61	36.31
1.32	31.84	8.45	30.53-Spk Pole Pdltn & Gd.

4/3/08 Hatch Williams Emory

Xsections of Centre Street from Park Blvd. to Robinson

POSTED

B m	286	347.29		344.43	NE track in Curb Campus Dr/Univ Blvd. Top NE Cur Cement Post SW Cor Campus Blvd
T.P.	005	343.95	3.39	343.90	
Wpt Centre - Campus			2.1	341.9	
		50'S of Campus			
W			2.4	341.6	
cb			2.6	341.4	
+10'			2.8	341.2	
		100'S			
W			2.9	341.1	
cb			2.9	341.1	
1/4			2.8	341.2	
+10'			2.9	341.1	
		125'S			
W			3.9	340.1	
cb			4.0	340.0	
1/4			4.1	339.9	
C			3.9	340.1	
+8'			3.7	340.3	
		150'S			
W			4.1	339.9	
cb			4.4	339.6	
1/4			4.3	339.7	
c			3.9	340.1	
1/4			4.0	340.0	
+9'			4.1	339.9	

POSTED

343.95

	183'S		
E		5.0	339.0
cb		4.8	339.2
1/4		5.0	339.0
c	manhole	5.0	339.0
1/4		4.8	339.2
cb		4.1	339.9
W		3.7	340.3
	200'S		
W		4.1	339.9
cb		4.4	339.6
1/4		4.7	339.3
c		4.9	339.1
1/4		5.5	338.5
cb		5.3	338.7
E		5.3	338.7
	250'S		
E		6.4	337.6
cb		6.6	337.4
1/4		6.6	337.4
c		5.6	338.4
1/4		5.5	338.5
cb		5.5	338.5
W		5.2	338.8

		339.5		
		300' S		
W			7.0	337.0
cb			7.1	336.9
1/4			7.5	336.5
c			7.7	336.3
1/4			8.0	336.0
cb			7.9	336.1
E			7.5	336.5
		350' S		
E			9.1	334.9
cb			9.6	334.4
1/4			9.6	334.4
c			9.6	334.3
1/4			10.0	334.0
cb			9.6	334.4
W			8.9	335.6
		400' S		
W			10.4	333.6
cb			11.5	332.5
1/4			11.7	332.3
c			11.5	332.5
1/4			11.0	333.0
cb			10.5	333.5
E			10.0	334.0
T.P.	1.30	335.21	10.04	333.91

	335.21		
	450' S		
E		1.2	334.0
cb		2.2	333.0
1/4		2.8	332.4
c		3.1	332.1
1/4		4.2	331.0
cb		4.8	330.4
W		5.0	330.2
	500' S		
W		8.4	326.8
cb		6.2	329.0
1/4		5.1	330.1
c		3.9	331.3
1/4		3.3	331.9
cb		2.7	332.5
E		1.6	333.6
	525' S		
E		2.3	332.9
cb		3.3	331.9
1/4		4.1	331.1
c		5.0	330.2
1/4		5.9	329.3
cb		5.9	329.3
W		7.0	328.2

		336.21			
		550' S			
W			8.0	327.2	
cb			6.9	328.3	
1/4			6.2	329.0	
c			5.4	329.8	
1/4			4.5	330.7	
cb			3.9	331.3	
E			3.0	332.2	
		600' S = N. Lincoln			
E			4.7	330.5	
cb			5.4	329.8	
1/4			6.2	329.0	
c			7.4	327.6	
1/4			7.7	327.3	
cb			8.4	326.8	
W			9.4	325.8	
		S. Lincoln			
W			11.7	323.5	
cb			12.2	323.0	
1/4			12.5	322.7	
c			12.3	322.9	
1/4			12.0	323.2	
cb			11.5	323.7	
E			11.0	324.2	
TP	0.21	324.40	11.02	324.19	Hub.

	324.40		
	50' S of Lincoln		
E	3.6	320.8	
cb	3.2	321.2	
1/4	2.7	321.7	
c	3.3	321.1	
1/4	3.9	320.5	
cb	4.0	320.4	
W	3.9	320.5	
	100' S		
W	4.0	320.4	
cb	4.8	319.6	
1/4	5.1	319.3	
c	5.3	319.1	
1/4	5.4	319.0	
cb	5.0	319.4	
E	5.2	319.2	
	150' S		
E	7.1	317.3	
cb	7.6	316.8	
1/4	7.6	316.8	
c	7.0	317.4	
1/4	6.0	318.4	
cb	5.3	319.1	
W	5.5	318.9	

324.40

200' S

W		
Cb	8.3	316.1
1/4	8.7	315.7
C	8.3	316.1
1/4	9.0	315.4
Cb	9.6	314.8
E	9.6	314.8
	9.6	314.8

250' S

E		
Cb	11.1	313.3
1/4	12.3	312.1
C	12.0	312.4
1/4	11.7	312.7
Cb	11.6	312.8
W	11.1	313.1
T.P.	10.6	313.8
0.57 313.71	11.28	313.12

300' S

W		
Cb	2.2	311.5
1/4	1.7	312.0
C	2.2	311.5
1/4	3.5	310.2
Cb	3.9	309.8
E	4.1	309.6
	3.6	310.1

313.71

350' S

E		
Cb	6.3	307.4
1/4	6.1	307.6
C	5.9	307.8
1/4	5.3	308.4
Cb	4.7	309.0
W	4.3	309.4
	3.6	310.1

400' S

W		
Cb	4.5	309.2
1/4	5.2	308.5
C	6.2	307.5
1/4	6.8	306.9
Cb	7.0	307.7
E	7.6	307.1
	7.9	306.8

450' S

E		
Cb	9.2	304.5
1/4	8.6	305.1
C	7.5	306.2
1/4	7.0	306.7
Cb	6.5	307.2
W	6.6	307.1
	6.2	307.5

313.7 1

300 S

W			7.0	306.7
ch			7.2	306.5
½c			7.9	305,8
c			9,3	304.7
½c			10,0	303,7
ch			10,4	303.3
E			10.5	303.2
		5-5-0 S		
F			11,8	301.9
ch			11.3	302.4
½c			10,5	303.2
c			9,3	304.4
½c			9,0	304.7
ch			8.7	305.0
W			8.1	305.6
		600 S = N ½ Blaine		
W			9.6	304.1
ch			9.7	304.0
½c			10.1	303.6
c			11.1	302.6
½c			11,8	301.9
ch			12,4	301.5
~~W~~	6.0.9	308.06	11.74	301.97
E			7.7	300.4

308.06

N ch Blaine

W			4.0	304.1
ch			4.2	303.9
½c			4.6	303.5
c			5.6	302.5
½c			6.1	302.0
ch			7,3	300.8
E			8.2	299.9
		N ½ Blaine		
E			8.5	299.6
ch			7.7	300.4
½c			7.2	300.9
c			6.5	301.6
½c			5.7	302.4
ch			5.4	302.7
W			5.1	303.0
		Cr.		
W			4.6	303.5
ch			4.9	303.2
½c			5.4	302.7
c			6.2	301.9
½c			6.9	301.2
ch			7.4	300.7
E			7.8	300.3

308.06

5/4 Blaine

E	8.6	299.5
cb	7.9	300.2
1/a	7.4	300.7
c	6.9	301.2
1/a	6.4	301.7
cb	5.6	302.5
W	5.3	302.8

5 cb. Blaine

W	5.3	302.8
cb	5.4	302.7
1/a	6.0	301.1
c	6.8	301.3
1/a	7.5	300.6
cb	8.2	299.9
E	8.2	299.9

5 L. Blaine

E	8.9	299.1
cb	8.0	300.1
1/a	7.7	300.4
c	7.2	300.9
1/a	6.9	301.2
cb	6.3	301.8
W	5.4	302.7

POSTED

308.06

25' S. of Blaine

W	5.2	302.9
cb	6.1	301.0
1/a	6.6	301.5
c	6.4	301.7
1/a	6.0	302.1
cb	5.9	302.2
E	6.6	301.5

50' S.

E	6.7	301.4
cb	7.1	301.0
1/a	6.3	301.8
c	5.3	302.8
1/a	5.3	302.8
cb	4.3	303.8
W	3.5	304.6

75' S.

W	5.0	303.1
cb	5.5	302.6
1/a	5.9	302.2
c	6.2	301.9
1/a	6.2	301.9
cb	6.5	301.6
ET	6.6	301.5
E	4.9	303.2

POSTED

	30806		
	100 'S of Blaine		
E	3.7	304.4	
+8	6.0	302.1	
cb	6.2	301.9	
+6	5.8	302.3	
+9	4.7	303.4	
1/4	4.8	303.3	
C	5.4	302.7	
1/4	4.6	303.5	
cb	4.1	304.0	
W	3.3	304.8	
	120 'S.		
W	3.5	304.6	
cb	4.6	303.5	
1/4	4.3	303.8	
C	4.1	304.0	
+7 = SL Univ. Rc.	3.8	304.3	
	138 'S = Univ Rc on West.		
W	2.6	305.5	
	on East line Univ Rc = 105 S of Blaine (Grade)		
BM NE Trolley Pole Univ - Centre	2.37	305.69	305.65

BM	3.7	307.42	305.65
	NL Univ Rc		
E	4.1	305.3	
cb	4.3	305.1	
1/4	4.4	305.0	
C	4.6	304.8	
1/4	4.7	304.7	
cb	4.9	304.5	
W	4.8	304.6	
	10 'S		
W	4.1	305.3	
cb	4.6	304.8	
1/4	5.3	304.1	
C	6.5	302.9	
1/4	7.8	301.6	
cb	8.3	301.1	
E	9.0	300.4	
	30 'S		
E	8.4	301.0	
cb	8.1	301.3	
1/4	7.3	302.1	
C	6.5	302.9	
1/4	5.0	304.4	
cb	4.2	305.2	
W	3.3	306.1	

30942

50 'S

W	3.3	306.1
cb	3.5	305.9
1/c	4.5	304.9
c	5.5	303.9
1/a	6.0	303.4
ab	6.6	302.8
E	7.3	302.1

100 'S

E	7.0	302.4
ab	6.1	303.3
1/a	5.1	304.3
c	3.9	305.5
cb	3.9	305.5
+9	3.5	305.9
W	2.8	306.6
	1.5	307.9

150 'S

W	1.7	307.7
+2	2.9	306.5
cb	3.6	305.8
1/a	3.9	305.5
c	3.8	305.6
1/a	4.7	304.7
ab	6.2	303.2
E	7.2	302.2

30942

200 'S

E	5.1	301.3
cb	6.7	302.7
1/a	5.5	303.9
c	4.3	305.1
1/c	4.5	304.9
cb	4.2	305.2
+8	3.5	305.9
W	2.6	306.8

250 'S

W	3.5	305.9
cb	4.2	305.2
1/c	4.7	304.7
c	5.0	304.4
1/a	6.4	303.0
cb	7.9	301.5
E	9.1	300.3

300 'E

E	8.7	300.7
cb	7.1	302.3
1/c	5.5	303.9
c	4.9	304.5
1/c	4.6	304.8
cb	4.4	305.0
W	4.4	305.0

309.42

350' S

W	3.4	304.0
cb	3.4	304.0
1/4	3.7	303.7
c	6.1	303.3
1/4	6.4	303.0
cb	7.7	301.7
E	8.6	300.8

400' S

E	8.5	300.9
cb	8.8	300.6
1/4	7.8	301.6
c	6.9	302.5
1/4	6.9	302.5
cb	6.4	303.0
W	6.2	303.2

450' S

W	7.0	302.4
cb	6.8	302.6
1/4	7.5	301.9
c	7.9	301.5
1/4	8.8	300.6
cb	9.9	299.5
E	10.3	299.1

309.42

475' S

E	10.2	299.2
cb	10.3	299.1
1/4	9.6	299.8
c	9.2	300.2
1/4	8.6	300.8
cb	8.0	301.4
W	7.6	301.8

500' S

W	7.6	301.8
cb	8.6	300.8
1/4	9.2	300.2
c	9.8	299.6
1/4	10.8	298.6
cb	11.0	298.4
E	10.4	298.0

525' S

E	12.4	297.0
cb	12.4	297.0
1/4	11.4	298.0
c	10.4	299.0
1/4	10.1	299.3
cb	9.3	300.1
W	8.9	300.5
T.P. 1.67	301.73	9.36 300.06

POSTED
POSTED

30173

550' S

W	1,4	300.3
ob	2,6	299.1
1/c	3,8	297.9
c	4,2	297.5
1/a	4,8	296.9
ob	5,6	296.1
E	5,5	296.2

600' S

E	8,5	293.2
ob	8,7	293.3
1/a	7.9	293.8
c	6,6	295.1
1/a	5,4	296.3
ob	4,0	297.7
W	2,5	299.2

625' S

W	2.8	298.9
ob	3.8	297.9
1/a	5.9	295.8
c	7.7	294.0
1/c	9.3	292.2
ob	10.3	291.4
E	10.6	291.1

POSTED

30173

S = Mt Rubidoux

E	12.8	288.9
ob	11.4	290.3
1/a	10.2	291.5
c	7.5	294.2
1/a	5.9	295.8
ob	4.2	297.5
W	2.71	299.02 Hub.

POSTED

Curve - Grand Ave -

So Side St - R 1364.4 - Def Ang 50' - 1°03' - 4°12' curve

No " " R 14444 " " 5293' = 1°03'4 - 3°58' "

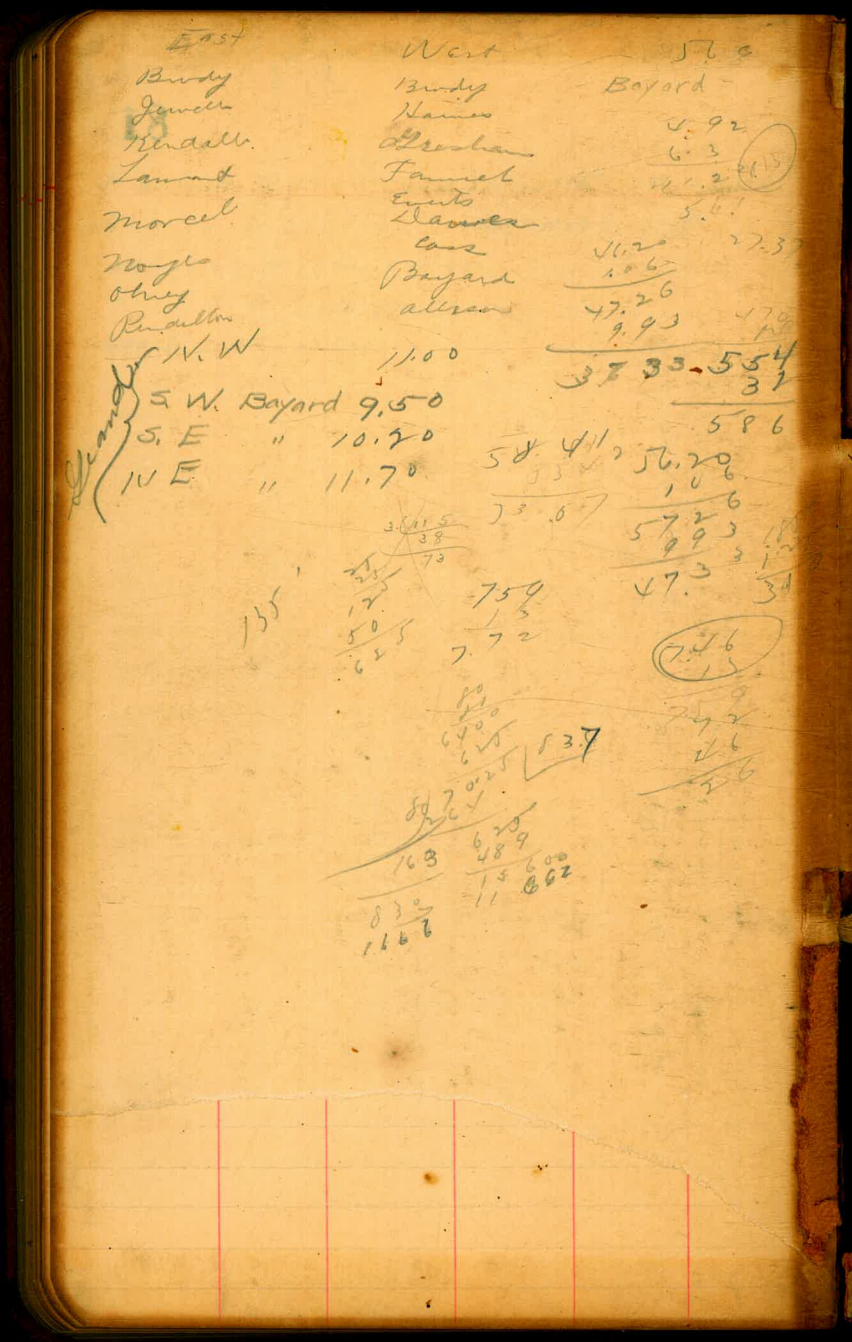
BC To Ctr St on So - 540.85

" " " " " " No - 572.56

Lee St to BC - 258.61

410
510
483
.27

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



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	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.