

Book # 54-Dr #8

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

DITCH. Survey

Ditch No. 5

From..... To.....

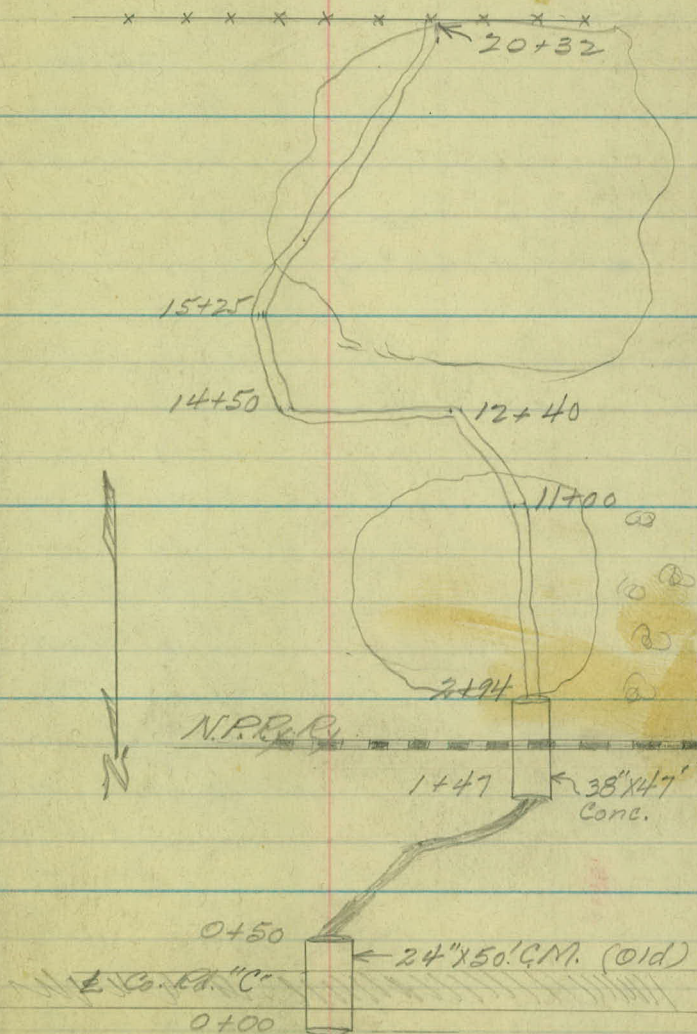
Road Acc't. No.....

Date Filed 5/25/31 File.....

2-19-31

P.M.

(Ditch #5)



	+	H.I.	-	Elev.	
B.M.	12.25	112.25		100.00	213.60
0+00				100.00	213.60

+50				99.63	213.23
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1+00				101.35	214.95
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+47 invert N. end of pipe under tracks.

T.P.	5.52	116.23	1.54	110.71
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T.P.	2.22	107.50	10.95	105.28
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+94

2+00 = Sta. 72+19

+50

3+00 = Sta. 71+19

+50

101.2	214.8
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101.1	214.7
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4+00 = Sta. 70+19

101.0	214.6
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+50

101.1	214.7
-------	-------

5+00

101.1	214.7
-------	-------

+50

101.2	214.8
-------	-------

6

101.0	214.6
-------	-------

+50

101.3	214.9
-------	-------

7

101.5	215.1
-------	-------

+50

101.8	215.4
-------	-------

8

101.8	215.4
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Left £ Right. (2-19-31)
P.M.
[Invert) N. end of X Dr. under Co. Rd. C"
12.25 ✓ 213.60

12.62 -

11.9 -

11.30 - 101.05 214.65

5.95 - 101.55 215.15

5.7 - 101.80 215.4

6.1 - 101.4 215.0

$\frac{4.8}{234}$ $\frac{6.1}{200}$ $\frac{6.0}{150}$ $\frac{6.1}{100}$ $\frac{6.4}{50}$ $\frac{6.2}{10}$ 6.3 - $\frac{6.0}{50}$ $\frac{5.5}{30}$

6.4 -
 $\frac{5.5}{223}$ $\frac{6.1}{200}$ $\frac{6.0}{150}$ $\frac{5.8}{100}$ $\frac{6.2}{50}$ $\frac{6.3}{15}$ $\frac{5.8}{12}$ $\frac{5.8}{7}$ 6.5 - $\frac{6.1}{9}$ $\frac{5.6}{50}$

6.4 -
 $\frac{5.5}{213}$ $\frac{6.1}{200}$ $\frac{6.1}{150}$ $\frac{6.1}{100}$ $\frac{6.1}{50}$ $\frac{5.7}{3}$ 6.4 $\frac{5.9}{3}$ $\frac{5.6}{50}$ $\frac{5.2}{70}$

6.3
 $\frac{5.5}{214}$ $\frac{6.1}{200}$ $\frac{5.9}{150}$ $\frac{6.1}{100}$ $\frac{5.9}{50}$ $\frac{5.9}{3}$ 6.5 $\frac{6.0}{3}$ $\frac{5.5}{50}$

6.2
 $\frac{5.5}{196}$ $\frac{6.1}{150}$ $\frac{6.5}{100}$ $\frac{6.2}{50}$ $\frac{5.5}{3}$ 6.0 $\frac{5.5}{9}$ $\frac{5.0}{26}$

5.7
 $\frac{5.4}{177}$ $\frac{5.8}{150}$ $\frac{6.5}{100}$ $\frac{6.2}{50}$ $\frac{5.2}{3}$ 5.7 $\frac{5.0}{4}$ $\frac{4.8}{23}$

Sta.	+	H.I	-	Elev.
		107.50		
T.P.	6.85	111.00	3.35	104.15 227.75
8+50				101.9 215.5
9				102.0 215.6
+50				102.2 215.8
10				102.7 216.3
+50				102.8 216.4
11				103.5 217.1
+50				104.6 218.2
12				104.9 218.5
+50				105.2 218.8
13				105.9 219.5
+50				106.2 219.8
T.P.	9.63	116.90	3.73	107.27 220.87
14				107.0 220.6
+50				106.5 220.1
15				107.4 221.0
+50				108.1 221.7
16				108.1 221.7
+50				108.3 221.9
17				108.5 222.1
+50				108.2 221.8
18				108.2 221.8
+50				108.5 222.1
19				108.6 222.2
+50				109.1 222.7
20				109.3 222.9
+32				109.5 223.1

Left.

£

2-19-31
Right. P.M.

$\frac{8.1}{162}$	$\frac{9.2}{150}$	$\frac{9.5}{100}$	$\frac{9.3}{50}$	$\frac{8.3}{3}$	9.1	$\frac{8.3}{3}$	$\frac{8.0}{30}$
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$\frac{7.7}{135}$	$\frac{8.2}{110}$	$\frac{8.7}{100}$	$\frac{8.4}{50}$	$\frac{7.4}{4}$	8.8	$\frac{7.3}{4}$	$\frac{6.8}{33}$
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8.2

7.5

6.4

6.1

5.8

5.1

10.7

9.9

10.4

9.5

8.8

8.8

8.6

8.4

 $\frac{8.3}{150}$

8.7

8.7

8.4

8.3

7.8

7.6

7.4

116.90

B.M.

5.50 111.40 225.00

Top of Big Rock 35' ± 12+80