Return to City Engineers Office
Civic Bldg. San Diego, Cal.

LEVEL BOOK

400

F.B.334

H. S. CROCKER COMPANY

DRAWING MATERIALS AND SURVEYING INSTRUMENTS

SAN FRANCISCO

334

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 Kuebel & 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
OCT 5 1964

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

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

X. Sect. G St. 26th East

26th & G.	10.27	H.I. 184.23		173.96	B.M. 13' Hub
		East line		26th	
So line			5.9	178.3	
			5.8	178.4	
			6.4	177.8	
c			6.1	178.1	
			5.9	178.3	
			4.6	179.6 POSTED	
n line			5.4	178.8	
		25' E			
n line			4.4	179.8	
			4.7	179.5	
			4.8	179.4	
c			4.8	179.4	
			4.4	179.8	
			5.0	179.2	
So line			5.7	178.5	

184.23

50' E

So. line	4.0	180.2
	4.1	180.1
	3.4	180.8
C	2.9	181.3
	2.0	182.2
	2.6	181.6
N. line	1.7	182.5

75' E

N. line	1.5	182.7
	1.8	182.4
	1.9	182.3
C	2.3	181.9
	2.7	181.5
	2.8	181.4
So. line	3.2	181.0

100' E

So. line	1.5	181.7
	2.1	182.1
	2.2	182.0
C	1.8	182.4
	1.4	182.8
	1.7	182.5
N. line	1.1	183.1

125' E

N. line	1.9	182.3
	2.0	182.2
	2.3	181.9
C	2.1	182.1
	1.8	182.4
	1.5	182.7
So. line	2.2	182.0

184.23

140' E (W. line alley)

So line	3.1	181.1
	3.1	181.1
	3.0	181.2
C	3.1	181.1
	3.2	181.0
	3.3	180.9
N line	4.0	180.2

160' E (E line alley)

N line	7.6	176.6
	8.1	176.1
	7.7	176.5
C	7.8	176.4
	7.6	176.6
	7.2	177.0
So line	6.7	177.5

25' East alley

		N.I.		
T.P.	0.21	172.00	1.44	171.79
So line			0.3	171.7
			0.4	171.6
			0.4	171.6
C			0.7	171.3
			2.1	169.9
			2.4	169.6
N line			2.7	169.3

50' E

N line	8.5	163.5
	8.5	163.5
	7.9	164.1
C	7.9	164.1
	7.5	164.5
	6.5	165.5
So line	5.9	166.1

75' E

		H.I.		
J.P.	0.04	159.07	12.97	159.03
solive			0.0	159.1
			1.0	158.1
			1.0	158.1
C			0.7	158.4
			0.8	158.3
			0.9	158.2
nline			1.0	158.1
		100' E		
nline			6.4	152.7
			6.7	152.4
			6.2	152.9
C			5.5	153.6
			5.1	154.0
			5.0	154.1
solive			4.3	154.8

159.07

125' E

solive			7.8	151.3
			7.7	151.4
			9.4	149.7
C			10.5	148.6
			11.3	147.8
			11.7	147.4
nline			11.6	147.5
		H.I.		
J.P.	1.19	147.27	12.99	146.08
		150' E		
nline			6.3	141.0
			6.4	141.9
			4.2	143.1
C			3.5	143.8
			2.4	144.9
			0.9	146.4
solive			0.7	146.6

147.27

175' E

Soline	4.2	143.1	
	5.1	142.2	
	6.3	141.0	
C	7.6	139.7	
	8.6	138.7	
	8.7	138.6	
nline	9.1	138.2	

200' E

nline	14.5	132.8	
	14.0	133.3	
	13.1	134.2	
C	12.4	134.9	
	11.1	136.2	
	9.6	137.7	
Soline	9.1	138.2	

225' E

		H.L.		
JP.	1.03	135.47	12.83	134.44
Soline			1.3	134.2
			2.1	133.4
			3.1	132.4
C			3.0	132.5
			3.6	131.9
			5.0	130.5
nline			6.4	129.1

250' E

nline	11.0	124.5	
	11.5	124.0	
	10.6	124.9	
C	9.3	126.2	
	8.6	126.9	
	8.0	127.5	
Soline	6.3	129.2	

POSTED

		H.I.		
J.P.	2.48	125.06	12.89	122.58
		282' E (west line alley)		
So line			5.0	120.1
			4.9	120.2
C			4.9	120.2
C			5.0	120.1
			4.8	120.3
			5.0	120.1
N line			5.4	119.7
		292' E center line alley		
N line			7.3	117.8
			6.7	118.4
			6.6	118.5
C			6.4	118.7
			5.4	119.7
			5.7	119.4
So line			6.5	118.6

		125.06		
		302' E (East line alley)		
So line			7.0	118.1
			6.8	118.3
			8.5	116.6
C			6.8	118.3
			5.8	119.3
			5.0	120.1
N line			4.6	120.5
		8' East of alley		
N line			3.8	121.3
			3.9	121.2
			5.0	120.1
C			5.8	119.3
			6.7	118.4
			7.6	117.5
So line			9.1	116.0

		125.06		
		15° E:		
So. line			7.2	117.9
			6.4	118.7
			5.9	119.2
C			6.0	120.1
			4.6	120.5
			3.6	121.5
N line			2.7	122.4
		40° E		
N. line	H.I	135.47	9.2	126.3
			10.3	125.2
			10.7	124.8
C			11.1	124.4
			12.1	123.4
			12.8	122.7
So. line			13.8	121.7

		65° E		
So. line			9.9	125.6
			9.3	126.2
			7.9	127.6
C			6.6	128.9
			6.1	129.4
			4.7	130.8
N line			3.4	132.1
J.P.	12.93	H.I. 147.07	1.33	134.14
		90° E		
N line			9.0	138.1
			9.7	137.4
			10.5	136.6
C			12.0	135.1
			13.6	133.5
			15.2	131.9
So. line			16.3	130.8

		147.07		
		115' E		
So line			10.1	137.0
			8.5	138.6
			6.4	140.7
C			4.7	142.4
			2.8	144.3
			1.8	145.3
n line			0.5	146.6
T.P.	12.98	H.I. 159.72	0.33	146.74
		140' E	(West line 27th)	
n line			7.7	152.0
			7.5	152.2
			8.7	151.0
C			9.8	149.9
			10.7	149.0
			12.5	147.2
So line			14.8	1449

		W. ch.		
So line			12.0	147.7
			9.1	150.6
			7.7	152.0
C			6.8	152.9
			6.3	153.4
			6.3	1534
n line			5.0	154.7
		W 1/4		
n line			3.2	156.5
			3.8	1559
			4.5	155.2
C			5.5	154.2
			6.5	153.2
			7.2	152.5
So line			9.0	150.7

159.72
Center

So line			7.8	151.9
			6.3	153.4
			6.1	154.6
C			3.7	156.0
			2.4	157.3
			1.5	158.2
N line			0.9	158.8
T.P.	11.58	H.I. 170.81	0.49	159.23

E 1/4

N line			10.1	160.7
			10.4	160.4
			11.3	159.5
C			12.7	158.1
			14.0	156.8
			15.5	155.3
So line			17.0	153.8

E.Cb.

So line			15.9	154.9
			13.8	157.0
			12.4	158.4
C			10.6	160.2
			10.0	160.8
			9.4	161.4
N line			9.1	161.7

E. line 27 rte

N line			7.8	163.0
			8.2	162.6
			8.6	162.2
C			9.1	161.7
			10.5	160.3
			12.2	158.6
So line			14.2	156.6

		25' E		
Saline			11.4	159.4
			9.2	161.6
			7.7	163.1
C			6.6	164.2
			5.6	165.2
			4.9	165.9
N line			4.8	166.0
		50' E		
N line			0.5	170.3
			1.6	169.2
			3.1	167.7
C			4.3	166.5
			5.6	165.2
			7.0	163.8
Saline			9.0	161.8

		170.81		
		75' E		
Saline			6.8	164.0
			4.6	166.2
			2.9	167.9
C			0.9	169.9
J.P.	10.86	H.I. 181.50	0.17	170.64
N 1/4			9.4	172.1
C			7.9	173.6
N line			6.7	174.8
		100' E		
N line			5.6	176.9
			6.1	165.4
			6.8	174.7
C			8.2	173.3
			10.3	171.2
			12.5	169.0
Saline			14.3	167.2

125' E

So line	10.8	170.7
	9.1	172.4
	7.8	173.7
C	7.0	174.5
	5.6	175.9
	4.7	176.8
N line	3.9	177.6

150' E

N line	3.1	178.4
	3.6	177.9
	4.4	177.1
C	5.2	176.3
	6.2	175.3
	6.7	174.8
So line	8.0	173.5

175' E

So line	5.0	176.5
	4.6	176.9
	4.2	177.3
C	4.0	177.5
	3.5	178.0
	3.1	178.4
N line	2.5	179.0

200' E

N line	2.2	179.3
	2.5	179.0
	2.9	179.6
C	3.4	178.1
	3.7	177.8
	4.3	177.2
So line	5.1	176.4

		Σ 25' E		
Soline			4.5	177.0
			4.0	177.5
			3.7	177.8
C			3.1	178.4
			3.1	178.4
			2.9	178.6
N line			2.4	179.1
		250' E		
N line			4.1	177.4
			3.9	177.6
			4.8	176.7
C			4.9	176.6
			5.0	176.5
			4.8	176.7
Soline			4.8	176.7

		181.50		
		275' E		
Soline			6.6	174.9
			6.8	174.7
			8.1	173.4
C			8.7	172.8
			8.4	173.1
			8.0	173.5
N line			7.1	174.4
		300' E		
N line			10.6	170.9
			11.1	170.4
			11.5	170.0
C			11.8	169.7
			11.6	169.9
			10.5	171.0
Soline			9.2	172.3
J.P.	1.03	H.F. 169.52	13.01	168.49

169.52

325' E

solid	0.7	168.8
	1.5	168.0
	1.9	167.6
c	2.0	167.5
	2.2	167.3
	2.5	167.0
n line	2.3	167.2

350' E

n line	6.1	163.4
	6.5	163.0
	6.2	163.3
c	6.1	163.4
	5.9	164.6
	6.2	163.3
solid	5.0	164.5

375' E

solid			10.0	159.5
			9.9	159.6
			9.5	160.0
c			10.0	159.5
			9.4	160.1
			9.2	160.3
n line			9.2	160.3

400' E

n line			11.5	158.0
			12.1	157.4
			12.3	157.2
c			12.3	157.2
			12.8	156.7
			13.2	156.3
solid			13.6	155.9
T.P.	0.71	H.I. 157.17	13.06	156.46

	157.17		
	425' E		
solid		9.1	148.1
		6.9	150.3
		3.9	153.3
C		3.4	153.8
		2.8	154.4
		2.5	154.7
v line		1.4	155.8
	450' E		
v line		7.6	149.6
		7.7	149.5
		8.4	148.8
C		9.5	147.7
		10.7	146.5
		13.4	143.8
solid		17.0	140.2

		145.08		
		475' E		
solid	H.I.	145.08	10.6	134.5
			7.1	138.0
			3.5	141.6
C	H.I.	157.17	12.1	145.1
			11.2	146.0
			11.1	146.1
v line			12.1	145.1
T.P.	0.84	H.I. 145.08	12.93	144.24
		500' E		
v line			7.3	137.8
			7.3	137.8
			7.2	137.9
C			7.7	137.4
			10.1	135.0
			12.4	132.7
solid			14.8	130.3
T.P.	0.18	H.I. 132.65	12.61	132.47

132.65

525' E

solive	6.9	125.8	
	5.0	127.7	
	2.9	129.8	
c	1.8	130.9	
	1.8	130.9	
	1.7	131.0	
nlive	2.2	130.5	

550' E

nlive	10.7	122.0	
	9.7	123.0	
	9.4	123.3	
c	9.9	122.8	
	10.2	122.5	
	11.0	121.7	
solive	12.5	120.8	
T.P. 0.34	H.I. 121.18	11.81	120.84

121.18

575' E

solive	6.9	114.3
	7.2	114.0
	6.7	114.5
c	6.6	114.6
	6.0	115.2
	5.7	115.5
nlive	5.5	115.7

600' E (west line 28th)

nlive	8.0	113.2
	8.0	113.2
	8.1	113.1
c	8.6	112.6
	8.9	112.3
	9.3	111.9
solive	9.9	111.3

note — 28th is 100' wide

W. cb

Soline	11.8	109.4	
	10.6	110.6	
	10.0	111.2	
C	9.5	111.7	
	9.1	112.1	
	8.7	112.5	
n line	8.3	112.9	

W 1/4

n line	8.4	112.8	
	8.6	112.6	
	8.9	112.3	
C	9.5	111.7	
	9.9	111.3	
cb × 5'	10.4	110.8	
Soline	11.8	109.4	
	10.4	110.8	

121.18

Center

Soline	8.5	112.7	
	8.6	112.6	
	9.5	111.7	
C	9.1	112.1	
	7.6	113.6	
	7.9	113.3	
n line	7.5	113.7	

E 1/4

n line	5.2	116.0	
	5.3	115.9	
	5.2	116.0	
C	6.5	114.7	
	5.8	115.4	
	6.1	115.1	
Soline	5.8	115.4	

		121.18		
		E. Cb		
Soline			2.7	118.5
			1.8	119.4
			1.3	119.9
C			1.2	120.0
			1.8	119.4
			1.3	119.9
n line			0.0	121.2
		H.I. 132.65		
		East line 28th		
n line			6.7	126.0
			7.4	125.3
			8.1	124.6
C			8.2	124.5
			8.6	124.1
			9.0	123.7
Soline			9.6	123.1

		132.65		
		25' E		
soline			3.8	128.9
			3.0	129.7
			1.8	130.9
C			1.8	130.9
			1.4	130.3
			0.7	132.0
n line			-0.35	133.0
T.P.	12.97	H.I. 145.26	0.36	132.29
		50' E		
n line			6.4	138.9
			6.6	138.7
			7.3	138.0
C			7.3	138.0
			8.1	137.2
			8.9	136.4
Soline			9.7	135.6

		145.26		
		75' E		
solid			4.7	140.6
			3.3	142.0
			1.8	143.5
c			1.2	144.1
			0.8	144.5
			0.6	144.7
nline			-0.2	145.5
J.P.	12.96	H.I. 157.58	0.64	144.62
		100' E		
nline			5.7	151.9
			6.9	150.7
			7.5	150.1
c			8.3	149.3
			9.1	148.5
			9.7	147.9
solid			11.1	146.5

		157.58		
		125' E		
solid			4.1	153.5
			3.4	154.2
			2.2	155.4
c			1.7	155.9
			1.3	156.3
			0.7	156.9
nline			-0.2	157.8
J.P.	12.94	H.I. 170.00	0.52	157.06
		140' E	(west line alley)	
nline			10.3	159.7
			10.6	159.4
			10.9	159.1
c			11.6	158.4
			11.7	158.3
			13.0	157.0
solid			14.0	156.0

170.00

400' W. 29th = 160' E (East line alley)

So line	11.5	158.5
	10.6	159.4
	9.8	160.2
℄	9.3	160.7
	8.6	161.4
	8.0	162.0
N line	7.8	162.2

375' W 29th

N line	4.1	165.9
	4.7	165.3
	5.0	165.0
℄	5.3	164.7
	6.1	163.9
	6.6	163.4
So line	6.8	163.2

350' W

So line	4.7	165.3
	4.4	165.6
	3.8	166.2
℄	3.2	166.8
	2.9	167.1
	2.6	167.4
N line	2.4	167.6

325' W

N line	0.8	169.2
	1.3	168.7
	1.4	168.6
℄	1.7	168.3
	2.6	167.4
	3.4	166.6
So line	3.8	166.2

POSTED

	300' W	
solid	3.5	166.5
	3.0	167.0
	2.4	167.6
C	1.7	168.3
	1.0	169.0
	0.5	169.5
n line	0.0	170.0
	275' W	
n line	0.2	169.8
	0.7	169.3
	1.4	168.6
C	2.0	168.0
	2.4	167.6
	2.6	167.4
solid	3.4	166.6

	250' W	
solid	3.9	166.1
	3.5	166.5
	3.2	166.8
C	2.9	167.1
	2.6	167.4
	2.4	167.6
n line	2.1	167.9
	225' W	
n line	4.0	166.0
	3.7	166.3
	3.5	166.5
C	4.0	166.0
	4.2	165.8
	4.3	165.7
solid	4.7	165.3

170.00

200' W

solne			6.5	163.5
			6.4	163.6
			5.9	164.1
c			5.6	164.4
			6.1	163.9
			6.7	163.3
nline			7.1	162.9

175' W

nline			11.5	158.5
			11.6	158.4
			11.0	159.0
c			10.7	159.3
			10.9	159.1
			10.7	159.3
solne			10.2	159.8
		N.I.		
J.P.	0.79	157.73	13.06	156.94

157.73

150' W

solne			2.2	155.5
			2.5	155.2
			2.4	155.3
c			2.3	155.4
			2.4	155.3
			2.2	155.5
nline			2.2	155.5

125' W

nline			5.9	151.8
			5.9	151.8
			5.4	152.3
c			5.2	152.5
			5.3	152.4
			5.2	152.5
solne			4.8	152.9

		157.73		
		100' W		
Soline			7.4	150.3
			7.4	150.3
			7.3	150.4
C			7.5	150.2
			8.1	149.6
			8.2	149.5
Nline			8.7	149.0
		75' W		
Nline			13.1	144.6
			12.8	144.9
			11.3	146.4
C			10.3	147.4
			9.9	147.8
			9.9	147.8
Soline			10.2	147.5
T.P.	0.19	H.I. 144.98	12.94	144.79

		144.98		
		50' W		
Soline			2.6	142.4
			2.6	142.4
			2.5	142.5
C			2.9	142.1
			3.6	141.4
			3.6	141.4
Nline			5.0	140.0
		25' W		
Nline			12.0	133.0
			10.2	134.8
			8.6	136.4
C			7.7	137.3
			8.6	136.4
			8.9	136.1
Soline			8.6	136.4
T.P.	0.81	H.I. 132.73	13.06	131.92

132.73

West line 29th

So line	2.4	130.3	✓
	2.8	129.9	
	1.5	131.2	
C	1.0	131.7	
	1.2	131.5	
	3.5	129.2	
n line	6.7	126.0	✓

W.C6.

n line	10.5	122.2	✓
	8.2	124.5	
	5.2	127.5	
C	4.2	128.5	
	3.6	129.1	
	4.8	127.9	
So line	4.9	127.8	

W 1/4

So line	6.9	125.8	✓
	7.6	125.1	
	6.9	125.8	
C	10.6	122.1	
	10.6	122.1	
	12.7	120.0	
n line	13.3	119.4	✓

Center

n line			15.2	117.5 ✓
			15.2	117.5
			16.2	116.5
C			15.5	117.2
			13.7	119.0
			11.9	120.8
So line			9.7	123.0 ✓
J.P.	0.24	H.I. 122.46	10.51	122.22

	122.46			
	E 1/4			
Solive		2.7	119.8	
		5.7	116.8	
		6.9	115.6	
C		7.2	115.3	
		6.8	115.7	
		6.3	116.2	
N line		5.5	117.0	
	E. Cb.			
N line		6.1	116.4	
		6.9	115.6	
		7.3	115.2	
C		7.6	114.9	
		7.2	115.3	
		7.4	115.1	
Solive		6.1	116.4	

	East line 29th			
Solive		8.8	113.7	
		8.4	114.1	
		7.3	115.2	
C		7.8	114.7	
		7.4	115.1	
		6.9	115.6	
N line		6.4	116.1	
	25'. E.			
N line		7.8	114.7	
		7.9	114.6	
		8.8	113.7	
C		8.1	114.4	
		9.0	113.5	
		9.2	113.3	
Solive		8.4	114.1	

40' E bottom crick

solid	8.7	113.8
	8.7	113.8
	7.5	115.0
c	8.4	114.1
	8.2	114.3
	7.5	115.0
white	9.5	113.0

50' E

white	4.3	118.2
	3.6	118.9
	5.1	117.4
c	5.7	116.8
	6.7	115.8
	9.2	113.3
solid	9.9	112.6

POSTED

12246

75' E

solid	3.3	119.2
	2.7	119.8
	2.4	120.1
c	2.4	120.1
	1.8	120.7
	1.3	121.2
white	0.7	121.8

H.I. 132.73

100' E

white	7.2	125.5
	7.5	125.2
	7.8	124.9
c	8.5	124.2
	9.2	123.5
	9.9	122.8
solid	10.5	122.2

		132.73		
		125' E		
do line			4.9	127.8
			4.0	128.7
			3.8	128.9
C			3.3	129.4
			3.1	129.6
			3.3	129.4
nline			2.9	129.8
J.P.	13.01	H.I. 145.02	0.72	132.01
		150' E		
nline			8.1	136.9
			9.0	136.0
			9.5	135.5
C			9.7	135.3
			10.1	134.9
			10.6	134.4
do line			11.4	133.6

		145.02		
		175' E		
do line			4.9	140.1
			4.2	140.8
			3.9	141.1
C			3.4	141.6
			2.7	142.3
			2.1	142.9
nline			2.0	143.0
J.P.	12.86	H.I. 157.42	0.46	144.56
		500' E		
nline			9.0	148.4
			10.1	147.3
			10.5	146.9
C			11.1	146.3
			11.1	146.3
			12.0	145.4
do line			13.1	144.3

POSTED

157.42 HG

225' E

Solvie	9.9	147.5
	9.4	148.0
	8.2	149.2
C	7.9	149.5
	7.5	149.9
	6.7	150.7
Nlive	6.4	151.0

250' E

Nlive	3.8	153.6
	4.8	152.6
	5.4	152.0
C	5.9	151.5
	7.3	150.1
	8.3	149.1
Solvie	8.9	148.5

275' E

Solvie	8.9	148.5
	7.9	149.5
	6.6	150.8
C	5.0	152.4
	3.5	153.9
	2.4	155.0
Nlive	1.2	156.2

300' E

Nlive	0.8	156.6
	1.9	155.5
	3.5	153.9
C	5.2	152.2
	7.0	150.4
	8.4	149.0
Solvie	10.0	147.4

157.42

325' E

So line	11.3	146.1'
	10.0	
	8.8	
C	6.6	150.8
	4.7	
	2.5	
N line	1.2	156.2'

350' E

N line	2.2	155.2'
	4.3	
	6.1	
C	8.1	149.3
	9.8	
	11.3	
So line	12.6	144.8'

157.42

375' E

So line	15.3	~~141.1~~ 142.1
	11.0	146.4
	11.6	
C	9.1	148.3
	7.3	
	5.9	
N line	3.6	153.8'

395' E (W. line 30 ch)

N line	4.9	152.5'
	5.5	
	5.8	
C	5.9	151.5
	6.7	
	6.4	151.0
So line	6.1	~~151.3'~~

Note, — Jog. = 206 ft. from W. line to west line

	148	H.I. 158.65		157.17	B.M
		E. line 30th			
n line			0.5	158.2	
			0.7		
			1.1		
C			0.8	157.9	
			1.1		
			0.7		
C6 + 11'			0.5		
So line			2.9	155.8	
		7' East			
So line			3.2	155.5	
			3.6		
			4.0		
C			4.1	154.6	
			4.6		
			5.0		
n line			5.3	153.4	

		158.65	
	25' East		
n line		8.7	150.0
		8.2	
		7.3	
C		6.3	152.4
		5.7	
		4.9	
So line		4.0	154.7
	50' E		
So line		6.2	152.5
		8.0	
		8.8	
C		10.1	148.6
		10.7	
		11.3	
n line		11.8	146.9

		158.65			
		75' E			
C			12.7	146.0	
			11.7		
			10.7		
So. line			8.7	150.0	
		100' E			
So. line			11.9	146.8	
		175' E			
N line			10.1	148.6	
Cb			12.7		
		300' E			
N 1/4			12.0	146.7	
Cb			8.8		
N line			6.1	153.6	
		325' E.			
N. line			2.7	156.0	
Cb.			5.3		
N 1/4.			9.5	149.2	

		158.65			
		350' E			
N 1/4			10.2	148.5	
			7.0		
N line			4.1	154.6	
		375' E			
N line			9.3	149.4	
Cb.			12.1		
J.P.	0.29	H.I. 145.92	13.02	145.63	
		75' E			
N. line			4.8	141.1	
			2.4		
N 1/4			0.5		
		100' E			
So. Cb			0.6	145.3	
			0.9		
C			2.5	143.4	
			4.5		
			7.5		
N line			7.4	138.5	

	145.92	
	125' E	
n line	8.1	137.8
	9.7	
	9.5	
c	7.7	138.2
	5.6	
	3.9	
so line	2.6	143.3
	150' E	
so line	5.9	140.0
	8.8	
	10.4	
c	11.4	134.5
	10.8	
	8.9	
n line	6.7	139.2

	145.92	
	175' E	
n line	4.4	141.5
	6.8	
	9.8	
c	12.3	133.6
	12.5	
	11.8	
so line	10.2	135.7
	200' E	
so line	13.5	132.4
	14.2	
	13.6	
c	12.5	133.4
	10.9	
	10.0	
n line	8.7	137.2

POSTED

	145.92	
	225' E	
n line	4.3	141.6
	5.1	
	5.9	
c	7.3	138.6
	9.9	
	13.6	
s line	15.2	130.7
	250' E	
s line	14.9	131.0
	12.3	
	9.2	
c	6.5	139.4
	4.8	
	3.0	
n line	1.2	144.7

	275' E	
n 1/4	2.5	143.4
c	4.7	141.2
	7.7	
	11.2	
s line	14.6	131.3
	300' E	
s line	14.2	131.7
	9.8	
	7.1	
c	2.9	143.0
	325' E	
c	2.5	143.4
	7.4	
	10.4	
s line	14.2	131.7

	145.92			
	350' E			
So line		15.4	130.5	
		11.1		
		7.5		
C		3.7	142.2	
	375' E			
N 1/4		2.6		
C		5.7	140.2	
		8.8		
		12.0		
So line		15.6	130.3	
	400' E			
So line		16.8	129.1	
		13.8		
		12.2		
C		9.7	136.2	
		7.5		
		5.6		
N line		2.8	143.1	

POSTED

		H.I.		
T.P.	4.31	141.62	8.61	137.31
		425' E		
N. line			2.9	138.7
			4.1	
			5.8	
C			7.4	134.2
			8.7	
			10.7	
So line			13.9	127.7
		450' E		
So line			15.0	126.6
			12.7	128.9
			10.6	
C			9.1	132.5
			7.5	
			6.5	
N line			4.9	136.7 ~~135.7~~

141.62

475' E

Nline	5.1	136.5
	6.9	
	8.3	
C	9.6	131.0
	11.1	
	12.6	
Soline	15.3	126.3

500' E

Soline	14.5	127.1
	12.1	
	10.3	
C	8.6	133.0
	7.1	
	5.4	
Nline	3.9	137.7

141.62

525' E

Nline	3.0	138.6
	4.5	
	5.8	
C	7.4	134.2
	9.5	
	11.3	
Soline	13.5	128.1

550' E

Soline	11.8	129.8
	9.5	
	7.6	
C	6.1	135.5
	4.8	
	3.4	
Nline	2.0	139.6

POSTED

141.62

575' E

n line	1.4	140.2
	2.5	
	3.8	
c	4.8	136.8
	5.9	
	7.3	
so line	9.8	131.8

600' E (West line 3 pt)

so line	8.8	132.8
	6.3	
	4.8	
c	3.9	137.7
	3.2	
	1.4	
n line	1.0	140.6

141.62

W.cl.

n line	0.9	140.7
	1.8	
	2.9	
c	3.8	137.8
	4.9	
	6.1	
so line	8.1	133.8

W 1/4

so line	8.2	133.4
	6.1	
	5.0	
c	4.0	137.6
	2.9	
	2.2	
n line	1.0	140.6

141.62

Center

N line	1.3	140.3	
	2.3		
	3.2		
C	4.0	137.6	
	5.4		
	6.6		
So line	8.4	133.2	
E 1/4			
So line	8.6	133.0	
	6.7		
	5.6		
C	4.6	137.0	
	3.8		
	2.8		
N line	1.8	139.8	

POSTED

141.62

E. ob.

N line	1.9	139.7	
	3.0		
	3.8		
C	5.0	136.6	
	6.4		
	8.0		
So line	9.1	132.5	
E line 31st			
So line	9.4	132.2	
	7.8		
	6.2		
C	5.3	136.3	
	4.7		
	3.3	138.3	
N line on lmb. N.E.	2.24	139.38	B.M.

141.62

25' E

n line	3.0	138.6
	3.9	
	5.1	
c	6.1	135.5
	7.5	
	8.9	
So line	9.9	131.7

50' E

So line	10.6	131.0
	8.7	
	7.1	
c	5.7	135.9
	4.3	
	3.4	
n line	2.3	139.3

141.62

75' E

n line	1.8	139.8
	2.8	
	3.8	
c	5.4	136.2
	6.9	
	8.2	
So line	10.7	130.9

100' E

So line	11.8	129.8
	9.3	
	7.0	
c	5.1	136.5
	3.5	
	2.4	
n line	1.5	140.1

		141.62		
		125' E		
N line			2.8	138.8
			3.8	
			4.8	
C			6.5	135.1
			8.7	
			11.8	
So line			14.2	127.4
		150' E		
So. 1/4			13.2	128.4
C			11.3	130.3
			9.1	
			7.6	
N line			6.7	134.9
T.P.	0.08	H.I. 128.80	12.90	128.72
So. cb			8.1	
So line			6.2	122.6

		128.80		
		175' E		
N. line			0.9	127.9
			1.5	127.3
			3.0	
C			4.7	124.1
			6.1	
			8.2	
So. line			9.2	119.6
		200' E		
So line			14.7	114.1
			12.7	116.1
			11.0	
C			9.7	119.1
			8.4	
			7.6	
N line			6.3	122.5
T.P.	1.17	H.I. 117.34	12.63	116.17

117.34

225' E

N line		1.7	115.6
		3.2	114.14
		4.2	113.14
C		5.2	112.1
		5.9	111.44
		7.5	109.84
So. line		8.3	109.0

250' E

So line		11.9	105.4
		10.8	106.5
		9.2	108.1
C		8.0	109.3
		6.8	110.5
		6.3	110.0
N line		5.8	111.5

117.34

275' E

N line			10.0	107.3
			11.1	106.2
			12.1	105.2
C			13.0	104.3
T.P.	1.17	N.I. 105.63	12.88	104.46
			2.5	103.1
			3.7	101.9
So. line			4.4	101.2

300' E.

So. line			4.9	100.7
			2.8	102.8
CB+4'			4.3	101.3
			4.7	100.9
C			4.0	101.6
			3.1	102.5
			1.9	103.7
N line			0.9	104.7

10563

325' E

n line	2.8	102.8
	4.0	101.6
	4.6	101.0
c	5.6	100.0
	6.1	99.5
	6.4	99.2
So. line	7.0	98.6

350' E

So. line	8.6	97.0
	8.0	97.6
	7.2	98.4
c	6.8	98.8
	5.9	99.7
	5.2	100.4
n line	4.7	100.9

10563

375' E

n line	6.7	98.9
	7.1	98.5
	7.9	97.7
c	8.5	97.1
	8.7	96.9
	9.7	95.9
So line	10.4	95.2

400' E

So line	11.3	94.3
	11.3	94.3
	11.3	94.3
c	11.3	94.3
	11.0	94.6
	10.2	95.4
n line	9.0	96.6

		105.63		
		425' E		
N line			10.6	95.0
			12.2	93.4
			12.8	92.8
C			13.1	92.5
			13.1	92.5
			13.0	92.6
So line			13.0	92.6
J.P.	2.17	H.I. 95.10	12.70	92.93
		450' E		
So. line			4.8	90.3
			4.4	90.7
			5.2	89.9
C			5.1	90.0
			4.3	90.8
			3.6	91.5
N line			1.9	93.2

			95.10
		475' E	
N line		5.0	90.1
		6.3	88.8
		7.0	88.1
C		7.7	87.4
		7.9	87.2
		8.1	87.0
So line		8.1	87.0
	500' E		
So line		9.9	85.2
		10.1	85.0
		10.2	84.9
C		10.0	85.1
		10.0	85.1
		9.8	85.3
N line		8.8	86.3

POSTED

		95.10		
		525'E		
N line			11.9	83.2
			11.4	83.7
			11.2	83.9
℄			10.8	84.3
			10.7	84.4
			11.8	83.3
S line			11.0	84.1
		650'E		
S line			11.6	83.5
			12.1	83.0
			12.5	82.6
℄			13.3	81.8
			13.0	82.1
			13.1	82.0
N line			13.0	82.1
T.P.	2.41	H.I. 85.05	12.46	82.64

		85.05		
		575'E		
N line			3.6	81.5
			3.7	81.3
			4.0	810
℄			4.4	80.7
			4.5	80.5
			3.5	81.5
S line			2.7	82.4
		600'E (W. line 32nd)		
S line			4.4	80.7
			5.6	79.4
			5.4	79.6
℄			5.3	79.8
			4.9	80.1
			4.6	80.4
N line			4.6	80.5
B.M. 8' Stake in running board S.W. cor 32nd & G.			81.24	

814

79.1

		85.05	
	W. cb		
Mline		4.8	80.3
		5.1	
		5.2	
c		5.5	79.6
		5.6	
		5.7	
Solline		4.8	80.3
	W 1/4		
Solline		5.8	79.3
		5.9	
		5.9	
c		5.9	79.2
		5.6	
		5.4	
Mline		5.1	80.0

		85.05	
	Center		
Mline		5.4	79.7
		5.7	
		5.8	
c		6.0	79.1
		6.0	
		6.0	
Solline		6.0	79.1
	E 1/4		
Solline		6.0	79.1
		6.1	
		6.3	
c		6.2	78.9
		6.0	
		5.9	
Mline		5.7	79.4

		85.05			
		E ab			
N line			5.8	79.3	
			6.1		
			6.3		
C			6.4	78.7	
			6.5		
			6.2		
So line			6.1	79.0	
	East line		32nd		
So line			6.5	78.6	
			6.2		
			6.5		
C	POSTED		6.5	78.6	
			6.5		
			6.2		
N line			5.6	79.5	

		N.I.			
T.P.	1.38	82.62		81.24	B.M.
		25'E			
N line			1.7	80.9	
			2.4	80.2	
			3.2	79.4	
C			4.2	78.4	
			4.4	78.2	
			4.6	78.0	
So line			4.6	78.0	
		50'E			
So line			4.8	77.8	
			4.9		
			4.5		
C			3.5	79.1	
			3.5		
			2.9		
N line			2.3	80.3	

82.62

75' E

N line	4.0	78.6
	4.5	78.1
	4.7	
C	5.2	77.4
	5.5	
	4.9	
S line	4.3	78.3

100' E

S line	4.2	78.4
	4.6	
	5.4	
C	6.1	76.5
	6.0	
	5.3	
N line	4.6	78.0

82.62

125' E

N line	8.3	74.3
	9.2	
C + 4'	7.6	
	6.7	
C	5.2	77.4
	4.3	
	2.9	
S line	3.9	78.7

138' E

S line	3.6	79.0
	3.3	
	3.9	
C	4.3	78.3
C + 8'	4.7	
	6.1	
	7.6	
C + 9'	8.5	
N line	11.7	70.9

82.62

		150' E			
nline			7.4	75.2	
			6.1		
			4.7		
C			4.1	78.5	
			3.6		
			3.5		
Soline			3.4	79.2	
		160' E			
Soline			3.2	79.4	
			3.3		
			3.3		
C			3.9	78.7	
			4.8		
			5.6		
nline			7.0	75.6	

82.62

		175' E			
nline			9.8	72.8	
			9.0		
			8.0		
C			5.4	77.2	
			3.7		
			3.4		
Soline			2.9	79.7	
		200' E			
Soline			4.7	77.9	
			9.7		
			11.4		
C			12.9	69.7	
J.P.	-0.03	H.I. 70.00	12.59	70.03	
n. 1/4			2.0		
Cb			2.5		
Mline			3.6	66.4	

	70.00		
	225' E		
nline	9.4	60.6	
	10.1		
	10.0		
C	10.0	60.0	
	10.0		
	9.4		
Soline	5.5	64.5	
	250' E		
Soline	11.0	59.0	
	11.8		
CB + 7'	11.8		
	12.7		
C	10.9	59.1	
	10.5		
1/4 + 8'	10.7		
	11.5		
nline	11.5	58.5	

	275' E		
nline	9.9	60.1	
	10.7		
	11.5		
C	11.6	58.4	
	12.8		
	12.3		
CB + 12'	14.0		
Soline	15.0	55.0	
	300' E		
Soline	12.2	57.8	
	12.1		
	11.5		
C	10.9	59.1	
	10.2		
	9.6		
nline	9.4	60.6	

		70.00		
		325' E		
n line			4.4	65.6
			7.2	
			8.3	
c			9.0	61.0
			9.8	
			9.9	
So line			8.6	61.4
		H.I.		
J.P.	11.41	81.44		70.03
	350' E			
So line			11.5	69.9
			10.7	
			13.0	
c			12.9	68.5
			12.5	
			8.6	
n line			6.8	74.6

		81.44		
	375' E			
n. line		4.3	77.1	
		6.0		
		6.6		
c		6.9	74.5	
		6.7		
		6.5		
So line		6.8	74.6	
	400' E			
So line		6.4	75.0	
		6.2		
		6.0		
c		5.6	75.8	
		5.7		
		5.0		
n line		4.0	77.4	

81.44

	425' E	
n line	4.3	77.1
	4.2	
	4.6	
c	5.0	76.4
	5.1	
	5.4	
so line	5.7	75.7
	450' E	
so line	5.0	76.4
	4.7	
	4.7	
c	4.6	76.8
	4.6	
	4.9	
n line	4.6	76.8

81.44

	475' E	
n line	4.8	76.6
	4.6	
	4.5	
c	4.3	77.1
	4.5	
	4.3	
so line	4.3	77.1
	500' E	
so line	4.2	77.2
	4.1	
	4.4	
c	4.5	76.9
	4.6	
	4.5	
n line	4.7	76.7

			81.44	
	525' E			
N line			5.0	76.4
			5.3	
			5.2	
C			5.0	76.4
			4.9	
			4.7	
So. line			4.7	76.7
	550' E			
So. line			5.4	76.0
			5.3	
			5.1	
C			5.0	76.4
			5.3	
			5.7	
N line			5.8	75.6

		81.44		
		575' E		
N line			6.0	75.4
			6.5	
			6.4	
C			6.6	74.8
			7.2	
			8.0	
So line			8.8	72.6
		600' E (West line 33rd)		
So line			13.3	68.1
			12.2	
			11.0	
C			10.1	71.3
			8.3	
			6.8	
N. line			6.8	74.6

T.P.	3.29	71.79		68.50	
		W. cb			
n line			0.2	71.6	
			0.7		
			1.2		
c			1.7	70.1	
			2.9		
			3.6		
so line			4.1	67.7	
~~T.P.~~	on 13'	but 33rd + G.	12.94	68.50	B.M.
		W 1/4			
so. line			5.2	66.6	
			4.5		
			3.8		
c			3.0	68.8	
			2.7		
			2.0		
No. line			2.1	69.7	

		71.79		
		Center		
n line		3.5	68.3	
		3.8		
		4.8		
c		5.3	66.5	
		6.1		
		6.7		
so line		7.0	64.8	
		E 1/4		
so line		7.6	64.2	
		7.0		
		6.6		
c		6.0	65.8	
		5.2		
		4.7		
n line		3.7	68.1	

71.79

E. cb

n line	3.9	67.9	
	4.4		
	5.3		
c	6.3	65.5	
	6.9		
	7.5		
So line	7.9	63.9	
	East line	33rd	
So line	8.1	63.7	
	7.7		
	7.1		
c	6.5	65.3	
	5.8		
	4.8		
n line	4.4	67.4	

71.79

55. E

n line	4.1	67.7	
	5.0		
	5.9		
c	6.8	65.0	
	7.5		
	8.3		
So line	9.3	62.5	
	H.F.		
T.P. 3.11	64.18	8.72	63.07
	50' E		
So. line	3.7	60.5	
	2.8		
	1.8		
c	1.2	63.0	
	0.5		
	−0.2	64.4	
n line	−1.0	65.2	

64.18

75' E

Nblue	0.0	64.2
	0.5	
	1.1	
C	1.7	62.5
	2.2	
	3.0	
Solue	3.7	60.5

100' E

Solue	3.9	60.3
	3.2	
	2.7	
C	2.2	62.0
	1.6	
	1.1	
Nblue	0.8	63.4

64.18

125' E

Nblue	1.9	62.3
	2.1	
	2.5	
C	2.9	61.3
	3.5	
	3.8	
Solue	4.5	59.7

150' E

Solue	5.2	59.0
	4.5	
	3.7	
C	3.2	61.0
	3.0	
	2.9	
Nblue	2.6	61.6

64.18

175' E

No. line		2.9	61.3
		3.9	
		4.4	
C		4.5	59.7
		4.8	
		5.6	
So. line		7.2	57.0

200' E

So. line		10.7	53.5
		8.2	
		7.9	
C		6.6	57.6
		4.7	
		2.6	
No. line		1.6	62.6

64.18

225' E

N line		2.7	61.5
		5.1	
		6.7	
C		7.9	56.3
C+5'		10.5	
		11.4	
		12.0	
So. line		13.5	50.7
	H.I.		
J.P.	54.1	56.84	12.75	51.43

250' E

So line		7.8	49.0
		6.9	
		6.7	
C		5.1	51.7
		3.4	
		1.8	
N line		0.2	56.6

		56.84	
	275' E		
N. line		3.6	532
		4.5	
		6.3	
C		7.4	49.4
		7.8	
		7.8	
So. line		8.2	48.6
	300' E		
So. line		8.7	48.1
		8.5	
		8.3	
C		8.4	48.4
		8.1	
		7.6	
N. line		7.2	49.6

		56.84		
		325' E		
N. line			7.9	48.9
			8.0	
			8.3	
C			8.6	48.2
			8.5	
			8.7	
So. line			8.8	48.0
		H.I.		
J.P.	1.46	49.66	8.64	48.20
		350 E		
So. line			1.4	48.3
			1.1	
			1.2	
C			1.1	48.6
			1.1	
			0.9	
N. line			0.5	49.2

			49.66		
		375' E			
N. line			0.5	49.2	
			0.6		
			1.0		
C			0.9	48.8	
			1.4		
			1.1		
So. line			1.3	48.4	
		400' E			
So line			3.1	46.6	
			2.8		
C6+5'			4.2		
			4.5		
C			1.6	48.1	
			1.5		
			1.5		
N. line			2.2	47.5	

			49.66		
			425' E		
N. line			5.2	44.5	
			4.6		
			4.1		
C			5.1	44.6	
C+6'			5.7		
			8.1		
1/4+11'			8.2		
			7.0		
So. line			7.3	42.4	
T.P.	4.11	H.I. 43.54	10.23	39.43	B.M. 13' hub 34th & G.
			450' E		
So. line			4.9	38.6	
			4.9		
			4.7		
C			4.7	38.8	
			4.7		
			4.3		
N. line			4.2	39.3	

43.54

475' E

N. line	4.4	39.1
	4.4	
	4.5	
C	4.7	38.8
	4.7	
	4.8	
So. line	5.0	38.5

500' E

So. line	4.8	38.7
	4.8	
	4.8	
C	4.5	39.0
	4.4	
	4.4	
N. line	4.4	39.1

43.54

525' E

N. line	3.8	39.7
	4.1	
	3.9	
C	4.0	39.5
	4.8	
	4.7	
So. line	4.4	39.1

550' E

So. line	4.3	39.2
	4.7	
	4.8	38.7
C	3.8	
	3.8	
	3.7	
N. line	3.8	39.7

T.P.	4.53	H.I. 43.96	4	39.43	B.M.
		575. E			
N. line			4.0	40.0	
			4.2		
			4.2		
C			4.2	39.8	
			5.0		
			4.8		
So. line			4.4	39.6	
		599.05 E	(W. line	34 ft)	
So. line			4.3	39.7	
			4.6		
			4.7		
C			3.9	40.1	
			4.1		
			4.2		
N. line			3.9	40.1	

POSTED

	4.99	H.I. 44.42	~~39~~	39.43
~~So. line~~		W. ob.		
So. line			4.5	39.9
			5.1	
			5.1	
C			4.3	40.1
			4.3	
			4.5	
N line			4.5	39.9
		W 1/4		
N line			4.4	40.0
			4.3	
			4.3	
C			4.2	40.2
			4.9	
			5.0	
So line			4.4	40.0

44.42

Center

So line	4.4	40.0
	5.0	
	4.9	
C	4.0	40.4
	4.1	
	4.2	
No line	4.3	40.1

E 1/4

No. line	4.2	40.2
	4.3	
	4.1	
C	3.9	40.5
	4.8	
	4.9	
So line	4.3	40.1

E. 1/6

So line	4.2	40.2
	4.9	
	4.7	
C	3.8	40.6
	4.0	
	4.0	
No. line	4.0	40.4

East line 34th

No. line	4.1	40.3
	4.1	
	3.9	
C	3.7	40.7
	4.7	
	4.7	
So. line	4.1	40.3

44.42

25' E

So. line	3.8	40.6
	4.5	
	4.3	
C	3.6	40.8
	3.7	
	3.8	
No. line	3.9	40.5

50' E

No. line	3.7	40.7
	3.6	
	3.8	
C	3.9	40.5
	4.0	
	4.0	
So. line	4.2	40.2

75' E

So. line	4.1	40.3
	3.9	
	3.9	
C	3.8	40.6
	3.8	
	3.5	
No. line	3.5	40.9

100' E

No. line	2.9	41.5
	3.1	
	3.7	
C	4.2	40.2
	3.9	
	4.2	
So. line	4.2	40.2

		44.42		
		125' E		
So line			3.9	40.5
			4.5	
			4.1	
C			3.4	41.0
			3.3	
			3.2	
No. line			3.1	41.3
		150' E		
			0	
No. line			3.3	41.1
			3.2	
			3.4	
C			3.6	40.8
			4.3	
			4.1	
So line			4.0	40.4

		H.I.		
T.P.	3.96	45.21	3.17	41.25
~~So line~~		175' E		
So line			4.8	40.4
			5.1	
			4.9	
C			4.4	40.8
			4.2	
			4.2	
No. line			4.0	41.2
		200' E		
No. line			4.1	41.1
			4.2	
			4.3	
C			4.5	40.7
			4.7	
			5.0	
So line			4.8	40.4

45.21

225' E

So. line	4.5	40.7
	4.9	
	4.8	40.4
C	4.2	
	4.1	
	4.0	
No. line	3.9	41.3

250' E

No. line	3.9	41.3
	4.0	
	4.1	
C	4.0	41.2
	4.6	
	4.8	
So. line	4.1	41.1

45.21

275' E

So. line		4.1	41.1
		4.7	
		4.3	
C		3.8	41.4
		3.8	
		3.9	
N. line		3.7	41.5
J.P.	3.72	N.I. 45.33	3.60	41.61

300' E

N. line	3.8	41.5
	3.9	
	3.8	41.5
C	3.8	41.5
	4.2	
	4.5	
So. line	4.1	41.2

45.33

325' E

So line			4.7	40.6
			4.5	
			4.1	
C			3.8	41.5
			3.5	
			3.7	
no. line			3.5	41.8

350' E

No. line			3.6	41.7
			3.9	
			4.3	
C			4.8	40.5
			5.1	
			5.1	
So. line			5.4	39.9

45.33

375' E

So. line			5.0	40.3
			4.5	
			4.5	
C			4.5	40.8
			4.7	
			4.9	
no. line			4.6	40.7

400' E

no. line			4.1	41.2
			3.8	
			3.8	
C			4.2	41.1
			4.4	
			4.9	
So. line			5.6	39.7

			45.33	
		425' E		
So.line			4.5	40.8
			5.3	
			4.7	
C			4.4	40.9
			3.7	
			3.1	
No.line			3.1	42.2
		450' E		
No.line			3.4	41.9
			3.9	
			4.2	
C			4.5	40.8
			4.5	
			3.9	
So.line			4.0	41.3

			45.33	
		475' E		
So.line			4.3	41.0
			4.2	
			3.7	
C			4.0	41.3
			4.0	
			3.9	
No.line			3.6	41.7
		500' E		
No.line			3.6	41.7
Cb			3.8	
			3.7	
C			3.7	41.6
			4.1	
			3.9	
So.line			4.2	41.1

		45.33			
		5°25' E			
So. line			4.2	41.1	
			3.8		
			3.8		
C			3.7	41.6	
			3.3		
			3.5		
No. line			3.4	41.9	
		5°50' E			
No. line			3.6	41.7	
			3.4		
			4.0		
C			4.2	41.1	
			4.1		
			3.7		
So. line			3.5	41.8	

		H.I.			
J.P.	139	46.30	0.42	44.91	
		5°75' E			
So. line			7.6	38.7	
			6.5		
			3.8		
C			3.1	43.2	
			3.7		
			3.3		
No. line			4.6	41.7	
		5°85' E			
No. line			5.2	41.1	
			5.4		
			6.7		
C			7.5	38.8	
			8.2		
			8.2		
So. line			8.9	37.4	

46.30

600' E (West line 35th)

So. line	10.4	35.9
	9.7	
	9.0	
℄	8.1	38.2
	7.0	
	6.8	
No. line	6.8	39.5
W ¼		
No. line	8.7	37.6
No. line +4'	6.4	
	6.1	
	7.5	
℄	9.2	37.1
	9.7	
	10.2	
So. line	10.5	35.8

4630

W ¼

So. line	5.6	40.7
	5.6	
℄ + 3'	8.8	
	10.6	
℄	9.8	36.5
	10.0	
	9.1	
No. line	9.0	37.3
Center		
No. line	9.3	37.0
	10.1	
	9.5	
℄	9.2	37.1
So ¼	4.3	
E ¼		
No. line	10.3	36.0
	7.5	
	3.7	
℄	2.4	43.9

J.P.	11.85	H.I. 57.51	0.64	45.66
		Center 35 th		
So. line			9.6	47.9
So. ob			10.4	
		E 1/4		
So 1/4			10.8	
			9.2	
So. line			4.8	✓2.7
		E. ob		
So. line			3.8	✓3.7
			4.2	
			5.1	
C			6.5	✓1.0
			10.0	
			14.5	
No. line			18.9	38.6

		57.51		
		East line 35 th		
No. line			13.7	43.8
			7.8	
			4.8	
C			3.8	✓3.7
So 1/4			1.4	
J.P.	11.70	H.I. 69.28	01.2	✓7.58
So. ob			12.0	
So line			12.0	✓7.3
		10' E		
So line			4.7	64.6
			5.2	
			9.3	
C			10.0	✓8.3
			13.2	
		5 H.I. 7.51		
No ob			4.2	✓3.3
No line			6.0	✓1.5

		69.28		
		25' E		
no. line			11.2	58.1
			18.9	
			6.9	
C			4.2	65.1
			4.2	
So. cb.			0.5	
		50' E		
No line			6.6	62.7
no. cb.			2.5	
		H.I.		
J.P.	12.34	80.90	0.72	68.56
			10.3	70.6
C			7.7	73.2
			3.2	
So. cb.			0.6	
		25' E		
So. line			10.0	70.9

		80.90		
		75' E		
No. line			11.9	69.0
no. cb			7.1	
		H.I.		
J.P.	11.36	90.93	1.33	79.57
		50' E		
So. line			8.5	82.4
		75' E		
no 1/4			11.2	79.7
C			8.6	82.3
1/4			4.8	
So. cb			0.5	
		100' E		
no. line			14.4	76.5
			10.1	80.8
no-1/4			3.1	87.8
~~C~~		~~115.8 E~~		
~~no. cb.~~			~~7.5~~	
		H.I.		
J.P.	11.35	92.11	10.17	80.76

		92.11		
		115.8 E		
No. line			13.4	78.7
			7.9	
no 1/4			1.3	
C	Pueblo line			
No. line			10.0	82.1
no. cb.			4.0	
J.P.	11.96	H.I. 103.59	0.48	91.63
		75' E		
So. line			8.7	94.9
		100' E		
D			9.4	94.2
1/2			5.8	
Cb.			3.0	
		115.8 E		
No. Cb			5.0	98.6
So. 1/4				

		103.59		
		Pueblo line		
no 1/4			8.6	
C			2.8	100.8
J.P.	12.83	H.I. 113.97	2.45	101.14
		100' E		
So. line			10.0	104.0
		115.8 E		
So. 1/4			9.9	104.1
			8.5	
So line			5.5	108.5
		Pueblo line		
So line			5.5	108.5
			5.5	
So. 1/4			6.5	

POSTED

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.