

Book[#] 18, Dr. 11

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN Survey

WESTERN AVE

From MINNESOTA AVE To CO. RD. "B²"

Road Acc't. No.

Date Filed 1934

File 11

Western Ave.
X-Sections

B.M. 13.72 ✓ 995.82 982.10

0+00 @ Minnesota Ave 85.5,

+12 85.1,

+18 85.8,

+22 86.0,

+34 86.2,

+46 90.1,

+75 90.3,

1 89.5,

+50 89.4,

2 93.2,

+25 93.8 ✓

T.P. 7.43 ✓ 1000.13 3.12 992.70 ✓

+58 89.7,

Spk. in 30' Cottonwood 75' Lt. D+15

$$\frac{11.6}{33} \quad 10.3 \quad \frac{9.0}{33}$$

$$\frac{12.2}{33} \quad 10.7 \quad \frac{9.3}{33}$$

$$\frac{11.8}{33} \quad 10.0 \quad \frac{9.3}{33}$$

$$\frac{10.6}{33} \quad \frac{9.4}{24} \quad \frac{10.5}{15} \quad 9.8 \quad \frac{9.8}{15} \quad \frac{8.2}{33}$$

$$\frac{11.1}{33} \quad \frac{10.5}{28} \quad \frac{9.3}{22} \quad \frac{9.6}{16} \quad 9.6 \quad \frac{2.3}{20} \quad \frac{0.0}{33}$$

$$\frac{11.1}{33} \quad \frac{10.4}{27} \quad \frac{8.7}{21} \quad \frac{9.3}{7} \quad 5.7 \quad \frac{2.0}{13} \quad \frac{0.4}{33}$$

$$\frac{11.5}{33} \quad \frac{10.6}{29} \quad \frac{9.3}{26} \quad \frac{8.6}{21} \quad \frac{8.2}{9} \quad 5.5 \quad \frac{2.9}{8} \quad \frac{1.1}{33}$$

$$\frac{12.6}{33} \quad \frac{11.6}{29} \quad \frac{8.8}{21} \quad \frac{8.4}{8} \quad \frac{7.4}{6} \quad 6.3 \quad \frac{3.2}{13} \quad \frac{2.4}{33}$$

$$\frac{10.6}{33} \quad \frac{10.5}{30} \quad \frac{8.5}{23} \quad \frac{8.4}{13} \quad \frac{7.6}{11} \quad 6.4 \quad \frac{3.8}{14} \quad \frac{3.2}{33}$$

$$\frac{6.1}{33} \quad \frac{5.6}{28} \quad \frac{4.7}{25} \quad \frac{4.3}{19} \quad \frac{6.0}{17} \quad \frac{6.0}{11} \quad \frac{3.6}{8} \quad 2.6 \quad \frac{4}{10} \quad \frac{1.5}{21} \quad \frac{0.5}{33}$$

$$\frac{5.4}{33} \quad \frac{5.2}{28} \quad \frac{3.9}{25} \quad \frac{4.0}{20} \quad \frac{5.8}{16} \quad \frac{5.6}{10} \quad \frac{2.7}{5} \quad 2.0 \quad \frac{0.8}{11} \quad \frac{1.8}{16} \quad \frac{1.5}{33}$$

$$\frac{10.9}{33} \quad \frac{10.1}{15} \quad 10.4 \quad \frac{9.9}{8} \quad \frac{8.5}{14} \quad \frac{8.5}{33}$$

✓
1000.13

2+80

89.8 .

3

90.1 .

+50

91.7 .

4

96.2 .

T.P.

6.60

✓
1005.48

1.25

998.88 ✓

+50

98.7 .

5

00.6 .

+30

00.1 .

+60

98.8 .

6

97.2 .

+50

94.0 .

T.P.

1.66

✓
996.94

10.20

995.28 ✓

+59

93.8 .

7

92.0 .

+50

89.8 .

$$\frac{12.7}{33} \quad \frac{12.3}{20} \quad \frac{10.1}{15} \quad 10.3 \quad \frac{10.5}{4} \quad \frac{9.7}{10} \quad \frac{9.2}{33}$$

$$\frac{13.3}{33} \quad \frac{12.4}{21} \quad \frac{9.8}{15} \quad 10.0 \quad \frac{10.3}{5} \quad \frac{9.4}{13} \quad \frac{9.3}{33}$$

$$\frac{10.0}{33} \quad \frac{9.3}{20} \quad \frac{7.9}{16} \quad \frac{8.0}{6} \quad 8.4 \quad \frac{7.6}{10} \quad \frac{7.8}{18} \quad \frac{7.4}{33}$$

$$\frac{4.7}{33} \quad \frac{4.3}{18} \quad \frac{5.7}{11} \quad \frac{5.4}{3} \quad 3.9 \quad \frac{2.9}{10} \quad \frac{3.6}{14} \quad \frac{3.1}{33}$$

$$\frac{5.7}{33} \quad \frac{5.4}{14} \quad \frac{7.7}{9} \quad \frac{7.8}{4} \quad 6.8 \quad \frac{5.2}{2} \quad \frac{4.7}{12} \quad \frac{5.4}{17} \quad \frac{5.8}{33}$$

$$\frac{5.0}{33} \quad \frac{3.9}{11} \quad \frac{5.0}{7} \quad 4.9 \quad \frac{3.6}{5} \quad \frac{3.3}{11} \quad \frac{4.9}{33}$$

$$\frac{6.2}{33} \quad \frac{4.4}{7} \quad \frac{5.2}{5} \quad 5.4 \quad \frac{2.9}{9} \quad \frac{2.8}{12} \quad \frac{3.6}{16} \quad \frac{4.4}{33}$$

$$\frac{8.1}{33} \quad \frac{6.2}{17} \quad \frac{5.1}{8} \quad \frac{6.5}{5} \quad 6.7 \quad \frac{4.1}{9} \quad \frac{6.0}{33}$$

$$\frac{11.0}{33} \quad \frac{8.8}{14} \quad \frac{9.0}{4} \quad 8.3 \quad \frac{7.5}{4} \quad \frac{7.1}{12} \quad \frac{8.0}{17} \quad \frac{9.4}{33}$$

$$\frac{10.4}{33} \quad \frac{11.1}{14} \quad 11.5 \quad \frac{11.5}{13} \quad \frac{12.6}{33}$$

$$\frac{4.0}{33} \quad \frac{4.5}{23} \quad \frac{3.2}{11} \quad 3.1 \quad \frac{3.5}{14} \quad \frac{4.3}{33}$$

$$\frac{3.5}{33} \quad \frac{4.6}{16} \quad 4.9 \quad \frac{6.5}{16} \quad \frac{7.2}{33}$$

$$\frac{4.5}{33} \quad \frac{5.8}{18} \quad 7.1 \quad \frac{7.1}{14} \quad \frac{8.0}{17} \quad \frac{7.9}{24} \quad \frac{9.1}{33}$$

996.94

8 90.2

+50 86.5

9 83.2

+50 81.1

+75 81.3

10 83.7

+50 89.6

T.P. 10.23 998.00 9.17 987.77

B.M. 9.24 988.76

11 93.5

T.P. 13.67 1005.24 6.43 991.57

+50 95.8

12 98.1

+20 98.4

+50 94.7

$$\frac{4.3}{33} \quad 6.7 \quad \frac{7.6}{19} \quad \frac{8.4}{33}$$

$$\frac{8.4}{33} \quad \frac{9.6}{12} \quad 10.4 \quad \frac{9.9}{10} \quad \frac{12.1}{33}$$

$$\frac{13.2}{33} \quad 13.7 \quad \frac{13.7}{15} \quad \frac{14.3}{23} \quad \frac{14.2}{33}$$

$$\frac{15.4}{33} \quad 15.8 \quad \frac{15.8}{11} \quad \frac{16.3}{33}$$

$$\frac{15.2}{33} \quad 15.6 \quad \frac{15.6}{33}$$

$$\frac{13.9}{33} \quad 13.2 \quad \frac{12.1}{33}$$

$$\frac{8.4}{33} \quad \frac{7.8}{19} \quad \frac{8.3}{4} \quad 7.3 \quad \frac{6.4}{5} \quad \frac{4.1}{33}$$

Spt. in 8" Oak 50' Rt. 10+5

$$\frac{7.3}{33} \quad \frac{5.9}{6} \quad 4.5 \quad \frac{3.4}{12} \quad \frac{0.9}{33}$$

$$\frac{13.3}{33} \quad \frac{11.1}{6} \quad 9.4 \quad \frac{7.3}{18} \quad \frac{4.9}{33}$$

$$\frac{13.9}{33} \quad \frac{12.2}{21} \quad \frac{10.3}{15} \quad 7.1 \quad \frac{4.8}{13} \quad \frac{1.4}{33}$$

$$\frac{14.3}{33} \quad \frac{13.1}{23} \quad \frac{9.1}{11} \quad 6.8 \quad \frac{3.5}{16} \quad \frac{0.9}{33}$$

$$\frac{13.5}{33} \quad \frac{12.9}{15} \quad \frac{11.8}{6} \quad 10.5 \quad \frac{9.3}{4} \quad \frac{5.5}{22} \quad \frac{2.2}{33}$$

✓
1005.24

12+85

93.9.

13

94.0.

+08

96.0.

+19.9 E Co. Rd. "B²"

96.3. ✓

B.M.

8.53

996.71 ✓

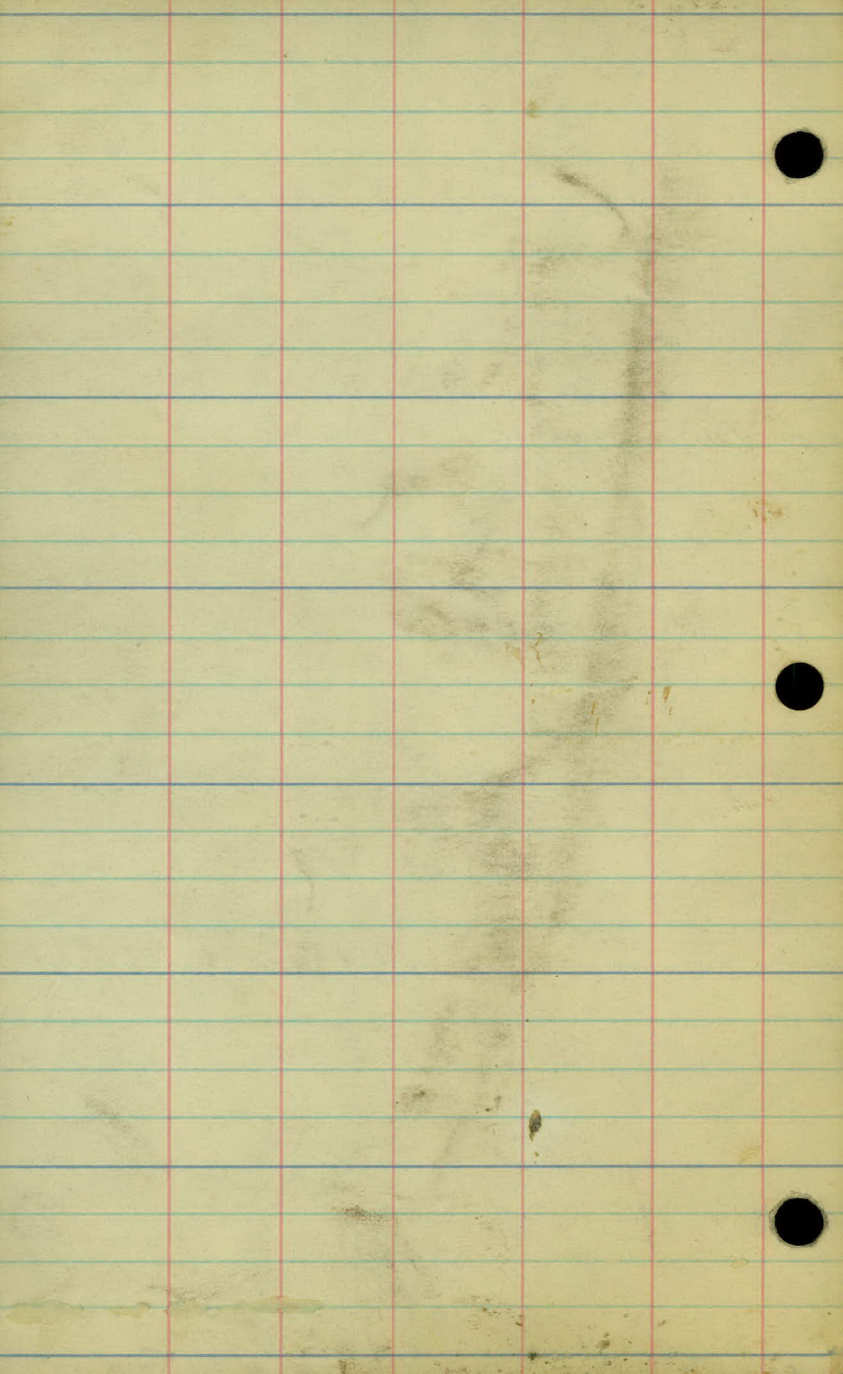
$$\frac{11.4}{33} \quad \frac{12.2}{22} \quad \frac{12.1}{3} \quad 113 \quad \frac{9.4}{9} \quad \frac{5.7}{33}$$

$$\frac{11.8}{33} \quad 112 \quad \frac{10.5}{33}$$

$$\frac{9.8}{33} \quad 92 \quad \frac{8.9}{33}$$

$$\frac{9.5}{33} \quad 89 \quad \frac{8.8}{33}$$

Spt. in 10" Oak



Western Ave
Topog.

5

4

3

2

1

0+00

+66 G.P. 5'

+20 Rd. Sq. 22'

cult.

4 Stn.

5 Tr.
15 Stn.

Cult.

1 Tr.
8 Stn.

3 Tr.
10 Stn.

2 Tr.
6 Stn.

3 Tr.
8 Stumps

12

11

10

9

8

7

6

Cult.

10 Stu.
18 Tr.

13 Stu.
11 Tr.

Pasture

7 Stu.
3 Tr.

+47-FA-19'
+45-FA-5'

F. 8.

+40-F.A-19'
+35-F.A.6'

F. 8

441-F.C. 5'

7/17/2

1354,
11 Tr.
pasture

$\times 754.$

pasture

Pasture

+71- Shed 6'
+71- F. E

Orchard

Garden

8'

7'

15'

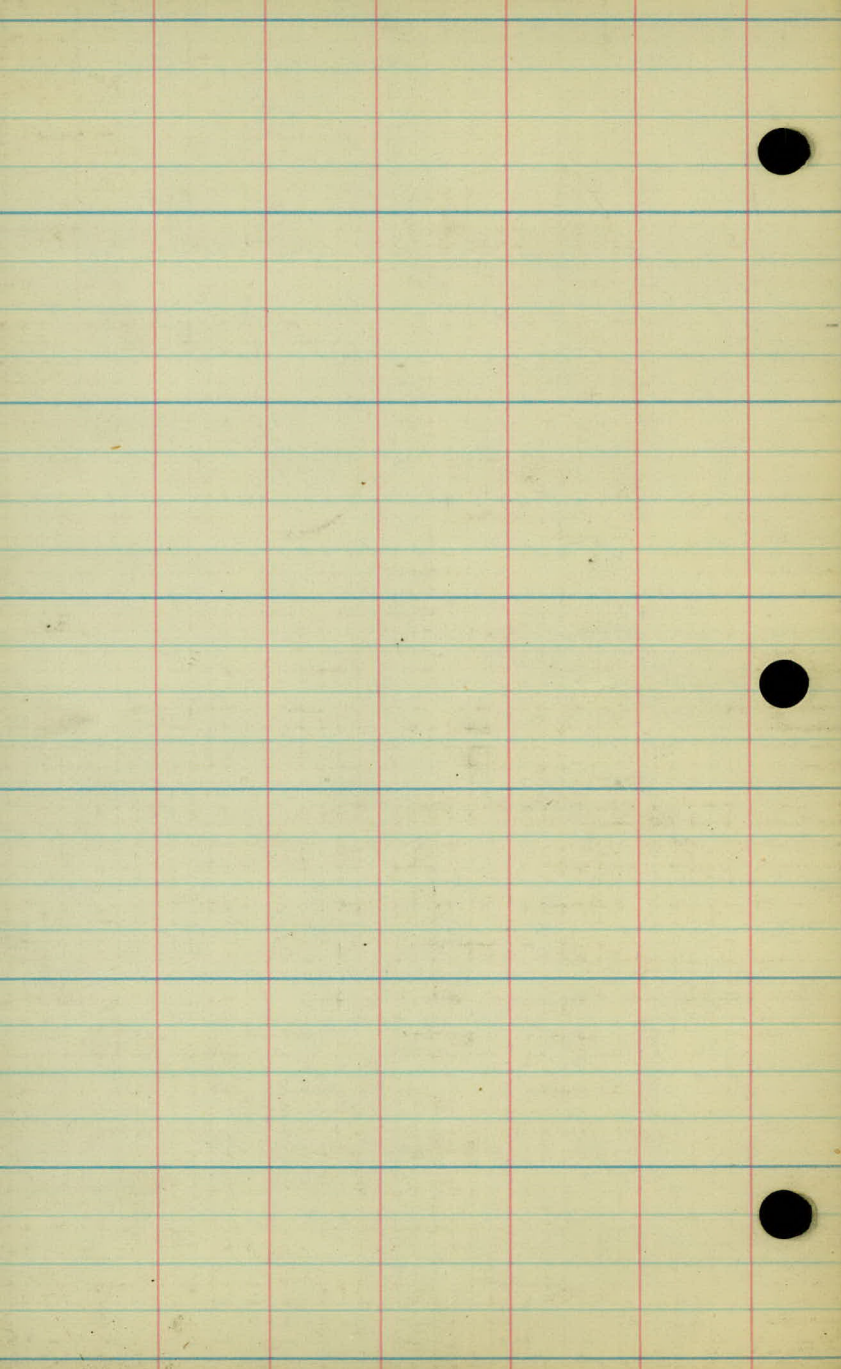
419 - E. Cor. 20'

12 Tr.

Garden

459-F.

477, 3544



39+74.30 Stone Mon. 

11/5/34

N 1/4 Cor. Sec. 12 

39+50

39

2.0

38

4.0

36

3.0

35+40

Fence 0.0 RT

35+36

34+91.5

x 6.81

26+47.30

Stone Mon 

Fence on E from
17+46.5 to 35+40

22+40

15.6

21+40

19+82

13.8

17+46.5

13+50

13+20.33 Stone Mon. 

Ctr. of Sec. 12-29-23

Sta. +R H.1 -R E/cvⁿ 11/6/34

BM 6.55 1003.26 996.71

B.M. (7.28) 995.98

13+20.33 6.4 96.4 ←

13+42 8.8 94.5

13+50 7.5 95.8

13+60 —

13+85 3.3 1000.0

14+00 4.0 99.3

14+20 5.9 97.4

14+50 12.0 91.3

T.P. 0.26 92.03 11.49 91.77

15+00 13.0 79.0

T.P. 0.84 80.56 12.31 79.72
~~7.65 1.11 13.80~~

Levels on N+S. E of Sec. 12

11/6/34

T 29 R 23

B.M. = R.R. spike in tree 10 Rt of 12+88

Left

Rt.

Sta. 13+20.3

On stone monument ctr. of road B² (Ctr. of Sec. 12)

℄ Road (surface)	$\frac{7.6}{40}$	6.9	$\frac{6.8}{40}$
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Ditch	$\frac{9.8}{40}$	8.8	$\frac{8.6}{40}$
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—	—	7.5	$\frac{5.9}{40}$
---	---	-----	------------------

	$\frac{2.9}{40}$	7.5	—
--	------------------	-----	---

	$\frac{1.8}{40}$	3.5	$\frac{3.7}{40}$
--	------------------	-----	------------------

x	—	4.0	y
---	---	-----	---

	$\frac{5.6}{40}$	5.9	$\frac{6.0}{40}$
--	------------------	-----	------------------

	$\frac{11.2}{40}$	12.0	$\frac{13.1}{40}$
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Top of stake 14+50

	$\frac{9.3}{40}$	13.0	$\frac{15.1}{20}$	$\frac{16.2}{40}$
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Top of stake 15+00

Blatzheim
Harrington Road

F.T. Howes, Rec.
E.B. Mc Donough, Inst.

Sta.	+R	H.I.	-R	Elev
		80.56		
15+30			5.2	75.4
15+70			6.3	74.3
16+00			8.4	72.2
16+50			9.3	71.3
T.P.	0.79	73.05	8.30	72.26
17+00			3.3	69.8
17+50			4.7	68.4
18+00			8.3	64.8
T.P.	1.86	64.90	10.01	63.04
18+50			3.2	61.7
19+00			5.6	59.3
19+50			4.6	60.3
20			7.2	57.7
2.65 29 18.21				

11/6/34

$$\frac{3.9}{40} \quad 52 \quad \frac{7.0}{40}$$

$$\frac{6.8}{40} \quad 63 \quad \frac{8.5}{40}$$

$$\frac{8.9}{40} \quad 84 \quad \frac{8.6}{40}$$

$$\frac{8.0}{40} \quad 93 \quad \frac{11.5}{40}$$

Top of stake on & about 16+65

$$\frac{6.1}{40} \quad 33 \quad \frac{3.1}{40}$$

$$\frac{8.6}{40} \quad 47 \quad \frac{4.6}{40}$$

$$\frac{9.9}{40} \quad 83 \quad \frac{8.0}{40}$$

On rock 2' left of 18+25

$$\frac{5.5}{40} \quad 32 \quad \frac{5.5}{40}$$

$$\frac{6.1}{40} \quad 56 \quad \frac{5.2}{40}$$

$$\frac{4.3}{40} \quad 46 \quad \frac{6.0}{16} \quad \frac{6.3}{40}$$

$$\frac{6.6}{40} \quad 72 \quad \frac{8.5}{40}$$

Sta	+R	H.I	-R	Elev	
		64.90			
20+50			9.6	55.3	
21+00			11.2	53.7	
T.P.	0.55	55.21	10.24	54.66	
21+50			7.7	47.5	
21+90			11.5	43.7	← Water level
22+40			11.5	43.7	" "
22+90			12.5	42.7	
23+30			10.3	44.9	
T.P.	7.46	56.10	6.57	48.64	
23+80			4.5	51.6	
24+00			3.4	52.7	
24+50			5.5	50.6	
	8.01	425.37	16.81	717.2	

11/6/34

$$\frac{8.8}{40}$$

9.6

$$\frac{10.2}{40}$$

$$\frac{10.4}{40}$$

11.2

$$\frac{12.9}{40}$$

Top of stake 2.1+00

$$\frac{6.8}{40}$$

7.7

$$\frac{8.7}{40}$$

$$\frac{5.2}{40}$$

$$\frac{8.2}{20}$$

11.5

$$\frac{12.0}{40}$$

(water 0.6 deep)

$$\frac{7.4}{40}$$

$$\frac{8.5}{40}$$

11.5

$$\frac{13.0}{40}$$

(in lake)

$$\frac{11.1}{40}$$

12.5

$$\frac{14.0}{40}$$

11

$$\frac{11.2}{40}$$

10.3

$$\frac{7.5}{25}$$

$$\frac{7.7}{45}$$

On stump 5' Rt 23+48

$$\frac{9.5}{40}$$

$$\frac{8.1}{20}$$

4.5

$$\frac{3.4}{20}$$

$$\frac{3.9}{40}$$

$$\frac{9.1}{40}$$

5.4

$$\frac{2.0}{20}$$

$$\frac{3.7}{40}$$

$$\frac{10.0}{40}$$

5.5

$$\frac{5.7}{40}$$

Sta	+R	H.I	-R	Elev
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56.10

25+00			8.7	47.4
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25+50			12.9	43.2
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TP	1.04	45.85	11.29	44.81
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26+00			6.6	39.3
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26+47.3	□		5.15	40.70
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27+00			5.9	39.95
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27+60			1.4	44.5
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T.P.	13.71	59.01	0.55	45.30
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28+00			7.5	51.5
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28+40			4.4	54.6
-------	--	--	-----	------

29+00			5.6	53.4
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29+50			3.7	55.3
-------	--	--	-----	------

	14.75	931.21	11.84	716.14
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11/6/34

$$\frac{10.5}{40}$$

8.7

$$\frac{8.1}{40}$$

$$\frac{14.2}{40}$$

12.8

$$\frac{13.2}{40}$$

On stump 14 ft. Rt. of 25+46

$$\frac{4.8}{40}$$

6.6

$$\frac{8.6}{10}$$

$$\frac{10.0?}{40} \text{ in water}$$

- On rock monument $\frac{4.1}{40}$

52

$$\frac{8.6}{33}$$

$$\frac{10.0?}{50}$$

" "

edge water

$$- \frac{5.5}{40}$$

59

$$- \frac{7.1}{40}$$

$$+ \frac{1.2}{40}$$

14

$$- \frac{4.5}{40}$$

Top of st'k 27+60

$$\frac{7.6}{40}$$

75

$$\frac{7.8}{40}$$

$$- \frac{7.3}{40}$$

$$- \frac{6.6}{20}$$

44

$$- \frac{0.8}{30}$$

$$+ \frac{0.3}{40}$$

$$\frac{6.6}{40}$$

56

$$\frac{4.5}{40}$$

$$\frac{4.4}{40}$$

57

$$\frac{6.8}{40}$$

Sta	+R	H.I	-R	E/OV
		59.01		
30+00			5.1	53.9
30+50			6.9	52.1
31+00			53	53.7
T.P.	0.88	55.26	4.63	54.38
31+50			0.7	54.6
32+00			3.5	51.8
32+50			10.1	45.2
T.P.	0.75	49.19	6.82	48.44
32+75			6.9	42.3
33+00			5.2	44.0
33+50			3.0	46.2
34+00			9.7	39.5
T.P.	3.60	40.48	12.31	36.88
	5.23		23.76	

$$11/6/34$$

£

R

44
40

4.1

$$\frac{6.4}{40}$$

5.6
40

6.9

$$\frac{8.6}{40}$$

50
Tps

۳۳

8.3
40

On top of stake 31+00

$$\frac{24.0}{40}$$

0.7

$$\frac{5.6}{40}$$

$$\begin{array}{r} 5,5 \\ \hline 40 \end{array}$$

سو

$$\frac{7.5}{40}$$

136
40

10.1

۵۱

On stump 22' Rt of 32+60

$$\begin{array}{r} 8.9 \\ \underline{40} \end{array}$$

69

$$\frac{0.7}{40}$$

$$\begin{array}{r} 9,4 \\ \underline{40} \end{array}$$

52

$$\frac{2,2}{40}$$

$$\begin{array}{r} 7.4 \\ \hline 40 \end{array}$$

3.0

$$\frac{1.6}{40}$$

$$\frac{11.4}{40}$$

9.7

$$\begin{array}{r} 9.7 \\ \hline 40 \end{array}$$

Boulder on £ 34+244

Sta.	+R	H.I.	-R	Elev.
		40.48		
34+25			4.0	36.5
34+70			2.8	37.7
35+00			4.6	35.9
35+40			12.3	28.2
T.P.	2.71	31.93	11.26	29.22
36+00			7.6	24.3
37+00			4.8	27.1
38+00			6.5	25.4
38+50			7.8	24.1
39			10.6	21.3
39+50			10.0	21.9
39+74.3 -B.M.			8.32	23.61
	2.71		19.58	

L

E

R

11/6/34

$$\frac{3.6}{40}$$

4.0

$$\frac{2.7}{40}$$

$$\frac{2.3}{40}$$

2.8

$$\frac{3.2}{40}$$

$$\frac{4.1}{40}$$

4.6

$$\frac{8.7}{20}$$

$$\frac{10.7}{40}$$

$$\frac{9.4}{40}$$

12.3

$$\frac{15.4}{40}$$

On boulder 2.5' Rt of 35+37.5

$$\frac{5.3}{40}$$

7.6

$$\frac{7.6}{40}$$

$$\frac{4.0}{40}$$

4.8

$$\frac{5.9}{20}$$

$$\frac{5.5}{40}$$

$$\frac{7.0}{40}$$

$$\frac{6.9}{20}$$

6.5

$$\frac{3.5}{40}$$

$$\frac{4.7}{40}$$

$$\frac{7.2}{20}$$

7.8

$$\frac{8.3}{10}$$

$$\frac{0.4}{40}$$

$$\frac{1.4}{40}$$

$$\frac{10.6}{5}$$

10.6

$$\frac{10.1}{15}$$

$$\frac{3.6}{40}$$

$$\frac{9.3}{40}$$

10.0

$$\frac{9.1}{20}$$

$$\frac{7.5}{40}$$

Ctr of monument ($\frac{1}{4}$ Corner on N line of Sec. 12)

$$\frac{8.9}{40}$$

8.5

$$\frac{6.7}{40}$$

