

Book-2- Dr. 12

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey Survey

HAMMOND RD.

From Centerville Rd. To Otter Lake Rd.

Road Acc't. No. W 33

Date Filed 1926

File _____

6-17-26

Alignment Co. H. N 58
Between
Centerville Road
And
Otter Lake Road

St. 4/9/26 End 6/14/26.

Sta Point Lt Rt

26+51 Mont 0°03'

15+00 P.O.T.

17+35¹⁵ P.O.T.

0+00

589042'E.

4/29/26
 J. C. K. P.
 S. A. L. W. R. T.
 F. R. I. T. Z.
 M. E. S. E. N. B. O. U. R. G.

S. E. Cor. Sec. 9.

23.63

F. P. Cor

36.62 F.P.

R.R. Spike

Nail in Hub

Nail in Hub

Nail in Hub

Nail in Hub

Nail in Hub

Nail in Hub

R.R. Spike

Nail in Hub

Nail in Hub

Mont. & Centerville Road
 & Co. Rd. H 1/4 Cor. Sec 9
 30-22

Center Sec 9

Mont. & Centerville Rd

79.50

79.0-10'

58.45

F.P.

F.P.

52+68³

Mont End of Proj
Otter Lake Rd & Co. Rd. H.

33+00 POT

589045'-E

6/10/26
 Sen Kup
 Skelton
 Fritz
 McComb

Mont on Otter Lake Rd

Center
 Sec 10

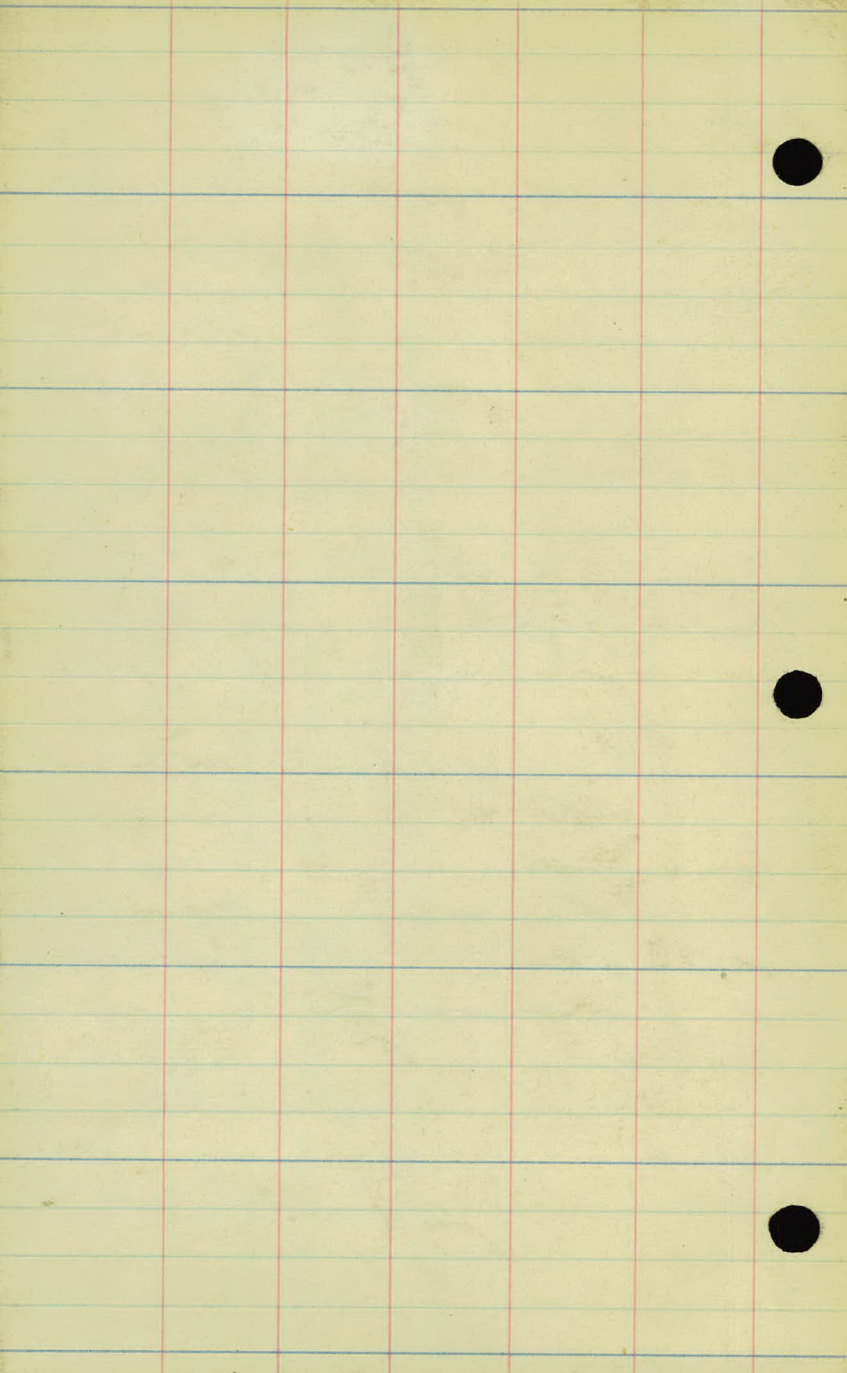
Nail in Fence Cor.

Mont 5 1/4 Cor Sec 10.

Nail in
 Fence Cor.

15-68





4/10/26

Topography
Co Rd. H. No 58

W-33

6+00

5+00

4+00

3+00

2+00

1+00

0+00

4/10/26
 Jockup
 Skolguin
 Fritz
 McCombary

46'

Tel. Line. 46'

+80TP 50'

+95 X Tel Line
 +95TP. 50'

+36 End Rasp Bush 10' Raspberries
 Patch. 46'

Regt 98 Rasp Bush 10' Potato
 Patch.

59' E. Current B. 15'

Regt 38 Current Bush. 15' Current
 Bushes

ALFALFA FIELD

7' 6"

7' 8"

Cultivated

CENTERVILLE ROAD

13+00

12+00

11+00

10+00

9+00

8+00

7+00

+25

Farm Ent Rt.

6+00

Hay Meadow

Cultivated

Hay Meadow

Hay Meadow

+52 B. Hay Meadow

E.E. +25

20+00

19+00

18+00

17+00

16+00

15+00

14+00

13+00

+70 Δ Fence 215'

Fence 245'

F-23

F-24

F-23

F-22.8

F-21'

+34 Bog Fence & F. Cor. 205'

Cultivated

Cultivated Field

27+00
+55

Farm Ent Rt

26+00

25+00

24+00

23+00

Farm Ent Rt.

23+00

156

X Drain 12" X 16' CM

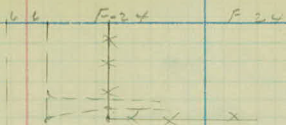
22+00

21+00

20+00

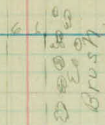
Meadow

+31 End Cvl.



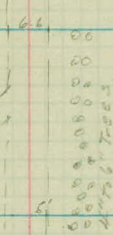
+51 Beg Fence 24'

Cultivated



End+56 Plum Trees 165'
Beg+35 Plum Trees 165'

Plum Bushes

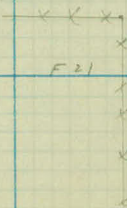


+100 End Trees 165'

Garden

Farm yard

+32 B Farm Yard
+32 End Fence 21'



F-21 8 6

+14 Beg Trees 165'

34+00

33+00

+20

Farm Ent Rt

32+00

+

+05

Cross Drain 12" X 28

31+00

30+00

29+00

28+00

27+00

F 24 88 F-26

x

x

x

x

F-25 88

x

x

x

x

F-26 88

x

x

x

+53 Fence Cor 26

x x x

$\frac{16 \ 12}{9.5} F \ 24$

FE + 24

F-26

x

x

x

x

Pol Hole

x

x

x

9.5 F 24

x

x

x

x

88 F 24

x

x

x

x

10 1 F 24

x

x

x

x

Meadow

Meadow

Cultivated

+15 Tree 36

0

41+00

40+00

39+00

38+00

+71

X Drain 12" x 31 V.P

+37

Form Ent Lt.

37+00

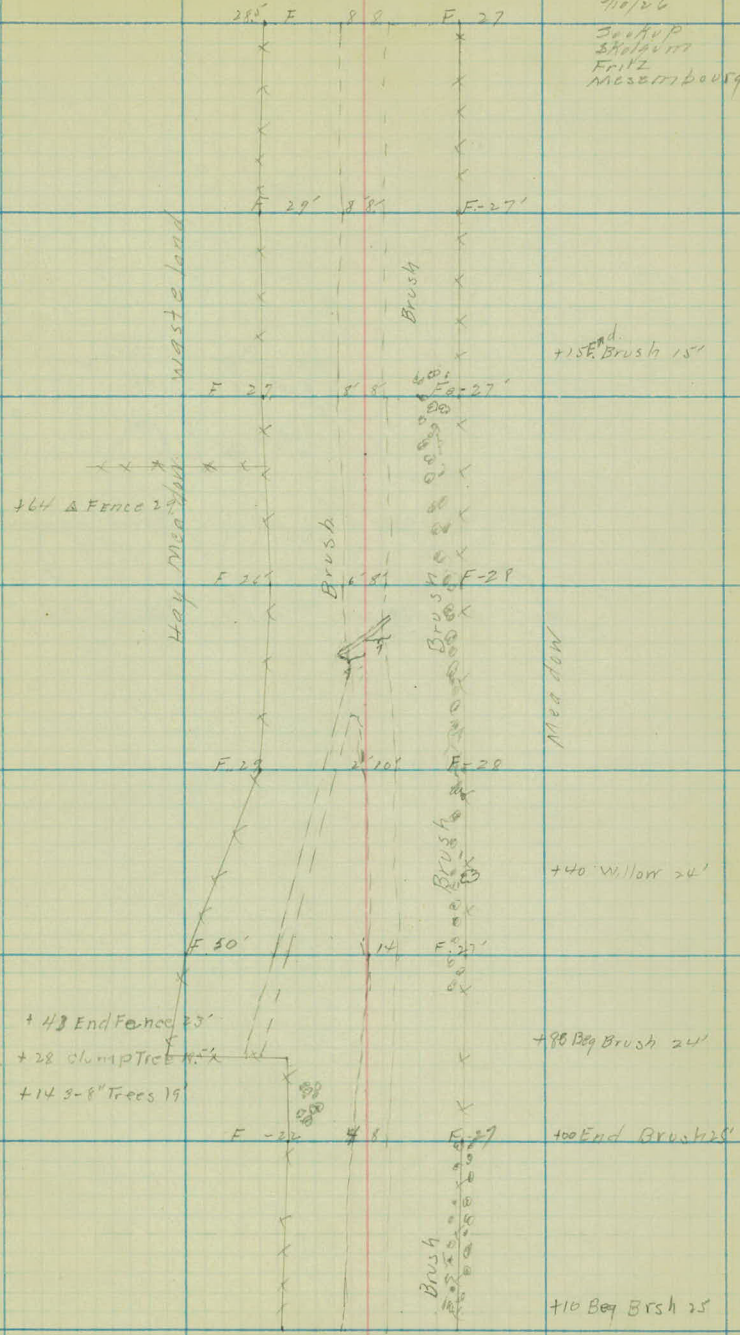
36+00

35+00

34+00

6/10/26

3000 ft
5000 ft
Fritz
McGibbin 2059



48+00

47+00

46+00

45+00

44+00

43+00

+95

Facld Ent Rt

42+00

41+00

+81 Bag Potatoe
Patch 12'

+81 Bag Cul.

+12 D Fence 6x8.5'

Cultivated

Potato Patch

F 8.5'

F 9

F 9

+09 Fence 11x
+04 Fence 2x

F25

Wasteland

F28

41+00 End Brush

4.10

4.10

4.10

4.10

4.10

4.5

8.1

Brush
0.0002 = 0.0002

F 28'

F 28'

F 28.5'

F 28

F 27

F27

F 27

End Brush 11

Cultivated

+75

8780.5 Sq. Yds.

53+00

+ 68³

End Proj. & Otter Lake Road

52+00

+ 60

Farm Ent Lt.

51+00

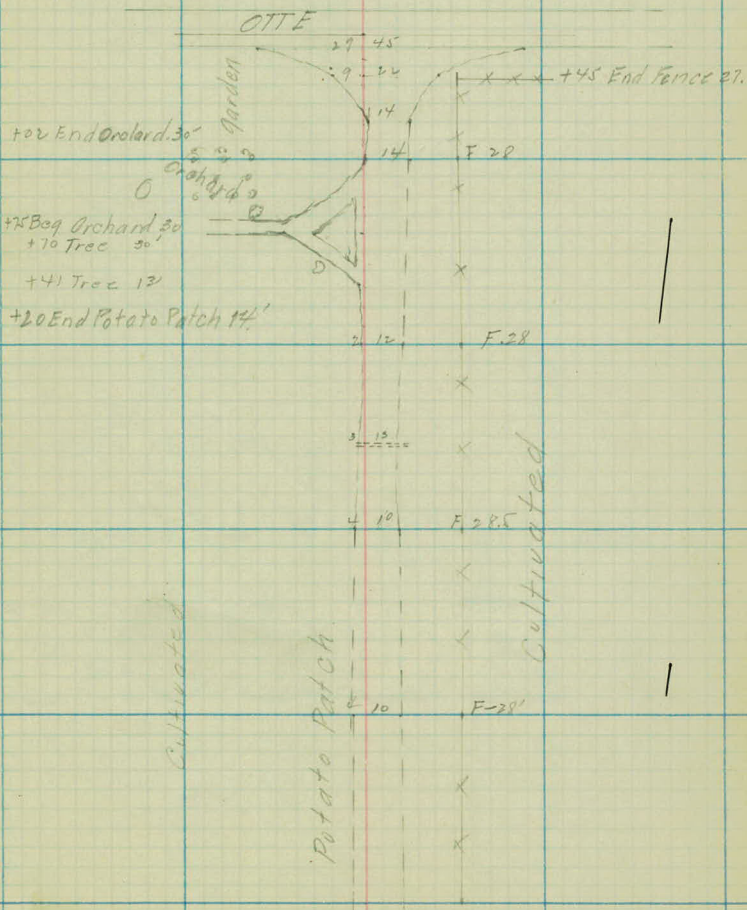
+ 47

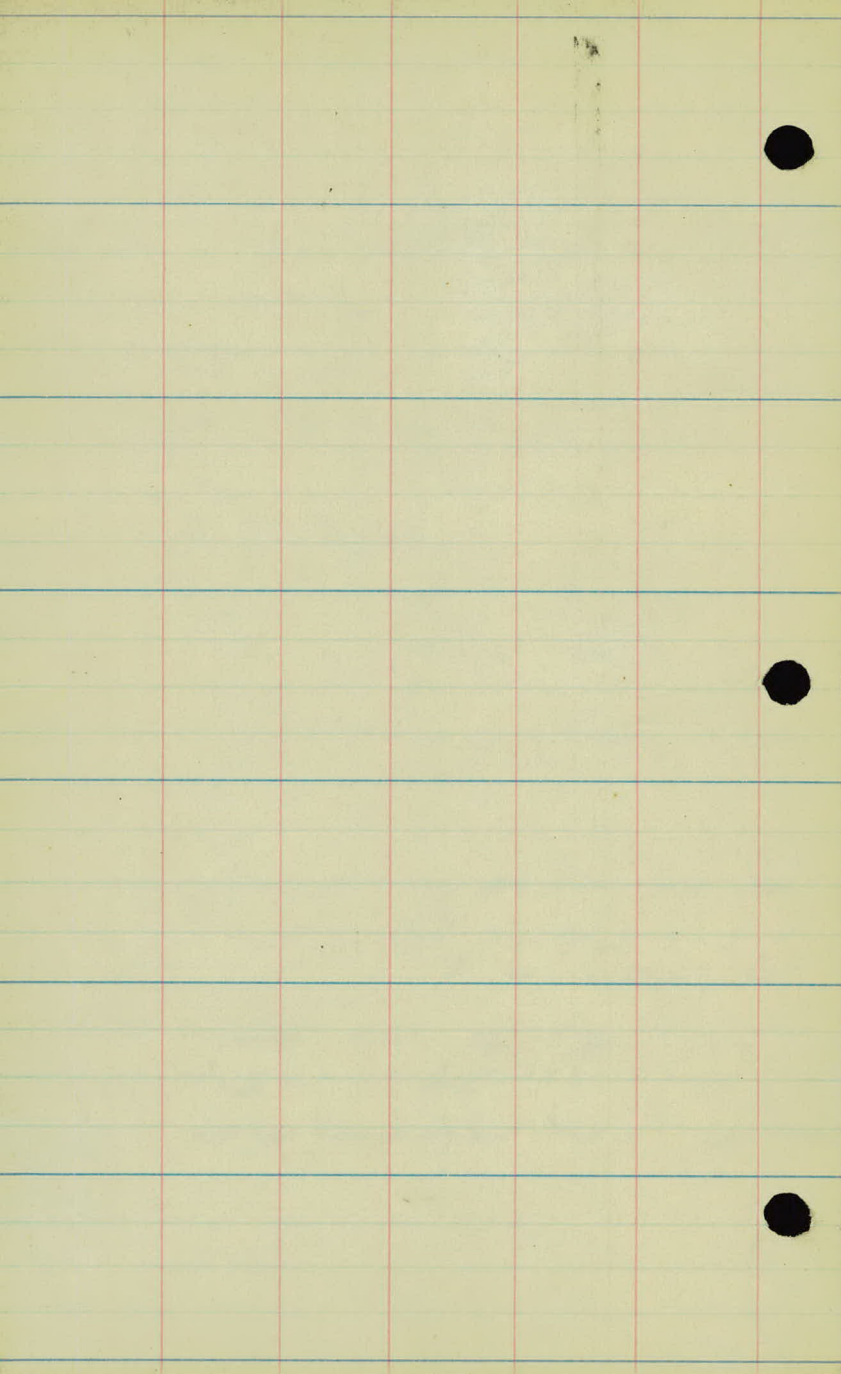
X Drain 8" X 16 CM

50+00

49+00

48+00





Check Levels

Co Rd H. No. 58

Sta	+	HI	-	Elev.
B.M.	2.20	927.86		925.66
T.P.	2.60	926.65	3.81	924.05
T.P.	6.44	929.51	3.58	923.07
T.P.	0.88	928.75	1.64	927.27
T.P.	9.57	931.46	6.86	921.89
T.P.	3.19	931.09	3.56	927.90
B.M.	3.27	936.15	8.21	927.89
T.P.	2.37	920.37	9.15	918.00
T.P.	5.77	919.29	6.85	913.52
B.M.	4.47	918.72	4.86	914.43
T.P.	11.63	920.26	0.29	918.63
T.P.	9.56	938.48	0.34	929.72
B.M.	3.56	938.48	3.56	934.92
T.P.	11.54	948.18	1.84	936.64
T.P.	7.15	946.59	9.24	938.94
B.M.	2.54	946.59	2.54	944.05
T.P.	11.18	952.75	0.02	946.57
T.P.	9.44	965.93	0.26	957.49
B.M.	1.57	965.93	1.57	964.36
T.P.	0.05	955.82	10.16	955.77
T.P.	0.50	946.29	10.03	945.79
T.P.	0.88	938.17	9.00	937.22
B.M.	6.28	928.17	6.28	931.89
T.P.	0.42	928.42	10.35	927.52
T.P.	0.06	918.67	9.63	918.61
T.P.	2.51	909.89	11.29	907.38
B.M.			9.13	904.46

6/12/26
J. K. P.
J. H. P.
F. H.
M. H. P.

RR spike in.

RR in Birch

RR spike in 12" Oak.

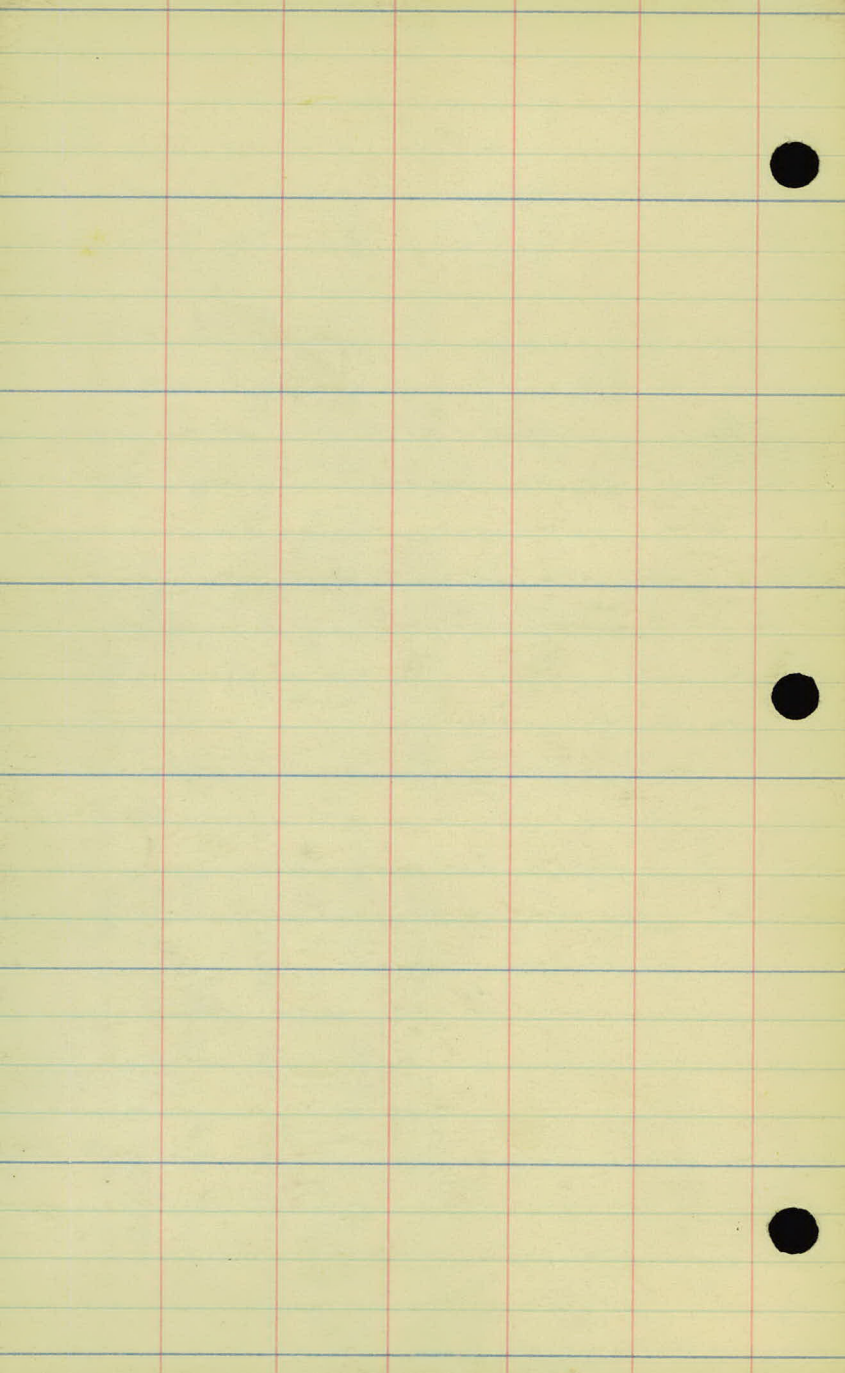
RR spike in 34" Oak.

RR spike in 18" Cotton wood. Lt.

RR spike in TR Lt. St.

	+	HI	-	EL	E
B.M.	11.60	916.06			904.46
T.P.	10.68	926.64	0.10	915.96	
T.P.	10.01	936.36	0.29	926.35	
B.M.			4.48	931.88	= 931.89
T.P.	10.28	946.27	0.37	935.99	
T.P.	7.59	951.02	2.54	943.43	
T.P.	10.37	961.10	0.29	950.73	
T.P.	6.25	965.89	1.46	959.64	
B.M.	1.49	965.85	1.49	964.40	= 964.36
T.P.	0.92	959.04	7.73	951.12	
T.P.	0.51	948.36	11.19	947.85	
B.M.	2.17	946.22	4.31	944.05	= 944.05
T.P.	4.70	945.91	5.01	941.21	
T.P.	4.30	937.99	12.22	933.69	
B.M.			3.08	934.91	
T.P.	0.08	927.00	11.07	926.92	
T.P.	1.55	918.33	10.22	916.78	
B.M.			3.92	914.41	= 914.43
T.P.	6.64	922.29	2.68	915.65	
T.P.	4.11	925.86	0.54	921.75	
B.M.			2.99	922.87	

Top stake sta.



Cross Sections

Co Rd. H. No 58

Sta	+	HI	-	Elev	
B.M.	1154	916.00		904.46	
0+00	2	Canterville Rd		905.2	
+25				905.3	
+50				06.0	
1+00				08.2	
+50				11.8	
T.P.	1149	926.07	142	914.59	
2+00				16.1	
+50				17.1	
3+00				21.1	
+50				22.7	
4+00				24.6	
T.P.	1151	936.58	103	925.04	
+50				28.3	
B.M.			467	931.88 = 931.89	
5+00				31.4	
+50				32.8	

LT

Q

RT Soukup
Sta 1000000
6/4/26
Fritz
Meesenbourg

$\frac{111}{80}$ $\frac{111}{25}$ 10.8 $\frac{10.2}{25}$ $\frac{10.6}{50}$

$\frac{11.8}{33}$ $\frac{11.5}{11}$ $\frac{11.5}{10}$ 10.7 $\frac{11.1}{2}$ $\frac{12.2}{14}$ $\frac{12.0}{29}$ $\frac{12.3}{33}$

$\frac{11.0}{33}$ $\frac{10.8}{12}$ $\frac{11.0}{7}$ 10.0 $\frac{10.6}{4}$ $\frac{11.0}{9}$ $\frac{12.3}{13}$ $\frac{12.4}{33}$

$\frac{8.0}{33}$ $\frac{8.2}{25}$ $\frac{8.1}{13}$ $\frac{8.0}{8}$ 7.8 $\frac{8.6}{7}$ $\frac{10.2}{12}$ $\frac{11.4}{25}$ $\frac{11.8}{33}$

$\frac{2.1}{33}$ $\frac{3.7}{16}$ $\frac{5.0}{10}$ $\frac{4.8}{6}$ 4.2 $\frac{4.6}{6}$ $\frac{5.5}{9}$ $\frac{8.3}{33}$

$\frac{6.0}{33}$ $\frac{7.5}{25}$ $\frac{9.5}{15}$ $\frac{10.5}{9}$ $\frac{10.2}{7}$ 10.1 $\frac{10.4}{6}$ $\frac{11.2}{9}$ $\frac{12.8}{33}$

$\frac{1.8}{33}$ $\frac{2.3}{11}$ 7.0 $\frac{2.2}{8}$ $\frac{2.0}{17}$ $\frac{8.4}{33}$

$\frac{2.7}{33}$ $\frac{5.1}{8}$ 5.0 $\frac{4.5}{12}$ $\frac{4.7}{33}$

$\frac{3.6}{33}$ $\frac{3.8}{10}$ $\frac{3.4}{6}$ 3.4 $\frac{4.0}{4}$ $\frac{5.2}{9}$ $\frac{6.4}{19}$ $\frac{6.5}{33}$

$\frac{1.6}{33}$ $\frac{1.6}{23}$ $\frac{2.1}{11}$ $\frac{1.5}{7}$ 1.5 $\frac{1.5}{5}$ $\frac{2.8}{9}$ $\frac{3.8}{33}$

Stake Sta 4400

$\frac{7.0}{33}$ $\frac{7.2}{27}$ $\frac{8.2}{11}$ $\frac{8.4}{6}$ 8.3 $\frac{8.3}{6}$ $\frac{8.0}{10}$ $\frac{7.8}{33}$

RR spike in TP 50 ft Sta 4495

$\frac{8.3}{33}$ $\frac{5.6}{17}$ $\frac{6.0}{10}$ $\frac{5.4}{4}$ 5.2 $\frac{5.5}{4}$ $\frac{5.8}{9}$ $\frac{5.1}{20}$ $\frac{5.8}{33}$

$\frac{5.2}{33}$ $\frac{5.6}{23}$ $\frac{5.0}{10}$ $\frac{3.9}{5}$ 3.8 $\frac{4.0}{4}$ $\frac{4.7}{8}$ $\frac{4.5}{16}$ $\frac{4.8}{33}$

Sta	+	HI	-	Elev	
	(	936.55			
6+00					33.9
+50					35.8
T.P	10.92	946.92	0.85	936.00	
7+00					38.9
+50					41.4
8+00					41.5
+50					41.6
9+00					42.2
+50					43.1
10+00					44.3
+50					45.9
T.P	10.36	957.00	0.28	946.64	
11+00					46.5
+50					47.4
12+00					49.4

$$\frac{4.0}{33} \quad \frac{3.2}{18} \quad \frac{3.8}{10} \quad \frac{2.8}{6} \quad 2.7 \quad \frac{2.8}{6} \quad \frac{3.5}{9} \quad \frac{4.3}{33}$$

$$\frac{0.7}{33} \quad \frac{0.8}{23} \quad \frac{1.0}{8} \quad 1.8 \quad \frac{0.6}{4} \quad \frac{1.6}{9} \quad \frac{2.0}{33}$$

$$\frac{8.0}{33} \quad \frac{7.2}{27} \quad \frac{8.2}{13} \quad \frac{7.8}{8} \quad \frac{8.0}{4} \quad \frac{7.6}{4} \quad \frac{8.2}{7} \quad \frac{7.2}{23} \quad \frac{6.2}{33}$$

$$\frac{7.0}{33.0} \quad \frac{6.5}{14} \quad \frac{5.1}{6} \quad 5.5 \quad \frac{5.0}{4} \quad \frac{5.8}{9} \quad \frac{5.5}{29} \quad \frac{5.4}{33}$$

$$\frac{6.5}{33} \quad \frac{6.4}{10} \quad \frac{5.6}{9} \quad \frac{5.3}{6} \quad 5.4 \quad \frac{5.2}{6} \quad \frac{5.6}{9} \quad \frac{5.5}{33}$$

$$\frac{6.0}{33} \quad \frac{5.8}{10} \quad \frac{6.0}{9} \quad \frac{5.1}{6} \quad 5.3 \quad \frac{5.5}{3} \quad \frac{6.6}{8} \quad \frac{6.4}{33}$$

$$\frac{3.0}{33} \quad \frac{4.7}{18} \quad \frac{5.1}{9} \quad \frac{4.6}{7} \quad 4.7 \quad \frac{4.6}{2} \quad \frac{5.4}{6} \quad \frac{6.7}{9} \quad \frac{7.8}{33}$$

$$\frac{2.8}{33} \quad \frac{3.5}{24} \quad \frac{3.9}{9} \quad \frac{3.5}{8} \quad \frac{3.5}{6} \quad 3.8 \quad \frac{3.8}{6} \quad \frac{4.7}{9} \quad \frac{5.5}{23} \quad \frac{6.0}{33}$$

$$\frac{2.8}{33} \quad \frac{2.4}{10} \quad \frac{2.2}{9} \quad \frac{2.2}{6} \quad 2.6 \quad \frac{1.6}{2} \quad \frac{1.5}{5} \quad \frac{2.5}{10} \quad \frac{2.7}{33}$$

$$\frac{3.6}{33} \quad \frac{2.6}{23} \quad \frac{1.9}{9} \quad \frac{0.9}{8} \quad \frac{0.9}{4} \quad 1.0 \quad \frac{1.0}{4} \quad \frac{1.2}{6} \quad \frac{1.8}{10} \quad \frac{1.7}{27} \quad \frac{2.2}{33}$$

Top Stake Stg 1100

$$\frac{12.5}{33} \quad \frac{12.0}{10} \quad \frac{11.3}{9} \quad \frac{10.4}{5} \quad 10.5 \quad \frac{10.5}{3} \quad \frac{11.3}{6} \quad \frac{12.0}{9} \quad \frac{14.0}{20} \quad \frac{14.8}{33}$$

$$\frac{11.1}{33} \quad \frac{11.1}{30} \quad \frac{11.0}{10} \quad \frac{10.2}{9} \quad \frac{9.2}{6} \quad 9.8 \quad \frac{9.6}{3} \quad \frac{12.3}{10} \quad \frac{13.7}{21} \quad \frac{11.3}{33}$$

$$\frac{6.0}{33} \quad \frac{6.8}{24} \quad \frac{8.0}{13} \quad \frac{7.6}{5} \quad 7.6 \quad \frac{7.8}{5} \quad \frac{8.2}{10} \quad \frac{10.0}{24} \quad \frac{10.7}{33}$$

Sta

+

42

-

Elev

957+00

12+50

57.3

13+00

55.6

T.P.

9.65

965.98

0.67

956.33

B.M.

1.62

964.36

+50

58.0

14+00

60.4

+50

60.8

15+00

61.1

+50

61.5

16+00

62.0

+50

61.8

17+00

59.5

+50

57.5

T.P.

4.48

966.63

5.83

957.15

18+00

55.3

$$\frac{0.3}{33} \quad \frac{2.2}{24} \quad \frac{4.2}{7} \quad \frac{4.4}{4} \quad 4.7 \quad \frac{5.1}{7} \quad \frac{5.6}{9} \quad \frac{6.8}{22} \quad \frac{7.0}{33}$$

$$\frac{+0.6}{33} \quad \frac{0.4}{22} \quad \frac{1.5}{10} \quad \frac{0.9}{4} \quad 1.2 \quad \frac{1.4}{6} \quad \frac{2.3}{23} \quad \frac{3.0}{33}$$

RR spike in 14" Cotton Wood 85' 6" + 54" 13' 35"

$$\frac{6.2}{33} \quad \frac{7.2}{25} \quad \frac{7.6}{20} \quad \frac{7.8}{6} \quad 8.0 \quad \frac{9.2}{7} \quad \frac{9.8}{8} \quad \frac{10.5}{22} \quad \frac{10.7}{33}$$

$$\frac{5.9}{39} \quad \frac{4.9}{23} \quad \frac{5.2}{21} \quad \frac{5.0}{8} \quad 5.6 \quad \frac{5.6}{6} \quad \frac{6.2}{7} \quad \frac{6.9}{21} \quad \frac{8.1}{33}$$

$$\frac{6.2}{33} \quad \frac{5.1}{23} \quad \frac{5.7}{21} \quad \frac{5.3}{12} \quad \frac{4.8}{6} \quad 5.2 \quad \frac{5.5}{6} \quad \frac{6.0}{8} \quad \frac{6.2}{18} \quad \frac{7.2}{33}$$

$$\frac{5.7}{33} \quad \frac{5.5}{26} \quad \frac{5.4}{21} \quad \frac{5.0}{9} \quad 4.9 \quad \frac{4.9}{3} \quad \frac{5.4}{6} \quad \frac{6.3}{7} \quad \frac{6.6}{29} \quad \frac{6.7}{33}$$

$$\frac{4.2}{33} \quad \frac{4.2}{23} \quad \frac{4.5}{9} \quad 4.5 \quad \frac{4.7}{6} \quad \frac{6.0}{2} \quad \frac{7.0}{20} \quad \frac{7.7}{33}$$

$$\frac{2.6}{33} \quad \frac{2.5}{25} \quad \frac{3.2}{20} \quad \frac{4.0}{17} \quad \frac{4.0}{12} \quad \frac{3.5}{5} \quad 4.0 \quad \frac{4.0}{6} \quad \frac{4.8}{7} \quad \frac{4.9}{9} \quad \frac{4.8}{21} \quad \frac{5.2}{33}$$

$$\frac{1.1}{33} \quad \frac{7.2}{27} \quad \frac{1.6}{21} \quad \frac{4.2}{16} \quad \frac{4.2}{12} \quad \frac{4.4}{9} \quad 4.2 \quad \frac{5.0}{6} \quad \frac{5.0}{2} \quad \frac{3.2}{11} \quad \frac{4.2}{33}$$

$$\frac{1.5}{33} \quad \frac{1.1}{26} \quad \frac{1.4}{21} \quad \frac{5.8}{16} \quad \frac{6.8}{12} \quad \frac{6.4}{7} \quad 6.4 \quad \frac{7.0}{5} \quad \frac{7.0}{9} \quad \frac{2.8}{15} \quad \frac{3.5}{16} \quad \frac{4.0}{33}$$

$$\frac{3.0}{33} \quad \frac{3.2}{25} \quad \frac{4.0}{21} \quad \frac{8.3}{15} \quad \frac{8.8}{11} \quad \frac{8.4}{7} \quad 8.5 \quad \frac{8.5}{2} \quad \frac{9.4}{6} \quad \frac{9.0}{5} \quad \frac{6.0}{14} \quad \frac{6.8}{16} \quad \frac{6.5}{26} \quad \frac{6.6}{33}$$

$$\frac{0.8}{33} \quad \frac{1.0}{26} \quad \frac{1.6}{21} \quad \frac{5.8}{15} \quad \frac{6.3}{12} \quad \frac{5.8}{6} \quad 6.3 \quad \frac{6.4}{3} \quad \frac{7.0}{5} \quad \frac{7.0}{8} \quad \frac{4.0}{13} \quad \frac{4.4}{15} \quad \frac{4.8}{27} \quad \frac{5.4}{33}$$

Sta

+

HI

-

Elev

961.63

18+50

53.6

19+00

52.4

+50

50.4

TP

1.63

950.70

11.56

950.07

20+00

47.9

+50

46.5

21+00

44.3

+50

43.1

22+00

42.4

-50

42.2

B.M.

1.66

944.04 = 944.05

+80

42.1

23+00

41.9

TP B.M.

46.2

948.68

1.66

944.04 = 944.05

+30

42.1

4/15/26
S. A. W. J.
540/2000
F. H. T.
Mason County

$\frac{65}{33}$ $\frac{25}{25}$ $\frac{37}{21}$ $\frac{80}{13}$ $\frac{76}{7}$ 7.8 $\frac{84}{3}$ $\frac{85}{5}$ $\frac{86}{8}$ $\frac{60}{12}$ $\frac{65}{14}$ $\frac{66}{23}$ $\frac{76}{33}$

$\frac{60}{33}$ $\frac{70}{22}$ $\frac{75}{17}$ $\frac{76}{16}$ $\frac{92}{9}$ 9.2 $\frac{96}{6}$ $\frac{105}{24}$ $\frac{115}{33}$

$\frac{100}{33}$ $\frac{105}{24}$ $\frac{110}{21}$ $\frac{110}{9}$ 11.2 $\frac{120}{7}$ $\frac{156}{10}$ $\frac{153}{25}$ $\frac{164}{33}$

Mail in F.P. Lt Sta 20+00

$\frac{12}{33}$ $\frac{18}{25}$ $\frac{26}{20}$ $\frac{26}{12}$ $\frac{26}{7}$ 2.8 $\frac{28}{5}$ $\frac{58}{11}$ $\frac{68}{29}$ $\frac{70}{33}$

$\frac{31}{33}$ $\frac{40}{23}$ $\frac{45}{18}$ $\frac{44}{12}$ $\frac{40}{12}$ $\frac{40}{9}$ 4.2 $\frac{46}{5}$ $\frac{65}{10}$ $\frac{66}{21}$ $\frac{75}{33}$

$\frac{57}{33}$ $\frac{60}{28}$ $\frac{60}{22}$ $\frac{62}{18}$ $\frac{62}{10}$ $\frac{68}{7}$ 6.4 $\frac{68}{6}$ $\frac{82}{9}$ $\frac{83}{20}$ $\frac{84}{33}$

$\frac{72}{33}$ $\frac{76}{21}$ $\frac{76}{17}$ $\frac{76}{9}$ $\frac{75}{7}$ 7.6 $\frac{82}{9}$ $\frac{78}{11}$ $\frac{100}{23}$ $\frac{100}{33}$

$\frac{82}{20}$ $\frac{88}{19}$ $\frac{88}{10}$ $\frac{82}{5}$ 8.8 $\frac{83}{3}$ $\frac{103}{9}$ $\frac{110}{10}$ $\frac{108}{19}$ $\frac{108}{33}$

$\frac{95}{33}$ $\frac{97}{17}$ $\frac{94}{8}$ $\frac{85}{3}$ 8.5 $\frac{86}{12}$ $\frac{102}{11}$ $\frac{110}{12}$ $\frac{103}{22}$ $\frac{100}{33}$

R.R. Spike in 20" Oak 45' Lt Sta 22+30

$\frac{92}{33}$ $\frac{90}{23}$ $\frac{90}{17}$ $\frac{84}{11}$ $\frac{84}{8}$ $\frac{86}{5}$ 8.6 $\frac{87}{2}$ $\frac{91}{7}$ $\frac{105}{11}$ $\frac{107}{12}$ $\frac{107}{15}$ $\frac{91}{16}$ $\frac{91}{22}$ $\frac{91}{33}$

$\frac{70}{33}$ $\frac{70}{25}$ $\frac{74}{20}$ $\frac{80}{12}$ $\frac{85}{16}$ 8.8 $\frac{88}{2}$ $\frac{92}{6}$ $\frac{101}{9}$ $\frac{103}{12}$ $\frac{88}{14}$ $\frac{73}{16}$ $\frac{77}{22}$ $\frac{75}{33}$

$\frac{46}{33}$ $\frac{43}{24}$ $\frac{58}{19}$ $\frac{61}{13}$ $\frac{60}{7}$ 6.6 $\frac{68}{3}$ $\frac{90}{9}$ $\frac{90}{10}$ $\frac{46}{16}$ $\frac{48}{19}$ $\frac{53}{21}$ $\frac{56}{33}$

514

948.68

23+65

41.2

24+00

40.2

+25

39.6

+50

39.2

T.P.

1.69

948.32

994

939.74

25+00

38.8

+50

39.1

26+00

40.4

+50

42.7

27+00

45.0

+50

44.6

28+00

43.7

T.P.

0.64

948.04

3.93

944.40

+50

39.6

$\frac{5.3}{33}$ $\frac{5.2}{25}$ $\frac{5.7}{22}$ $\frac{7.3}{15}$ $\frac{2.5}{11}$ $\frac{7.4}{4}$ 7.5 $\frac{7.3}{5}$ $\frac{9.0}{8}$ $\frac{9.0}{10}$ $\frac{5.3}{15}$ $\frac{6.7}{20}$ $\frac{6.8}{33}$

$\frac{4.7}{33}$ $\frac{4.6}{26}$ $\frac{5.7}{17}$ $\frac{8.6}{13}$ $\frac{8.6}{10}$ $\frac{8.4}{7}$ 8.5 $\frac{8.7}{5}$ $\frac{9.1}{8}$ $\frac{9.1}{9}$ $\frac{7.4}{13}$ $\frac{9.2}{17}$ $\frac{8.0}{26}$ $\frac{8.4}{33}$

$\frac{6.5}{33}$ $\frac{6.3}{27}$ $\frac{7.1}{17}$ $\frac{8.7}{13}$ $\frac{9.6}{11}$ $\frac{9.0}{7}$ $\frac{9.0}{5}$ 7.1 $\frac{9.2}{5}$ $\frac{10.0}{8}$ $\frac{10.2}{10}$ $\frac{9.1}{11}$ $\frac{10.2}{23}$ $\frac{10.2}{33}$

$\frac{8.0}{33}$ $\frac{9.0}{22}$ $\frac{10.7}{11}$ $\frac{9.1}{8}$ $\frac{7.5}{5}$ 9.5 $\frac{9.7}{4}$ $\frac{11.2}{10}$ $\frac{12.3}{22}$ $\frac{12.6}{33}$

$\frac{9.4}{33}$ $\frac{9.7}{23}$ $\frac{9.7}{12}$ $\frac{9.4}{8}$ $\frac{9.5}{7}$ 9.5 $\frac{9.8}{14}$ $\frac{10.6}{6}$ $\frac{13.5}{13}$ $\frac{14.7}{25}$ $\frac{14.3}{33}$

$\frac{9.0}{33}$ $\frac{9.3}{20}$ $\frac{7.3}{10}$ $\frac{9.2}{7}$ 9.2 $\frac{8.2}{6}$ $\frac{11.6}{11}$ $\frac{14.3}{16}$ $\frac{15.5}{22}$ $\frac{16.0}{33}$

$\frac{6.4}{33}$ $\frac{7.2}{19}$ $\frac{9.3}{9}$ $\frac{9.8}{4}$ 7.9 $\frac{7.9}{5}$ $\frac{7.7}{6}$ $\frac{8.3}{10}$ $\frac{10.5}{12}$ $\frac{13.1}{19}$ $\frac{14.0}{29}$ $\frac{15.2}{33}$

$\frac{1.0}{33}$ $\frac{4.3}{17}$ $\frac{5.2}{9}$ $\frac{5.5}{6}$ 5.6 $\frac{5.6}{7}$ $\frac{6.7}{19}$ $\frac{8.3}{33}$

$\frac{+4.4}{33}$ $\frac{0.3}{26}$ $\frac{2.5}{23}$ $\frac{3.3}{15}$ $\frac{3.4}{8}$ $\frac{3.5}{6}$ 3.3 $\frac{3.5}{6}$ $\frac{3.7}{13}$ $\frac{2.4}{20}$ $\frac{2.7}{21}$ $\frac{3.2}{33}$

$\frac{+5.5}{36}$ $\frac{+5.0}{34}$ $\frac{+2.5}{30}$ $\frac{0.0}{17}$ $\frac{2.9}{25}$ $\frac{5.0}{19}$ $\frac{5.6}{17}$ $\frac{3.6}{10}$ $\frac{3.7}{8}$ 3.7 $\frac{3.9}{6}$ $\frac{4.1}{10}$ $\frac{3.0}{11}$ $\frac{5.2}{14}$ $\frac{5.2}{16}$ $\frac{1.6}{21}$ $\frac{1.3}{23}$ $\frac{1.4}{27}$ $\frac{1.7}{33}$

$\frac{+2.7}{33}$ $\frac{1.8}{27}$ $\frac{5.0}{21}$ $\frac{5.0}{16}$ $\frac{4.7}{11}$ $\frac{4.2}{10}$ 4.6 $\frac{4.6}{4}$ $\frac{4.7}{7}$ $\frac{3.0}{19}$ $\frac{3.0}{23}$ $\frac{3.5}{31}$ $\frac{4.5}{33}$

$\frac{1.5}{33}$ $\frac{+0.1}{30}$ $\frac{0.0}{26}$ $\frac{0.9}{24}$ $\frac{3.2}{19}$ $\frac{3.4}{16}$ $\frac{3.0}{10}$ 5.4 $\frac{3.4}{5}$ $\frac{2.6}{13}$ $\frac{3.0}{23}$ $\frac{3.3}{27}$ $\frac{3.8}{33}$

Sta + HI - Elev

945.04

29+00

38.7

+50

36.1

30+00

34.2

T.P.

6.21

940.19

11.06

933.98

+50

33.2

31+00

33.1

B.M.

530

934.89 = 934.92

+50

33.6

32+00

33.8

+45

33.5

33+00

33.5

+50

32.3

34+00

30.9

T.P.

0.42

930.56

10.05

920.14

+50

29.9

$\frac{2.0}{33}$	$\frac{4.0}{26}$	$\frac{6.7}{21}$	$\frac{6.6}{19}$	$\frac{5.5}{11}$	$\frac{6.0}{7}$	63	$\frac{6.2}{8}$	$\frac{6.7}{23}$	$\frac{7.7}{27}$	$\frac{8.2}{33}$
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$\frac{6.5}{33}$	$\frac{8.5}{26}$	$\frac{8.1}{10}$	70	$\frac{9.0}{5}$	$\frac{10.7}{10}$	$\frac{11.4}{19}$	$\frac{11.7}{26}$	$\frac{11.7}{33}$
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$\frac{10.0}{33}$	$\frac{11.2}{22}$	$\frac{11.7}{14}$	$\frac{10.6}{10}$	10.8	$\frac{10.8}{5}$	$\frac{13.5}{20}$	$\frac{13.7}{33}$
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$\frac{6.6}{33}$	$\frac{7.6}{24}$	$\frac{7.6}{11}$	$\frac{7.0}{10}$	70	$\frac{7.0}{4}$	$\frac{9.2}{10}$	$\frac{9.5}{23}$	$\frac{7.6}{33}$
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$\frac{7.4}{33}$	$\frac{8.3}{25}$	$\frac{8.1}{13}$	$\frac{7.5}{10}$	71	$\frac{7.2}{5}$	$\frac{7.1}{10}$	$\frac{9.6}{23}$	$\frac{7.8}{33}$
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P.R. spike in 12" Oak 60' 6" Sta 31+45

$\frac{7.3}{33}$	$\frac{7.5}{30}$	$\frac{9.0}{25}$	$\frac{8.0}{11}$	$\frac{7.2}{7}$	72	$\frac{7.4}{7}$	$\frac{9.3}{15}$	$\frac{7.6}{24}$	$\frac{7.8}{33}$
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$\frac{5.3}{33}$	$\frac{5.7}{27}$	$\frac{6.0}{17}$	$\frac{6.8}{15}$	$\frac{6.4}{8}$	6.4	$\frac{6.5}{7}$	$\frac{7.4}{14}$	$\frac{8.0}{25}$	$\frac{1.2}{33}$
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$\frac{3.5}{33}$	$\frac{2.8}{26}$	$\frac{2.6}{21}$	$\frac{7.0}{11}$	$\frac{7.2}{12}$	$\frac{6.8}{8}$	67	$\frac{7.0}{7}$	$\frac{7.7}{11}$	$\frac{7.9}{12}$	$\frac{4.2}{17}$	$\frac{3.3}{25}$	$\frac{3.2}{33}$
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$\frac{6.7}{33}$	$\frac{6.7}{30}$	$\frac{6.2}{25}$	$\frac{6.0}{17}$	$\frac{7.5}{13}$	$\frac{7.0}{8}$	67	$\frac{6.8}{7}$	$\frac{7.3}{10}$	$\frac{5.7}{14}$	$\frac{3.3}{18}$	$\frac{2.2}{26}$	$\frac{2.7}{33}$
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$\frac{3.9}{33}$	$\frac{3.7}{28}$	$\frac{3.0}{22}$	$\frac{4.3}{19}$	$\frac{4.6}{15}$	$\frac{8.8}{11}$	$\frac{8.0}{8}$	79	$\frac{8.2}{6}$	$\frac{9.0}{9}$	$\frac{8.6}{14}$	$\frac{4.0}{18}$	$\frac{3.0}{21}$	$\frac{1.5}{26}$	$\frac{1.5}{33}$
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$\frac{7.4}{33}$	$\frac{6.0}{26}$	$\frac{5.2}{23}$	$\frac{5.7}{21}$	$\frac{10.2}{15}$	$\frac{10.2}{10}$	$\frac{9.8}{6}$	83	$\frac{9.4}{4}$	$\frac{10.7}{10}$	$\frac{0.0}{26}$	$\frac{+0.7}{28}$	$\frac{+1.4}{30}$	$\frac{1.4}{33}$
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$\frac{3.6}{33}$	$\frac{2.2}{29}$	$\frac{0.7}{23}$	$\frac{0.3}{17}$	$\frac{2.0}{14}$	$\frac{1.0}{8}$	07	$\frac{11}{5}$	$\frac{1.6}{12}$	$\frac{0.0}{15}$	$\frac{+0.3}{16}$	$\frac{+4.8}{21}$	$\frac{+10.0}{29}$	$\frac{+10.8}{30}$	$\frac{+10.4}{33}$
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Sta.	+	HI	-	Elev	
		930.56			
35+00					28.3
+50					24.5
36+00					21.0
T.P.	0.84	920.67	1973	919.83	
+50					18.3
37+00					16.2
+50					15.3
38+00					14.7
+50					14.2
39+00					13.6
B.M.	4.95	919.38	627	914.43	914.43
+50					13.8
40+00					13.9
+50					14.2

$\frac{133}{33}$ $\frac{75}{26}$ $\frac{73}{24}$ $\frac{45}{16}$ $\frac{26}{8}$ 23 $\frac{26}{7}$ $\frac{31}{10}$ $\frac{33}{13}$ $\frac{66}{18}$ +44+46+48
 $\frac{167}{33}$ $\frac{140}{26}$ $\frac{143}{20}$ $\frac{110}{11}$ $\frac{66}{5}$ $\frac{58}{1}$ 61 $\frac{58}{6}$ $\frac{61}{15}$ $\frac{54}{18}$ $\frac{50}{27}$ +06

$\frac{173}{33}$ $\frac{163}{26}$ $\frac{146}{20}$ $\frac{114}{11}$ $\frac{66}{5}$ $\frac{58}{1}$ 61 $\frac{58}{6}$ $\frac{61}{15}$ $\frac{54}{18}$ $\frac{50}{27}$ +06

$\frac{173}{33}$ $\frac{163}{26}$ $\frac{146}{20}$ $\frac{114}{11}$ $\frac{66}{5}$ $\frac{58}{1}$ 61 $\frac{58}{6}$ $\frac{61}{15}$ $\frac{54}{18}$ $\frac{50}{27}$ +06

$\frac{71}{30}$ $\frac{65}{19}$ $\frac{60}{12}$ $\frac{34}{7}$ 24 $\frac{22}{13}$ $\frac{28}{16}$ $\frac{28}{22}$ $\frac{00}{25}$ +19+27

$\frac{80}{33}$ $\frac{80}{25}$ $\frac{96}{24}$ $\frac{95}{23}$ $\frac{80}{22}$ $\frac{66}{19}$ $\frac{50}{13}$ 45 $\frac{44}{7}$ $\frac{48}{18}$ $\frac{42}{23}$ $\frac{25}{27}$ $\frac{15}{30}$ $\frac{10}{33}$

$\frac{79}{33}$ $\frac{78}{29}$ $\frac{80}{25}$ $\frac{75}{23}$ $\frac{75}{21}$ $\frac{72}{20}$ $\frac{72}{13}$ $\frac{53}{6}$ 54 $\frac{55}{9}$ $\frac{63}{12}$ $\frac{60}{26}$ $\frac{56}{29}$ $\frac{52}{35}$

$\frac{82}{33}$ $\frac{80}{30}$ $\frac{78}{26}$ $\frac{83}{24}$ $\frac{86}{22}$ $\frac{75}{13}$ $\frac{62}{9}$ $\frac{58}{6}$ 60 $\frac{62}{8}$ $\frac{73}{11}$ $\frac{78}{12}$ $\frac{87}{18}$ $\frac{90}{22}$ $\frac{79}{23}$ $\frac{75}{27}$ $\frac{73}{35}$

$\frac{84}{33}$ $\frac{80}{29}$ $\frac{88}{22}$ $\frac{82}{13}$ $\frac{61}{8}$ 65 $\frac{68}{7}$ $\frac{77}{10}$ $\frac{80}{19}$ $\frac{90}{20}$ $\frac{90}{22}$ $\frac{79}{26}$ $\frac{76}{27}$ $\frac{76}{29}$ $\frac{71}{33}$

$\frac{85}{33}$ $\frac{88}{24}$ $\frac{83}{11}$ $\frac{70}{8}$ $\frac{72}{5}$ 71 $\frac{73}{8}$ $\frac{82}{11}$ $\frac{80}{19}$ $\frac{90}{19}$ $\frac{93}{22}$ $\frac{82}{24}$ $\frac{78}{26}$ $\frac{76}{33}$

RR Spike 7" Break 90' 41 St 0 39 4 40

$\frac{90}{33}$ $\frac{68}{30}$ $\frac{70}{23}$ $\frac{70}{20}$ $\frac{67}{11}$ $\frac{60}{8}$ $\frac{58}{5}$ 56 $\frac{60}{6}$ $\frac{70}{12}$ $\frac{67}{14}$ $\frac{73}{19}$ $\frac{63}{29}$ $\frac{63}{33}$

$\frac{67}{33}$ $\frac{65}{29}$ $\frac{72}{23}$ $\frac{72}{21}$ $\frac{65}{17}$ $\frac{65}{11}$ $\frac{57}{8}$ 55 $\frac{60}{8}$ $\frac{67}{10}$ $\frac{67}{15}$ $\frac{79}{21}$ $\frac{78}{24}$ $\frac{63}{25}$ $\frac{63}{33}$

$\frac{69}{33}$ $\frac{60}{29}$ $\frac{71}{25}$ $\frac{70}{22}$ $\frac{66}{20}$ $\frac{60}{10}$ $\frac{52}{7}$ 52 $\frac{54}{6}$ $\frac{65}{9}$ $\frac{65}{12}$ $\frac{63}{21}$ $\frac{76}{23}$ $\frac{76}{25}$ $\frac{65}{26}$ $\frac{66}{33}$

Sta	-	HI	-	Elev	
		919.38			
41+00					14.6
+50					15.2
42+00					15.0
	CM				
+50					15.3
43+00					16.1
+50					17.0
44+00					17.8
T.P.	6.61	924.34	1.65	917.73	
+35					17.9
45+00					17.8
+50					17.3
46+00					17.4
+50					18.2

$$\frac{6.0}{33} \quad \frac{5.8}{28} \quad \frac{7.0}{22} \quad \frac{5.5}{11} \quad \frac{5.0}{8} \quad 4.8 \quad \frac{4.7}{6} \quad \frac{6.0}{9} \quad \frac{6.2}{23} \quad \frac{7.4}{24} \quad \frac{7.5}{25} \quad \frac{6.5}{26} \quad \frac{6.6}{33}$$

$$\frac{5.8}{33} \quad \frac{5.7}{27} \quad \frac{6.7}{23} \quad \frac{6.8}{20} \quad \frac{6.7}{19} \quad \frac{5.0}{10} \quad \frac{4.7}{6} \quad 4.4 \quad \frac{4.0}{7} \quad \frac{5.6}{11} \quad \frac{6.8}{25} \quad \frac{6.8}{28} \quad \frac{6.0}{30} \quad \frac{5.1}{33}$$

$$\frac{6.0}{33} \quad \frac{5.8}{27} \quad \frac{6.6}{24} \quad \frac{6.7}{21} \quad \frac{5.5}{16} \quad \frac{5.0}{9} \quad \frac{4.2}{6} \quad 4.4 \quad \frac{4.6}{6} \quad \frac{5.6}{10} \quad \frac{6.2}{23} \quad \frac{7.4}{24} \quad \frac{7.5}{27} \quad \frac{5.8}{29} \quad \frac{5.7}{33}$$

$$\frac{5.6}{33} \quad \frac{5.3}{22} \quad \frac{5.5}{19} \quad \frac{5.5}{11} \quad \frac{4.0}{6} \quad 4.1 \quad \frac{4.0}{8} \quad \frac{5.4}{12} \quad \frac{5.8}{27} \quad \frac{6.4}{31} \quad \frac{7.5}{33} \quad \frac{7.6}{34} \quad 6$$

$$\frac{2.7}{33} \quad \frac{3.0}{26} \quad \frac{3.2}{8} \quad \frac{3.0}{5} \quad 3.3 \quad \frac{3.3}{8} \quad \frac{3.5}{13} \quad \frac{5.0}{26} \quad \frac{5.6}{33}$$

$$\frac{4.5}{33} \quad \frac{6.0}{27} \quad \frac{1.2}{22} \quad \frac{1.7}{17} \quad \frac{3.1}{9} \quad \frac{2.2}{4} \quad 2.4 \quad \frac{2.3}{4} \quad \frac{2.9}{10} \quad \frac{3.0}{13} \quad \frac{4.4}{27} \quad \frac{4.8}{33}$$

$$\frac{9.3}{33} \quad \frac{0.5}{27} \quad \frac{0.1}{16} \quad \frac{2.4}{12} \quad \frac{2.3}{7} \quad \frac{1.5}{3} \quad 1.6 \quad \frac{1.6}{4} \quad \frac{2.3}{10} \quad \frac{3.0}{18} \quad \frac{3.6}{27} \quad \frac{3.6}{33}$$

$$\frac{8.7}{33} \quad \frac{7.4}{23} \quad \frac{7.1}{16} \quad \frac{7.4}{7} \quad \frac{6.4}{3} \quad 6.4 \quad \frac{6.4}{4} \quad \frac{7.0}{10} \quad \frac{7.7}{14} \quad \frac{7.4}{21} \quad \frac{7.5}{29} \quad \frac{7.6}{33}$$

$$\frac{9.0}{33} \quad \frac{8.5}{25} \quad \frac{8.0}{15} \quad \frac{8.0}{6} \quad \frac{6.5}{2} \quad 6.5 \quad \frac{6.2}{4} \quad \frac{6.7}{10} \quad \frac{7.2}{15} \quad \frac{6.3}{27} \quad \frac{6.0}{33}$$

$$\frac{9.1}{33} \quad \frac{10.0}{29} \quad \frac{9.5}{19} \quad \frac{9.0}{11} \quad \frac{8.2}{6} \quad \frac{7.0}{3} \quad 7.0 \quad \frac{7.0}{4} \quad \frac{7.0}{10} \quad \frac{7.7}{15} \quad \frac{7.7}{21} \quad \frac{7.4}{33}$$

$$\frac{9.5}{33} \quad \frac{9.7}{23} \quad \frac{9.2}{12} \quad \frac{8.2}{8} \quad \frac{7.5}{5} \quad \frac{7.0}{2} \quad 6.9 \quad \frac{6.7}{4} \quad \frac{7.0}{11} \quad \frac{7.3}{19} \quad \frac{6.6}{28} \quad \frac{6.2}{33}$$

$$\frac{9.5}{33} \quad \frac{9.2}{28} \quad \frac{8.5}{16} \quad \frac{7.4}{6} \quad \frac{6.1}{3} \quad 6.1 \quad \frac{6.0}{4} \quad \frac{6.2}{10} \quad \frac{6.4}{15} \quad \frac{5.5}{22} \quad \frac{4.7}{28} \quad \frac{4.2}{33}$$

Sta + HI - Elev

92434

47+00

19.4

+50

21.0

48+00

21.6

+50

21.8

49+00

21.8

TP

835

930.92

930.92

1.22

922.57

+50

21.9

50+00

21.1

+50

20.8

51+00

21.1

BM

902

922.90

922.96 - 922.88

+50

22.5

52+00

24.9

+25

26.1

$\frac{7.3}{33}$ $\frac{6.7}{27}$ $\frac{5.8}{11}$ $\frac{5.0}{5}$ $\frac{4.7}{3}$ 4.9 $\frac{4.6}{4}$ $\frac{4.8}{12}$ $\frac{5.0}{15}$ $\frac{3.8}{22}$ $\frac{3.0}{28}$ $\frac{2.5}{33}$

$\frac{5.0}{33}$ $\frac{3.7}{23}$ $\frac{3.2}{10}$ $\frac{3.6}{7}$ $\frac{3.1}{3}$ 3.3 $\frac{3.3}{4}$ $\frac{3.6}{10}$ $\frac{4.0}{16}$ $\frac{3.3}{21}$ $\frac{2.6}{28}$ $\frac{2.3}{33}$

$\frac{2.7}{33}$ $\frac{2.6}{22}$ $\frac{2.8}{10}$ $\frac{2.8}{6}$ $\frac{2.5}{3}$ 2.7 $\frac{2.5}{2}$ $\frac{2.7}{10}$ $\frac{3.4}{12}$ $\frac{3.2}{20}$ $\frac{2.7}{28}$ $\frac{2.6}{33}$

$\frac{3.5}{33}$ $\frac{3.5}{24}$ $\frac{3.5}{11}$ $\frac{3.0}{1}$ $\frac{2.5}{4}$ 2.5 $\frac{2.6}{3}$ $\frac{2.8}{11}$ $\frac{3.2}{17}$ $\frac{2.2}{28}$ $\frac{2.0}{33}$

$\frac{4.3}{33}$ $\frac{3.5}{20}$ $\frac{2.8}{9}$ $\frac{2.7}{6}$ $\frac{2.3}{3}$ 2.5 $\frac{2.3}{5}$ $\frac{2.4}{11}$ $\frac{2.3}{17}$ $\frac{1.5}{22}$ $\frac{0.9}{28}$ $\frac{0.3}{33}$

$\frac{11.4}{33}$ $\frac{10.7}{17}$ $\frac{10.4}{14}$ $\frac{9.8}{12}$ $\frac{9.2}{5}$ 9.0 $\frac{8.8}{11}$ $\frac{9.3}{12}$ $\frac{8.8}{19}$ $\frac{7.7}{28}$ $\frac{6.8}{33}$

$\frac{12.2}{33}$ $\frac{12.1}{25}$ $\frac{11.8}{14}$ $\frac{10.7}{6}$ $\frac{10.0}{3}$ 9.8 $\frac{9.6}{9}$ $\frac{10.0}{13}$ $\frac{10.5}{14}$ $\frac{10.4}{21}$ $\frac{10.1}{29}$ $\frac{9.6}{33}$

$\frac{13.4}{33}$ $\frac{13.2}{27}$ $\frac{13.0}{17}$ $\frac{12.2}{10}$ $\frac{11.0}{4}$ $\frac{10.2}{1}$ 10.1 $\frac{10.1}{11}$ $\frac{11.0}{15}$ $\frac{10.9}{28}$ $\frac{10.4}{33}$

$\frac{12.3}{33}$ $\frac{12.4}{27}$ $\frac{12.0}{17}$ $\frac{11.6}{9}$ $\frac{10.7}{4}$ $\frac{9.7}{2}$ 9.8 $\frac{9.6}{6}$ $\frac{9.8}{12}$ $\frac{10.7}{16}$ $\frac{10.5}{27}$ $\frac{10.2}{33}$

RR spike in 14" Oak 41' (1.34.51) + 1.8

$\frac{7.7}{33}$ $\frac{8.1}{21}$ $\frac{8.4}{8}$ 8.4 $\frac{8.1}{7}$ $\frac{8.1}{13}$ $\frac{8.8}{21}$ $\frac{8.5}{28}$ $\frac{8.3}{33}$

$\frac{3.0}{33}$ $\frac{3.4}{20}$ $\frac{4.5}{11}$ $\frac{5.7}{2}$ 6.0 $\frac{6.0}{80}$ $\frac{6.0}{11}$ $\frac{5.4}{21}$ $\frac{5.1}{28}$ $\frac{5.0}{33}$

$\frac{0.8}{34}$ $\frac{1.3}{26}$ $\frac{2.7}{15}$ $\frac{4.2}{4}$ 4.8 $\frac{4.7}{7}$ $\frac{4.6}{14}$ $\frac{4.3}{18}$ $\frac{3.4}{27}$ $\frac{3.1}{33}$

Sta.

+

HI

-

Elev

930.92
930.88

Sta 40

27.0

+58

28.7

68.3

29.5

T.P.	439	931.81	346	927.42	
T.P.	766	931.70	777	924.04	
T.P.	169	927.10	629	925.41	
T.P.	3.88	927.81	317	923.93	
B.M.			217	925.64	= 925.66

June 15, 1926
 Soukup
 Skolovm
 Fritz
 Messembourg.

$\frac{1.6}{33}$	$\frac{2.3}{23}$	$\frac{3.2}{10}$	$\frac{4.0}{6}$	39	$\frac{3.5}{9}$	$\frac{3.9}{19}$	$\frac{2.9}{23}$	$\frac{2.7}{28}$	$\frac{2.1}{33}$
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$\frac{1.8}{50}$	$\frac{1.6}{36}$	$\frac{1.9}{22}$	$\frac{2.2}{11}$	22	$\frac{2.8}{10}$	$\frac{2.1}{25}$	$\frac{2.1}{33}$	$\frac{2.1}{50}$
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$\frac{1.4}{50}$	$\frac{1.3}{44}$	$\frac{1.3}{30}$	$\frac{1.4}{14}$	1.4	$\frac{1.5}{17}$	$\frac{1.6}{29}$	$\frac{1.8}{43}$	$\frac{2.0}{50}$
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RR. spike in T. Pat int. of Otter Lake Rd & Birch
 Lake Blvd at North end of Birch Lake.

