

1470

LEVEL BOOK

373 A

KEUFFEL & ESSER CO.

DRAWING MATERIALS

AND

SURVEYING INSTRUMENTS.

NEW YORK.

CHICAGO. ST. LOUIS. SAN FRANCISCO. MONTREAL.

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 Keuffel & 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.

ENGINEERING DEPARTMENT
CITY OF SAN DIEGO,
CALIFORNIA.

7-25-33 Main St X 500.
 Miller.
 Walker.
 Bliss.

80' wide
 12' ch's
 56' Rdw.
 36' Expavmt
 14' 1/2's.

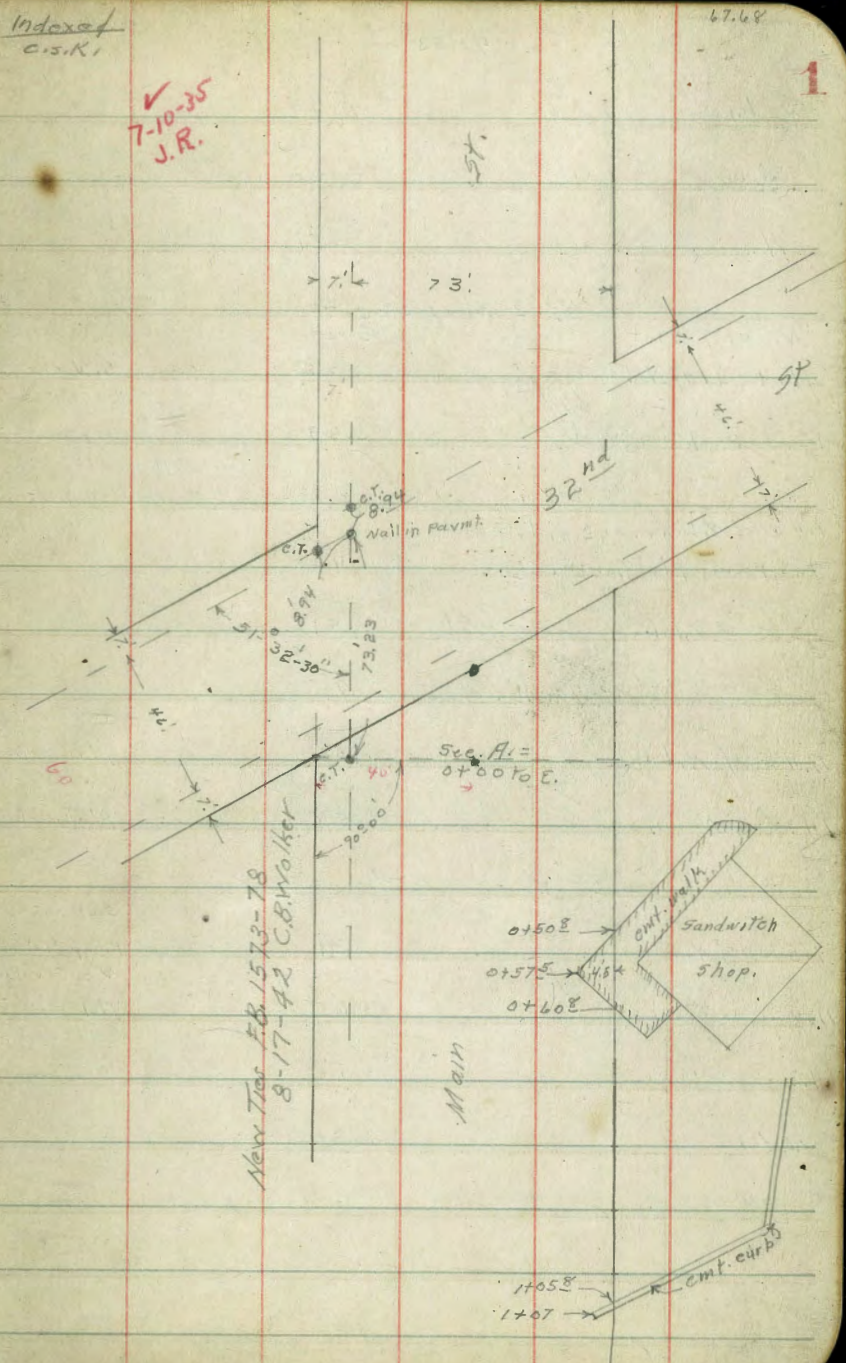
Indexed
 C.S.K.

67.68

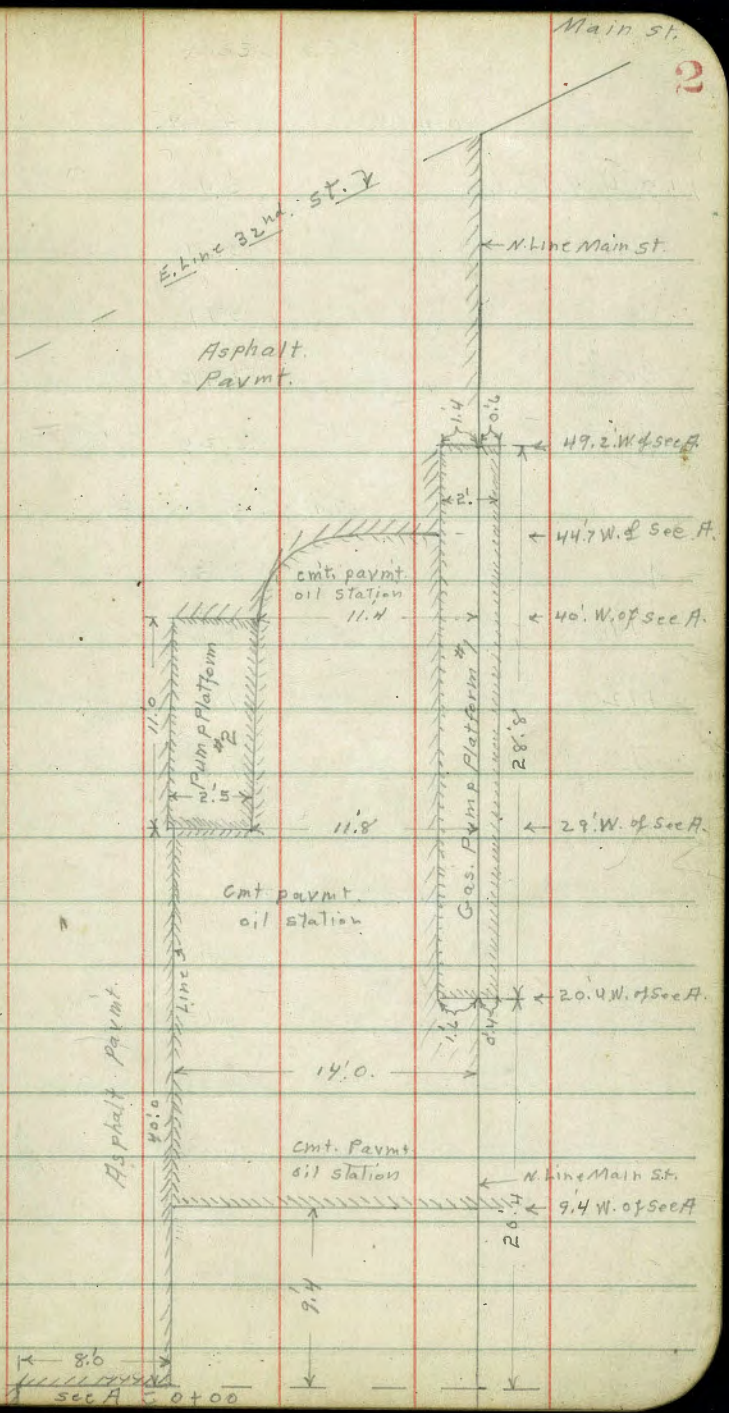
1

7-10-35
 J.R.

B.M. Mon	1.94	40.53	38.59	S.W. 32nd + Main
B.M. B.P.		1.67	38.86	S.W. 32nd + Main
	E. curb line	32nd	on diagonal	15.32 ch. 17.88 1/4's.
N.		2.47	38.06	parvmt
d		2.63	37.90	"
1/4		2.80	37.75	"
1/2		2.72	37.81	"
3/4		3.00	37.53	"
ch		3.22	37.31	"
S		3.50	37.03	"
+16.5 P.C. ch Ret.		3.78	36.75	"
+16.5 P.C. ch Ret.		3.12	37.41	Top ch.
	E. line 32nd		on diagonal	
S. on emt. walk		3.14	37.35	
+6.8 emt ch ret.		3.29	37.24	
+6.9 gutter parvmt.		3.94	36.59	
ch		3.73	36.80	
1/4		3.28	37.25	
1/2		2.99	37.54	



	40.53		
N. 1/4 on pavmt.	2.99	37.54	
do " "	3.20	37.35	
N. " "	2.81	37.72	
49.2 W. of sec A.			
N. on Pavmt	3.24	37.27	
1.4 S. of N. line	3.28	37.25	{S.W. cor Pump platform #1}
12.5 at 90° = N. ch	3.39	37.14	on pavmt
44.7 W. of sec A. = E. end {full width Asphalt pavmt.			
1.4 S. of N. line on S. side } gas pump platform. }	3.40	37.13	
12.5 of N. line at 90° = N. ch.	3.51	37.02	
40' W. of sec A.			
11.4 S. of N. line	3.52	37.01	N.W. Cor Pump platform #2
14.3 S. of N. line	3.58	36.95	S.W. Cor. Pump platform #2
29' W. of sec A. at 90°			
1.5 S. of N. line	3.31	37.22	S. side Gas Pump Platform
11.8 " " " "	3.63	36.90	N.E. Cor Pump Platforms #2
14.3 " " " "	3.80	36.73	S.E. Cor. Pump platform #2
N. 1/4	3.30	37.29	



8.6
sec A 0+00

40.53

20.4 W. of Sec. A. at 90°

1.6 S. of N. Line	3.40	37.13	S.E. cor Caspan platform #1
cl	3.81	36.72	
+2	3.91	36.62	
14	3.46	37.07	
±	3.20	37.33	

9.4 W. of Sec A.

±	3.50	37.03	
14	3.65	36.88	
+12	4.13	36.40	
cl	4.16	36.37	
N	3.52	37.01	

Sec A. = 0400.

N.	3.7	36.8	
cl.	4.1	36.4	
+2 = 14' cl. Line	4.33	36.20	N.E. cor Asphalt Pavmt.
+10 = N. edge ex. strip Pavmt	4.02	36.51	
14	3.95	36.58	
±	3.74	36.79	
14	3.94	36.59	

40.53

Main st

3

+4	3.97	36.56	
S. cl. line	4.27	36.26	
+ 1.5 gutter	4.26	36.27	
+ 1.5 cmt cl Ret.	3.63	36.91	
11.0 N. of S. line Elec Pole.	0406. #3210 0410.2		
S.	4.1	36.4	
+4.5 = S. edge E. end cmt walk.	4.18	36.35	
+9.5 = N. " E. " " "	4.25	36.28	
+12 = cl.	4.2	36.3	
cl + 2 = E. end ex. cmt cl Ret.	4.25	36.28	
cl + 2 = gutter = E. end asphalt Pavmt.	4.84	35.65	
cl + 10 = { S. edge existing strip Pavmt. to E. se. end asphalt Pavmt.	4.56	35.97	
14.	4.48	36.05	
±	4.22	36.31	
14	4.55	35.98	
+4 = N. edge ex. strip Pavmt.	4.60	35.93	
cl	4.5	36.0	
N.	4.1	36.4	
	0442		
N. cl line Tel. Pole			

	40.53		
	0+50 ⁸		
N. on edge cmt. walk	6.20	34.33	Page 1
cl	6.5	34.0	
+10 = N. pav.	7.26	33.27	
⊕ 56+87 ²	6.90	33.63	
1/4 + 4 = S. pav.	7.18	33.35	
1/4 + 9	7.1	33.45	
cl	8.2	32.3	
+ 10	7.2	31.3	
S	7.7	32.5	
	0+57 ⁵		
N. on cmt. walk	6.34	34.19	Page 1
4.5 S. cor. cmt. walk	6.41	34.12	Page 1
	0+60 ⁸		
N. on cmt. walk	6.48	34.05	Page 1
	0+75		
S	8.5	32.0	
cl	9.0	31.5	
+5	8.5	32.0	
+10 = S. pav.	8.77	31.76	
⊕ 56+63	8.38	32.15	

	40.53		Main St. 4
1/4 + 4 = N. Pav.	8.79	31.74	
cl	8.1	32.4	
N	8.1	32.4	
	1+05 ⁸		
N. on ground	10.0	30.5	
N. " cmt. cl.	9.43	31.10	
	1+07		
	55+83 ²		
N.	9.8	30.7	
+2 = End. cmt. cl.	9.53	31.00	
+2.2 ground	10.1	30.4	
cl	10.4	30.1	
+10 = N. pav.	10.92	29.61	
⊕ 55+81	10.50	30.03	
1/4 + 4 = S. Pav.	10.85	29.68	
+8	10.2	30.3	
cl	10.6	29.9	
S.	10.2	30.3	

	40.53			
	1+	28.5 = 2 steps.		
S. on Bottom step	10.45	30.08		
+ 2.4 N. edge step	10.45	30.08		
+ 2.5 ground.	11.2	29.3		
cl	11.8	28.7		
+10 = S. Pav	12.28	28.25		
55 + 59.5	11.92	28.61		
1/4 + 4 = N. Pav.	12.28	28.25		
cl	11.8	28.7		
+6	11.9	28.6		
N.	16.4	24.1		
+15	21.7	18.8		
55 + 46	1+42			
N. cl. line Tel. Pole.				
T.P.	0.45	27.84	13.14	27.39
	1+50			
N-26		16.0	11.8	
-7		13.8	14.0	
N.		11.2	16.6	
cl		3.5	24.3	
+5		0.9	26.9	

	27.84	Main St.
+10 = N. Pav	1.04	26.80
55 + 38	0.70	27.14
7.10 ³⁵ 2. R.		
S. Pav.	0.98	26.86
cl	0.4	27.4
S.	+0.4	28.2
	1+64	
0.5 N. of S. cl. Elec Pole.	# 32.27	
	2+00	
S.	5.1	22.7
cl	5.0	22.8
+5	4.0	23.8
+10 = S. Pav	4.36	23.48
54 + 88	4.19	23.65
1/4 + 4 = N. Pav.	4.85	22.99
+7	4.3	23.5
cl	7.7	20.1
N.	17.7	10.1
+23	18.1	9.7

27.84
2+34

N+23 19.0 8.8
N. 18.3 9.5
el 9.4 18.4
+5 6.3 21.5
+10 = N. Pav 6.95 20.89
1/4 6.84 21.00
⊕ 54+54 6.60 21.24
1/4 6.88 20.96
+4 = S. Pav. 7.01 20.83
+8 6.3 21.5
el 6.6 21.2
S 6.6 21.2
+5 6.3 21.5

54+39

2+49

6' N. of N. Line } Inlet 24" old iron Pipe Culvert Flow line
Put in by St. Dept. 18.0 9.8
Top headwall above inlet 15.3 12.5

2+55

S-5 8.5 19.3
S 8.5 19.3
el 8.1 19.7

27.84

Main St

6

+6 7.6 20.2
+10 = S. Pav. 8.19 19.65
1/4 8.10 19.74
⊕ 54+39 7.90 19.94
1/4 8.06 19.78
+4 = N. Pav 8.15 19.69
+10 7.4 20.4
el 8.7 19.1
N. 15.8 12.0
+6 15.0 12.8
+12 12.5 15.3
2+66

-5 10.1 17.7
N. 9.7 18.1
el 8.6 19.2
+5 8.2 19.6
+10 = N. Pav 8.82 19.02
1/4 8.72 19.12
⊕ 54+22 8.56 19.28
1/4 8.80 19.04

27.84

2+66 con.

8.90

18.94

+4 = S. Pav

+8

8.1

19.7

cl

8.5

19.3

S

8.9

18.9

+5

8.8

19.0

2+81.

-5

10.3

17.5

S

10.7

17.1

cl

9.4

18.4

+6

8.9

18.9

+10 = S. pav

9.58

18.26

1/4

9.43

18.41

54+07

4

9.11

18.73

1/4

9.35

18.49

+4 = N. pav

9.48

18.36

cl

9.2

18.6

N

10.0

17.8

+5

10.0

17.8

27.84

3+00

Main St.

7

-5

10.7

17.1

N.

10.7

17.1

cl = Tel Pole

10.0

17.8

+10 = N. Pav.

10.18

17.66

1/4

10.10

17.74

53+88

4

9.80

18.04

1/4

10.15

17.69

+4 = S. pav.

10.28

17.56

+8

10.5

17.3

cl.

11.6

16.2

S.

20.7

7.1

+26

22.2

5.6

3+37

-26

22.7

5.1

-8

18.0

9.8

S

11.9

15.9

cl

11.8

16.5

+0.5 = Elec Pole.

+10 = S. pav

11.72

16.12

1/4

11.63

16.21

53+51

27.84

3+37 (con)

¢		11.42	16.42
1/4		11.62	16.22
+4 = N. Pav		11.68	16.16
ch		11.5	16.3
N		11.3	16.5
+5		11.3	16.5
T.P.	0.61	15.50	12.95
			14.89

3+79

-5		1.1	14.4
N		0.9	14.6
ch = Tel. Pole		1.0	14.5
+10 = N. Pav		1.22	14.28
1/4		1.11	14.39
¢ 53+09		0.82	14.68
1/4		1.06	14.44
+4 = S. Pav		1.18	14.32
+8		0.6	14.9
ch		0.7	14.8
S		0.8	14.7
+5		2.0	13.5

15.50

4+00

Main St.

8

S-5		3.6	11.9
S		3.0	12.5
ch		2.0	13.5
+4		1.5	14.0
+10 = S. Pav		2.08	13.42
1/4		1.93	13.57
¢ 52+88		1.77	13.73
1/4		2.05	13.45
+4 = N. Pav		2.13	13.37
ch		1.7	13.8
N		1.7	13.8
+5		1.7	13.8

4+41

-5		3.1	12.4
N		3.2	12.3
ch = Tel. Pole		3.2	12.3
+10 = N. Pav		3.87	11.63
1/4		3.76	11.74
¢ 52+47		3.50	12.00
1/4		3.76	11.74

15.50

4+41 (con)

+4 = S. Pav

3.85

11.65

+9

3.6

11.9

cl

4.6

10.9

S

5.3

10.2

+5

5.3

10.2

4+66

+10

6.5

9.0

S

7.0

8.5

+6

7.0

8.5

cl

4.5

11.0

+10 = S. Pav

4.93

10.57

+4

4.78

10.72

52+22

cl

4.57

10.93

+4

4.85

10.65

+4 = N. Pav

4.95

10.55

+9

4.0

11.5

cl

3.6

11.9

N.

3.6

11.9

+10

4.3

11.2

15.50

4+80

-15

14.5

11.0

N.

9.5

6.0

cl

5.1

10.4

+10 = N. Pav

5.63

9.87

+4

5.50

10.00

52+08

cl

5.22

10.28

+4

5.46

10.04

+4 = S. Pav

5.57

9.93

cl

5.3

10.2

+5

8.1

7.4

S

8.8

6.7

+7

8.5

7.0

+9

6.1

9.4

52+00

4+88

N. Line = outlet Pipe culvert

12.2

5.3

F.L.

5+00

-15

13.6

1.9

S

12.0

3.5

+5

11.2

4.5

cl

7.5

8.0

Main St

9

15.50

5+00(con.)

cl+3	6.0	9.5
+10=S. pay	6.53	8.97
"4	6.45	9.05
⊕ 51+88	6.24	9.26
"4	6.64	8.86
+4=N. Pav.	6.81	8.69
+11	6.6	8.9
cl.	8.3	7.2
N	15.3	0.2
+20	16.7	-1.2

5+25

-20	17.5	-2.0
N.	16.7	-1.2
+3	16.6	-1.1
cl.	10.0	4.5
+4	7.5	8.0
+10=N. pay.	7.77	7.73
"4	7.66	7.84
⊕ 51+63	7.36	8.14
"4	7.51	7.99

15.50

Main st

10

+4=S. pay	7.66	7.84
+11	7.5	8.0
cl.	9.1	6.4
S	15.4	0.1
+20	16.7	-1.2
	5+58	
-20.	16.6	-1.1
S.	16.4	-0.9
+6	14.7	0.8
cl.	11.2	4.3

+0.5 Elec Pole with st. Lamp.

+3	8.8	6.7
+10=S. pay	9.15	6.35
"4	8.94	6.56
⊕ 51+30	8.69	6.81
"4	9.12	6.38
+4=N. Pav	9.22	6.28
+9	8.8	6.7
cl.	12.7	2.8
+6	16.5	-1.0

15.50

5+58 (con).

N. 16.5 -1.0

+20 16.5 -1.0

51+12

5+76

W. end chs. at Bridge
See Book 1197 p.1

-E. ch. Line = Tel. Pole

5+81.

-20 17.2 -1.7

N. 17.2 -1.7

+8 16.2 -0.7

ch 13.8 1.7

+5 8.9 6.6

+9 9.0 6.5

+10 cmt. ch. 10.18 5.32

+10 paymt. 10.13 5.37

1/4 9.90 5.60

51+07 9.45 6.05

1/4 9.72 5.78

1/4 paymt. 9.83 5.67

+4 cmt. ch. 9.54 5.96

+9 9.3 6.2

ch 12.0 3.5

15.50

Mainst.

11

+7 15.3 0.2

S. 15.8 -0.3

+20 15.8 -0.3

T.P. 3.94 9.69 9.75 5.75

5+98 = W. End Wing Walls.

-25 13.3 -3.6

S 13.3 -3.6

+7 wing wall 12.79 -3.10

ch. 8.6 1.1

+8 5.4 4.3

+13.75 cmt. ch. 4.07 5.62

1/4 paymt. 14.32 5.37

50+90 4.02 5.67

1/4 " 4.27 5.42

+0.25 cmt. ch. 4.16 5.53

+5 3.8 5.9

ch. 9.5 0.2

+5 wing wall 12.73 -3.04

N. 11.8 -2.1

+20 11.8 -2.1

9.69

6+05 = W. End Bridge ✓

- 20	12.2	- 2.5
N	12.2	- 2.5
ch.	13.6	- 3.9
+ 6.5	14.2	- 4.5
+ 7 Top wing wall	4.50	5.19
+ 8.2 N edge walk	3.78	5.91
+ 13.75 cmt. ch	3.92	5.77
1/4 par mt	4.28	5.41
1/4 " 50+83	4.04	5.55
1/4 " "	4.36	5.33
+ 0.25 cmt. ch	3.98	5.71
+ 5.75 s. sidewalk	3.80	5.89
+ 7 Top wing wall	4.60	5.09
+ 7.5	15.6	- 5.9
ch	15.0	- 5.3
S	14.8	- 5.1
+ 30	14.2	- 4.5
	6+06	
- 30	14.4	- 4.7
S	15.0	- 5.3

9.69

Main St.

12

ch	15.2	- 5.5
1/4	15.6	- 5.9
1/4 50+82	15.1	- 5.4
1/4	14.6	- 4.9
ch	13.4	- 3.9
N	12.2	- 2.5
+ 20	12.3	- 2.6
	6+17	
- 30	15.5	- 5.8
N	15.5	- 5.8
ch	15.6	- 5.9
1/4	15.7	- 6.0
1/4 50+71	15.7	- 6.0
1/4	15.7	- 6.0
ch	15.7	- 6.0
S	15.7	- 6.0
+ 30	15.7	- 6.0

	9.69		
-30	6+64	16.7	-7.0
S		16.7	-7.0
ch		16.7	-7.0
1/4		16.7	-7.0
±50+24		16.8	-7.1
1/4		17.0	-7.3
ch		17.0	-7.3
N		16.8	-7.1
+30		16.8	-7.1

6+64 & E. End Bridge

-30		16.7	-7.0
N		16.7	-7.0
ch		16.8	-7.1
+6.5		17.0	-7.3
+7. Top Wing Wall		5.26	4.43
+8.2 N. edge walk		4.48	5.21
+13.75 cmt. ch		4.65	5.04
1/4 parmt.		4.78	4.71
±50+23	"	4.78	4.91
1/4 "	"	5.07	4.62

	9.69		Main St.
+0.25 cmt. ch		4.65	5.04
+5.75 S. sidewalk		4.49	5.20
+7 Top wing wall		4.35	5.34
+7.5		16.7	-7.0
ch		16.7	-7.0
S		16.7	-7.0
+30		16.7	-7.0
	6+72		
-20		10.7	-1.0
S		14.0	-4.3
+7.5 Wing wall		13.10	-3.41
ch		9.5	0.2
+8		4.9	4.8
+13.75 cmt. ch		5.10	4.59
1/4 parmt.		5.40	4.29
±50+16	"	5.00	4.69
1/4 "	"	5.23	4.46
+0.25 cmt. ch		5.08	4.61
+6		5.1	4.6
ch		9.7	0.0

	9.69			9.69		
+2	6+72 (con) 14.1	-4.4	S	9.0	0.7	
N	11.8	-2.1	+15	7.6	0.1	
+20.	10.5	-0.8				
50+195	6+75 ⁵			6+79		
7.75 S. of N. Line	Swim End (wall)	13.3	-3.6	1' N. of S. ch. Elec Pole.		
	6+89	E. End Excurbs.	-10	7+00		
-20	10.8	-1.1	S	10.0	-0.3	
E.	11.2	-1.5	dr	8.7	1.0	
+7	11.0	-1.3	+4	6.6	3.1	
dr.	8.8	0.9	+10 = S. pav	5.8	3.9	
+5	5.5	4.2	14 "	5.88	3.81	
+10	emf. ch.	5.64	4.01	14 "	5.68	4.01
+10	N. pav.	6.03	3.66	14 "	5.32	4.37
14	"	5.77	3.92	+4 = N. Pav.	5.86	3.83
49+99	"	5.20	4.49	+9	5.96	3.73
14	"	5.52	4.17	dr	5.7	4.0
+4	S. u	5.59	4.10	+5	8.6	1.1
+4	emt. ch	5.31	4.38	N	10.5	-0.8
+9		5.5	4.2	+15	11.2	-1.5
dr.	7.2	2.5	49+90	7+02 ⁵	11.0	-1.3
				Exc. Line Tel. Pole.		

9.69

7+50

- 15		11.5	- 1.8
N		11.5	- 1.8
+7		11.1	- 1.4
dr		8.0	1.7
+4		6.1	3.6
+10	N. pav	6.74	2.91
1/4	"	6.62	3.07
49+38	"	6.02	3.67
1/4	"	6.33	3.36
+4 = S. pav		6.46	3.23
dr.		6.6	3.1
+6		10.2	- 0.5
S		11.1	- 1.4
+10		11.3	- 1.6
11	7+65		
- 10		11.3	- 1.6
S.		11.1	- 1.4
+6		10.3	- 0.6
dr		6.9	2.8
+10 = S. pav.		6.62	3.07

9.69

Main St.

15

1/4		6.48	3.21
49+23		6.19	3.50
1/4		6.82	2.87
+4 = N. pav.		6.96	2.73
+10		6.4	3.3
dr.		7.5	2.2
+6		10.7	- 1.0
N		11.1	- 1.4
+15		11.3	- 1.6
	7+80		
-5		7.6	2.1
N		7.7	2.0
dr		6.6	3.1
+10 = N. pav		7.15	2.54
1/4		7.02	2.67
49+08		6.41	3.28
1/4		6.69	3.00
+4 S. pav		6.82	2.87
+12		7.3	2.4
dr.		8.3	1.4

	9.69		
	7+80 (con)		
+5	11.0	-1.3	
S	11.3	-1.6	
+10	11.7	-2.0	
48+73	8+15		
-15	11.8	-2.1	
S	11.8	-2.1	
dr	7.5	2.2	
+2	6.6	3.1	
+10 = S. Pav	7.15	2.54	
14	7.00	2.69	
4	6.72	2.97	
14	7.21	2.48	
+4 = N. Pav	7.36	2.33	
dr	7.4	2.3	
N	7.5	2.2	
+5	7.5	2.2	
48+60	8+28		
1: N. of S. dr = E/CO Pole			

	9.69		Main St
	8+38		16
-5	7.5	2.2	
N	7.5	2.2	
dr	7.5	2.2	
+10	N. Pav	7.57	2.12
14		7.30	2.39
48+50		6.76	2.93
14		7.04	2.65
+4	S. Pav.	7.30	2.39
dr		6.0	3.7
+3		7.4	2.3
S		7.5	2.2
+5		7.5	2.2
48+38	8+50		
N. dr line = Tel. Pole			
	9+00		
-5		7.6	2.1
S		7.3	2.4
dr		6.6	3.1
+4		7.4	2.3
+10	S. Pav.	7.40	2.29

		9.69	9+00 (20w)		9.69	9+60	Main St.		
1/4			7.24	2.45	-15	11.7	-2.0		
47+58			6.92	2.77	S	11.7	-2.0		
1/4			7.31	2.38	cb	7.5	2.2		
+4	N. Pav		7.47	2.22	+10	S. Pav	7.66	2.03	
cb			7.4	2.3	1/4		7.55	2.14	
N			7.4	2.3	47+28		7.23	2.46	
+5			7.4	2.3	1/4		7.36	2.33	
		9+45			+4	N. Pav	7.50	2.19	
-5			7.4	2.3	cb		7.4	2.3	
N			7.4	2.3	N		7.3	2.4	
cb			7.0	2.7	+5		7.3	2.4	
+10	N. Pav		7.41	2.28	T.P.	4.88	6.21	7.86	1.83
1/4			7.35	2.34			10+00		
47+43			7.16	2.53	-8		7.4	1.8	
1/4			7.45	2.24	N		4.3	1.9	
+4	S. Pav		7.62	2.07	cb		4.2	2.0	
cb			7.4	2.3	+10	N. Pav	4.7	2.04	
S.			7.1	2.6	1/4		4.03	2.18	
+10			11.7	-2.0	46+88		3.49	2.32	
					1/4		4.29	1.92	

46+88

6.21

10+00 (con)

+4 =	S. Pav.	4.44	1.77
cl		4.2	2.0
+8		9.6	-3.4
S		9.6	-3.4
+15		9.6	-3.4

46+86

10+02

N. cl. Line Tel Pole

10+28

0.5 s. of s. cl. Elec Pole

10+50

-15		9.1	-2.9
S		9.0	-2.8
+6		9.0	-2.8
cl		4.5	1.7
+10	S. Pav	4.80	1.41
1/4		4.63	1.58
±		4.23	1.98
1/4		4.38	1.83
+4	N. Pav	4.57	1.64
cl		4.8	1.4

46+38

6.21

Main St

18

N		5.0	1.2
+8		5.0	1.2
11+00			
-8		4.7	1.5
N		4.8	1.4
cl		4.6	1.6
+10	N Pav	4.53	1.68
1/4		4.38	1.83
±		4.26	1.95
1/4		4.67	1.54
+4	S. Pav	4.85	1.36
cl		4.6	1.6
+5		8.0	-1.8
S		8.8	-2.6
+15		8.3	-2.1
11+50			
-15		8.4	-2.2
S		7.4	-1.2
+9		7.2	-1.0
cl		4.5	1.7

45+88

6.21
11+50 (con)

+10	S. pay	5.01	1.20
1/4		4.89	1.32
45+38		4.43	1.78
1/4		4.52	1.69
+4	N. pay	4.58	1.63
el	Tel. Pole.	4.6	1.6
N		4.6	1.6
+8		4.6	1.6
	12+27 ³ = N. line Rigel.		
-8		4.7	1.5
N		4.7	1.5
el		4.7	1.5
+10	N. pay	4.96	1.25
1/4		4.83	1.38
44+61		4.64	1.55
1/4		5.26	0.95
+4	S. pay	5.40	0.81
el	Elec Pole With st Light.	5.0	1.2
+4		7.4	-1.2
5		7.4	-1.4
+15		7.8	-1.6

20' wide
10' chs
10' dia

6.21
W. el Rigel

Main St
19

✓ RR
6-10-35

-15		7.9	-1.7
5		7.6	-1.4
+8		7.4	-1.2
el		5.0	1.2
+10	S. pay	5.43	0.78
1/4		5.25	0.96
44+51		4.70	1.51
1/4		4.87	1.34
+4	S. pay	4.98	1.23
el		4.7	1.5
N		5.0	1.2
+8		5.3	0.9
	W. 1/4		
-8		4.7	1.5
N		4.7	1.5
el		4.9	1.3
+10	N. pay	4.98	1.23
1/4		4.88	1.33
44+41		4.70	1.51
1/4		5.26	0.95

6.21
W. 1/4 Rigel (con)

+4	s. pav.	5.44	0.77
cb		5.1	1.1
+4		7.5	-1.3
S		7.7	-1.5
+15		7.8	-1.6

W. Rigel

-15		7.9	-1.7
S		7.6	-1.4
+8		7.5	-1.3
cb		5.4	0.8
+10	s. pav	5.55	0.66
1/4		5.28	0.93

44+31 1/2
W. Rigel St.

1/4		4.74	1.47
1/4		4.92	1.29
+4	N. Pav	4.97	1.24
cb		4.8	1.4
N		4.7	1.5
+10		4.7	1.5
+100.	graded St.	4.4	1.8

6.21
E. 1/4

Main St.

20

-8		4.6	1.6
N		4.7	1.5
cb		5.0	1.2
+10	N. Pav	4.99	1.22
1/4		4.92	1.29

44+21 1/2

1/4		4.75	1.46
1/4		5.34	0.87
+4	s. pav	5.55	0.66
cb		5.3	0.9
+4		7.7	-1.5
S		8.0	-1.8
+15		8.0	-1.8

E. cb. Rigel

-15		7.7	-1.5
S		7.7	-1.5
+8		7.3	-1.1
cb		5.3	0.9
+10	s. pav	5.50	0.71
1/4		5.34	0.87
44+11 1/2		4.72	1.49

6.21

E. cl. Rigel (con)

1/4		4.84	1.37
+4	N. pay.	4.94	1.27
cl		4.9	1.3
N		4.8	1.4
+8		4.8	1.4

0700 = E. line Rigel

-8		4.5	1.7
N		4.6	1.6
cl		5.2	1.0
+10	N. pay	5.01	1.20
1/4		4.90	1.31
44+01^x		4.72	1.49
1/4		5.35	0.86
+4	S. pay.	5.44	0.77
cl		5.4	0.8
+4		7.5	-1.3
S.		7.5	-1.3
+15		7.7	-1.5

6.21

Main St

21

43+79

on E. cl. line Tel. Pole

0722

0750

-15		7.6	-1.4
S		7.6	-1.4
+8		7.3	-1.1
cl		4.9	1.3
+10	S. pay.	5.19	1.02
1/4		5.06	1.15
43+51		4.53	1.68
1/4		4.72	1.49
+4	N. pay.	4.82	1.39
cl		4.9	1.3
N		4.9	1.3
+8		4.9	1.3
		1400	
-8		4.6	1.6
N		4.7	1.5
cl		4.7	1.5
+10	N. pay	4.66	1.55
1/4		4.53	1.68

43+01

6.21

1+00 (con)

4.32 1.89

1/4 4.83 1.38

+4 s. pay 4.97 1.24

cl 5.0 1.21

+4 7.0 -0.8

S 7.5 -1.3

+15 7.7 -1.5

1+50

-15 7.9 -1.7

S 7.3 -1.1

+8 7.0 -0.8

+11.5 Elec Pole.

cl 4.8 1.4

+10 s. pay 4.75 1.46

1/4 4.62 1.59

42+51 4.16 2.05

1/4 4.32 1.89

+4 N. pay 4.48 1.73

cl 4.5 1.7

N 4.7 1.5

+8 4.7 1.5

42+33

6.21

1+68

on E. of Line Tel Pole.

2+00

-8 4.5 1.7

N 4.5 1.7

cl 4.5 1.7

+10 N. pay 4.28 1.93

1/4 4.12 2.09

42+01

4 3.98 2.23

1/4 4.42 1.79

1/4 s. pay 4.50 1.71

cl 4.2 2.0

+6 7.2 -1.0

S 7.5 -1.3

+15 8.1 -1.9

2+50

-15 8.0 -1.8

S 7.6 -1.4

+6 7.0 -0.8

cl 3.9 2.3

+10 s. pay 4.23 1.98

Main St

22

6.21

2+50(con)

1/4		4.16	2.05
41+51		3.77	2.44
1/4		4.00	2.21
+4	N. pay	4.09	2.12
cb		4.2	2.0
N		4.4	1.8
+8		4.4	1.8

2+83

-8		5.6	0.6
N		4.2	2.0
cb		3.5	2.7
+10	N. pay	3.41	2.80
1/4		3.44	2.77
41+18		3.54	2.67
1/4		3.77	2.44
+4	S. pay	3.84	2.37
cb		3.9	2.3
5		5.2	1.0
+15		4.1	0.1

6.21

3+00

Main St.

23

-15		5.0	1.2
5		4.6	1.6
cb		3.9	2.3
+10	S. pay	3.62	2.59
1/4		3.53	2.68
41+01		3.32	2.89
1/4		3.55	2.66
+4	N. pay	3.66	2.55
+11		3.4	2.8
cb		4.6	1.6
+5		5.3	0.9
N		5.5	0.7
+8		5.5	0.7

40+88

3+13

on N. cb. Line Tel. Pole.

3+22

-8		5.2	1.0
N		5.5	0.7
cb		5.6	0.6
+4		3.8	2.4

6.21

3+22 (con)

+10	N. pav	3.94	2.27
1/4		3.76	2.45
4		3.54	2.67
1/4		3.64	2.57
+4	S. pav	3.70	2.51
el.		3.8	2.4
S.		4.0	2.2
+15.		4.2	2.0
T.P.	2.91	6.81	2.31
		3+35	3.96
-15		7.6	-0.8
S		7.6	-0.8
+7		7.0	-0.2
el.		4.8	2.0
+10	S. pav	4.45	2.36
1/4		4.36	2.45
4		4.20	2.61
1/4		4.44	2.37
+4	N. pav.	4.69	2.12
+10		4.4	2.4

40+79

40+66

sta 3+50
Nail Pole

6.81

Main St

24

el.		6.0	1.8
✓		5.8	1.0
+10		5.8	1.0
40+51		3+50	
	on s. el. line = Elec Pole		
		4+00	
-10		5.1	1.7
✓		5.1	1.7
el.		5.7	1.1
+4		4.4	2.4
+10	N. pav	4.70	2.11
1/4		4.50	2.31
4		4.30	2.51
1/4		4.63	2.18
+4	S. pav.	4.75	2.06
el.		4.5	2.3
+5		7.1	-0.3
S.		7.6	-0.8
+15		7.7	-0.9

40+01

6.81

4+46

39+55 on N. el. Line Tel Pole.

4+50

- 15 7.6 - 0.8

s. 7.6 - 0.8

+ 7 7.1 - 0.3

el. 4.8 2.0

+ 10 s. pav 4.82 1.99

1/4 4.70 2.11

39+51 4.33 2.48

1/4 4.52 2.29

+ 4 N. pav 4.67 2.14

+ 11 4.7 2.1

el. 6.3 0.5

N 5.7 1.1

+ 8 5.5 1.3

5+00

- 8 5.5 1.3

N. 6.0 0.8

el. 6.6 0.2

+ 3 5.2 1.6

6.81

Main St

25

+ 10 N. pav 4.73 2.08

1/4 4.60 2.21

39+01 4.50 2.31

1/4 4.83 1.98

+ 4 s. pav 4.94 1.87

+ 12 5.1 1.7

el. Elec Pole 6.2 0.6

+ 3 7.8 - 1.0

5 7.8 - 1.0

+ 10 7.8 - 1.0

5+50

- 10 7.2 - 0.4

5 7.2 - 0.4

el. 6.6 0.2

+ 3 4.6 2.2

+ 10 s. pav 4.98 1.83

1/4 4.82 1.99

38+51 4.55 2.26

1/4 4.68 2.13

+ 4 N. pav. 4.78 2.03

6.81
5+50 (con)

6.81
W. cl.

Main St

26

+11		4.7	2.1	-10		7.4	-0.6
cl		6.4	0.4	5		7.4	-0.6
N		6.4	0.4	cl		7.4	-0.6
+10		6.4	0.4	+3		5.3	1.5
38+05		5+96		+10	s. pav	5.11	1.70
	N. cl. Line Tel Pole			1/4		5.01	1.80
	6+00 1/4 = W. Line Svc.			37+91 1/4		4.64	2.17
				1/4		4.75	2.06
-10		6.4	0.4	+4	1/4 pav	4.80	2.01
N		7.1	-0.3	+11		4.4	2.4
+10		7.0	-0.2	cl		6.0	0.8
cl		6.1	0.7	+2		6.7	0.1
+3		4.3	2.5	N		6.8	0.0
+10	N. Pav	4.80	2.01	+18		5.7	1.1
1/4		4.73	2.08				
38+01 1/4		4.63	2.18				
1/4		5.00	1.81				
+4	s. pav	5.08	1.73				
+12		4.8	2.0				
cl		6.3	0.5				
5		7.3	-0.5				
+10		7.3	-0.5				

60' wide
10' elev
10' hfs.

W. 1/4

		6.81	
		W. 1/4 S. 1/4	
+10	N. pav	4.81	2.00
1/4		4.76	2.05
37+81⁺		4.61	2.20
1/4		4.97	1.84
+4	S. pav	5.16	1.65
+12		5.1	1.7
eb		6.5	0.3
S		7.1	-0.3
+10		7.1	-0.3
		4	
-10		7.0	-0.3 -0.2
S		7.0	-0.3 -0.2
eb		6.4	0.4
+3		5.2	1.6
+10	S. pav	5.07	1.74
1/4		4.87	1.94
37+71⁺		4.53	2.28
1/4		4.47	2.14
+4	N. pav	4.73	2.08
+11		4.7	2.1

S. 1/4 S. 1/4

		6.81	
		Main St	
eb		6.4	0.4
+3		7.5	-0.7
N		7.5	-0.7
+10		7.0	-0.2
		8. 1/4	
-10		6.6	0.2
N		6.8	0.6
+10		7.0	-0.2
eb		6.3	0.5
+3		7.8	2.0
+10	N. pav	4.58	2.23
1/4		4.50	2.31
37+61⁺		4.36	2.45
1/4		4.71	2.10
+4	S. pav	4.92	1.89
eb		5.3	1.5
S		6.6	0.2
+10		6.6	0.2

6.81

E

el. 6.5

0.3

-10

S

6.5

0.3

el

5.3

1.5

+10 S.pav

4.76

2.05

14

4.62

2.19

37+51⁴

4.29

2.52

14

4.36

2.45

+4 N.pav

4.44

2.37

+11

4.5

2.3

el.

6.3

0.5

+2

7.0

-0.2

N

6.7

0.1

+10

6.4

0.4

0+00 = E. Line - SIVE

-10

6.4

0.4

E

6.8

0.0

+10

6.6

0.2

el

6.2

0.6

+3

4.7

2.1

+10 N.pav

4.35

2.46

6.81

Main st

28

14

37+41⁴

14

+4 S.pav

el.

+3

S

+10

37+33

0+08

on S. el. line Elec Pole

T.P. Nail Pole

5.49

9.58

2.72

4.09

sta.

0+08

0+50

-15

S

+10

el

+10 S.pav

14

36+91⁴

14

JR
6.10.35

4.25

2.56

4.16

2.65

4.47

2.34

4.62

2.19

4.9

1.9

7.1

-0.3

6.7

0.1

6.7

0.1

9.3

0.3

9.6

0.0

8.9

0.7

6.5

3.1

6.93

2.65

6.73

2.85

6.47

3.11

6.64

2.94

9.58

+4	N. pav.	6.70	2.88.
+11		6.7	2.9-
cl.		8.4	1.0.
+2		9.3	0.3.
N		9.2	0.4.
+15		9.2	0.4.

36+43

0+98

N. cl. Tel Pole

1+00

-15		9.4	0.2.
N.		9.2	0.4.
+10		8.4	1.0.
cl.		8.0	1.6.
+3		6.2	3.4.
+10	N. pav	6.29	3.29.
14		6.21	3.7.
36+41		6.03	3.55.
14		6.33	3.25.
+4	S. pav	6.54	3.04.
cl	elec pole	6.1	3.5.

9.58

Mainst

29

+5		8.9	0.7.
S		9.0	0.6.
+15		9.0	0.6.
36+21			
-15		9.3	0.3.
S		9.4	0.2.
+6		8.6	1.0.
cl		5.9	3.7.
+10	S. pav.	6.40	3.18
14		6.24	3.34
4		5.95	3.75 3.63
14		6.05	3.53.
+40	N. pav	6.12	3.46.
+11		5.7	3.7.
cl		7.5	2.1.
1		8.4	0.8.
+15		8.4	0.8.

1+20

9.58

1+35

-15		8.3	1.3.
N		8.2	1.4.
cl		7.5	2.1.
+3		5.7	3.9.
+10	N Pav	5.92	3.62
1/4		5.92	3.66.
36+06		5.83	3.75.
1/4		6.13	3.75 3.45
+4	S. Pav	6.31	3.27.
+11		6.3	3.3.
cl		5.1	4.5.
S		6.1	3.5.
+5		6.1	3.5.
<hr/>			
		2+00	
-10		6.8	2.8.
S		6.4	3.2.
cl		5.6	4.0.
+10	S. pav.	5.95	3.63
1/4		5.65	4.03 3.93
35+41		5.39	4.18 4.19

9.58

Mainst.

30

1/4		5.54	4.04.
+4	N Pav	5.66	3.92.
+12		5.1	4.0.
cl		7.5	2.1.
+5		7.3	2.3 0.3
N		9.3	0.3.
+10		9.3	0.3.
<hr/>			
		2+33	
-10		7.6	2.0.
N		7.5	2.1.
cl		7.1	2.5.
+2		5.2	4.4.
+10	N. pav	5.39	4.19.
1/4		5.25	4.33.
35+08		5.11	4.47.
1/4		5.44	4.14.
+4	S. pav	5.65	3.93.
cl		5.4	4.2.
+3		5.3	4.3.
S		7.6	2.0.
+10		8.2	1.4.

9.58

2+56

-5		8.0	1.6
9		6.2	3.4
el		5.3	4.3
+10	s. pav	5.53	4.05
14		5.35	4.23
		5.00	4.58
14		5.17	4.41
+4	N. Pav	5.31	4.27
+12		5.0	4.6
el		6.0	3.6
N		7.7	1.9
+10		7.7	1.9

34+93

2+48

N. el. line Tel. Pole

3+00

-10		6.8	2.8
N		6.3	3.3
el		5.1	4.5
+10	N. pav	4.89	4.69
14		4.78	4.80

9.58

Main St

31**34+41**

14		4.68	4.90
14		5.04	4.54
+4	s. pav	5.22	4.36
el		4.9	4.7
5		5.1	4.5
+5		5.1	4.5

33+93

33+43

1. s. of s. el. Elec Pole

3+02

3+50

-5		5.2	4.4
5		5.1	4.5
el		4.8	4.8
+10	s. Pav	4.94	4.64
14		4.68	4.90
		4.31	5.27
14		4.45	5.13
+4	N pav	4.51	5.07
el		4.2	5.4
N		4.4	5.2
+5		4.4	5.2

33+91

9.58

4+00

-5		4.6	5.0.
N		4.4	5.2.
el	T-el Pole	4.0	5.6.
+10	N pav	4.11	5.47
1/4		4.02	5.56.
33+41		3.87	5.71.
1/4		4.32	5.26.
+4	S. pav	4.52	5.06.
el		4.2	5.4.
S		3.9	5.7.
+5		4.0	5.6.
	4+50		
-5		3.5	6.1.
S		3.5	6.1.
el		3.9	5.7.
+10	S. pav	3.98	5.60.
1/4		3.76	5.82.
32+91		3.41	6.17.
1/4		3.51	6.07.
+4	N. Pav	3.58	6.00.

9.58

Main St

32

el		3.3	6.3.
N		3.5	6.1.
+5		3.5	6.1.
32+42	32+92	4+51	
	<u>1. S. of S. el = Elec Pole</u>		

5+00

-5		2.0	7.6.
N		2.4	7.2.
el		2.3	7.3.
+10	N. Pav	3.11	6.47
1/4		3.10	6.48
32+41		3.03	6.55
1/4		3.35	6.23
+4	S. pav	3.50	6.08
el		3.4	6.2
S		3.2	6.4
+5		3.2	6.4

9.58

5+50

-5		2.6	7.0
S		2.6	7.0
cl		2.8	6.8
+10	S. Pav	3.14	6.44
14		2.96	6.62
		2.65	6.93
14		2.77	6.81
+4	N. Pav	2.80	6.78
+12		2.3	7.3
cl		1.7	7.9
N.		1.3	8.3
+5		0.9	8.7

31+91

5+54

N. cl Line Tel. Pole

31+49

5+92

1/2 S. of S. cl. Elec Pole With St. Lamp

T.P. BM 8.42 15.58 2.42 7.16 S. E. Thor & Main

6+00 = N. Line Thor 60' wide 10' cls 10' 1/4s

N.		6.9	8.7
cl.		7.2	8.4

15.58

Main St

33

+3			7.5
+10	N. Pav		7.12
14			7.15
			7.26
14			6.97
+4	S. Pav		6.81
cl			7.1
S			7.0
			7.5 E. of W. Line = E. side cur walk
			0.7 S. of S. Line 8.84 6.74 on cur. walk
			W. cl. McCorb Driveway for Service Station
S			6.17
cl			6.9
+10	S. Pav		6.91
14			7.05
			7.30
14			7.26
+4	N. Pav		7.20
cl			7.8
+2			8.6
N.			8.6

4R 6-10-35

31+414

31+314

15.58

W. 114

N		7.8	7.8.
cl		8.1	7.5.
+10	N. pav	8.29	7.29.
114		8.25	7.33.
31+214		8.15	7.43.
114		8.42	7.16.
+4	S. pav	8.59	6.99.
cl		8.4	7.2.
S.		8.8	6.8.

d

S.		8.3	7.3.
cl		8.3	7.3.
+10	S. pav	8.52	7.06.
114		8.35	7.23.
31+114 Thor		8.06	7.52.
114		8.21	7.37.
+4	N. pav	8.26	7.32.
cl		7.6	8.0.
N		7.3	8.3.

15.58

E. 114

Main St

34

N		7.3	8.3.
cl		7.6	8.0.
+10	N. pav	8.14	7.44.
114		8.08	7.50.
31+014		8.01	7.57.
114		8.26	7.72 7.32
+4	S. pav	8.44	7.14.
cl		8.3	7.3.
S		8.4	7.2.

e. cl.

100' S. of S. Line		8.92	6.66	unit. cl
S	S "	8.39	7.19.	" "
cl		8.2	7.4.	
+10	S. pav	8.32	7.26	
114		8.16	7.42	
30+914		7.86	7.72	
114		7.98	7.60.	
+4	N. Pav	8.05	7.53.	
cl		7.84	7.74.	
+7		7.7	7.9.	
+8		6.6	9.0.	
N		6.5	9.1.	

15.58
0+00 = E. line Thor.

N		6.3	9.3.
eb		7.1	8.5.
+2		8.0	7.6.
+10	N. pav	7.98	7.60.
1/4		7.94	7.64.
30+81⁴		7.81	7.77.
1/4		8.10	7.48.
+4	S. pav	8.24	7.34.
eb		8.3	7.3.
S		8.3	7.3.
+5		8.4	7.2.

30+71⁴

0+10

0.5 S. of S. eb = clr Fire Hydr.

30+50⁴

0+31

N. eb. line Tel Pole

0+50

-5		8.3	7.3.
S		8.2	7.4.
+11	Else Pole	7.5	
eb		7.5	8.1.

15.58

Main St

35

+10	S. pav	7.80	7.78.
1/4		7.49	7.89.
30+31⁴		7.29	8.29
1/4		7.44	8.14.
+4		7.50	8.08.
+11		7.4	8.2
eb		6.3	9.3.
N		5.9	9.7.

1+00

N		5.3	10.3.
eb		5.5	10.1.
+2		6.9	8.7.
+10	N. pav	7.03	8.55.
1/4		6.99	8.59.
29+81⁴		6.85	8.73.
1/4		7.13	8.45.
+4	S. pav	7.35	8.23.
eb		7.0	8.6.
S		7.1	8.5.
+5		7.0	8.6.

15.58

1+50

-5		6.0	9.6.
S		5.8	9.8.
cl	elec Pole	6.17	8.9.
+2		6.4	8.8.
+10	S. Pav.	6.92	8.66.
1/4		6.69	8.89.
29+31		6.73	9.15.
1/4		6.55	9.03.
+4	N. Pav	6.63	8.95.
+12		6.7	8.9.
cl	Tel Pole	4.8	10.8.
N.		4.4	11.2.
	1+93		
N.		4.2	11.4.
cl		4.2	11.4.
+2		6.2	9.4.
+10	N. Pav	6.21	9.37.
1/4		6.12	9.46.
28+88		6.03	9.55.
1/4		6.41	9.17.

15.58

Main St

36

+4	S. Pav	6.54	9.04.
+11		6.3	9.3.
cl		5.5	10.1.
S		5.6	10.0.
+5		5.6	10.0.
		2+00	
S.		1.9	13.7.
+3		5.3	10.3.
cl		5.1	10.5.
+3		6.3	9.3.
+10	S. Pav	6.48	9.10.
1/4		6.31	9.27.
28+81		5.97	9.61.
1/4		6.05	9.53.
+4	N. Pav	6.13	9.45.
+12		6.1	9.5.
cl		4.1	11.5.
N.		3.8	11.8.

15.58
2+45

N.		3.8	11.8.
cl		4.0	11.6.
+3		5.9	9.7.
+10	N. pay	5.73	9.85.
14		5.70	9.88.
28+36		5.50	10.08.
14		5.89	9.69.
+4	S. pay	5.99	9.59.
cl		5.1	10.5.
+8		4.4	11.2.
5		2.1	13.5.

2+50

-5		4.4	11.2.
5		4.5	11.1.
cl		5.1	10.5.
+10	S. pay	5.94	9.64.
14		5.83	9.75.
28+31		5.48	10.10.
14		5.64	9.92.
+4	N. pay	5.70	9.88.

15.58

Main St

37

+11		5.6	10.0.
cl		4.0	11.6.
N		3.5	12.1.

28+02

2+79

i.s. of s. cl. Blue Pole

3+00

N		3.2	12.4.
cl	Tel. Pole	3.3	12.3.
+3		5.5	10.1.
+10	N. pay	5.21	10.37.
14		5.15	10.43.
27+81		5.05	10.53.
14		5.40	10.18.
+4	S. pay	5.57	10.01.
+11		5.0	10.6.
cl		4.4	11.2.
3		4.2	11.4.
+5		4.1	11.5.

15.58
3+50

-5		3.9	11.7.
S.		3.9	11.7.
el		4.2	11.4.
+10	S. pav	5.02	10.56.
1/4		4.87	10.71.
27+31		4.56	11.02.
1/4		4.61	10.97.
+4	N. pav	4.71	10.87.
+10		4.4	11.2.
el		3.2	12.4.
N		3.0	12.6.
26+95	3+86		
	1/2 s. of s. el. elec Pole		
	4+00		
N		2.7	12.9.
el		3.0	12.6.
+1		4.1	11.5.
+10	N. pav	4.29	11.29.
1/4		4.21	11.37.
26+81		4.09	11.49.

15.58

Main St.

38

1/4		4.43	11.15.
+4	S. pav	4.59	10.99.
el		3.7	11.9.
S.		2.8	12.8.
+5		2.4	13.2.
26+51	4+30	W. end Walk on S.	
1/4	0.3 s. of s. line N. edge W. end walk	3.34	12.24
	4+30		
-0.3	N. edge walk	3.34	12.24
S.		3.4	12.2.
el		3.4	12.2.
+10	S. pav.	4.18	11.40
1/4		4.06	11.52.
26+31		3.68	11.90.
1/4		3.82	11.76.
+4	N. pav.	3.87	11.71.
+12		3.4	12.2.
el	Tel. Pole	2.4	13.2.
N		2.6	13.0.
TP BM. B.P.	5.57	19.12	2.03
			13.55
			s.e. Una
			+ Main

19.12

25+97

4+84

0.5 N. of N. Line Wheel S. edge cmt. walk 5.62 13.50

5+00

-0.5 s. edge cmt. walk 5.59 13.53

N. 5.6 13.5

cb 5.9 13.2

+10 N. Pav 6.93 12.19

1/4 6.92 12.20

25+81

1/2 6.78 12.34

1/4 7.14 11.98

+4 s. pav. 7.30 11.82

cb 6.4 12.7

+5 6.6 12.5

+0.3 N. edge cmt. walk 6.58 12.54

25+80

5+01

1.5 of S. el. Elec Pole.

25+67

5+135

Stucco Pillar 20" Diam. N. edge 0.4 in st.

25+53

5+28

Stucco Pillar 20" Diam. N. edge 0.4 in st.

19.12

25+39

5+41.5

Stucco Pillar 20" Diam. N. edge 0.4 in st.

5+50

-0.3 N. edge cmt. walk 6.30 12.82

S 6.3 12.8

cb 6.2 12.9

+10 s. pav 6.95 12.17

1/4 6.68 12.44

25+31

1/2 6.34 12.78

1/4 6.49 12.63

+4 N. pav 6.53 12.59

cb 5.6 13.5

N 5.3 13.8

+0.5 s. edge - cmt. walk - E. end 5.64 13.48

25+25

5+56

Stucco Pillar 20" Diam. N. edge 0.4 in st

0.3 s. of S. line ^{S. edge - E. end} cmt. walk 6.30 12.82

24+88

5+93

1.5 s. of S. el. Elec Pole st. lamp.

Main St

39

19.12

5+99^E = W. Lane 2na. St
Use broom

60' wide
10' chs
10' 1/2"

N		4.6	14.5.
cl	Tel. Pole	4.8	14.3.
+3		5.7	13.4.
+10	N. pav	6.04	13.08.
1/4		5.96	13.16.
		5.89	13.23.
1/4		6.20	12.92.
+4	S. pav	6.34	12.78.
cl		5.8	13.3.
S		5.8	13.3.

24+81⁴

7.5' E. of W. line

N. line = E. edge S. end cont. walk

W. cl

No. cont on S.W. Service Sta Driveway

Sidewalk
Appears very
High.

S		5.8	13.3.
cl		5.8	13.3.
+10	S. pav	6.20	12.92.
1/4		6.10	13.02.
		5.81	13.31.
1/4		5.88	13.24.
+4	N. pav	5.96	13.16.

24+71⁴

19.12

Main St

40

cl		5.4	13.7.
N		5.0	14.1.
		5.6	13.5.
		5.7	13.4.
+10	N. pav	5.87	13.25.
1/4		5.74	13.38.
		5.71	13.41.
1/4		5.97	13.15.
+4	S. pav.	6.07	13.05.
cl		5.8	13.3.
S		5.9	13.2.

24+61⁴

W. 1/4

E

S		5.7	13.4.
cl		5.8	13.3.
+10	S. pav	6.00	13.12.
1/4		5.92	13.20.
		5.64	13.48.
1/4		5.71	13.41.
+4	N. pav	5.76	13.36.

19.12

E con

cb		5.3	13.8
N		5.3	13.8
	E 1/4		
N		5.3	13.8
cb		5.3	13.8
+10	N. pav	5.43	13.49
1/4		5.56	13.56
24+51^{1/2}	Una St.	5.51	13.61
1/4		5.81	13.31
+4	S. pav	6.01	13.11
cb		5.7	13.4
S.		5.7	13.4
	S. cb.		
30' S. of S. line ent. cb.		5.74	13.38
S. = N. end ent. cb.		5.57	13.55
cb		5.5	13.6
+10	S. pav	5.88	13.24
1/4		5.82	13.30
24+31^{1/2}		5.42	13.70
1/4		5.53	13.59

19.12

19.12

5.37

13.75

11

+4	N. pav	5.62	13.50
cb		5.1	14.0
N.		5.3	13.8
+6.8 = S. end ent. cb.		5.01	14.11
30' N. of N. line ent. cb.		4.68	14.44
	0+00 = E. Line Una St.		
N		4.9	14.2
cb		4.9	14.2
+10	N. pav	5.48	13.64
1/4		5.43	13.69
24+21^{1/2}		5.37	13.75
1/4		5.71	13.41
+4	S. pav	5.79	13.33
cb		5.2	13.9
S.		4.9	14.2
	0+50		
S		4.9	14.2
cb		5.1	14.0
+10	S. pav	5.68	13.44
1/4		5.56	13.56

19.12

0+50 con

23+71		5.17	13.95
1/4		5.28	13.84
7/4	N. pav	5.34	13.78
el		5.0	14.1
N.		4.5	14.6

23+46 0+75

1.5 s. 7 s. el Elec Pole

23+22		4.7	14.4
0.5 N. 7 N. el	Tel. Pole	4.7	14.4

1+00

N		5.24	13.88
el		5.17	13.95
+10	N. pav	5.08	14.04
1/4		5.48	13.64

23+21		5.58	13.54
1/4		5.3	13.8
7/4	S. pav	5.5	13.6
el			
S.			

19.12

1+26

S		5.4	13.7
el		5.4	13.7
+10	S. pav	5.55	13.57
1/4		5.40	13.72
22+95		4.98	14.14

1/4 5.11 14.01

+4 N. pav 5.14 13.98

+12 gutter wedge pavmt 5.35 13.77

7/2 ent. el w. end 4.69 14.43

el. w. end ent. walk 4.67 14.45

N. w. end " " 4.51 14.61

1+50

N. ent. walk 4.50 14.62

+9.5 4.56 14.56

el. line 4.82 14.30

7/2 old el. line gutter pavmt (in driveway) 5.30 13.82

+10 N. pav strip 5.09 14.03

1/4 5.05 14.07

22+71 4.97 14.15

1/4 5.36 13.76

Main St.

42

W. End Pavmt
Bet. Strip Pavmt
& old 14' el.

19.12

1750 (60w)

+4	S.pav	5.52	13.60.
cb		5.3	13.8.
S		5.4	13.7.

1776

S		5.8	13.5.
cb		5.2	13.9.
+10	S.pav	5.45	13.67.
ly		5.28	13.84.

22+45

ly		4.93	14.19.
ly		4.99	14.13.
+4	N.pav	5.03	14.09

E. End, Pavmt
Bet Strip "
+ old curb

+12	alter pavmt	5.18	13.94	E. end
+12	cont. cb	4.55	14.57	E. 2nd
cb	on emt. walk	4.53	14.59	" "
N	" " "	4.42	14.70	" "

2+00

N		4.5	14.6.
cb		4.6	14.5.
+10	N.pav	4.99	14.13.
ly		4.94	14.18.

19.12

Main St

43

22+21

1/2
6-10-35

ly		4.87	14.25	
ly		5.27	13.85	
+4	S.pav	5.42	13.70	
cb		5.3	13.8.	
+1.5	Elec Pole	5.9	13.2.	
S.				
T.P.	6.19	19.89	5.42	13.70

2+50

S.		6.2	13.7.
cb		5.7	14.2.
+10	S.pav	6.04	13.85
ly		5.84	14.05

21+71

ly		5.50	14.39
ly		5.62	14.27
+4	N.pav	5.68	14.21
cb		5.2	14.7.
+0.5	Tel Pole		
N.		4.7	15.2.

19.89

3+00

N.	5.2	14.7
cl	5.2	14.7
+10	N. pav	5.54 14.35
1/4	5.51	14.38
21+21	5.41	14.48
1/4	5.78	14.11
+4	S. pav	5.93 13.96
cl	5.8	14.0 14.1
+3	6.7	13.1 13.2
5	6.9	13.0
7	7.2	
7.5	7.2	12.7

20+84

3+37

1.5 S. of S. cl. = Elec Pole

3+50

-5	6.8	13.1
5	6.9	13.0
+9	6.7	13.2
cl	5.8	14.1
+10	S. pav	5.77 14.12
1/4	5.55	14.34
20+71	5.30	14.59

19.89

Mainst.

44

1/4	5.37	14.52
+4	N. pav	5.43 14.46
cl	5.1	14.8
N	5.1	14.8
	4+00	
N.	4.7	15.2
+11.5	Tel Pole	4.9
cl	4.9	15.0
+10	N. pav	5.26 14.63
1/4	5.22	14.67

20+21

1/4

+4 S. pav

5.14	14.75
5.48	14.41
5.63	14.26
cl	5.5 14.4
+3	6.1 13.8
5	6.6 13.3
+5	6.6 13.3

4+50

-5	6.4	13.5
5	6.2	13.7

19.89
4+50 (con)

el		5.3	14.6.
+10	S. pav	5.45	14.44.
1/4		5.33	14.56.
19+74		4.98	14.91.
1/4		5.09	14.80.
+4	N. pav	5.13	14.76.
el		4.9	15.0.
N.		4.9	15.0.

19+54 4+67

1.5 S. of S. el. = Elec Pole

5+00

N		4.8	15.1.
el		4.8	15.1.
+10	N. pav.	5.00	14.89
1/4		4.91	14.98.
19+21		4.86	15.03.
1/4		5.22	14.67.
+4	S. pav	5.34	14.55
el		5.2	14.7.
S.		5.0	14.9.

19.89
5+50

Main St

45

S		4.5	15.4.
el		4.7	15.2.
+10	S. pav	5.17	14.72.
1/4		5.00	14.89.
18+71		4.72	15.17
1/4		4.85	15.04
+4	N. pav	4.92	14.97
el		4.2	15.7.
N		3.9	16.0.

18+70 Use +01

5+52

0.5 N. of N. el = Tel. Pole

18+29 5+93

1.5 S. of S. el = Elec Pole

6+01 = W. line Vesta St.

60' wide
10' el.
10' 1/4 S.

N	Use 6+00	3.9	16.0.
el		4.4	15.5.
+10	N. pav	4.84	15.05
1/4		4.72	15.17
18+21 1/2		4.63	15.26
1/4		4.89	15.00

1989
W. line Vesta St. (Eon)

+4	s. pav	5.02	14.87.
el		4.7	15.2.
S		4.9	15.0.

18+132 7.5 E. of W. Line
S. edge
1. S. of S. line (N. end cnt. walk) 5.11 14.78. *Corb 10.76*

1. N. of N. line (S. edge S. end cnt. walk) 4.23 15.66. *Corb 15.64*

Service Sta entrance on W side W. el. line
of Vesta both N+S side of Main St.

S. 5.4 14.5.

el 5.1 14.8.

+10 s. pav. 5.96 14.93.

1/4 4.82 15.07.

18+132 4.53 15.36.

1/4 4.67 15.22.

+4 N. pav 4.79 15.10

el 4.5 15.4

N. 4.4 15.5

W. 1/4

N 4.5 15.4.

el 4.6 15.3.

+10 N. pav 4.72 15.17.

1989

Main St

46

1/4 4.42 15.27.
18+014
E 4.44 15.45.

1/4 4.75 15.14

+4. s. pav 4.88 15.01

el 5.0 14.9.

S 5.4 14.5.

E

S. 5.4 14.5

el 4.9 15.0

+10 s. el 4.83 15.06.

1/4 4.71 15.18.

17+914 Vesta St. 4.39 15.50.

1/4 4.45 15.44.

+4 N. pav 4.49 15.40.

el 4.3 15.6.

N 4.3 15.6

E. 1/4

N 4.2 15.7.

el 4.2 15.7.

+10 N. pav 4.43 15.46

19.89				20.89					
		E. 1/4 (con)				0700 = E. Line Vesta St	Maist. 47		
1/4		4.35	15.54.	N.		4.5	16.4.		
17+814		4.31	15.58.	el		4.7	16.2.		
1/4		4.61	15.29.	+10	N. pav	5.38	15.51.		
+4	S. pav	4.74	15.15.	1/4		5.27	15.62.		
el		4.8	15.1.	17+614		5.20	15.69.		
S.		5.4	14.5.	1/4		5.49	15.40.		
T.P. BM.BP	5.69	20.89	4.69	15.20	S.E. Vesta & Main	+4	S. pav	5.57	15.32.
		E. el.		el		5.4	15.5.		
50' S of S. Line on cont. el.		4.69	14.20.	+2		4.7	16.0.		
1.5 " S. " N. end ent. el.		5.69	15.20.	S.		5.1	15.8.		
el		5.7	15.2.	17+534		0708			
+10	S. pav	5.68	15.21.	0.5 N. of N. el.	Tel Pole				
1/4		5.52	15.37.	17+514		0710			
17+714		5.21	15.68.	S. el Line	Fire Hydr.				
1/4		5.33	15.56.	T.P.	1.97	17.17	5.69	15.20.	
+4	N. pav	5.44	15.43.			0750			
el		5.1	15.8.	S		0.9	16.3.		
N.		5.2	15.7.	+10.5	el & Pole				
N. on cont. el S. end.		4.80	16.09.	el		1.5	15.7.		
+50' N on cont. el.		4.01	16.88.	+2		2.2	15.0.		

		17.17	
		0+50 (con)	
+ 10	S. pay	2.39	14.78.
1/4		2.27	14.90.
17+114		1.92	15.25.
1/4		2.02	15.15.
+ 4	N. pay	2.08	15.09.
cb		1.5	15.7.
N.		0.8	16.4.

		1+00	
N		0.9	16.3.
cb		1.7	15.5.
+ 10	N pay	2.51	14.66.
1/4		2.46	14.71.
16+614		2.38	14.79.
1/4		2.68	14.49.
+ 4	S. pay	2.84	14.25 14.33
+ 12		2.5	14.7.
cb		1.6	15.6.
S		0.7	16.5.

16+134		1+48	
0.5	N. & N. dr	Tel Pole	

		17.17	
		1+50	
S.		1.2	16.0.
cb.		2.2	15.0.
+ 22		3.1	14.1.
+ 10	S. pay	3.31	13.86.
1/4		3.19	14.08 13.98
16+114		2.87	14.30.
1/4		2.89	14.28.
+ 4	N. pay	2.97	14.20.
+ 12		2.5	14.7.
cb		1.4	15.8.
N.		0.7	16.5.

		2+00	
N		1.7	15.5.
cb		2.0	15.2.
+ 2		3.0	14.2.
+ 10	N. pay	3.43	13.74.
1/4		3.39	13.78.
15+614		3.32	13.85.
1/4		3.70	13.47.
+ 4	S. pay	3.78	13.39.

Mainst
48

		17.17	
el		2+00 3.1	14.1.
+2		2.0	13.2.
S.		1.7	13.5.
		2+50	
S.		3.0	14.2.
+10.5	Elec Pole		
el		3.1	14.1.
+2		3.9	13.3.
+10	S. pav	4.25	12.92.
1/4		4.17	13.00.
15+11z		3.73	13.44.
1/4		3.83	13.34.
+4	N. pav	3.88	13.29.
el		3.4	13.8.
N.		3.3	13.9.
		3+00	
N.		3.4	13.8.
+11.5	Tel. Pole		
el		3.8	13.4.
+10	N. pav	4.33	12.84.

		17.17	Main St
1/4		4.25	12.92.
14+61z		4.17	13.00.
1/4		4.59	12.58.
+4	S. pav	4.72	12.45.
el		4.4	12.8.
+2		3.8	13.4.
S		3.3	13.9.
		3+48	
S		3.4	13.8.
+10	Elec Pole	3.9	13.3.
el		4.7	12.5.
+10	S. pav	5.05	12.12.
1/4		4.97	12.20.
14+13z		4.63	12.54.
1/4		4.71	12.46.
+4	N. pav	4.72	12.45.
el.		4.3	12.9.
N.		4.0	13.2.

17.17
3+55

N		4.0	13.2
el		4.4	12.8
+10	N. pav	4.75	12.42
1/4		4.74	12.43
14+06 ⁺		4.64	12.53
1/4		4.98	12.19
+4	S. pav	5.15	12.02
el		4.8	12.4
S		5.2	12.0
+5		5.3	11.9
• 4+00			
-5		4.9	12.3
S		4.9	12.3
el		5.2	12.0
+10	S. pav	5.57	11.60
1/4		5.41	11.76
13+61 ⁺		5.10	12.07
1/4		5.20	11.97
+4	N. pav	5.25	11.92
el		4.7	12.5
N		4.5	12.7

13+13⁺

0.5 N. of N. dr. Tel Pole

17.17

4+48

Main St

50

						4+50	
N.						4.6	12.6
el.						5.0	12.2
+10	N. pav					5.67	11.50
1/4						5.62	11.55
13+11 ⁺						5.53	11.64
1/4						5.86	11.31
+4	S. pav					6.11	11.06
el						5.6	11.6
S						5.1	12.1

5+00

S						5.8	11.4
+4.5	S. edge W. End. emt. walk	6.00					11.17
+9.5	W. edge W. End. emt. walk	4.12					11.05
+10.5	elce Pole						
el						6.0	11.2
+10	S. pav.					6.51	10.66
1/4						6.34	10.83
12+61 ⁺						6.02	11.15

	17.17		
12+61 ⁴	5+00 con		
1/4	4.08	11.09	
+4	N. pav	6.14	11.03
el	5.4	11.8	
N.	4.4	12.6	

12+58 ⁴	5+03		
9.8 S. of N. line =	W. End Gas Pump Platform	4.36	12.81 Top platform

12+25 ⁴	5+36		
11.4 S. of N. line	E. End Gas Pump Platform	4.72	12.45 Top Platform

	5+50		
N.	5.3	11.9	
el	5.9	11.3	
+10	N. el	6.59	10.58
1/4	6.54	10.63	

12+11 ⁴			
1/4	6.41	10.76	
+4	6.78	10.39	
+4	S. pav	6.94	10.25
el.	6.5	10.7	
+2.5 = N. edge E. End cnt Walk	4.48	10.69	
+7.5 = S. " E. " " "	4.37	10.80	
S.	4.2	11.0	

	17.17		
11+71 ⁴	5+90		
0.4 N. of S. el			Fire Hydr.

	5+96		
S.	6.0	11.2	
+10	6.0	11.2	

el	6.9	10.3	
+10	S. pav.	7.37	9.80

1/4	7.18	9.99	
11+65 ⁴			
1/4	6.84	10.31	

1/4	7.02	10.15	
+4	N. pav.	7.05	10.12
el.	Tel Pole	6.1	11.1

N	5.4	11.8	
T.P. AM. BP.	5.14	15.68	6.63
			10.54

			6400 = W. line Woden st.
			60' wide
			10' el.
			10' 1/2

N	4.5	11.2	
el	4.9	10.8	
+10	N. pav	5.58	10.10

1/4	5.55	10.13	
11+61 ⁴			
1/4	5.41	10.27	

1/4	5.74	9.90	
-----	------	------	--

Main St
51

15.68

W. Line - Woden (cont)

+4 s. pav 5.91 9.77.

el 5.6 10.1.

S. 5.7 10.0.

1.8. of W. line Woden 10' N. of S. line = Elec Pole + St. Light.

W. el

100' S. of S. line cmt el 6.80 8.88.

S. " " 6.01 9.67.

S. ground 6.6 9.1.

el 6.0 9.7.

+10 s. pav. 5.97 9.71.

1/4 5.83 9.85.

11+514

5.52 10.16.

1/4 5.61 10.07.

+4 N. pav 5.68 10.00.

el 5.8 9.9.

N. ground 5.8 9.9.

N. cmt. el. 5.14 10.54.

100' N. of N. line 4.31 11.37.

W. 1/4

N 5.6 10.1.

el 5.8 9.9.

15.68

Main St

52

+10 N. pav 5.74 9.94.

1/4 5.67 10.01.

11+414

5.58 10.10.

1/4 5.87 9.81.

+4 s. pav 6.00 9.68.

el 6.0 9.7.

S 6.3 9.4.

⊕

S. 6.4 9.3.

el 6.1 9.6.

+10 s. pav 6.11 9.57.

1/4 5.98 9.70.

11+314 Woden St

5.65 10.03.

1/4 5.75 9.93.

+4 N. pav 5.80 9.88.

el 5.8 9.9.

N 5.8 9.9.

E. 1/4

N 5.7 10.0.

el 5.8 9.9.

15.68

E. 1/4 Con

5.89

9.79.

+10 N. pav

1/4

5.84

9.84.

11+214

2

5.71

9.97.

1/4

6.06

9.62

+4 S. pav

6.23

9.45.

cl

6.1

9.6.

S

6.4

9.3.

E. cl.

100' S. of S. line ent. cl

7.24

8.44.

S.

" "

6.53

9.15.

S. ground.

6.8

9.9.

cl

6.0

9.7.

+10 S. pav.

6.29

9.39.

1/4

6.09

9.59.

2 11+114

5.80

9.88.

1/4

5.95

9.73.

+4 N. pav

6.02

9.66.

cl

6.0

9.7.

N. ground

6.2

9.5.

N. ent. cl

5.68

10.00

+100. ent. cl

5.14

10.54

15.68

0+00 = E. line Woden St.

Main St

53

N

5.3

10.4.

cl

5.7

10.0.

+10 N. pav

6.09

9.59.

1/4

6.02

9.66.

11+014

2

5.90

9.78.

1/4

6.21

9.47.

+4 S. pav

6.40

9.28.

cl

5.6

10.1.

S.

5.0

10.7.

0+50

S

5.5

10.2.

cl

5.9

~~9.7~~ 9.8

+10 S. pav

6.69

8.99.

1/4

6.55

9.13.

10+514

2

6.23

9.45.

1/4

6.40

9.28.

+4 N. pav

6.44

9.24.

cl

5.2

10.5.

N.

4.5

11.2.

10 + 50⁴

15.68

0+51

2.0 S of s. dv Elec Pole

10+43⁴

Gas Platform
2.6 wide s. side
0+58 = W. End { 1.5 S. of N. line

Top platform 3.98 11.70

10+30⁴

0+71 = E. End gas pump platform { 2.6 wide - s. side
2.0 S. of N. line

Top platform 4.01 11.67

10+03⁴

0+98

N. d. line Tel Pole

1+00

N. 5.1 10.6

dv 4.0 9.7

+10 N. pav 6.78 8.90

1/4 6.68 9.00

10+01⁴

E 6.56 9.12

1/4 6.92 8.76

+4 S. pav 7.04 8.64

dv 6.5 9.2

S. 6.1 9.6

15.68

Main St

54

9+66 ⁴	1+34 = W. End gas pump platform	2.5 wide - N. edge 15.0'3 S. of S. ch. line	
Top platform	5.40	10.28	
9+52 ³	1+48 ⁵ = E. End gas pump platform	2.5 wide - N. edge 15.0'3 S. of S. ch. line	
Top platform	5.50	10.18	
	1+50		
S.	6.6	9.1	
ch	7.1	8.6	
+10	S. pav	7.39	8.29
1/4		7.27	8.41
9+51 ⁴		6.94	8.74
1/4		7.03	8.65
+4	N. pav	7.07	8.61
ch		6.9	8.8
N.		6.5	9.2
	2+00		
-10		9.8	5.9
N.		8.7	7.0
+7		7.6	8.1
ch		7.4	8.3
+10	N. pav	7.40	8.28

1/4		7.35	8.33
9+01 ⁴		7.25	8.43
1/4		7.54	8.14
+4	S. pav	7.73	7.95
ch		7.5	8.2
S.		7.2	8.5
8+97 ⁴	2+04		
	2.6 S. of S. ch. Elec Pole		
8+53 ⁴	2+48		
	N. ch. = Tel. Pole		
	2+60		
S.		7.4	8.3
ch		7.6	8.1
+10	S. pav	8.07	7.61
1/4		7.88	7.80
8+41 ⁴		7.64	8.04
1/4		7.77	7.91
+4	N. pav	7.87	7.81
ch		7.6	8.1
N		7.4	8.3

15.68

3+00

-10		11.1	14.6
N.		10.6	5.1
el		9.4	6.3
+2		8.2	7.5
+10	N. pav.	8.22	7.46
ly		8.07	7.61
el		7.93	7.75
ly		8.19	7.49
+4	S. pav	8.36	7.32
el		7.9	7.8
S.		7.7	8.0

8+01 1/2

7+644 3+37

2.2 s. of s. el. El. & Pole

3+50

S.		7.9	7.8
el.		8.0	7.7
+10	S. pav	8.65	7.15 7.03
ly		8.47	7.21
el		8.19	7.49
ly		8.42	7.26

7+51 1/2

15.68

Main St

56

+4	N. pav	8.60	7.08
+12		8.5	7.2
el		9.6	6.1
N		10.8	4.9
+10		10.8	4.9
T.P. Nail Pole	-1.88	10.99	6.57 9.11

1/2 6-10-35

Sta 3+37

4+00

N.-10		4.1	6.9
N.		4.2	6.8
+11.5	T. & Pole		
el		4.0	7.0
+10	N. pav	4.22	6.77
ly		4.04	6.93

el	7+01 1/2	3.90	7.09
ly		4.23	6.76
+4	S. pav	4.39	6.60
el		3.8	7.2
S		3.8	7.2

		10.99	
-10		4+50	8.1
S			4.3
el			4.7
+10	S. pav		4.74
1/4			4.58
±	6+51 ⁴		4.22
1/4			4.35
+4	N. pav		4.44
el			4.2
N.			3.6
6+48⁴		4+53	
N			3.6
el			4.2
+10	N. pav		4.45
1/4			4.36
±	6+48 ⁴		4.23
1/4			4.59
+4	S. pav		4.74
el			4.6
+2.5	At. W. Cor. Wood platform		4.9
	S.W. Cor. Bldg.		
S.	S.W. Cor. Wood platform		4.6

		10.99		Main St
				57
				5.6
				2.9
				5+01
				5+01
				5+96 ⁹
				5+04.5
				3.3
				4.2
				6.6
				6.3
				6.3
				5.84
				6.03
				6.43
				6.29
				6.19
				7.1
				7.9
				8.3
				7.7

5+53⁹

5+48

-8

N

ground &
Top platform
Ground to W.
& Top.

Top platform
Ground to E & N
& Top platform

5+00⁹

6

1.5 S. of S. el. Elev. Pole

5+96⁹

5+04.5

5-10

S. ground.

S. { S.E. cor wood platform
N.E. " Bldg

+9.5 = N. E. cor wood platform

el

+10 S. pav.

1/4

±

1/4

+4 = N. pav

el

N.

5+53⁺

10.99

5+48 (con.)

0.5 N. of N. cl Tel Pole

cl		4.5	6.5
+10	N. pav	5.06	5.93
14		4.99	6.00
±		4.89	6.10
1/4		5.18	5.81
+		5.35	5.64
cl		5.2	5.8
+7		7.3	3.7
S		7.3	3.7
+12		7.3	3.7

5+51⁺

5+50

-12		7.3	3.7
S		7.3	3.7
+8		7.3	3.7
cl		5.2	5.8
+10	S. pav	5.37	5.62
1/4		5.20	5.79
±		4.90	6.09
1/4		5.01	5.98

10.99

Main St.

58

+4	N. pav	5.06	5.93
cl		5.3	5.7
N.		5.3	5.7
+8		5.2	5.8

5+09⁺

5+92

1.5 S. of S. cl. Elec Pole

5+01⁺6+00^I = W. line Yama St60' wide
10' elev
10' h/s.

-10		5.6	5.4
N		5.3	5.7
cl		5.4	5.6
+10	N. pav	5.86	5.63
1/4		5.36	5.63
±		5.17	5.82
1/4		5.59	5.40
+4	S. pav	5.72	6.27
cl		5.2	5.8
S.		6.8	4.2
+15		7.3	3.7

For Culvert Location Yama St

See Book 1197 - Page 32.

10.99

W. cl 4+91⁴

-15		7.1	3.9.
S		6.5	4.5
cl		5.0	6.0.
+10	S. pav	5.67	5.32
1/4		5.59	5.40
±		5.21	5.78
1/4		5.29	5.70
+4	N. pav	5.31	5.68
cl		5.1	5.9
N		5.3	5.7
+10		5.3	5.7

W. 1/4 4+81⁴

-10		5.5	5.5
N		5.4	5.6
cl		5.4	5.6
+10	N. pav	5.19	5.80
1/4		5.19	5.80
±		5.09	5.91
1/4		5.43	5.56
+4	S. pav	5.60	5.59

10.99

Main St

59

cl		4.9	6.1.
S		6.4	4.6.
+15		6.7	4.3
		± 4+71 ⁴	
-15		6.6	4.4
S		6.3	4.7
cl		5.3	5.7
+10	S. pav	5.53	5.46
1/4		5.39	5.60
±		4+71 ⁴	Yama St.
1/4		5.08	5.91
+4	N. pav	5.09	5.90
cl		4.9	6.1
N		5.0	6.0
+10		5.0	6.0

8. 1/4 4+61⁴

-10		5.1	5.9
N		5.1	5.9
cl		5.0	6.0
+10	N. pav	5.21	5.98

10.99

E. 1/4 (2001)

b _y		4.97	6.02
d		4.85	6.14
1/4		5.32	5.67
+4	S. par	5.45	5.54
el		5.5	5.5
S		6.3	4.7
+15		7.0	4.0

E. 1/4 4+5 1/2

-15		6.6	4.4
S		6.3	4.7
el		5.3	5.7
+10	S. par	5.35	5.64
1/4		5.13	5.86
d		4.77	6.22
1/4		4.86	6.13
+4	N. par	4.92	6.07
el		5.1	5.9
N		5.3	5.7
+10		5.3	5.7

Main St

60

10.99
0+00 = S. line Yamast.

-10		4+4 1/4	5.4	5.6
N			5.4	5.6
d			4.8	6.2
+10	N. par		4.86	6.13
1/4			4.83	6.16
d			4.70	6.29
1/4			5.07	5.92
+4	S. par		5.25	5.74
el			5.2	5.8
S			6.7	4.3
+15			6.8	4.2
			0+10 = 4+3 1/4	
	0.5 N. of S. dr	Fire Hydr.		
			0+16 = 4+25 1/4	
	0.5 N. of N. dr	Tel. Pole.		
			0+50 = 3+9 1/4 sta	
-15			6.8	4.2
S			6.6	4.4
el			4.9	6.3 61 63
+10	S. par		5.04	5.95

10.99
0+50 (con)

1/4		4.83	6.16
+		4.51	6.48
1/4		4.65	6.34
+4	N. pav	4.76	6.23
ch		4.8	6.2
N		5.4	5.6
+10		5.4	5.6
0+67 = 3+74 ^H			
1.7 S of S. ch elec Pole.			
1+00 = 3+41 ^H			
-10		5.7	5.5
N		5.7	5.5
ch		4.6	6.4
+10	N. pav.	4.52	6.47
1/4		4.43	6.56
+		4.25	6.74
1/4		4.50	6.49
+4	S. pav.	4.78	6.21
ch		4.8	6.2
S		6.9	4.1
+15		7.3	3.7

10.99
1+46 = 2+95^H

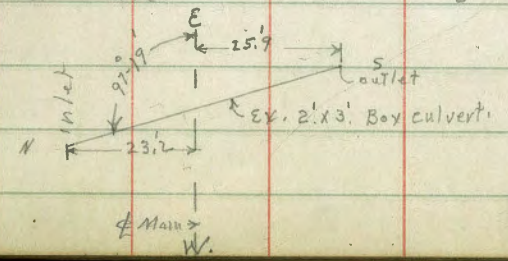
Main St

61

N. ch. Line		Tel. Pole	
1+50 = 2+91 ^H			
-15		7.6	5.4
S		7.6	3.4
ch		4.7	6.3
+10	S. pav.	4.63	6.36
1/4		4.40	6.59
+		4.08	6.91
1/4		4.25	6.74
+4	N. pav.	4.34	6.65
+12		4.3	6.7
ch		5.5	5.5
N		6.3	4.7
+10		6.3	4.7

2+69^H

1+12 on ch = 2' x 3' Box Culvert Book 1197-P 32.
 23.2 N. of ch inlet 6.97 4.02 Flow. line
 25.9 S. of ch outlet 7.92 3.07 = 3)



10.99

1+86 = 2+55⁴

2.0 s. of s. el. = elec Pole

2+00 = 2+41⁴

-10		6.1	4.9
N.		6.1	4.9
el		5.0	6.0
+3		3.7	7.3
+10	N. par	4.13	6.86
ly		4.07	6.92
±		3.86	7.13
ly		4.17	6.82
+4	S. par.	4.43	6.56
el.		5.1	5.9
S.		7.8	5.2
+15		7.8	5.2

2+50 = 1+91⁴

-15		7.9	3.1
S		7.5	3.5
+5		7.0	4.0
el		4.1	6.9
+10	S. par	4.25	6.76

10.99

Main St

62

ly		3.97	7.07
±		3.59	7.40
ly		3.80	7.19
+4	N. par	3.92	7.07
+11		3.7	7.3
el		4.8	6.2
N.		5.5	5.5
+10		5.5	5.5

2+96 = 1+45⁴

N. el. Line = Tel. Pole

3+00 = 1+41⁴

-10		5.5	5.5
N.		5.5	5.5
el		4.7	6.3
+3		3.6	7.4
+10	N. par	3.72	7.27
ly		3.59	7.40
±		3.47	7.52
ly		3.75	7.24
+4	S. par	4.03	6.96

	10.79			
	11+419			
	3+00 (con)			
cb		4.3	6.7	
+2 = Elec Pole				
+7		7.2	3.8	
S		7.5	5.5	
+15		7.6	3.4	
T.P.	6.10	13.06	4.03	6.76
		3+25 = 1+164		
-15		9.5	3.6	
S		9.3	3.8	
+7		8.7	4.4	
cb		6.1	7.0	
+10 s.pav		6.02	7.04	
1/4		5.71	7.35	
4		5.43	7.63	
1/4		5.59	7.47	
+4 N.pav.		5.64	7.42	
cb.		5.1	8.0	
+6		5.1	8.0	
+9		7.1	6.0	
N.		7.1	6.0	
+10		7.2	5.9	

	13.06			
	3+50 = 0+914			
	JR 6-10-35			
		6.7	6.4	
		4.8	8.3	
		5.1	8.0	
+10 N.pav.		5.55	7.51	
1/4		5.46	7.60	
4		5.21	7.85	
1/4		5.53	7.53	
+4 S.pav		5.76	7.30	
cb		5.5	7.6	
+9		8.4	4.7	
S.		9.0	4.1	
+15		9.3	3.8	
T.P. BMBP.	8.66	17.64	4.08	8.98
	0+742			
	3+67 1/2 on S. line = N. line Division produced from East at 90° to Main St.			
	Division St. 14' ch. on N. - 13' 4/8 to Division Line at 90° 00'			
	" " 16.34 " " - 15.40 " " " " on Diagonal			
	Main St 12' ch. S. 14' 4/8 S. at 90° 00'			
	" " 14.21 " " 16.54 " " on diagonal			
-15		13.9	3.7	
S		13.0	4.6	

Main St
63

N.W. Main
& Division

17.64
3+67.4 (con) at 90° 00

el.		9.4	8.2
+5		10.6	7.0
+10	S. pav	10.20	7.44
1/4		10.05	7.59
0+74°		9.72	7.92
1/4		9.90	7.74
+4	N. pav	10.00	7.64
el.		9.4	8.2
N.		9.0	8.6
3+67.4 on S. = N. line Division on diagonal.			
N.		8.7	8.9
el.		8.9	8.7
+11.9	N. pav	9.77	7.87
1/4	Plag. Sect.	9.69	7.95
0+48°		9.60	8.04
1/4		9.93	7.71
+4.8	S. pav.	10.13	7.51
+11		10.2	7.4
el.		8.8	8.8
S		13.0	4.6

4+00 on N. el. line = Tel Pole.

17.64
N. el. Division

Main St
61

-128	on cmt. el.	15.6	16.08
-124	gutter	2.25	15.39
-88	"	6.09	11.55
-88	cmt. el.	5.46	12.18
-78	" "	6.20	11.44
-78	gutter	6.77	10.87
-64	"	7.55	10.09
-64	cmt. el.	6.89	10.75
N. line	End. cmt. el.	8.77	8.87
N. "	gutter	9.62	8.02
+8	on N. edge pavmt.	9.90	7.74
el	" " " "	9.87	7.77
+11.9	N. edge strip	9.74	7.90
1/4		9.64	8.00
0+30° 78	Diag?	9.54	8.08
1/4		9.93	7.71
+4.8	S. pav.	10.16	7.48
+12		10.2	7.4
el.		9.2	8.4
S		9.4	8.2

S		9.2	8.4.
cl		9.6	8.0.
+ 11.9	s. pav	10.03	7.61.
1/4		9.84	7.94. 7.80
±	0 + 15.49	9.49	8.15
1/4		9.58	8.06.
+ 4.8	N. edge pav strip	9.61	8.103.
cl		9.69	7.95.
+ 5		9.79	7.85.
N. line produced		9.44	8.20.
+ 55.7		7.18	10.46.
+ 69.7		6.37	11.27.
+ 79.7		5.57	12.07.
+ 119.7		1.72	15.92.
0 + 0	± Division = National Line		
- 111.6		1.52	16.12
- 71.6		5.50	12.14.
- 61.6		6.32	11.32
- 47.6		7.11	10.53.
N		9.46	8.18.

+ 8		9.72	7.92
cl		9.64	8.00
+ 11.9	edge strip pav.	9.39	8.25
1/4		9.39	8.25
±	Main produced.	9.33	8.31
1/4		9.71	7.93
+ 4.8	s. pav strip N. edge pavmt. to S.	9.91	7.73
+ 10		10.07	7.57
cl.		9.87	7.77
+ 9.	cor pav	9.49	8.15
S.		9.3	8.3
	S. 1/4 Division		
S.		9.3	8.3.
+ 1.7	edge pav	9.34	8.30
cl.		9.87	7.77
+ 17.9		9.50	8.14
1/4		9.37	8.27
±		9.01	8.63
1/4		8.99	8.65
+ 4.8		9.10	8.54

17.64
S. 1/4 (con)

ch.		9.48	8.16
+3		9.52	8.12
N.		9.00	8.64
+38.		7.09	10.55
+52		6.56	11.08
+62		4.63	11.01
+102		1.77	16.87 15.87
	S. ch.		
- 92.5	gutter	2.29	15.35
- 92.5	cmt. ch	1.73	15.91
- 52.5	" "	5.57	12.07
- 52.5	gutter	6.06	11.58
- 42.5	" "	6.95	10.69
- 42.5	cmt. ch ^{5 ft. prop line produced from S.}	6.45	11.19
- 28.5	P.I. curb lines	7.11	10.53
	N. line - Main produced	8.49	9.15
+11		9.08	8.56
ch		9.08	8.56
+11.9		8.71	8.93
1/4		8.60	9.04

17.64

Main St

67

ch		8.46	9.18
1/4		9.04	8.60
+4.8		9.12	8.52
ch. at P.I. curbs		9.71	7.93
+5 gutter		9.64	8.00
+5 cmt. ch		8.97	8.67
S. " "		9.02	8.62
S. gutter		9.57	8.07
+2.6 End. pavmt		9.54	8.10
+2.6 End curb		9.05	8.59
	S. Line Division		
S. on edge cmt. walk		8.61	9.03
ch. line gutter in drive.		9.24	8.40
+11.9		8.63	9.01
1/4		8.49	9.15
ch		8.00	9.64
1/4		8.13	9.51
+4.8		8.20	9.44
ch		8.66	8.98
+2		8.69	8.95

17.64			17.64			Main St.
N		8.17	9.47.	♀	6.56	11.08.
+12.4	gutter	7.21	10.43.	1/4	6.71	10.93.
+19.4	emt. cl.	6.50	11.14.	+4.8	6.77	10.87.
(43.1) 36.2 S. of S. Line Division Parallel to "				cl	7.20	10.44.
N. Line	emt. cl.	6.49	11.15.	+2	7.21	10.43.
N "	gutter	7.18	10.46.	+6.8 gutter	7.18	10.51.
+13		7.60	10.04.	+6.8 emt. cl.	6.46	11.18.
cl		7.54	10.06.	N.		
+11.9		7.13	10.51.	(71.4) 65' S. of S. Line Division Parallel to "		
1/4		7.03	10.61.			
♀		6.93	10.71.	N + 10.7 emt. cl.	6.18	11.46.
1/4		7.47	10.17.	+10.7 gutter	6.79	10.85.
+4.8		7.62	10.02.	cl	6.77	10.87.
cl line gutter in drive		8.36	9.28.	1/4	6.24	11.40.
S. on S. side emt. walk		7.73	9.91.	♀	6.17	11.47.
(54.5) 50' S. S. Line Division Parallel to "				1/4	6.70	10.94.
S. on S. edge emt. walk		7.34	10.30.	+4.	6.84	10.80.
cl. n gutter in drive		7.89	9.75.	cl line produced	7.56	10.08.
+11.9		7.25	10.39.	+1.7 gutter in drive	7.54	10.10.
1/4		7.10	10.54.	W. on emt. walk	6.88	10.76.
				+0.9 S. side "	6.88	10.76.

107.7

17.64

90' s. of S. line Division
Parallel To "

W. on emt. wall	6.45	11.19.
+ 12' emt. ch	6.57	11.07.
+ 12' gutter	7.25	10.39.
s. ch produced	7.02	10.62
1/4	6.18	11.46.
⊕	5.62	12.02.
1/4	5.49	12.15.
ch	5.65	11.99.
+ 6.9 gutter	6.06	11.58.
+ 6.9 emt. ch	5.45	12.19.

135.8

114' s. of S. line Division
Parallel To "

N. on emt. ch	4.59	13.05.
N gutter	5.21	12.43.
ch	5.00	12.64.
1/4	4.74	12.90.
⊕	5.09	12.55.
1/4	5.83	11.81.
ch.	6.43	11.21.

17.64

Main St.

69

S. line Main produced.	6.86	10.78.
+ 1.2 gutter	6.84	10.80.
+ 1.2 emt. ch	6.24	11.40.
T.P.	12.33	29.86.
T.P.	12.96	42.23.
T.P.B.M.B.P	7.94	48.42.
T.P.	12.07	60.18.
T.P.B.M.B.P		2.88

N.W. Division

N.W. 41' st
+ Division

Cross Section North & South Alley
 Block 109 University Heights
 Between Kansas & Utah S. of Meade 20' wide

Indexed
 as is

70

Oct. 8-1919
 Moore
 J. S. S. S.
 Northern

B.M. 532 372.10 366.78 S.E. B.P.
 Meade &
 Kansas

Meade Ave.

S Curb of Meade

E Gutter 5.10 367.0

W " " 5.10 367.0

H " " 5.20 366.9

0+0 = S Line Meade

H Top Cb Return 4.30 367.8

H Gutter on Pav 4.50 367.6

W " " 4.64 367.46

E " " 4.41 367.69

E Top Cb Return 4.25 367.85

0+50

E 5.3 366.8

W 4.7 367.4

W 4.6 367.5

H 4.6 367.5

1+0

H 4.8 367.3

W 4.8 367.3

Block 109
 University Heights

Utah

Kansas

2+9.68
 +5.5

4+54.49

1+42.84

0+0

El Cajon Ave

372.10

373.08

F		4.9	367.2
	1+50		
F		5.0	367.1
1/2		5.0	367.1
H		5.0	367.1
	2+0		
H		4.8	367.3
1/2		5.0	367.1
F		5.2	366.9
	2+50		
F		5.2	366.9
1/2		5.2	366.9
H		5.1	367.0
	3+0		
H		4.7	362.4
1/2		4.9	362.2
F		4.9	367.2
JP	5.45	373.08	447
			367.63

	3+40		
	47 E of E. 1/2 Do. Garoga Conc. Fluv	5.10	362.98
	3+50		
F		5.5	362.6
1/2		5.5	362.6
H		5.3	362.8
	4+0		
H		5.5	362.6
1/2		5.7	362.4
F		5.7	362.4
	4+49.49 = Hill E of H Hill		
F		4.9	368.2
1/2		5.0	368.1
H		5.0	368.1

Cross Section East + West Alley
Block 109 University Heights

373.08

10' wide

H Curb Line Kansas 0-14

H on Pavmg 5.55 367.53

L " " 5.55 367.53

S " " 5.48 367.60

0+10 = H.L. Kansas

S Top cb 4.72 367.35

S on Pavmg 5.02 367.96

L " " 5.19 367.89

H " " 5.06 368.02

H Top cb 4.70 368.38

0+10

H 4.6 368.5

L 4.7 368.4

S 4.7 368.4

S Top Conc. Fall 4.56 368.58

0+45

S Top Conc. Fall End 4.54 368.54

S 4.5 368.6

L 4.6 368.5

373.08

72

H 4.8 368.3

0+65

H 4.7 368.4

L 4.6 368.5

S 4.4 368.7

+7.5' Conc. Approx 105' side 4.18 368.90

+21.5' Dr. Garage Conc. Floor 3.95 369.13

0+79

11' H of H.L. = Dr. Garage 4.5 368.6
10' 1st Floor

0+81

17' S of S.L. = Dr. Garage 4.05 369.03
Conc. Floor

1+0

S 4.6 368.5

L 4.7 368.4

H 5.2 367.8

1+37

8' S of S.L. = Dr. Garage 3.80 369.28
1st Floor

24' " " " = Dr. Garage 3.38 369.70

373.08

1745.84 - 2 N+S Alley

H	5.0	368.1
L	4.7	368.4
S	4.4	368.7

210

S - Foot of Ucca fence	4.1	369.0
L	4.1	369.0
H	4.3	368.8

2150

H	4.0	369.1
L	4.0	369.1
S	4.2	368.9

2166

S Top Conc Wall Beginning	3.90	370.18
S Ground	3.6	369.5
L	3.6	369.5
H	3.6	369.5

2199.68 - E. L. Utah

H Top Cb	2.57	370.51
Gutter opening	3.70	370.38

373.08

73

L on Paring	2.82	370.26
S Gutter "	2.70	370.38
S Top Cb	2.55	370.53

2181.68 - E. Carb Line of Utah

S on Paring	3.04	370.04
L " "	3.10	369.98
H " "	3.11	369.92

TP	4.18	372.48	4.78	368.30
----	------	--------	------	--------

BM	5.63	366.79
----	------	--------

SFBP
Meads +
Kansol
366.78

Cross Section Alley Between Cape May
And Brighton From Guizot to Froude

Indexed
c.s.R.

10-11-34
Moore
Sisson
Northern

74

BM 11.09 118.49 107.40
S.F.B.P.
Brighton
Guizot

0-12-11 Gutter Guizot

Froude St.

S 27.84 2.37 116.12

L " " 3.05 115.44

H " " 3.68 114.81

0+0 = W.L.

H Top Ch 2.91 115.58

Gutter on Pav 2.94 115.55

L " " 2.90 115.59

S Gutter " 2.87 116.22

Top Ch 1.68 116.81

0+10

S 1.8 116.7

L 2.6 115.9

H 2.9 115.8

0+32

-3 Fly Garage Corridor 5.65 112.84

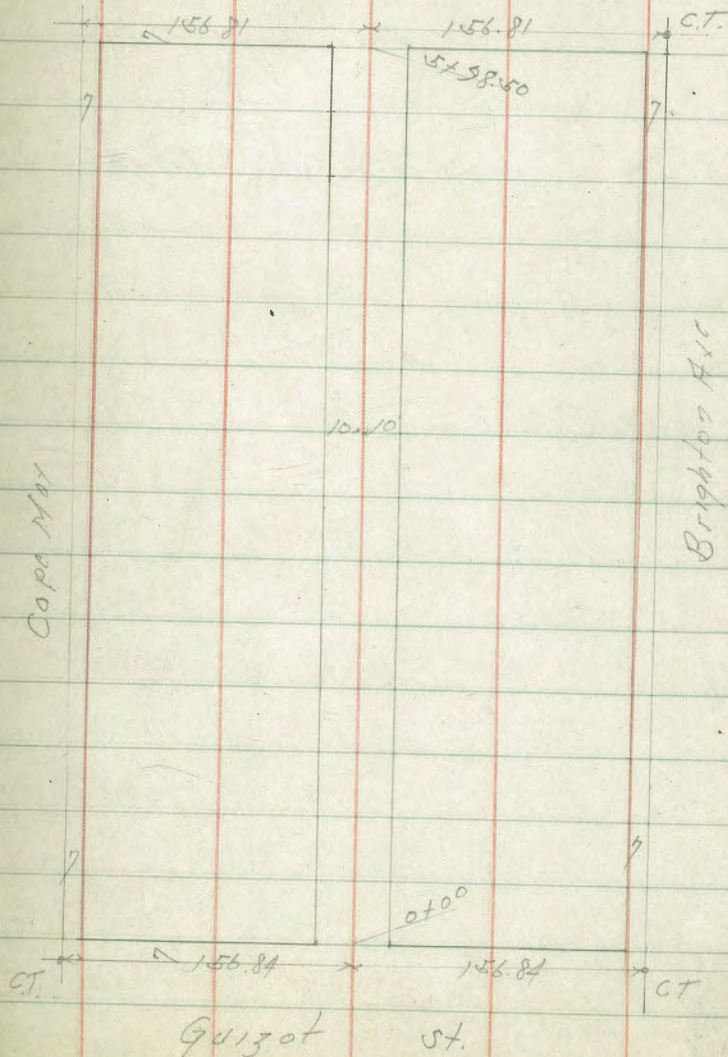
-2.5 Conc. Apron 5.71 112.78

H 5.5 113.0

Plotted Grade on Winter 22

Cape May

Brighton Ave



118.29

8	4.2	114.3
5	3.0	115.5
0+45		
21 S of SL = Garage just Floor 1.5		116.6
0+49		
5	3.7	114.8
+4	5.0	113.5
8	5.6	112.9
H	6.0	112.5
+2.5 = Conc Appro	5.71	112.71
+3 = 1/4 Do Garage Conc Floor	5.14	112.85
0+75		
H	10.2	108.3
8	9.8	108.7
+6	9.7	108.8
5	8.7	109.8
1+0		
5	13.3	105.2
8	13.8	104.7
+7	14.1	104.4
H	12.2	105.3

118.49

75

TP	0.86	106.31	13.04	105.45
1+30				
-10 = Fly Do Garage Conc Floor	6.20			100.11
H = Edge Conc Appro	5.82			100.49
8	5.2			101.1
+6	4.6			101.7
5	3.6			102.7
1+48				
5	5.8			100.5
+4	6.5			99.8
8	6.8			99.5
H = Edge Conc Appro	6.45			99.86
+10 = 1/4 Do Garage Conc Floor	5.15			100.16
1+75				
H	8.9			97.4
8	9.1			97.2
+5	8.9			97.4
5	7.3			99.0
2+02				
13 S of S.L. = Garage	9.3			97.0
Just Floor				

106.31

S		10.5	95.8
Z		11.4	94.9
H		11.4	94.9
TP	0.14	93.61	93.47
	2+42		
H		11	92.5
Z		11	92.5
S		0.3	93.3
+12.5 = $\frac{1}{2}$ Garage Dirt Floor	+0.5		94.1
	2+54		
S		11	92.5
Z		2.0	91.6
H		2.2	91.4
+48 = $\frac{1}{2}$ Garage Conc Floor	2.20		91.41
	2+61		
H		2.5	91.1
Z		2.5	91.1
S		1.5	92.1
+12 = $\frac{1}{2}$ Garage Dirt Floor	0.3		93.41

98.61

76

	2+68		
S		1.8	91.8
Z		2.9	90.7
H		3.1	90.5
+46 = $\frac{1}{2}$ Garage Dirt Floor	3.1		90.5
	2+98.9		
Z = M.H. 25 Rim	3.97		89.64
	3+0		
H		4.4	89.2
Z		4.0	89.6
S		3.0	90.6
	3+15		
S		3.4	90.2
+6		4.8	88.8
Z		5.0	88.6
H		5.3	88.3
+6 = $\frac{1}{2}$ Garage Conc Floor	5.60		88.01
	3+40		
-5 = $\frac{1}{2}$ Garage Dirt Floor	6.95		86.66
H		6.7	86.9

93.61

5	6.2	87.3
+5	6.0	87.6
S	5.2	88.4
+8.5 - Garage Dirt Floor	4.4	89.2
3+75		
S	6.2	87.3
+5	7.6	86.0
5	7.9	85.7
H	7.8	85.8
4+9		
H	8.7	84.9
5	8.9	84.7
+7	8.8	84.8
S	8.2	85.4
4+12.2		
S	9.6	84.0
5	10.0	83.6
H	10.5	83.1
+9' - Garage Dirt Floor	10.6	83.0

93.61

77

4+6.0		
H	11.4	82.2
5	10.8	82.8
+6	11.0	82.6
S	10.0	83.6
5+1.0		
S	13.3	80.3
+5	13.9	79.7
5	13.7	79.9
H	13.9	79.7
TP	0.59 81.45	12.75 80.86
5+1.3		
H	6.2	75.3
5	6.0	75.5
S - Garage Reg	6.2	75.3
5+7.5		
S	7.1	74.4
+4	8.0	73.5
+5	9.8	71.7
5	10.0	71.5

	81.45		
+5		10.2	71.2
+6		9.2	72.3
H		8.7	72.8
	54.95		
H		9.8	71.7
+4		11.9	69.6
$\frac{1}{2}$		12.1	69.4
+5		11.7	69.8
S		10.2	71.3
	54.985 = F. L. Fraude		
S Top Cb		11.62	69.83
Gutter on Pav 199		12.12	69.32
$\frac{1}{2}$ " "		12.84	68.61
H Gutter " "		12.86	68.59
Top Cb		12.68	68.77
TP	6.44	75.31	12.58
			68.87
	67.10.5 = F. Gutter Fraude		
H on Pav 199		7.37	67.94
$\frac{1}{2}$ " "		6.95	68.36
S " "		6.33	68.98

		75.31			78
TP	12.68	81.55	6.44	68.87	
TP	12.59	92.44	0.70	80.85	
TP	13.04	106.48	0.0	93.44	
TP	12.43	117.85	1.06	105.42	
BM			10.47	107.38	SFBP Brighton + Gulzel 107.40
BM	0.27	107.67		107.40	SFBP Brighton + Gulzel
TP	0.03	94.74	12.96	94.71	
BM			3.23	91.51	SE 7' CT Long Branch Gulzel 91.43
TP	0.08	82.43	12.39	82.35	
TP	0.83	70.49	12.77	69.66	
TP	2.40	59.85	13.04	57.45	
TP	8.22	65.05	3.02	56.83	
BM			5.63	59.42	NW B.P. Brighton + Fraude 59.52
			2.41	62.64	SW Top Hall 61.67

41.64
~~2.78~~
38.86

9

32
P
A
S
T
U
V
W
Y

Uma St + East
Mudal Poulth Co. SW in street

Vesta St. Ch in NE. to be removed
" " SE " " "

SW no ch.

NW " ch.

n side 1/2 BK
all ranges

FH. on Main at SE Cor. Vesta

Woden Ch in 4 corners to be removed

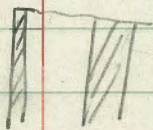
E + F Fwd Cr. E of Woden S side 55-100'

SW in -

FH. on Main SW Cor.

Woden 100' E
all side. Pumps

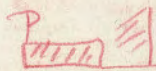
Durson Ch + SW in -



Main St.

Ch + SW in at SE Cor Jund -

NSE Cor



M. L. Paine

Regel open on N. Side -

Shaw St. Service Sta on SW Cor
SW in
Ch is out for 50' no set out to be taken
out
st. curb on SE Cor also FH on

Main + John SE Cor

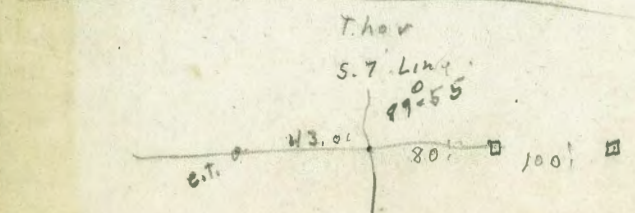
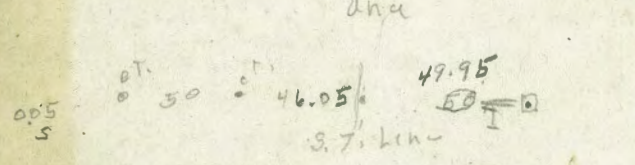
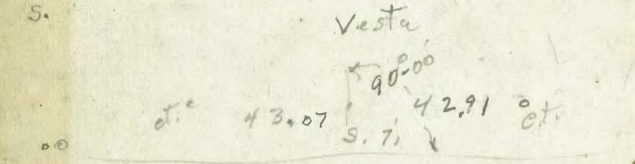
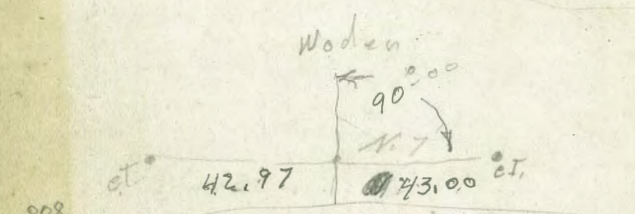
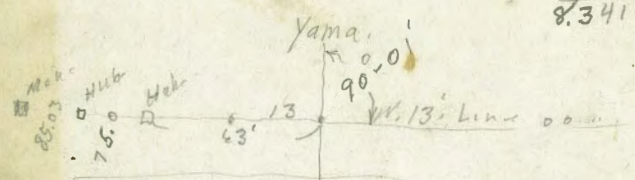
No curb N. S side Thru

Uma St.

FH. on Uma SE Cor
Ext ch to be removed
no Ch on SW Cor.

N. Side -
Exty Ch to be removed NSE Cor
no Ch on NW Cor? check this
it is correct with dist.

3800.
 57.34 Division
 65.40
 100.14
 1.1916
 13 | 15.49
 13
 24
 119
 117
 203
 13
 70
 74
 1.1916
 7
 8.3412



32
 28.9
 29
 32
 168.03
 75.03
 85.25
 18.75
 4.25
 7.75
 6+75.5
 49.2
 45
 4.7

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
 S. 31.
 ROADWAY 14 FEET WIDE. SIDE SLOPES 1 1/2 TO 1.
 FOR SINGLE TRACK EMBANKMENT.

	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.