

Book # 43 - Dr # 8

X

Maintenance
~~ROADMAP SURVEY~~

EAST AVE

FROM
MINNEHAHA ST.
TO

BEAVER LAKE

Road ~~a/c No 4~~ 75

File No ~~16~~

13

Office of Ramsey Co. Engineer
ST. PAUL, MINN.

9-8-26

Date Filed

~~16~~ "13"

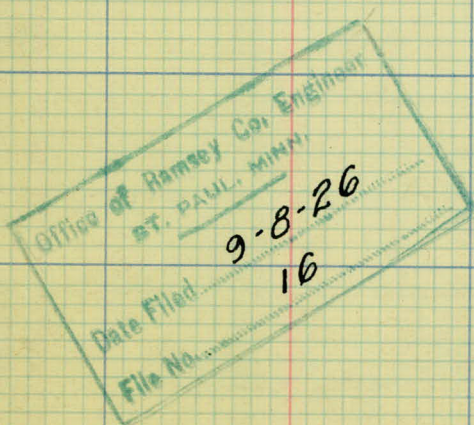
File No

~~E~~ Weber Sept. 1-26

Topog.

Survey East Ave
From Minnehaha St.
To Beaver Lake. No

Rec. - 9-7-26



3+30 = E Reaney St.

0+00. E Minnehaha St. Mont.

Hyd. 3+47.5 @ 33'

& Peaney St.

T.P. 3+07.0 @ 24'

Woods

8" (2+98 @ 24'

8" (2+96 @ 24'

B.Oaks 12" (2+88 @ 27'

4" (2+76 @ 27'

6" (2+67 @ 28'

2+96 Rt. Drive

10" (2+47 @ 35'

B.Oaks 8" (2+40 @ 22'

10" (2+26 @ 28'

Woods

T.P. 1+70 @ 23.5'

1+62 Alley

Woods

Cultivated

6' Sidewalk 0+24.5

T.P. 0+22

Hyd. 0+20

Sign Post 0+18.5-24' →

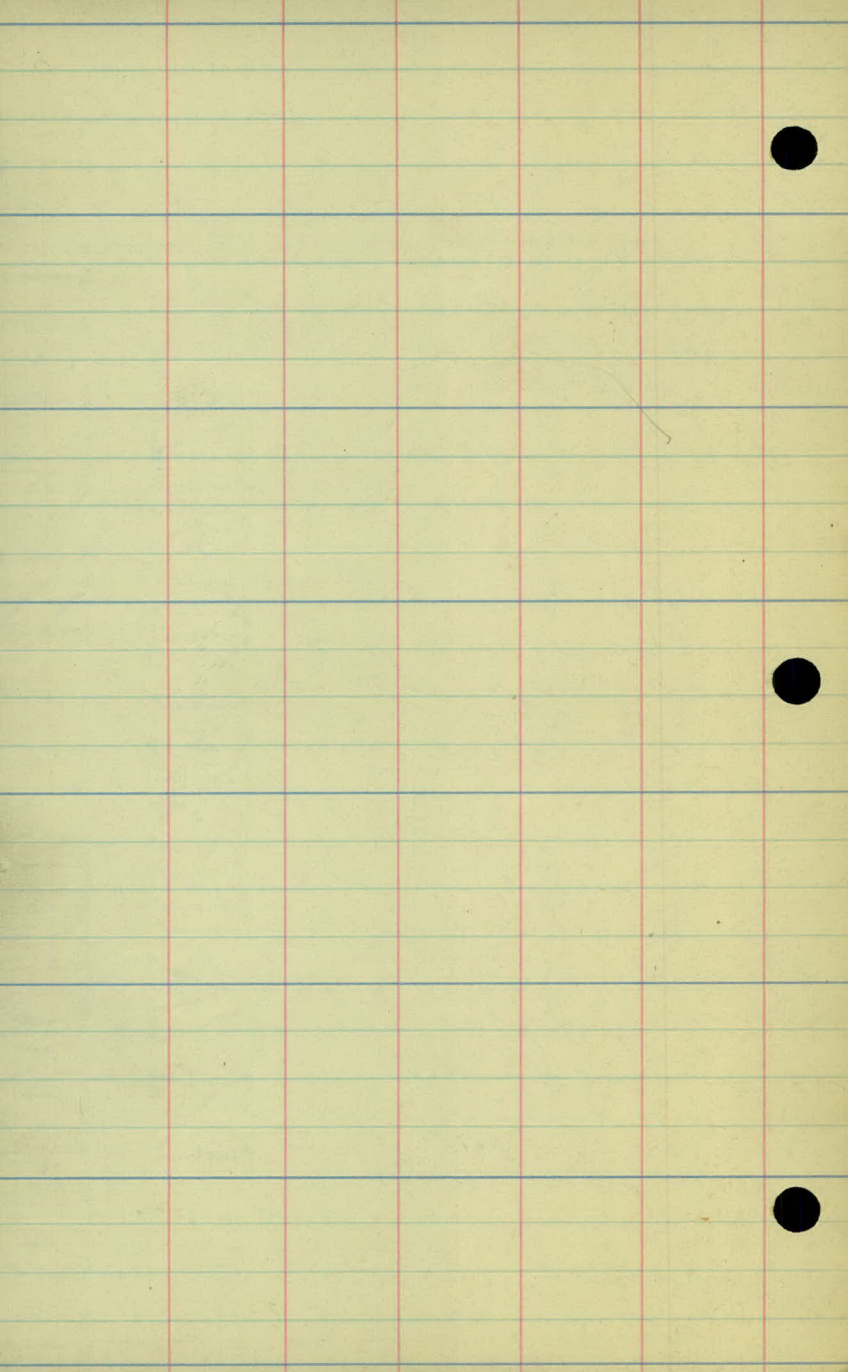
Sec. 25 T. 21 R. 23 E.

24' L 0+63 Sign.

28' @ 43.6 0+48 T.P.

Stillwater
Cut off.

End of Pavement.



31'
 13+26 End. Fence.
 13+20 Pk. Drive
 11' = 12+83 Mail Bx.
 21' @ 12+57 T.P.
 29' * * * 11+56 Beg. Fence
 21' @ 11+07 T.P.
 10+72 Pk. Drive
 8.5 = 10+50.5 Mail Bx.

T.P. 11+55

@ 28.5

Cultivated

T.P. 11+55 @ 28.5

T.P. 10+42 @ 28'

T.P. 9+07 @ 25.5L

T.P. 7+68 @ 24'

T.P. 6+38 @ 22'

6" Oak 6+12 @ 17'

Woods

T.P. 5+00 @ 24'

Twin Oak 6" 4+55 @ 25'

12" { 4+29 @ 24'

Oaks 8" { 4+20 @ 23'

6" { 4+19 @ 27'

T.P. 4+11 @ 25'

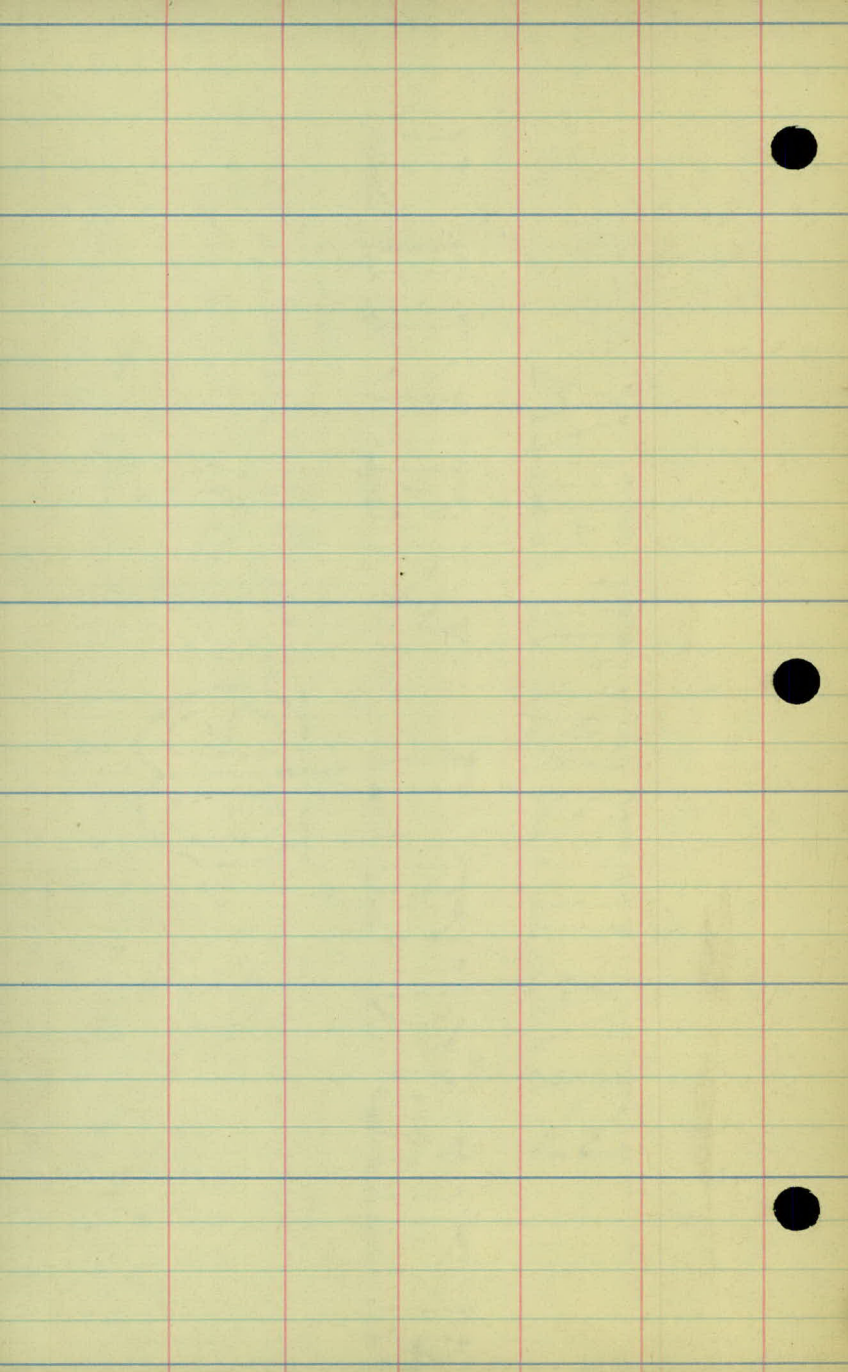
8" Oak 4+05 @ 28L

6" Oak 4+00 @ 24'

Apple Orchard
 Sta. 11 to 12+50
 Cultivated

13' @ 5+01 Guy Pole

4+86 Pk. Drive



±

25+00

11.5' 14.5'

25+00

T.P. 24+08

18' 10' 16'

24+00

8' 0"

23+79 = 10" Twin Oak

T.P. 22+67.5

16' 2"

Fence. 22+00

8.5' 26'

T.P. 21+50

14' 2" 21.5'

C.I.P. 18" x 20' 21+25

Fence 21+00

7' 2" 25'

Beq. Fence 20+47

8.5'

Hyd. 20+23

12' 2"

T.P. 20+19

±

2 Mail Bxs 20+18

3' 2"

Stillwater Road

20+11 = No. Edge Pav.

So. Edge 19+85 Pav.

Twp. Cottonwood 19+83 16' 2"

Oak 6" 19+72 - 26' 2"

Small Trees 19+60 11' 2"

36'

20+10 = Beq. Fence.

30'

20+07 Hd. wall. 1' x 4'

15" Conc. Culvert.

32'

19+55 Hd. wall

Headwall = 1' x 4' x 6'

22' 0"

19+43 T.P.

22' 0"

18+22 T.P.

21' 0"

16+79 T.P.

14" B.E. 16+24

13' 2"

22' 0"

15+35 T.P.

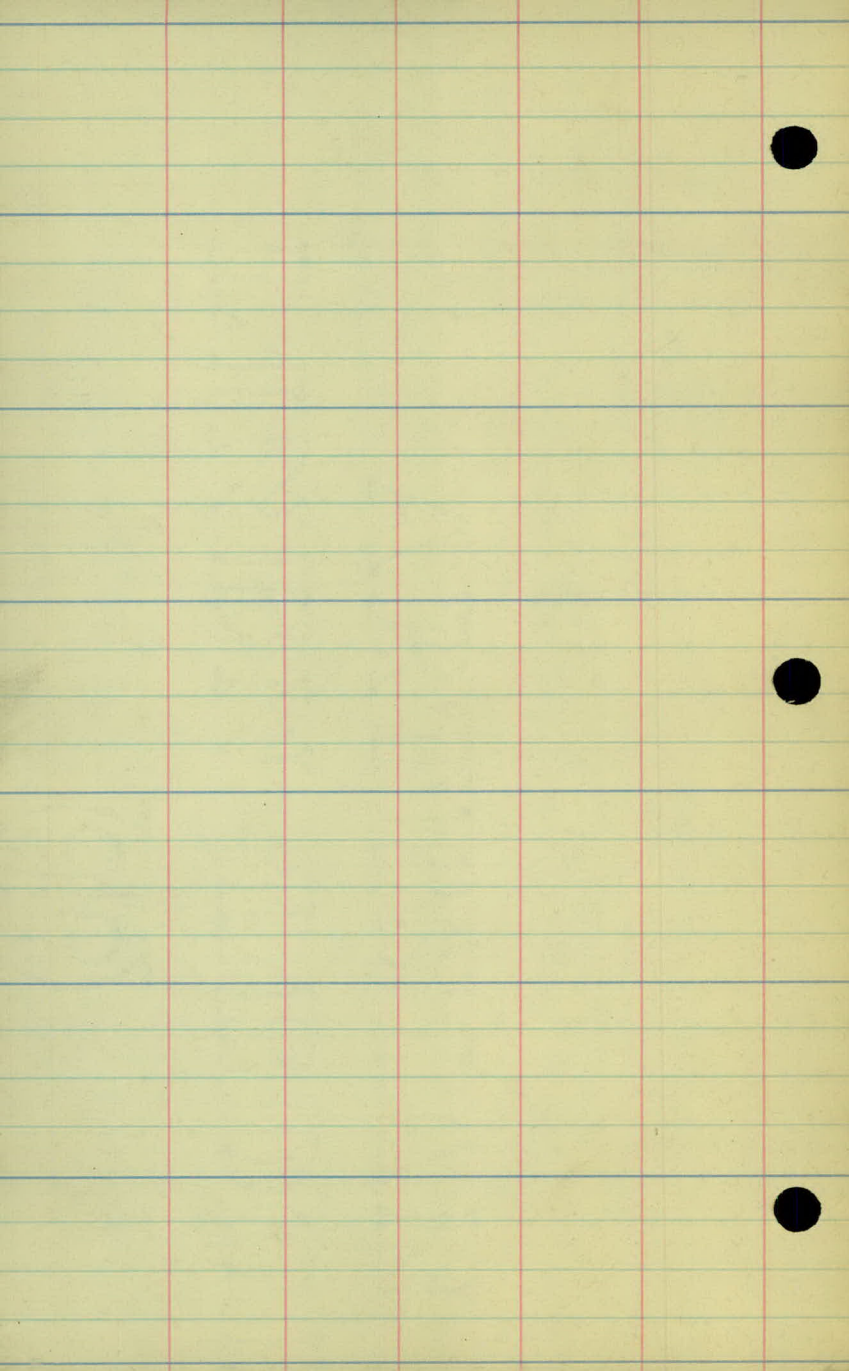
22' 0"

13+96 T.P.

23' 0"

13+30 Beq. F.

PASTURE



E

Mont 26+40.07

11' 16.5"

26+00

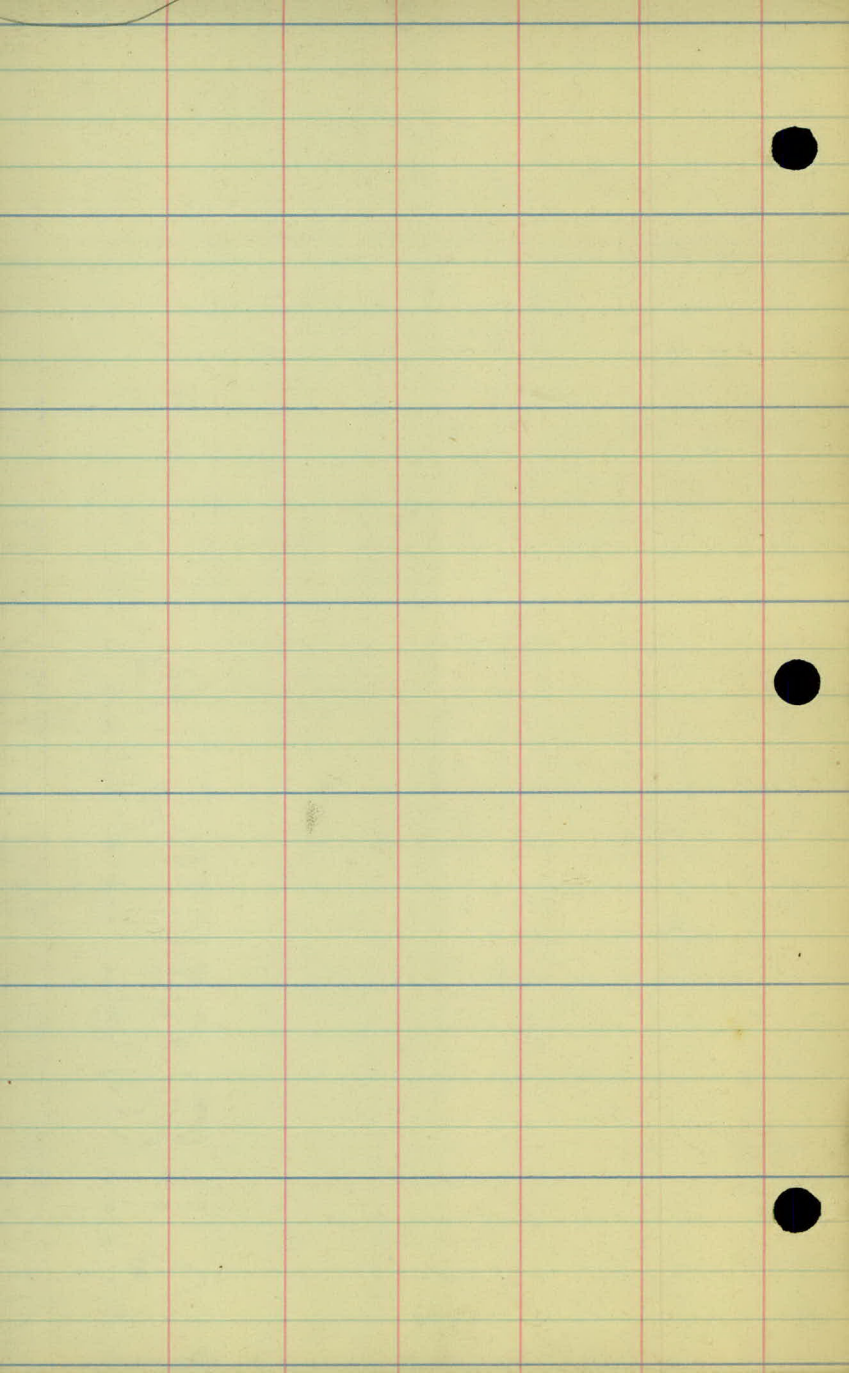
11' 15"

Pasture

Pasture

T.P. 25+37

0 25'



$\neq$ Levels & XSec.

East Ave R/W = 60-66-or.?

Sta.	+	H.I.	-	Rod	Elev.
B.M.	9.21	109.21			100
T.P.	12.30	120.60	0.91		108.30
T.P.	12.42	132.10	0.92		119.68
T.P.	8.93	139.72	1.31		130.79
T.P.	5.17	142.89	2.0		137.72
T.P.	0.60	137.42	6.07		136.82
B.M.			7.65		129.77
Sta.		137.42	9.83		127.59
0+00					127.59
+30					127.72
+80					129.62
1+00					131.72
+70					133.82
T.P.	5.1	141.92	0.60		136.82
2+00					134.42
+50.					135.22
+93					135.92
3+00					135.32

Lt £ Pt.

Lt Sta 17+00 4'

14+20

11+75

Rock Pt. Sta 8+00 12'

Rock Lt Sta 2+00 12'

Top Hyd N.W. cor Minnehaha & East Ave.

Top Mont. Minnehaha & East Ave.

$$\frac{12.6}{100} \quad \frac{11.2}{50} \quad 9.83 \quad \frac{8.5}{50} \quad \frac{7.1}{100}$$

$$\frac{10.0}{30} \quad \frac{10.0}{27} \quad \frac{10.0}{10} \quad 9.7 \quad \frac{9.6}{10} \quad \frac{9.5}{21} \quad \frac{9.0}{30}$$

$$\frac{4.7}{30} \quad \frac{5.2}{23} \quad \frac{6.8}{17} \quad \frac{7.0}{13} \quad \frac{8.2}{12} \quad 7.8 \quad \frac{7.9}{5} \quad \frac{6.6}{6} \quad \frac{6.0}{11} \quad \frac{3.7}{14} \quad \frac{4.7}{30}$$

$$\frac{2.6}{30} \quad \frac{1.8}{14} \quad \frac{5.0}{11} \quad \frac{5.4}{6} \quad \frac{6.8}{5} \quad 6.7 \quad \frac{6.7}{13} \quad \frac{4.8}{19} \quad \frac{4.1}{30}$$

$$\frac{3.1}{30} \quad \frac{2.6}{26} \quad \frac{3.4}{18} \quad \frac{4.2}{12} \quad 3.6 \quad \frac{4.0}{5} \quad \frac{3.2}{8} \quad \frac{138.6 = \text{Elev.}}{+1.2} \quad \frac{1.2}{14} \quad \frac{0.2}{30}$$

$$\frac{8.0}{30} \quad \frac{7.4}{11} \quad \frac{7.5}{10} \quad \frac{7.1}{10} \quad \frac{4.5}{14} \quad \frac{5.4}{30}$$

$$\frac{8.5}{30} \quad \frac{8.0}{15} \quad 6.7 \quad \frac{6.5}{20} \quad \frac{6.5}{30}$$

$$\frac{6.4}{30} \quad \frac{6.8}{25} \quad \frac{6.7}{12} \quad 6.0 \quad \frac{6.4}{14} \quad \frac{6.2}{30}$$

$$\frac{7.3}{30} \quad \frac{6.9}{15} \quad 6.6 \quad \frac{6.4}{15} \quad \frac{6.4}{30}$$

	+	HI	-	Elev
Sta	31	141.92		
3+60				135.92
+68				136.22
4+00				136.92
+50				137.92
5+00				138.12
+50				137.82
6+00				137.52
+50				137.12
7+00.				136.82
T.P.	2.03	139.15	4.20	137.72
+50				136.95
8+00				136.05

L. £ R

$\frac{7.0}{30}$ $\frac{6.9}{18}$ 6.0 $\frac{6.0}{18}$ $\frac{5.2}{30}$

$\frac{2.7}{30}$ $\frac{2.9}{22}$ $\frac{6.6}{16}$ 5.7 $\frac{5.9}{14}$ $\frac{4.6}{30}$

$\frac{1.7}{30}$ $\frac{2.0}{22}$ $\frac{5.1}{16}$ 5.0 $\frac{5.2}{17}$ $\frac{4.1}{18}$ $\frac{4.1}{30}$

$\frac{2.0}{30}$ $\frac{2.5}{16}$ $\frac{4.0}{11}$ 4.0 $\frac{4.2}{7}$ $\frac{3.5}{8}$ $\frac{3.0}{30}$

$\frac{1.1}{30}$ $\frac{2.4}{12}$ $\frac{4.0}{10}$ 3.8 $\frac{3.3}{9}$ $\frac{2.8}{15}$ $\frac{3.0}{30}$

$\frac{4.5}{30}$ $\frac{5.0}{15}$ 4.1 $\frac{4.0}{17}$ $\frac{4.2}{30}$

$\frac{5.8}{30}$ $\frac{5.8}{17}$ $\frac{5.0}{10}$ 4.4 $\frac{4.4}{12}$ $\frac{4.4}{30}$

$\frac{5.0}{30}$ $\frac{5.3}{25}$ $\frac{4.3}{23}$ $\frac{4.2}{13}$ $\frac{5.1}{7}$ 4.8 $\frac{5.0}{5}$ $\frac{4.2}{6}$ $\frac{2.1}{30}$

$\frac{4.3}{30}$ $\frac{4.0}{14}$ $\frac{5.3}{12}$ 5.1 $\frac{4.6}{8}$ $\frac{3.0}{30}$

$\frac{2.3}{30}$ $\frac{2.4}{14}$ $\frac{3.5}{12}$ 3.3 $\frac{3.1}{10}$ $\frac{2.7}{30}$

$\frac{3.1}{30}$ $\frac{3.2}{8}$ 3.7 $\frac{3.8}{12}$ $\frac{2.2}{20}$ $\frac{2.8}{21}$ $\frac{2.6}{30}$

+ H.I. -
2.03 139.75 4.20

Elev

8+50

135.75

9+00

135.35

134.85

10+00

134.35

+50

133.85

T.P.

4.17 134.95 8.97

130.78

11+00

133.15

+50

131.55

12+00

129.95

+50

127.85

13+00

125.35

+50

122.65

T.P.

1.71 124.19 12.47

122.48

L. E R.

29 31 40 4.0 4.3 3.6 3.2
30 17 11 3 10 30

33 3.5 4.5 4.4 3.7 2.9
30 17 11 8 30

5.9 5.4 4.9 4.9 4.4 4.3
30 12 5 9 30

7.0 5.8 5.4 5.2 4.8
30 11 9 30

7.2 6.4 5.9 5.6 4.7
30 12 9 30

33 31 2.3 1.8 1.4 0.3
30 17 9 12 30

3.3 3.1 3.8 3.4 3.2 1.7 1.7 1.0 1.0
30 13 11 10 14 20 23 30

4.4 4.0 3.7 5.4 5.0 5.2 2.6 2.6 2.0 1.9
30 19 12 9 9 15 21 22 30

5.6 5.4 6.0 7.5 7.1 7.0 5.2 5.0 3.8 3.8
30 18 11 7 9 12 21 25 30

8.6 8.0 8.0 8.9 10.0 9.6 9.6 8.0 8.1 6.4 6.0
30 23 16 11 9 7 14 23 27 30

11.8 11.3 11.1 13.0 12.5 12.3 12.9 11.4 12.0 12.0 9.6 9.6
30 21 14 11 7 10 11 19 21 24 30

Sta.	+ H.I. -	Elev
	124.19	
14+00		120.39
+50		118.49
15+00		115.99
+50		113.89
T.P.	1.25 113.37 12.07	112.12
16+00		111.37
+50		109.57
17+00		108.27
+50		106.17
18+00		103.27
+50		100.97
T.P.	5.16 106.12 12.41	100.96
19+00		99.22
+50		98.02

3.5 2.8 3.2 4.2 3.8 4.0 4.5 2.9 3.0 0.8 0.8
30 19 14 13 5 10 11 17 19 30

4.4 3.9 5.2 6.8 6.8 6.0 5.7 6.0 6.0 5.1 4.5 4.5
30 18 12 11 10 6 6 9 10 20 30

6.0 5.4 7.7 9.0 8.2 8.6 4.8 4.8 5.0
30 17 13 12 8 16 27 30

8.5 7.6 10.1 10.3 10.6 10.6 9.3 9.4 9.6
30 20 14 5 11 16 24 30

3.6 2.9 2.6 2.2 2.0 2.3 3.3 4.9 5.1 5.5
30 25 15 13 6 11 14 17 30

5.9 5.4 6.0 4.0 3.8 4.2 5.8 5.7
30 18 14 11 10 14 30

6.6 6.3 5.5 5.1 5.3 5.9 5.3 5.0
30 19 12 8 16 19 30

6.9 6.3 6.9 8.1 7.5 7.2 7.1 7.3 5.8 6.0
30 20 12 9 6 10.1 8 14 19 30

6.5 5.8 9.7 10.1 9.5 7.0 7.5
30 18 11 20 25 30

8.5 8.0 8.5 11.9 12.4 12.2 11.1 11.2 12.2
30 22 17 11 18 20 24 30

6.9 6.6 6.9 7.1 8.1 8.3 9.1
30 13 12 20 23 30

9.0 8.6 8.1 8.2 10.0 10.1 10.0 11.0
30 14 13 16 27 30

Bottom Culvert.

Sta.	+	H.I.	-	Elev.
		106.12		
19+60				98.02
20+00				98.19
B.M.			6.14	99.98
+14				97.72
	3.77	103.77		
+50				
21+15				
+50				
22+06				
+50				
23+15				
+50				
T.P.	12.47	115.85	0.39	103.38
24+00				

L E R

9.0	8.6	8.1	8.4	7.8	7.7
30	6		8	26	30

Stillwater Pave.

8.7	7.93	7.4	7.6
30		26	30

8.9	8.4	8.3	11.4	13.0
30		19	23	30

14.0	12.3	8.5	8.6	11.3	11.3	8.9
30	6		17	21	26	30

16.2	15.7	11.6	11.6	13.6	13.4
30	9		11	22	30

16.7	14.4	12.0	11.5	12.1	10.2
30	7		12	18	30

13.0	12.4	8.7	8.4	8.1	9.0	9.0	3.5	3.1
30	20	6		6	9	11	18	30

11.5	9.6	4.5	5.6	5.3	5.4	6.2	6.2	9.1	Flex
30	23	7	4		7	9	11	16	105.07
									30

10.0	6.7	4.9	4.3	3.3	2.7
30	13	4		15	30

6.7	4.8	3.0	2.7	2.7	1.5	0.3
30	20	6		8	10	30

13.0	11.3	10.6	10.5	9.1	7.8
30	8		7	9	30

+

H.I.

-

Elev.

24+50

115.85

25+00

+50

26+00

B.M.

Top Mont.

6.16

109.69

+50

27+00

+50

T.P.

11.72

28+00

+50

29+00

+50

30+00

+40

Beaver Lake

8.6	7.6	7.0	6.6	5.4	4.6	4.6
30	14		7	9	20	30

5.4	4.5	4.3	4.2	3.9		3.6
30	20	8		12		30

5.0	4.1	4.8	4.6		4.2
30	9		12		30

6.8	6.4	6.3	6.3	6.5		6.2
30	24	7		12		30

7.7	7.0	6.4	6.2	<u>6.3</u>		6.2
30	20	9		12		30

9.8	8.6	7.6	7.6	7.2
30	10		13	30

	11.3	10.6	9.6	9.4	8.4
Book @ Sta 28	30	20		22	30

