

Book 66 - Dr. 6

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

OTTER LAKE RD.

From CO. RD. "G" To S. BIR. LAKE BLVD

Road Acc't. No.

Date Filed 1935

File 6

1
Otter Lake Road
Co. Road "G" to So. Birch Lake Blvd.

Cross-sections for borrow
to be used on Birch Lake Ave.

Plan complete
July 30, 35

W. H. Carlson
July 25, 1935

8421.7

P.O. T.

212 Hub

0400

Men.

2 Co. Ed. G

Stone Man.

Center Sec. 15

N. Birch Lake Blvd.

BIRCH
LAKE

Birch Lake
Ave.

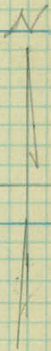
Blvd.

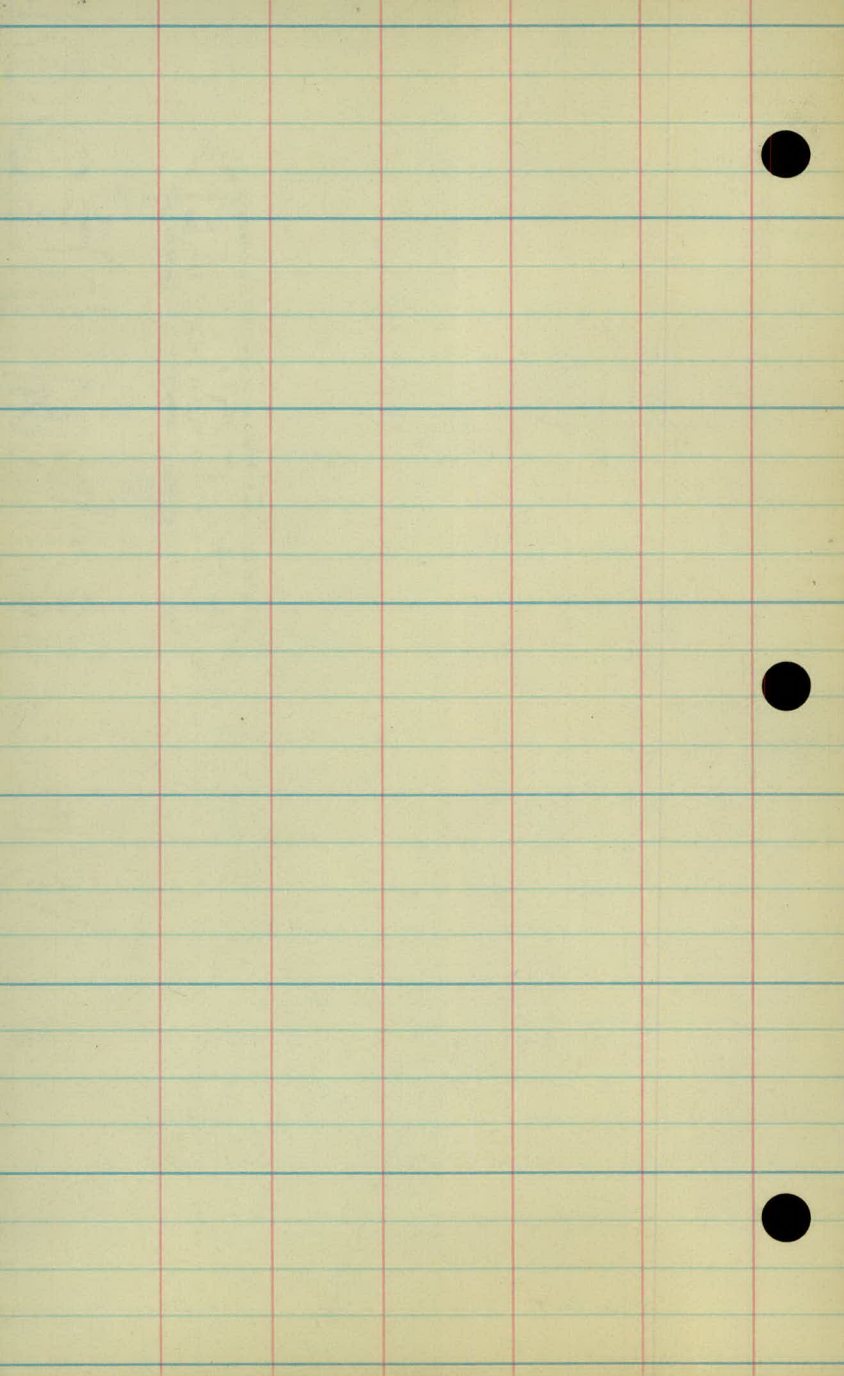
S. Birch Lake

BORROW

BOTTOM

Stone Man.





Topography

4

3

2

1

oto L G. Rd. "G" - J. H. #96

+77-T.P. 28'

Rd. 15'

Rd. 4'

+82-T.P. 18'

Rd. 13

Rd. 5'

+75-T.P. 28'

+55-T.P. 19'

Rd. 14'

cult.

cult.

Rd. 6'

+75-T.P. 28

+75-T.P. 21'

Rd. 12'

Rd. 8'

+41-T.P. 27'

+13- edge terr. 19.

+75-# Shallow
c ditch.

8+71.7 P.O.T. Her 5

8

7+80- Approx 2 Birch Lake Blvd.

7

6

5

Birch Lake

Edge Rd. 97'
+85-9hds. 11'

+50 Shd. Rd. 44'

Shd. 1r 55'

+80 Shd. Rd. 18'

+50 cor. Cult. field 39'

Rd. 17'

+65- T.P. 30'

Rd. 17'

Cult

+96-T.P. 38'
+85-Shd. Rd. 29'

+50-Shd. Rd. 14'

+08-T.P. 15'
Shd. Rd. 9'

+86-1" Oak 33'
+78-12" Oak 32'

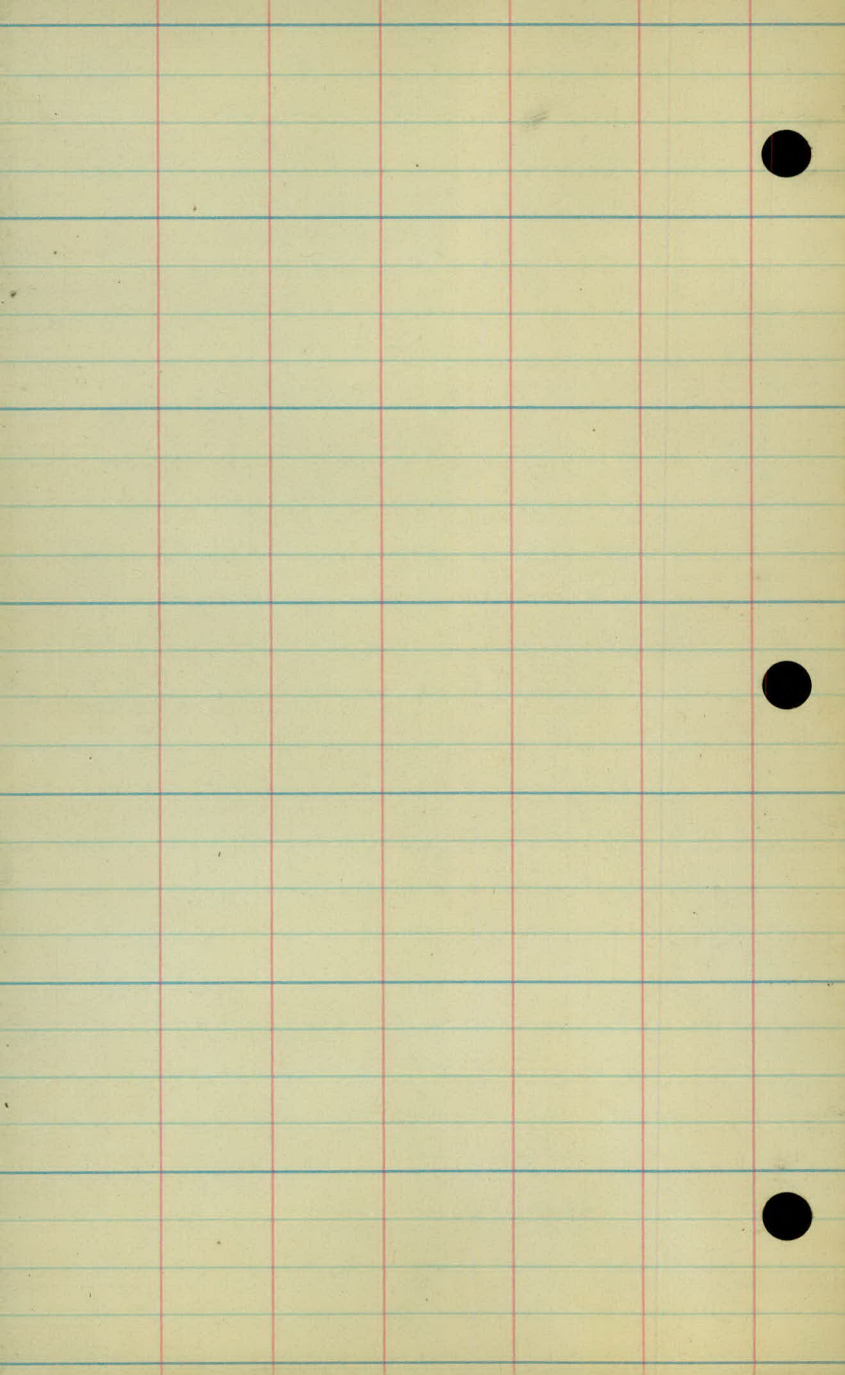
+50-12" Oak-25'
+96 T.P. 15'

Rd. 4'

Cult

+12-T.P. 16'

Rd. 5'



x-sections.

Sta.	+	π	-	Elev.
B.M.	2.69	202. ⁶⁹		200 ⁰⁰

3.02.

4.80

oto	± Co. Rd. "G."	98.1
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of 33		97.7
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Ho		97.6
----	--	------

2to		97.6
-----	--	------

3to		97.8
-----	--	------

4to		96.9
-----	--	------

5to		94.2
-----	--	------

6to		92.7
-----	--	------

765		91.1
-----	--	------

7		90.5
---	--	------

730		90.4
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780	± S. Birch Lake Riva.	91.5
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spike in Top 14" Stp. 33' So. and 75' West of Mon. G. Rd. & Otter Lake Road.

Bent Spike in 16" Oak. S. E. of Mon.

Top Mon. G. Rd. G. & Otter Lake Rd.

$$\begin{array}{r} 5.4 \\ 30. \\ \hline \end{array}$$

$$\begin{array}{r} 460. \\ 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4.4 \\ 50 \\ \hline \end{array}$$

$$\begin{array}{r} 5.2 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 5.4 \\ 26 \\ \hline \end{array} \quad \begin{array}{r} 4.7 \\ 15 \\ \hline \end{array} \quad \begin{array}{r} 5.2 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 5.0 \\ \hline \end{array} \quad \begin{array}{r} 5.3 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 4.5 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 5.0 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 5.3 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 4.5 \\ 27 \\ \hline \end{array} \quad \begin{array}{r} 4.3 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 5.3 \\ 11 \\ \hline \end{array} \quad \begin{array}{r} 5.1 \\ \hline \end{array} \quad \begin{array}{r} 5.2 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 4.4 \\ 12 \\ \hline \end{array} \quad \begin{array}{r} 4.6 \\ 18 \\ \hline \end{array} \quad \begin{array}{r} 3.8 \\ 25 \\ \hline \end{array} \quad \begin{array}{r} 4.8 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 5.5 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 4.0 \\ 27 \\ \hline \end{array} \quad \begin{array}{r} 4.5 \\ 23 \\ \hline \end{array} \quad \begin{array}{r} 4.2 \\ 16 \\ \hline \end{array} \quad \begin{array}{r} 5.3 \\ 14 \\ \hline \end{array} \quad \begin{array}{r} 5.1 \\ \hline \end{array} \quad \begin{array}{r} 5.2 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 4.3 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 4.4 \\ 16 \\ \hline \end{array} \quad \begin{array}{r} 3.8 \\ 22 \\ \hline \end{array} \quad \begin{array}{r} 4.5 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 5.3 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 4.1 \\ 28 \\ \hline \end{array} \quad \begin{array}{r} 4.2 \\ 15 \\ \hline \end{array} \quad \begin{array}{r} 5.0 \\ 14 \\ \hline \end{array} \quad \begin{array}{r} 4.9 \\ \hline \end{array} \quad \begin{array}{r} 5.0 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 3.8 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 4.0 \\ 14 \\ \hline \end{array} \quad \begin{array}{r} 3.4 \\ 23 \\ \hline \end{array} \quad \begin{array}{r} 3.7 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 5.9 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 5.0 \\ 30 \\ \hline \end{array} \quad \begin{array}{r} 4.7 \\ 16 \\ \hline \end{array} \quad \begin{array}{r} 5.7 \\ 15 \\ \hline \end{array} \quad \begin{array}{r} 5.5 \\ 6 \\ \hline \end{array} \quad \begin{array}{r} 5.8 \\ \hline \end{array} \quad \begin{array}{r} 6.0 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 4.6 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 4.9 \\ 12 \\ \hline \end{array} \quad \begin{array}{r} 4.0 \\ 22 \\ \hline \end{array} \quad \begin{array}{r} 4.3 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 10.1 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 9.4 \\ 30 \\ \hline \end{array} \quad \begin{array}{r} 8.9 \\ 18 \\ \hline \end{array} \quad \begin{array}{r} 8.2 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 8.5 \\ \hline \end{array} \quad \begin{array}{r} 8.6 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 7.9 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 8.3 \\ 10 \\ \hline \end{array} \quad \begin{array}{r} 6.0 \\ 17 \\ \hline \end{array} \quad \begin{array}{r} 5.1 \\ 25 \\ \hline \end{array} \quad \begin{array}{r} 6.0 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 11.0 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 10.0 \\ 30 \\ \hline \end{array} \quad \begin{array}{r} 10.3 \\ 18 \\ \hline \end{array} \quad \begin{array}{r} 9.8 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 10.0 \\ \hline \end{array} \quad \begin{array}{r} 10.3 \\ 3 \\ \hline \end{array} \quad \begin{array}{r} 9.3 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 8.8 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 5.7 \\ 25 \\ \hline \end{array} \quad \begin{array}{r} 5.4 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 11.6 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 11.6 \\ 19 \\ \hline \end{array} \quad \begin{array}{r} 11.2 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 11.6 \\ \hline \end{array} \quad \begin{array}{r} 11.7 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 9.8 \\ 7 \\ \hline \end{array} \quad \begin{array}{r} 8.7 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 7.9 \\ 21 \\ \hline \end{array} \quad \begin{array}{r} 7.3 \\ 19 \\ \hline \end{array} \quad \begin{array}{r} 5.5 \\ 35 \\ \hline \end{array}$$

$$\begin{array}{r} 12.0 \\ 33 \\ \hline \end{array} \quad \begin{array}{r} 12.5 \\ 22 \\ \hline \end{array} \quad \begin{array}{r} 12.0 \\ 9 \\ \hline \end{array} \quad \begin{array}{r} 12.2 \\ \hline \end{array} \quad \begin{array}{r} 12.0 \\ 4 \\ \hline \end{array} \quad \begin{array}{r} 11.5 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 11.5 \\ 13 \\ \hline \end{array} \quad \begin{array}{r} 10.2 \\ 17 \\ \hline \end{array} \quad \begin{array}{r} 9.0 \\ 26 \\ \hline \end{array} \quad \begin{array}{r} 8.0 \\ 33 \\ \hline \end{array}$$

$$\begin{array}{r} 12.8 \\ 8 \\ \hline \end{array} \quad \begin{array}{r} 12.0 \\ 12 \\ \hline \end{array} \quad \begin{array}{r} 12.4 \\ 20 \\ \hline \end{array} \quad \begin{array}{r} 11.4 \\ 27 \\ \hline \end{array} \quad \begin{array}{r} 10.0 \\ 33 \\ \hline \end{array}$$

11.2

