

Book 96 Dr 16

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

ROBINSON LAKE

From " To Ditch #4

Road Acc't. No.

Date Filed. 1-30-43

File

Align

Robinson Lake Profile

9-30-42

HAW

AM

L.C

LL

CF

Align

Pages

1-5

Profile

5-14

Drawn up for estimate

10/42 WJB

Sta

Pt

ΔL

ΔR

9+572⁰

P.1

4° 40'

7+6015

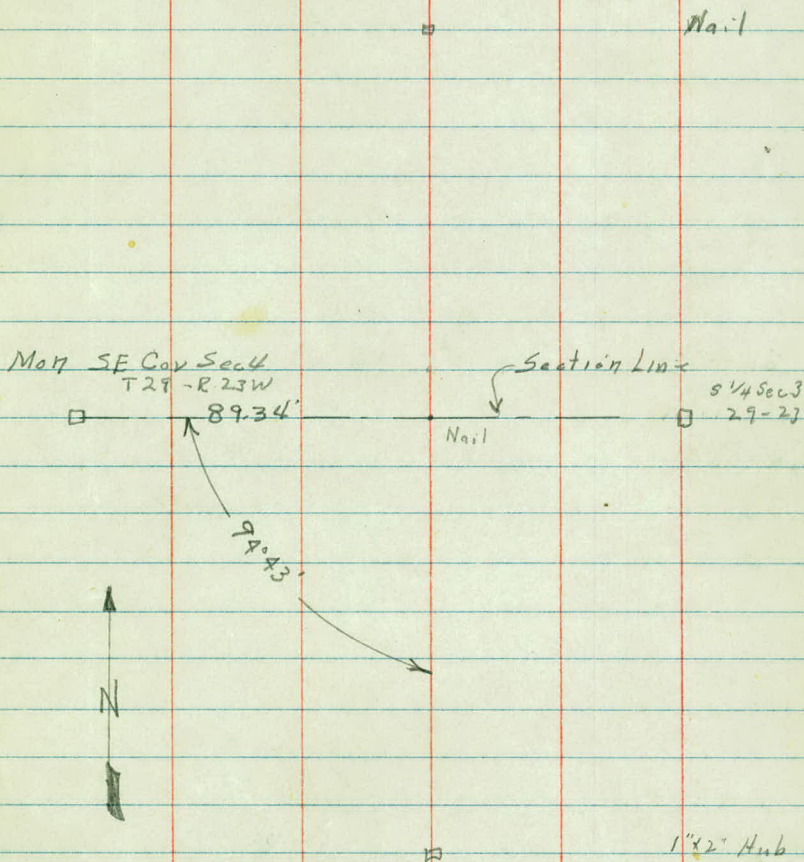
P.O.T

7+600

P.O.T

0+00

Description



In Robinson Lake

Sta

Pt

ΔL

ΔR

16+83.10

$\checkmark 55^{\circ}39'$

15+66.60

P.1

$\checkmark 22^{\circ}01'$

14+08.30

P.1

$29^{\circ}00'$

12+09.40

P.1

$4^{\circ}29'$

Description

D

182" Hub

D

182" Hub

D

182" Hub

D

182" Hub

Stg

Pt

ΔL

ΔR

22+5460

P1

$\sqrt{62^{\circ}50'}$

21+6712

P1

$\sqrt{55^{\circ}03'}$

20+0740

$\sqrt{30^{\circ}12'}$

18+4385

P1

$\sqrt{32^{\circ}47'}$

Description

□

1x2 Hub

□

1x2" Hub

□

1x2 Hub

□

1x2 Hub

Stg	Pt.	Δ Lt	Δ Rt
37+31 ²⁰	P.1		83°49'

30+46.07	P.O.T.		
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30+29 ²⁰	P.1	27°55'	
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26+95 ²⁰	P.1	37°50'	
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25+22 ⁹⁰	P.1	✓ 25°53'	
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Description

1x2" Hub

S.E. Cor Sec 4
T 29-23 R

Mon

96.41'

766.85'

E 1/4 Cor
Sec 4

Mon



1x2" Hub

Sta

Pt

$\Delta L +$

$\Delta R +$

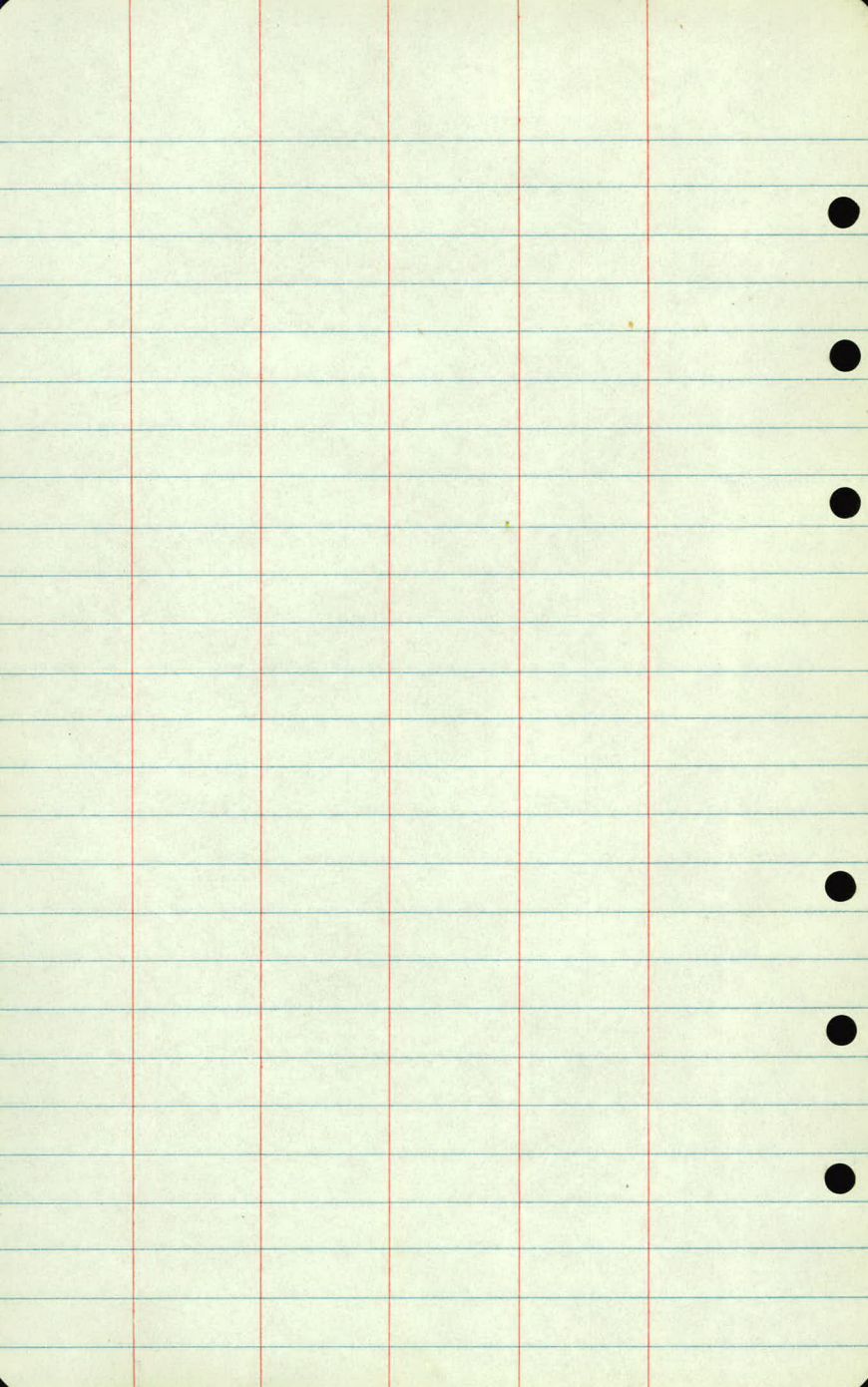
41+50

Edge Lake

39+48⁰⁰ P. 1

35⁰⁰ 00

Description



Robinson Lake

Proposed Profile

Sta	+	Σ	-	Elev
B.M	578	921.66		915.88
	2.01	911.33	12.34	909.32

T.P	11.52	920.84	2.01	909.32
B.M	3.93	916.94	7.83	913.01
6+50				05.0

+66				05.8
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+77	15" X	Drain		05.61
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+83				07.4
-----	--	--	--	------

7	Shld	Snellings	15.5	Curve
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+23	Shld	"	09.9	?
-----	------	---	------	---

+35	"	X Drain		08.78
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+50				09.3
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+64				09.3
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Sprk in H. Pole Sta 106 to 2 Co Rd C⁴ Snelling

Low spot Lake 9.0 ^{902.33} 700' S of Hub
W.S 9/28/42 on Snelling Curve

555

905.78

Sprk in PP NE Cor Snelling Curve & Snelling Ave

11.9

11.1

11.33 ^{905.61}

9.5

1.4

7.0

8.16

7.6

7.6

Sta	+	Δ	-	Elev
		916.94		
7	+69			11.3
	+77			16.3
+86.5		Top	South Rail	16.88
+91.5		"	North Rail	16.84
8				16.24
T.P.	442	920.92	0.44	916.50
+08				11.8
+16				11.3
+33				11.6
+50				14.8
+60				14.7
+66				15.7
+76				16.3

~~2~~

5.2

0.6

0.06

0.10

0.7

9.1

7.6

9.3

6.1

6.2

5.2

4.6

Sts	+	π	-	E/rv
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920.92

8+89

15.6

+93

13.8

9

13.6

+50

14.4

10

15.7

+50

16.4

11

16.1

+50

15.3

12

15.3

+09.40

P.1

15.2

+50

14.0

13

13.2

~~8~~

5.3

7.1

7.3

6.5

5.2

4.5

4.8

5.6

5.6

5.7

6.9

7.7

Sta	+	Δ	-	Elev
		920.92		
13+50				14.4
14				13.5
+08.30	P.1			13.3
T.P.	5.45	919.09	7.28	913.64
+50				12.6
15				12.1
+50				10.8
+66.49	P.1			10.4
16				09.9
+50				09.0
+83.19				08.3
17				08.4
+50				09.0

Σ

6.5

7.4

7.6

6.5

7.0

8.3

8.7

9.2

10.1

10.8

10.7

10.1

Sta	+	π	-	Elev
		919.09		

18				09.1
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+43.85	P.1			08.3
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+50				07.5
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19				07.0
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+50				06.9
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20				05.8
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+07.40	P.1			05.8
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T.P.	5.51	911.55	13.05	906.04
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+50				05.7
-----	--	--	--	------

21				05.4
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+50				05.0
-----	--	--	--	------

+67.10	P.1			04.8
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22				04.8
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Lt

Σ

Rt

10.8

10.8

11.6

12.1

12.2

13.3

13.3

59

Waterhole

904.45 7.1/19

6.2

904.45 7.1/15

6.6

6.8

6.8

Sta	+	π	-	Elev
		911.55		
22+25				05.1
+40				04.4
+54 ⁶⁰	P.I			04.5
+75				04.2
23				03.5
+50				03.2
24				02.3
T.P.	2.41	907.50	6.46	905.09
+50				01.3
25				02.3
+22 ⁷⁰	P.I			03.3
+50				02.7
26				01.1

Lt

2

Rt

35
904.
7.2
11

65

72

71

74

81

84

Waterhole
93/4 902.25

93

Nail in Fe. Post 35' Lt Stg 24+50

62

Pothole W. S. 415

52

42

48

64

Sta	+	$\bar{X}$	-	Elev
		907.50		
26+12				01.4
+50				98.3
+977 ⁹	P.1			97.1
27				96.9
+50				96.2
28				95.8
+50				95.5
29				93.7
+50				93.5
30				93.7
T.P.	6.22	905.04	8.68	898.82
+297 ⁰				98.1
+50				98.6

Lt

£

Rt

61

92

104

896.55
W.S. 1095

106

113

117

120

138

140

13.8

6.9

6.4

Sta	+	Δ	-	Elev
✓		905.04		
31				98.6
+50				95.2
32				93.7
+50				92.7
33				93.0
+50				92.8
34				94.0
+50				93.8
T.P.	4.14	904.71	4.47	900.57
35				94.2
+50				94.5
36				95.3
+50				96.0

~~2~~

6.4

9.8

11.3

12.3

12.0

12.2

11.0

11.2

10.5

10.2

9.4

8.7

896.67

8.04

W.S

9/30/42

Sta	+	Δ	-	Elev
		904.71		
37				95.9
+31.70	P.1			95.9
+50				95.2
38				95.8
+50				95.8
39				96.2
+48 ⁰⁰	P.1			95.7
40				95.4
+50				95.3
41				94.7
+50				94.2
T.P	2.14	902.71	4.14	900.57
B.M			4.45	898.06 898.03

~~*~~

88

88

9.5

8.9

89

85

9.0

9.3

94

10.0

10.5

 w. 5
 9.81
 Waterhole
 on Ditch #1

894.90

Spk in 18" Oak 100

