

Book 34-Dr. 6

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan Survey

BIBEAU ROAD

From So. Birch L. Blvd. To $\frac{1}{2}$ Mi. E. of Centerville Rd.

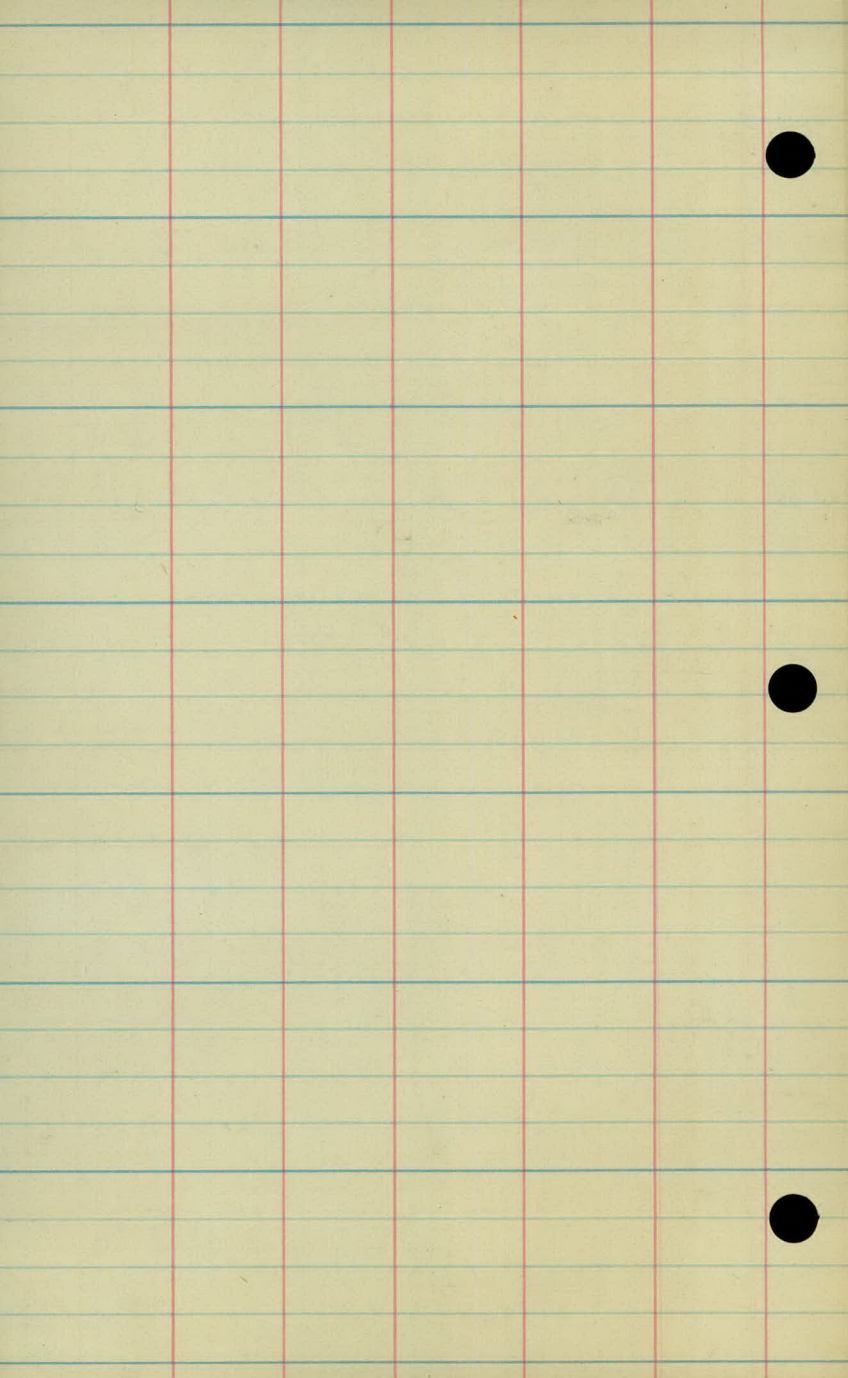
Road Acc't. No.

Date Filed 6-12-35

File

Plan Survey
Bibeau Road
from
So. Birch Lake Blvd
to $\frac{1}{2}$ Mi. E. of Centerville Rd.

Index	
Alignment	P 1-2
Topography	3-7
Levels & X-Sec.	8-11



1

Alignment.

Sta.

Print

26+53.65

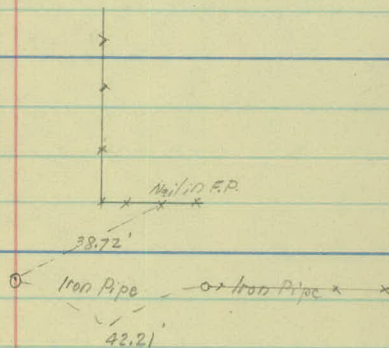
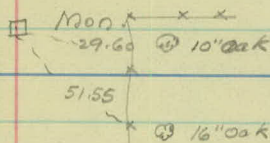
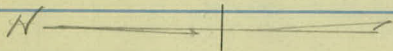
13+76.4

12+12.8

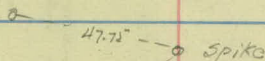
P.O.T.

12+00 (Beg. Project)

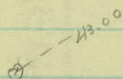
0+0



Nail in T.P.



X in large Boulder



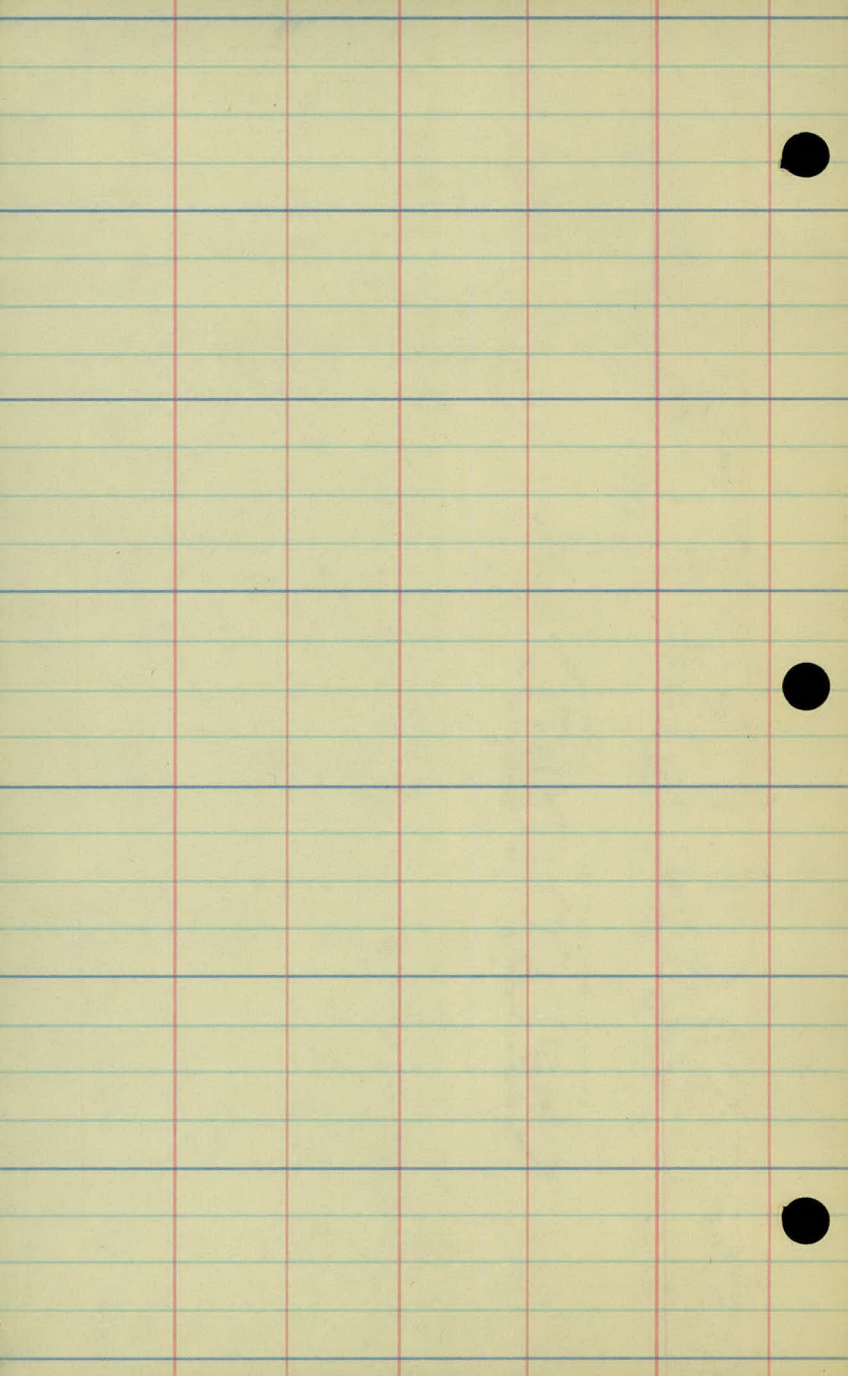
Center Sec. 21

T. 30. R. 22

20' Cont. Pav.

Stone Mon.

of Centerville Road.



Topography/

1040

070

cultivated.

24' Gravel Road.

cultivated.

20' Conc. Pavé
center ville Road.

16

15

14

13

+89-2 12"X20' C.M. culv (old)

12 - (Begin Project)

11

10

120
3'

Rd.
5'

F-9

5

F-9'

Rd.
4

Rd.
4

F-10

4-Wire Steel Post
(New fence)

F-10'

+26-F. Line 42'
+45-F. Cor 10'-42'
+37-Rd. Rt.
+36-E. Culv. 12'
+15-E. Culv. 12'
OK 10'x20' C.M.

+90-G. Pop. 25'

+56-E. Culv.
11'

+31-E. Culv. 9' } 15'x30' C.M.
+11 " 34' }

Birch Lake Rd

+60-E. Culv. 9'

Rd 6" 10'-34' N

+50-Rd. 12'

+50-Rd. 12'

Rd. 12'

Rd. 12'

23

22

21

20

102- 12"X16' C.M. CURV -
OK.

19

18

17

Brush 9-18"

6

Rd- 3'

Rd. 5' 700-Beg. Brush 9-12"
F. 9'

open field

Rd
3

Rd
5

F. 9'

cult.

+500 Beg Cult

Rd
3

Rd.
5

Low
Ground
F. 9'

open field.

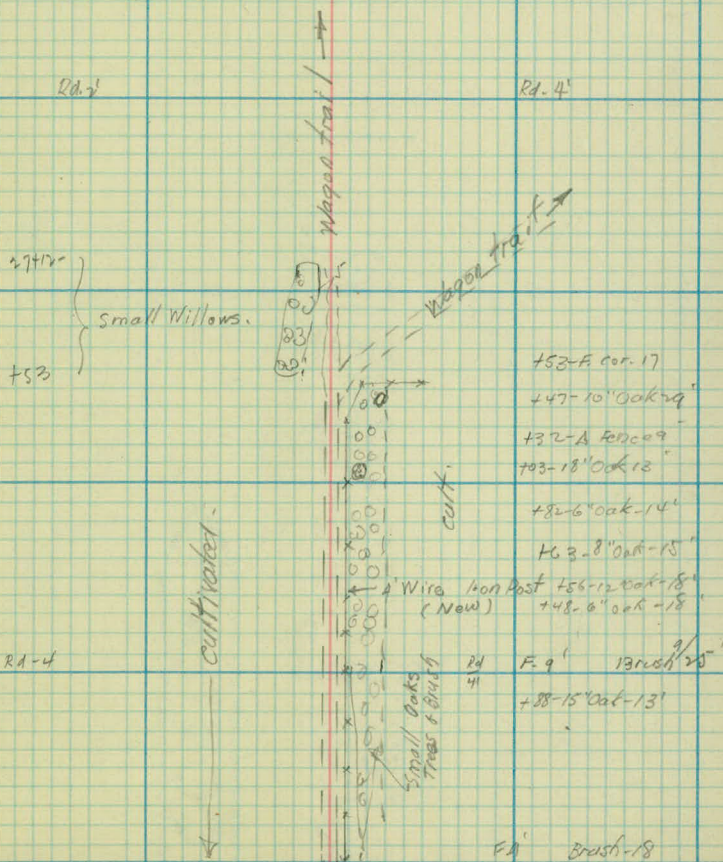
28

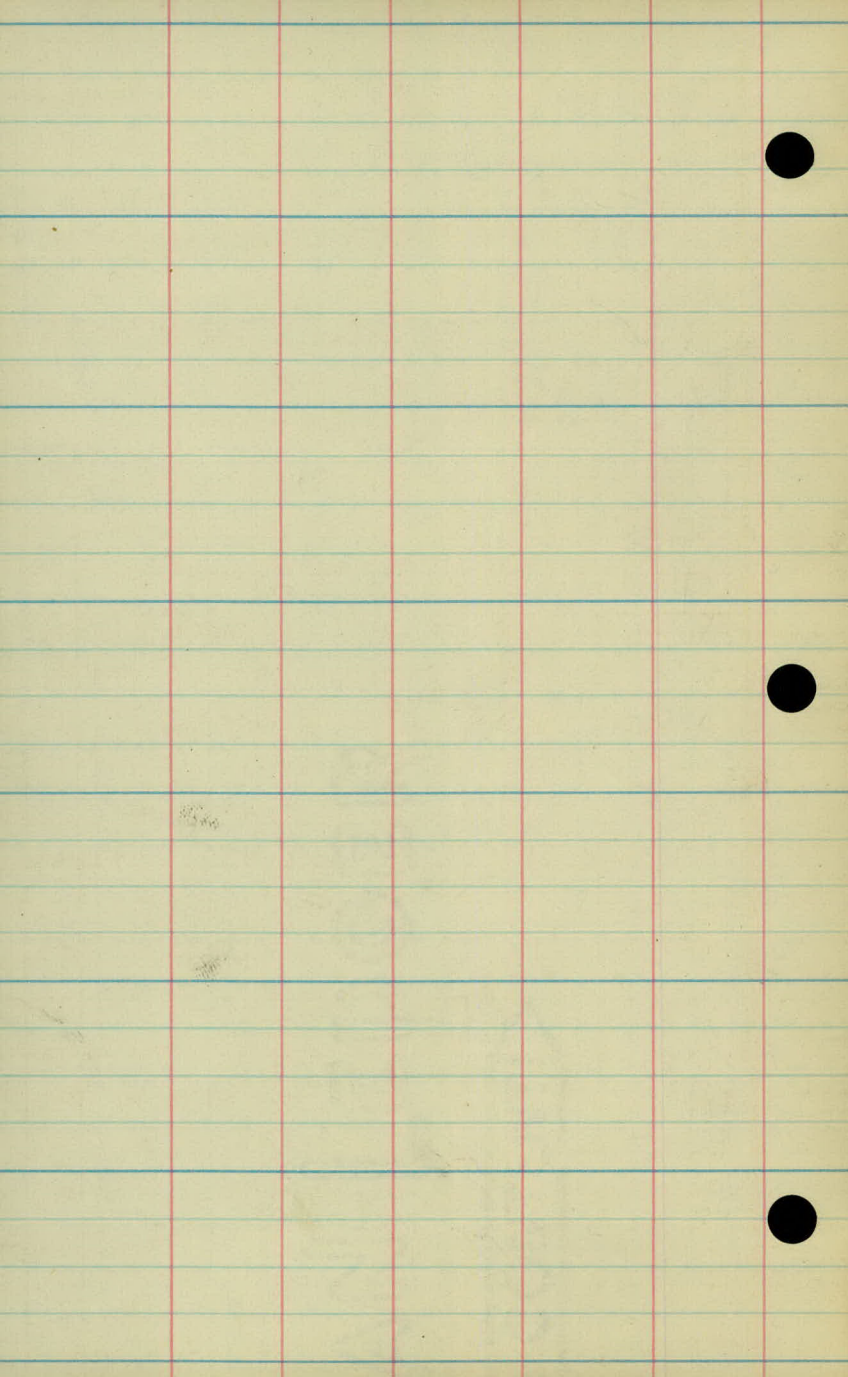
27

26

25

24





Levels & X-sections.

Sta.	+	T	-	Elev.
B.M.	4.16	204.16		200.00 Assumed
B.M.	6.65	204.16	6.65	197.51
T.P.	7.63	202.73	3.06	201.10
B.M.	5.83	202.73	5.83	196.90
10+0			2.9	99.8
11+0			3.7	99.0
+75			4.8	97.9
12+0			4.8	97.9
+25			5.6	97.10
+50			6.3	96.4
13			7.0	95.7
+76			7.5	95.2
14			10.4	92.3
15			12.9	89.8
T.P.	2.11	192.04	12.80	189.93

Spike in Stp 40' west of 65' N. of Centerville Rd. & Birch Lake Blvd.
 Top Stone Mon. 2 20' Ave. Cent. Rd. & S. Birch Lake Blvd.

+ Top Large Boulder 30' Lt. Sta: 11+80 94.5

95.9
 68 59 7.0 7.1 3.6 29 3.6 6.7 7.8 8.2
 33 25 22 18 12 12 17 22 33

97.5 95.1
 5.2 54 6.0 6.2 4.2 3.7 4.4 6.0 7.6
 33 24 21 17 13 12 16 33

96.7 96.4
 6.0 7.4 7.0 5.5 4.8 4.9 6.7 7.1 6.3
 31 26 20 16 9 14 21 33

96.6 96.5

E.Rd = 6.1 5.2 4.8 4.9 5.4 7.9 7.7 6.2
 28 17 7 10 18 24 33

Flow Line Cut $\frac{1}{2}$ 8.5 8.8 out

97.7 97.8

E.Rd = 5.0 E.R. = 4.8 5.5 5.6 5.9 7.2 4.9
 33 11 6 9 9 17 33

95.6 97.4

7.2 7.1 5.4 6.3 6.7 7.3 5.3
 20 9 3 9 9 15 33

96.0 95.7

6.7 6.7 7.8 7.2 7.0 7.5 8.9 7.9 7.0
 28 9 7 5 8 12 14 33

95.5 95.1

7.2 7.7 7.5 7.9 7.5 7.3 7.6
 33 9 7 4 14 33

93.0 92.2

11.1
 27 96 7.1 10.5 10.4 10.5 11.2 10.5
 33 12 7 4 4 8 33

90.90 86.5

11.8 13.0 13.7 12.9 12.9 13.5 14.6 16.2
 33 11 9 5 5 8 33

Sta.	+	π	-	Elev.
16+0		192.04	2.6	89.4
17+0			3.8	88.2
+60			4.8	87.2
18+0			6.0	86.0
+50			8.0	84.0
+02				
19+			8.5	83.5
+50			8.8	83.2
20+0			8.3	83.7
+50			7.6	84.4
21+0			7.3	84.7
T.P.	10.10	195.25	6.89	185.15
+50			9.1	86.1
22			7.4	87.8
+35			6.9	88.3

Gravel cartway
Sand loam

90.8

 $\frac{12}{33}$ $\frac{25}{12}$ $\frac{3.6}{8}$ $\frac{2.7}{4}$ $\frac{2.6}{4}$ $\frac{3.0}{5}$ $\frac{4.2}{9}$ $\frac{4.2}{33}$

87.1

 $\frac{49}{33}$ $\frac{5.0}{18}$ $\frac{4.4}{10}$ $\frac{5.2}{8}$ $\frac{4.1}{4}$ $\frac{3.8}{6}$ $\frac{4.2}{9}$ $\frac{5.1}{43}$

87.6

 $\frac{4.4}{33}$ $\frac{4.8}{10}$ $\frac{5.9}{7}$ $\frac{5.0}{3}$ $\frac{4.8}{5}$ $\frac{5.1}{9}$ $\frac{6.3}{15}$ $\frac{5.6}{33}$

86.9

 $\frac{5.1}{33}$ $\frac{5.3}{11}$ $\frac{6.8}{6}$ $\frac{6.0}{2}$ $\frac{6.0}{5}$ $\frac{6.1}{9}$ $\frac{6.3}{17}$ $\frac{6.0}{33}$

83.2

 $\frac{5.8}{33}$ $\frac{8.4}{10}$ $\frac{9.1}{7}$ $\frac{8.0}{3}$ $\frac{8.0}{5}$ $\frac{8.2}{9}$ $\frac{9.0}{8}$ $\frac{8.8}{33}$

87.8

87.7

85.4

85.1

83.2

Cu Nv

Fl. Line 10.0

1032

Fl. Line

Low Group

83.3

 $\frac{8.7}{33}$ $\frac{9.1}{10}$ $\frac{9.9}{7}$ $\frac{8.7}{3}$ $\frac{8.5}{5}$ $\frac{8.7}{9}$ $\frac{10.2}{9}$ $\frac{11.2}{33}$

84.1

 $\frac{7.9}{33}$ $\frac{8.6}{8}$ $\frac{9.4}{6}$ $\frac{8.8}{3}$ $\frac{8.8}{8}$ $\frac{8.1}{8}$ $\frac{10.0}{12}$ $\frac{11.5}{33}$

86.0

 $\frac{6.0}{33}$ $\frac{7.8}{8}$ $\frac{8.9}{6}$ $\frac{8.4}{3}$ $\frac{8.8}{5}$ $\frac{8.7}{10}$ $\frac{10.0}{10}$ $\frac{11.2}{33}$

89.1

 $\frac{2.9}{33}$ $\frac{6.9}{8}$ $\frac{8.0}{6}$ $\frac{7.7}{4}$ $\frac{7.6}{5}$ $\frac{8.0}{5}$ $\frac{9.6}{10}$ $\frac{11.0}{33}$

84.6

 $\frac{3.4}{33}$ $\frac{5.3}{20}$ $\frac{7.4}{6}$ $\frac{7.3}{5}$ $\frac{7.8}{5}$ $\frac{9.5}{10}$ $\frac{10.8}{33}$

88.4

 $\frac{6.8}{33}$ $\frac{8.7}{9}$ $\frac{9.8}{6}$ $\frac{9.3}{3}$ $\frac{9.1}{6}$ $\frac{9.4}{6}$ $\frac{12.2}{11}$ $\frac{13.5}{33}$

93.0

 $\frac{2.2}{33}$ $\frac{5.9}{15}$ $\frac{6.0}{7}$ $\frac{8.3}{5}$ $\frac{7.4}{5}$ $\frac{7.0}{2}$ $\frac{7.7}{7}$ $\frac{9.5}{11}$ $\frac{12.2}{33}$

95.4

 $\frac{7.0}{33}$ $\frac{2.2}{12}$ $\frac{7.5}{5}$ $\frac{6.9}{5}$ $\frac{7.0}{8}$ $\frac{7.8}{10}$ $\frac{8.4}{18}$ $\frac{10.8}{33}$

84.4

St.	+	Σ	-	Elev.
		195.25		
23+0			10.5	84.7
T.P.	1.60	186.57	10.28	184.97
+50			4.9	81.7
24+0			6.3	80.3
25			7.5	79.1
26			7.6	79.0
+53.65 Top Mon.			7.77	178.80
27 - E Extended				79.1
28 "				79.3
check Levels (Back)				
B.M.	11.35	190.15		178.80
T.P.	12.16	196.32	5.99	184.16
T.P.	6.09	201.49	0.92	195.40
B.M.	8.46	205.33	4.62	196.87
T.P.	4.12	203.89	5.56	199.77
B.M.			6.43	197.46
B.M.			3.92	199.97 ✓

Sandy Loam

Lt.

Q

Rt.

11

87.0

81.6

$\frac{82}{33}$	$\frac{9.1}{20}$	$\frac{9.6}{8}$	$\frac{11.1}{5}$	$\frac{10.8}{3}$	$\frac{10.5}{1}$	$\frac{11.0}{12}$	$\frac{12.2}{13}$	$\frac{13.6}{33}$
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Top Stake of 73

78.9

$\frac{82.5}{33}$	$\frac{4.4}{8}$	$\frac{5.3}{6}$	$\frac{4.9}{4}$	$\frac{4.9}{1}$	$\frac{5.2}{6}$	$\frac{5.9}{10}$	$\frac{7.7}{33}$
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80.5

79.2

$\frac{6.1}{38}$	$\frac{6.4}{5}$	$\frac{6.3}{1}$	$\frac{6.5}{5}$	$\frac{6.9}{11}$	$\frac{6.6}{19}$	$\frac{7.4}{24}$	$\frac{7.4}{33}$
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79.0

77.9

$\frac{7.6}{33}$	$\frac{7.7}{6}$	7.5	$\frac{7.8}{6}$	$\frac{8.0}{13}$	$\frac{7.9}{23}$	$\frac{8.6}{27}$	$\frac{8.7}{33}$
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78.7

78.6

$\frac{7.9}{33}$	$\frac{7.8}{9}$	7.6	$\frac{8.0}{7}$	$\frac{7.8}{25}$	$\frac{8.0}{33}$
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78.9

79.1

Top Stone Mon.

$\frac{7.7}{33}$	$\frac{7.7}{19}$	$\frac{7.2}{7}$	7.8	$\frac{7.8}{8}$	$\frac{7.7}{18}$	$\frac{7.5}{33}$
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78.4

78.5

$\frac{8.2}{33}$	$\frac{7.9}{21}$	$\frac{7.1}{16}$	7.5	$\frac{7.5}{16}$	$\frac{8.1}{33}$
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78.4

78.1

$\frac{8.2}{33}$	$\frac{7.1}{12}$	7.3	$\frac{7.3}{6}$	$\frac{8.8}{10}$	$\frac{8.1}{20}$	$\frac{8.5}{33}$
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Stone Mon.

Top Boulder 30' Lt. 11+80

Top Mon. of Centerville Rd.

Spide in Stp. 65' N. of Mon. & 40' W.

