Bk. 22 Dr. 11A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN Survey

RED OAK DRIVE

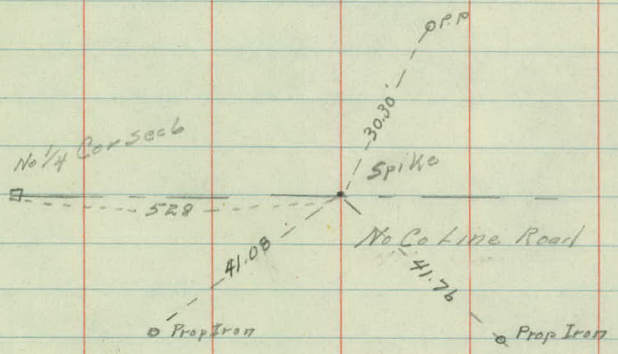
From Sherwood Rd. To Co. Rd. "J"

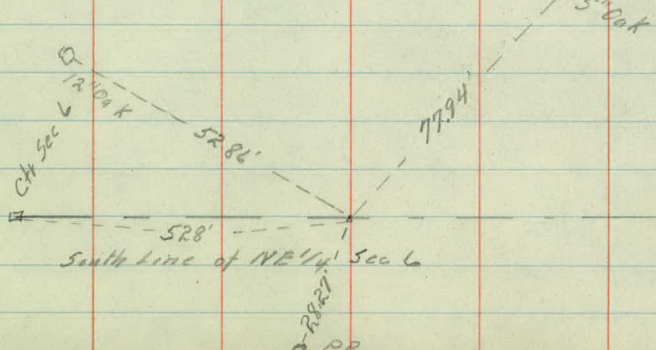
Road Acc't. No. M-47

Date Filed 10-26-39 File

Alingment
Red Oak Drive

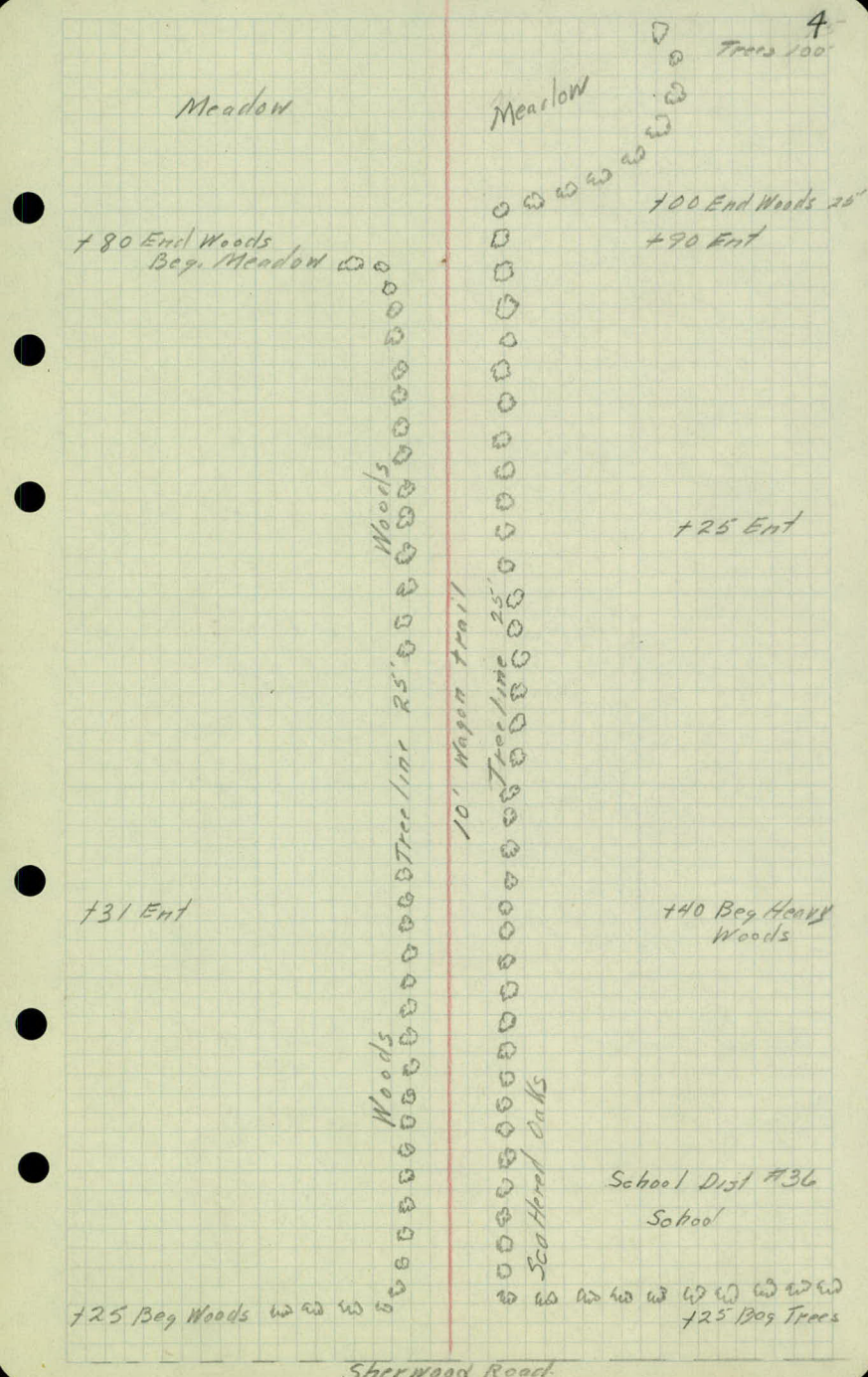
Sta	Pt.
34+00.00	P.O.T.
0+00	P.O.T


P.P.
30.30'
No 1/4 Cor Sec 6
Spike
528
No Co Line Road
41.08'
41.76'
Prop Iron
Prop Iron


P.P. 5" Oak
17.94'
12" Oak
C4 Sec 6
52.82'
528'
South line of NE 1/4 Sec 6

Topography

Red Oak Drive


Trees 100'
Meadow
Meadow
700 End Woods 25'
700 End
780 End Woods
Beg. Meadow
Woods
Tree Line 25'
10' Wagon Trail
Tree Line 25'
725 End
731 End
740 Beg Heavy Woods
Woods
Scattered Oaks
School Dist #36
School
725 Beg Woods
725 Beg Trees
Sherwood Road

14

13

12

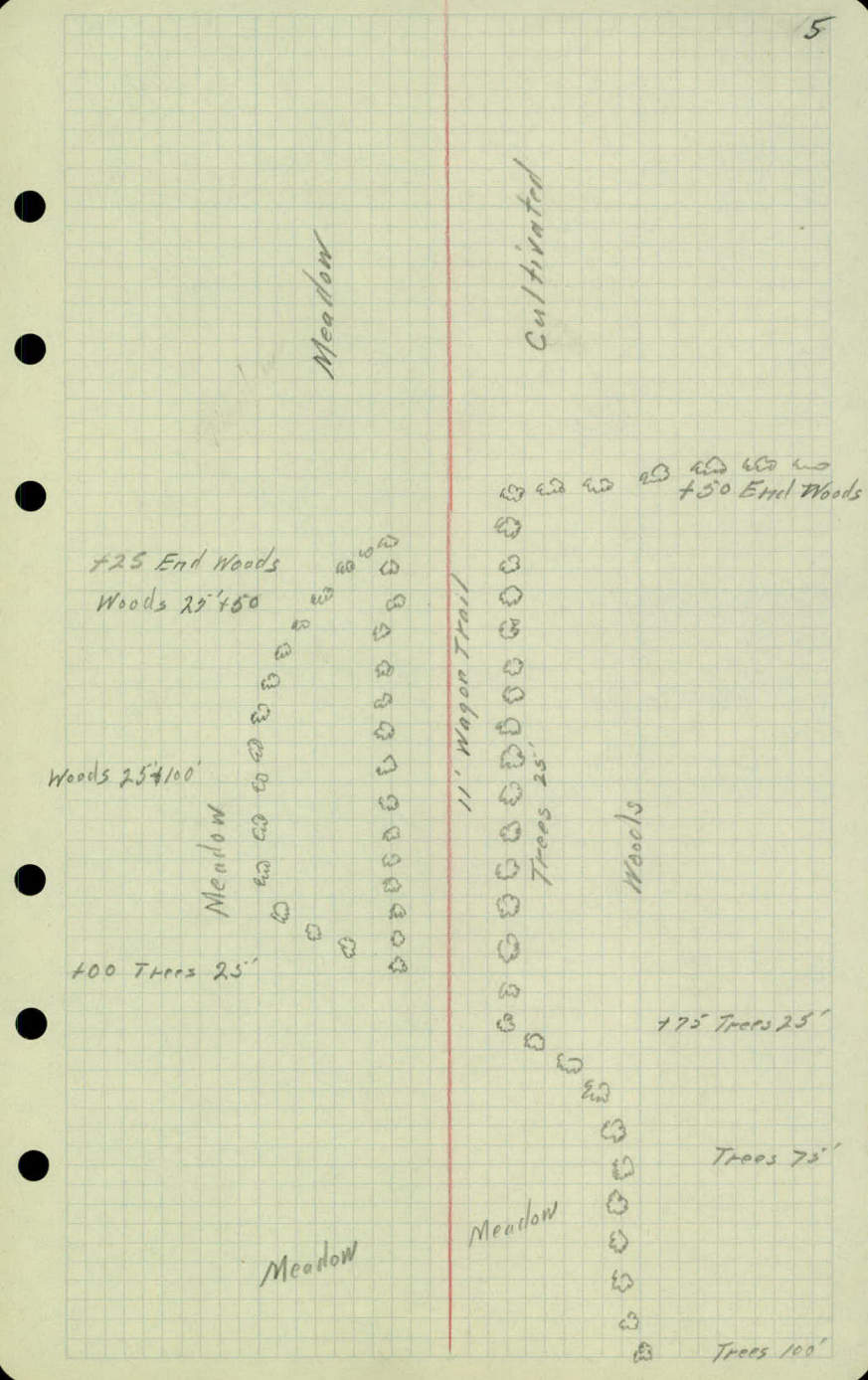
11

10

9

8

7


Meadow
Cultivated
+50 End Woods
+25 End Woods
Woods 25' +50
Woods 25' +100'
Meadow
11' Wagon Trail
Trees 25'
Woods
+00 Trees 25'
+75' Trees 25'
Trees 75'
Meadow
Meadow
Trees 100'

21

20

19

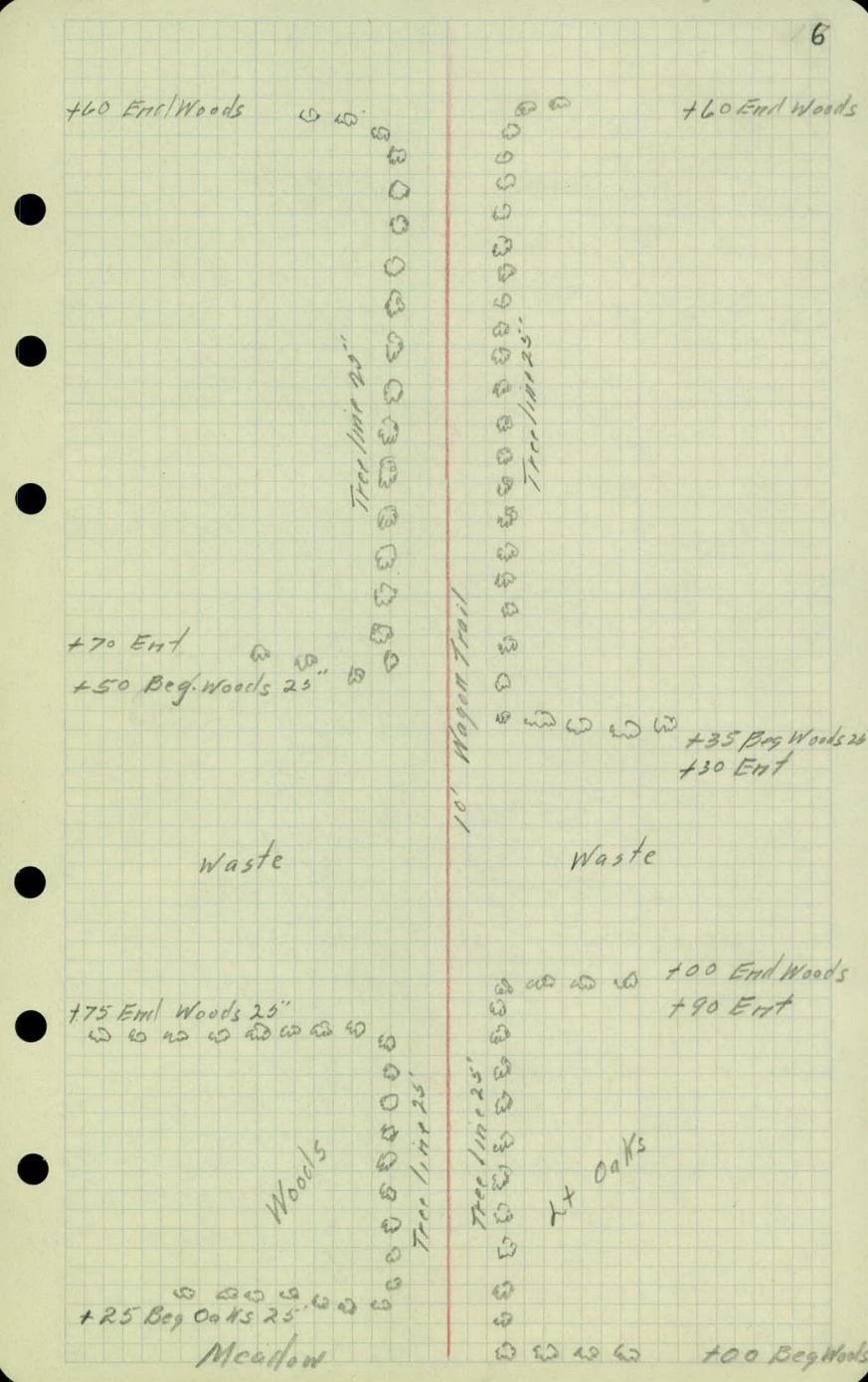
18

17

16

15

14


+60 End/Woods
+60 End Woods
Tree Line 25'
Tree Line 25'
10' Wagon Trail
+70 End
+50 Beg. Woods 25"
+35 Beg Woods 25
+30 End
Waste
Waste
+75 End Woods 25"
+100 End Woods
+90 End
Woods
Tree Line 25'
Tree Line 25'
+ Oaks
+25 Beg Oaks 25"
Meadow
+100 Beg Woods

28

27

26

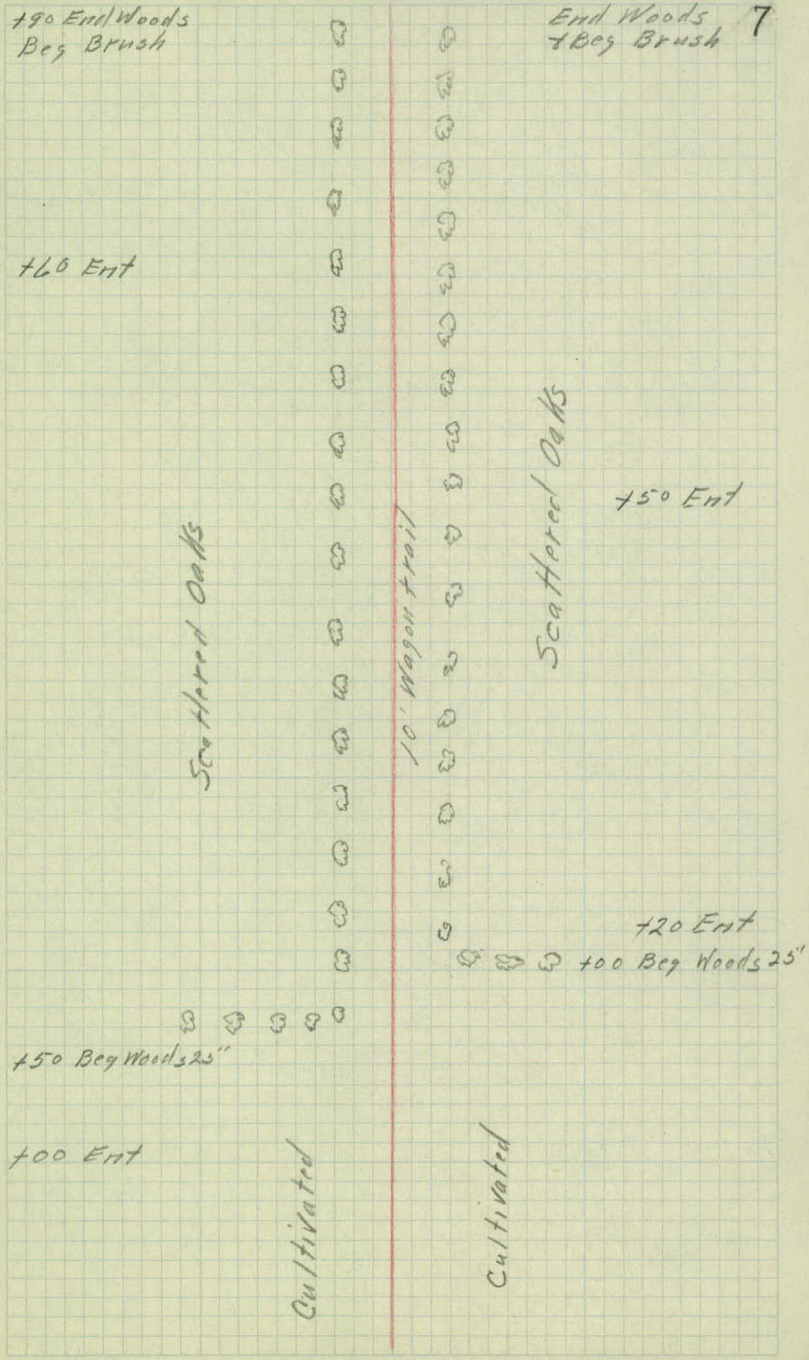
25

24

23

22

21


+90 End Woods
Beg Brush
End Woods
+Beg Brush
+46 Ent
Scattered Oaks
10' Wagon trail
Scattered Oaks
+50 Ent
+20 Ent
+00 Beg Woods 25"
+50 Beg Woods 25"
+00 Ent
Cultivated
Cultivated

34 34+00 ℄ No Co Line

33

32

31

30

29

28

No Co Line Rd. Gravel

Meadow

11' Wagon Trail

Meadow

+30 End Brush Beg Meadow

+00 End Brush

Brush

Brush

X Sections

Red Oak Drive

Sta	+	HI	−	Elev
B.M.	3.44	921.21 ✓		917.77
0+00				16.9
0+50				17.1
1+00				16.9
+50				16.0
2				15.8
+50				15.9
3				16.1
+50				15.8
4				15.8
+50				15.1
5				13.6
T.P.	0.48	915.63 ✓	6.06	915.15 ✓
+50				11.6

Lt ℄ Rt

Spk. in 10" Oak 65' Lt Sta 0+35'

5.0/50 4.3 4.3/50

3.8/50 3.8/5 4.4/4 4.1 3.9/6 4.3/15 3.7/16 3.7/50

4.1/50 4.3/7 4.9/6 4.3 4.6/14 4.2/16 4.0/50

4.8/50 5.2/7 5.6/7 5.2 5.4/12 5.1/14 5.0/38 5.0/50

5.5/50 5.4/9 5.7/8 5.4 5.5/10 5.9/11 5.3/13 5.3/25 5.3/50

5.4/50 5.4/10 5.9/9 5.3 5.4/9 5.7/11 5.2/12 5.0/50

5.5/50 5.2/11 5.7/10 5.1 5.3/8 5.6/10 5.2/11 5.1/50

5.2/50 5.3/12 5.6/11 5.4 6.0/9 5.4/10 5.8/50

5.5/50 5.3/11 5.9/10 5.4 6.0/9 5.5/10 5.5/36 5.5/50

6.4/50 6.2/11 6.7/10 6.1 6.4/7 6.7/10 6.3/11 6.3/37 6.3/50

8.0/50 7.7/11 8.1/10 7.7/6 7.6 7.6/7 8.0/9 7.3/10 7.2/30 7.0/50

4.2/50 4.4/39 4.3/11 4.7/10 4.0 3.9/7 4.3/10 3.9/11 3.2/26 2.8/50

Sta	+	H	−	Elev
		915.63		
5+83				10.0
6+00				08.8
+50				08.0
7				07.7
+50				08.0
8+00				08.0
+50				08.3
9+00				09.0
+50				09.7
10				10.7
T.P.	2.21	915.40	2.44	913.19
+50				11.2
B.M.	2.62	915.40	2.62	912.78
11				10.3

Lt ℄ Rt

$\frac{6.3}{50}$ $\frac{5.9}{11}$ $\frac{6.3}{10}$ $\frac{5.8}{5}$ 5.6 $\frac{5.6}{8}$ $\frac{6.0}{11}$ $\frac{5.4}{12}$ $\frac{4.8}{19}$ $\frac{4.0}{50}$

$\frac{6.9}{50}$ $\frac{7.1}{26}$ $\frac{7.0}{11}$ $\frac{7.2}{10}$ $\frac{6.7}{5}$ 6.8 $\frac{6.6}{8}$ $\frac{6.8}{11}$ $\frac{6.3}{13}$ $\frac{4.8}{50}$

$\frac{8.4}{50}$ $\frac{8.0}{11}$ $\frac{8.4}{10}$ $\frac{7.8}{5}$ 7.6 $\frac{7.6}{9}$ $\frac{8.1}{11}$ $\frac{7.7}{12}$ $\frac{7.4}{50}$

$\frac{8.8}{50}$ $\frac{8.2}{11}$ $\frac{8.5}{10}$ $\frac{8.1}{5}$ 7.9 $\frac{8.0}{9}$ $\frac{8.4}{10}$ $\frac{7.8}{11}$ $\frac{7.5}{16}$ $\frac{7.2}{50}$

$\frac{8.6}{50}$ $\frac{8.0}{9}$ $\frac{8.5}{8}$ $\frac{7.9}{4}$ 7.6 $\frac{7.9}{11}$ $\frac{7.5}{12}$ $\frac{7.2}{15}$ $\frac{6.1}{50}$

$\frac{9.0}{50}$ $\frac{8.4}{26}$ $\frac{7.8}{11}$ $\frac{8.3}{10}$ $\frac{7.8}{4}$ 7.6 $\frac{8.0}{9}$ $\frac{7.6}{10}$ $\frac{7.3}{24}$ $\frac{6.7}{50}$

$\frac{8.3}{00}$ $\frac{7.8}{25}$ $\frac{7.6}{11}$ $\frac{7.9}{10}$ 7.3 $\frac{7.3}{11}$ $\frac{7.2}{12}$ $\frac{6.5}{33}$ $\frac{5.7}{50}$

$\frac{7.6}{50}$ $\frac{7.6}{28}$ $\frac{7.1}{10}$ $\frac{7.4}{9}$ $\frac{6.7}{4}$ 6.6 $\frac{6.3}{10}$ $\frac{5.9}{27}$ $\frac{5.5}{50}$

$\frac{7.2}{50}$ $\frac{6.6}{27}$ $\frac{6.4}{10}$ $\frac{6.6}{9}$ $\frac{6.1}{6}$ 5.9 $\frac{6.2}{10}$ $\frac{5.7}{11}$ $\frac{5.2}{27}$ $\frac{4.8}{50}$

$\frac{5.8}{50}$ $\frac{5.5}{32}$ $\frac{4.9}{11}$ $\frac{5.1}{10}$ $\frac{5.0}{4}$ 4.9 $\frac{5.1}{11}$ $\frac{4.6}{12}$ $\frac{4.5}{30}$ $\frac{4.2}{50}$

$\frac{4.9}{50}$ $\frac{4.8}{24}$ $\frac{4.5}{9}$ $\frac{4.8}{8}$ $\frac{4.6}{5}$ 4.2 $\frac{4.4}{9}$ $\frac{4.6}{12}$ $\frac{4.1}{13}$ $\frac{4.0}{29}$ $\frac{3.8}{50}$

Spk in 15" oak 75' Rt Sta 10+95

$\frac{6.3}{50}$ $\frac{5.3}{25}$ $\frac{4.9}{8}$ $\frac{5.2}{9}$ $\frac{4.9}{4}$ 5.1 $\frac{4.7}{9}$ $\frac{5.1}{13}$ $\frac{4.5}{14}$ $\frac{4.1}{33}$ $\frac{4.0}{50}$

Sta	+	⊼	—	Elev
		915.40		
11+50				10.1
12				08.9
+50				08.7
13				07.7
+50				09.3
14				10.2
+50				10.4
15				11.3
T.P.	4.06	917.11 ✓	2.35	913.05 ✓
+50				12.3
16				12.9
+50				13.7
17				14.0

Lt Ct Rt

7.7/100 6.8/50 5.8/29 6.4/8 5.8/7 5.5/3 5.3 5.2/10 5.6/14 4.8/15 4.7/31 4.6/50

8.6/150 9.6/200

6.7/50 6.4/30 6.4/8 6.8/7 6.4/3 6.6 6.5/9 7.0/13 6.6/14 6.9/33 6.8/50

7.0/50 6.8/28 6.8/9 7.2/8 6.7 6.8/8 6.9/15 7.1/32 7.1/50

7.3/50 7.4/31 7.3/9 7.6/8 7.4/3 7.7 7.7/11 7.4/31 7.4/50 7.5/100

6.4/50 6.5/32 6.2/10 6.8/9 6.3/5 6.1 6.5/10 6.3/16 6.2/28 6.2/50

5.8/50 5.6/28 5.5/10 5.8/9 5.5/5 5.2 5.4/9 5.7/11 5.2/12 5.2/31 5.4/50

5.0/50 5.0/31 5.0/10 5.4/9 5.1/5 5.0 5.0/5 5.5/12 4.9/13 5.2/34 5.2/50

3.4/50 3.4/39 3.2/20 3.7/7 4.2/6 4.1 4.0/9 4.7/13 4.1/15 4.5/31 4.7/50

Spk 1.7 8° Oak 15' Lt 15+50

4.0/50 4.3/16 4.7/7 5.2/6 4.8 5.0/10 5.6/14 5.3/16 5.6/39 6.0/50

3.4/50 3.5/30 3.6/12 3.8/6 4.3/3 4.2 4.2/11 4.8/14 4.3/15 4.6/31 5.0/50

2.5/50 2.6/30 3.1/8 3.5/7 3.4 3.4/9 3.9/14 3.5/15 3.9/29 4.2/50

2.2/50 2.3/32 2.7/7 3.2/6 3.1 3.2/9 3.6/14 3.3/15 3.9/50

Sta	+	H	−	Elev
		917.11		
17+50				13.3
18				11.8
+50				11.1
19				11.9
+50				12.2
20				11.4
T.P.	4.38	918.62	2.87	914.24
+50				10.6
21				09.9
+50				09.6
22				09.9
+50				11.2
23				12.3

Lt ≠ Rt

4.2/50	4.2/29	4.0/13	4.2/12	3.8	3.8/7	3.4/8	3.1/28	2.8/50	
4.1/50	4.4/29	5.1/8	5.5/7	5.3	5.4/9	5.7/13	5.3/14	5.5/35	5.3/50
5.8/50	6.0/30	6.0/9	6.3/8	6.0	6.9/7	6.4/13	5.8/14	5.9/29	5.7/50
5.9/50	5.4/32	5.4/10	5.8/9	5.6/6	5.2	5.0/6	5.3/11	5.0/12	5.0/26	4.9/50
5.2/50	5.1/32	5.2/11	5.6/10	5.1/5	4.9	5.4/10	4.9/11	5.0/32	5.0/50	
5.3/50	5.5/30	5.6/12	6.0/11	5.7/5	5.7	5.7/5	6.2/10	5.7/11	5.8/40	5.8/50
7.5/50	7.9/13	8.4/12	8.3/10	8.0	8.2/9	8.2/10	8.3/13	8.1/50	
8.4/50	8.5/33	8.6/17	9.0/9	8.7	9.0/7	9.4/9	8.7/11	9.1/50	
8.5/50	8.8/27	9.0/11	9.3/10	9.0	9.1/7	9.4/10	9.0/11	9.1/50	
8.5/50	8.6/11	9.1/10	9.0/8	8.7	8.8/6	9.3/10	8.7/11	8.8/32	8.8/50
8.0/50	7.7/10	8.1/9	7.8/7	7.4	7.6/9	8.1/12	7.3/13	7.4/25	7.1/50
6.7/50	6.4/11	6.6/10	6.6/8	6.3	6.4/7	6.8/10	6.3/11	6.2/30	5.9/50

Sta	+	ℸ	−	Elev
		918.62		
23+50				13.2 ·
24				13.4 ·
B.M	4.44	918.62	4.44	914.18
+50				13.1 ·
25				12.3 ·
+50				10.4 ·
26				08.8 ·
T.P	2.48	915.69	5.41	913.21
+50				10.8 ·
27				10.8 ·
+50				10.3 ·
28				11.1 ·
+50				10.6 ·
T.P	3.10	916.24	2.55	913.14
29				10.5 ·

Lt ℄ Rt

6.1/50 5.6/12 5.7/10 5.9/8 5.4 5.8/8 5.2/9 5.0/25 5.0/50

6.5/50 5.3/27 5.2/12 5.7/11 5.3/9 5.2 5.2/4 5.6/9 5.2/11 4.8/30 5.0/50

SpK in 20" OaK 70' Rt Stg 24+15

6.6/50 5.8/12 6.2/11 5.9/8 5.5 5.5/5 5.9/9 5.5/10 4.8/33 5.2/50

7.0/50 6.5/30 6.1/13 6.6/12 6.3/7 6.3 6.4/6 6.3/10 5.7/18 6.1/50

7.7/50 8.0/14 8.4/13 8.2/9 8.2 8.2/5 8.2/9 7.7/50

8.6/50 9.2/28 9.7/20 9.6/11 9.6/8 9.8 9.7/6 9.5/11 9.1/32 8.6/50

4.4/50 4.8/17 5.1/14 4.9/8 4.9 5.2/5 4.9/8 5.1/18 5.0/37 5.0/50

3.9/50 3.9/33 4.4/13 5.1/12 4.6/6 4.9 5.4/6 5.0/8 5.7/50

4.2/50 4.8/29 5.1/14 5.6/12 5.3/8 5.4 5.7/3 5.5/6 5.9/9 5.6/10 5.9/34 6.2/50

4.6/50 4.6/11 5.3/10 4.8/6 4.6 5.0/6 5.3/8 4.8/10 4.7/37 5.1/50

4.8/50 5.0/30 5.0/12 5.4/10 5.2/6 5.1 5.3/8 5.8/10 5.3/12 6.0/50

5.0/50 5.5/30 5.4/12 5.9/10 5.8/7 5.7 6.2/6 6.4/10 5.9/11 6.7/50

Sta	+	℄ 916.24	−	Elev
29+50				11.3
30				11.5
+50				10.0
31				08.5
+50				07.9
32				08.2
+50				08.0
33				08.5
+50				09.5
+25				10.0
+70				10.0
+78				10.4

Lt | ℄ | Rt

4.4/50 4.6/11 5.1/10 4.8/6 4.9 | 5.1/6 5.4/8 4.9/10 5.2/32 5.4/50

5.0/50 4.8/35 4.8/10 5.2/9 4.7/4 4.7 | 4.6/7 5.1/10 4.4/11 4.6/31 4.7/50

6.1/50 5.8/37 6.0/10 6.6/9 6.2/6 6.2 | 6.3/9 6.5/11 6.0/12 6.1/27 5.7/30

7.7/50 8.0/29 7.8/10 8.1/8 7.9/4 7.7 | 7.9/9 8.3/12 7.9/13 7.8/30 7.6/50

8.5/50 8.7/29 8.8/9 9.0/8 8.5/4 8.3 | 8.5/10 8.9/13 8.7/14 8.4/28 8.5/50

8.3/50 8.6/32 8.7/10 8.3/4 8.0 | 8.1/10 8.7/14 8.4/16 8.9/29 8.7/50

8.8/50 8.6/28 8.4/8 8.8/6 8.2 | 8.4/6 8.7/13 8.3/15 8.6/28 8.4/50

8.2/50 8.2/31 7.8/18 7.7/8 8.3/7 7.7 | 7.5/9 8.0/12 7.5/13 7.5/27 7.3/50

6.7/50 6.5/16 6.9/7 6.7 | 6.7/10 7.1/12 6.4/14 6.7/31 6.5/50

5.8/50 5.8/32 5.9/12 6.3/7 6.2 | 6.5/10 6.2/20 6.3/35 6.3/50

7.2/50 7.0/26 6.2/11 6.1/7 6.2 | 6.4/9 6.7/16 7.1/22 7.1/35 7.2/50

6.1/50 6.4/31 6.0/17 5.8/10 5.8 | 6.0/13 6.0/29 6.2/50

Sta	+	↗	−	Elev
		916.74		
33+85				10.9
34				11.6
B.M.			5.37	910.87

Bench Levels

B.M	5.37	916.74		910.87
	3.94	917.02	3.16	913.08
B.M			6.31	910.71 910.70
B.M.	6.34	917.21		910.87
	3.82	916.88	4.15	913.06
			3.85	913.03

Lt ℄ Rt

$\frac{4.8}{30}$ $\frac{4.7}{39}$ $\frac{5.1}{18}$ 5.3 $\frac{5.3}{15}$ $\frac{5.1}{30}$ $\frac{5.0}{30}$

$\frac{4.7}{30}$ 4.6 $\frac{4.5}{25}$ $\frac{4.5}{30}$

Spk in P.P N.E Cor Red Oak Drive & Co Rd I

Spk in P.P

Spk in P.P N.E Cor Groveland & Co Rd I

Spk in 15" C. Hemwood N.E Cor Eastwood & Co Rd "I."

Red Oak Drive

Slope Stakes

Sta	+	Π	−	Elev
B.M.	3.08	920.85		917.77
0				
+50				15.7
1				15.5
+50				15.3
2				15.1
+50				14.9
3				14.7
+50				14.4
4				140
+50				13.5
5				12.8
T.P.	1.26	915.70	6.41	914.44
+50				12.1

Gr. Rod

Spike in 10" Oak 65' Lt 0+75

	Lt	&	Rt
5.2	3.4 / C1.8 / 25	3.8 / C1.4	3.4 / C1.8 / 25
5.4	3.8 / C1.6 / 25	4.1 / C1.3	3.9 / C1.5 / 25
5.6	4.7 / C0.9 / 25	4.9 / C0.7	4.7 / C0.9 / 25
5.8	5.2 / C0.6 / 25	5.2 / C0.6	5.1 / C0.7 / 25
6.0	5.1 / C0.9 / 25	5.0 / C1.0	4.8 / C1.2 / 25
6.2	4.8 / C1.4 / 25	4.8 / C1.4	4.8 / C1.4 / 25
6.5	4.9 / C1.6 / 25	5.1 / C1.4	5.4 / C1.1 / 25
6.9	5.0 / C1.9 / 25	5.1 / C1.8	5.3 / C1.6 / 25
7.4	6.0 / C1.4 / 25	5.8 / C1.6	5.8 / C1.6 / 25
8.1	7.3 / C0.8 / 25	7.3 / C0.8	7.0 / C1.1 / 25
3.6	4.5 / DC 1.1 / 23.2	4.2 / F 0.6	3.4 / C0.2 / 25

Sta	+	⊼	−	Elev.	
		915.70			
5+83				11.7	
6				11.3	
+50				10.7	
7				10.2	
+50				10.0	
8				10.0	
+50				10.1	
9				10.2	
T.P.					
+50				10.3	
10				10.4	
+50				10.5	
B.M.	1.70	914.48	2.95	912.75	912.78
11				10.6	

4.-	6.0 F2.0 17.0	5.8 F1.8	4.9 DC 1.1 23.2
4 4	7.3 F2.9 18.8	6.8 F2.2	5.8 DC 0.6 22.2
5.0	8.4 F3.4 19.8	7.9 F2.9	7.7 F2.7 18.4
5.5	8.6 F3.1 19.2	8.2 F2.7	8.0 F2.5 18.0
5.7	8.4 F2.7 18.4	7.9 F2.2	7.3 DC 0.4 21.8
5.7	8.2 F2.5 18.0	7.9 F2.2	7.9 F2.2 17.4
5.6	7.8 F2.2 17.4	7.4 F1.8	7.2 DC 0.4 21.8
5.5	7.5 F2.0 17.0	6.7 F1.2	6.1 DC 1.4 23.8
5.4	6.7 DC 0.7 22.4	6.0 F0.6	5.4 C 0.0 25.0
5.3	5.5 DC 1.8 24.0	5.1 F0.2	4.6 C 0.9 25
5.2	5.2 C 0.0 25	4.7 C 0.5	4.4 C 0.8 25
3 spike in 14" Oak 75' Rt Sta 10+95			
3.9	4.4 DC 1.5 24	4.1 F0.2	3.4 C 0.5 25

Sta	+	H	-	Elev
		914.48		
11+50				10.7
12				10.8
+50				10.9
13				11.0
+50				11.1
14				11.2
+50				11.3
15				11.4
T.P.	5.97	918.65	1.80	912.68
+50				11.5
16				11.6
+50				11.7
17				11.8

GR

3.8	4.8 DC 1.0 23.0	4.5 F 0.7	3.9 DC 1.9 24.8
3.7	5.4 DC 0.3 21.6	5.5 F 1.8	5.9 F 2.2 17.4
3.6	5.9 F 2.3 17.6	6.0 F 2.4	6.2 F 2.6 18.2
3.5	6.6 F 3.1 19.2	7.9 F 4.4	6.7 F 3.2 19.4
3.4	5.5 F 2.1 17.2	5.2 F 1.8	5.3 DC 0.1 21.2
3.3	4.6 DC 0.7 22.4	4.4 F 1.1	4.3 DC 1.0 23.0
3.2	4.1 DC 1.1 23.2	4.1 F 0.9	4.2 DC 1.0 23.0
3.1	2.6 C 0.5 25	3.3 F 0.2	3.6 DC 1.5 24.0
7.2	5.8 C 1.3 25	6.5 C 0.7	7.1 C 0.1 25
7.1	5.7 C 2.0 25	5.8 C 1.3	6.1 C 1.0 25
7.0	4.2 C 2.8 25	5.1 C 1.9	5.3 C 1.7 25
6.9	4.0 C 2.9 25	4.7 C 2.2	5.0 C 1.9 25

Sta	+	⏥	−	Elev	
			918.65		
17+50				11.9	
18				11.9	
+50				12.0	
19				12.0	
+50				12.1	
20				12.1	
+50				12.2	
T.P.	6.27	917.78	7.14	911.51	stump
21				12.2	
+50				12.3	
22				12.3	
+50				12.4	
23				12.4	

GR.

6.8	4.7 C 2.1 25	5.5 C 1.3	5.8 C 1.0 25
6.8	6.1 C 0.7 25	6.8 C 0.0	6.9 DC 1.9 24.8
6.7	7.7 DC 1.0 23.0	7.7 F 1.0	7.5 DC 1.2 23.4
6.7	7.1 DC 1.6 24.2	6.8 F 0.1	6.6 C 0.1 25
6.6	6.7 DC 1.9 24.8	6.6 F 0.0	6.5 C 0.1 25
6.6	7.1 DC 1.5 24.0	7.3 F 0.7	7.3 DC 1.3 23.6
6.5	8.0 DC 0.5 22.0	8.1 F 1.6	8.3 DC 0.2 21.4
5.6	7.8 F 2.2 17.4	7.9 F 2.3	8.0 F 2.4 17.8
5.5	8.1 F 2.6 18.2	8.3 F 2.8	8.2 F 2.7 18.4
5.5	7.9 F 2.4 17.8	7.9 F 2.4	8.0 F 2.5 18.0
5.4	7.0 DC 0.4 21.8	6.7 F 1.3	D 6.6 DC 0.8 22.6
5.4	5.6 DC 1.8 24.6	5.4 F 0.0	5.5 DC 1.9 24.6

Sta.	+	℄	−	Elev	
		917.78			
23+50				12.0	
24				12.3	
B.M.	3.61	917.78	3.61	914.17	914.18
+50				12.2	
25				12.1	
+50				12.0	
26				11.8	
+50				11.7	
T.P	4.46	915.67	6.57	911.21	
27				11.5	
+50				11.4	
28				11.2	
+50				11.1	
29				10.9	

G.R.

5.4	4.9 C 0.5 25	4.6 C 0.8	4.2 C 1.2 25
5.5	4.8 C 0.7 25	4.4 C 1.1	4.1 C 1.4 25
Spike in 10" Oak 70' Rt 3ka 24+14			
5.6	5.2 C 0.4 25	4.8 C 0.8	4.5 C 1.1 25
5.7	5.7 C 0.0 25	5.5 C 0.2	5.3 C 0.4 25
5.8	7.1 DC 0.6 22.2	7.6 F 1.8	7.3 DC 0.5 22.0
6.0	5.9 F 2.9 18.9	5.9 F 2.9	5.7 F 2.7 18.4
6.1	6.8 DC 1.3 23.6	7.0 F 0.9	7.1 DC 1.0 23.0
4.2	4.0 C 0.2 25	4.9 F 0.7	5.2 DC 1.0 23.0
4.3	5.1 DC 1.2 23.4	5.6 F 0.7	5.9 DC 0.4 21.8
4.5	5.0 DC 1.5 24.0	4.8 F 0.3	5.0 DC 1.5 24.0
4.6	4.8 DC 1.8 24.6	5.2 F 0.6	5.6 DC 1.0 23.0
4.8	4.8 C 0.0 25	6.3 F 1.5	5.7 DC 1.1 23.2

Sta	+	π	−	Elev	
		915.67?			
29+50				10.8	
30				10.6	
+50				10.5	
31				10.3	
+50				10.2	
32				10.3	
+50				10.4	
33				10.7	
+50				11.1	
+65				X	
+70				11.2	
+78				X	
B.M.			4.83	910.84	910.87

G.R.

4.9	4.3 C 0.6 25	4.6 C 0.5	4.3 C 0.6 25
5.1	4.6 C 0.5 25	4.3 C 0.8	4.1 C 1.0 25
5.2	5.4 DC 1.8 24.6	5.7 F 0.5	5.7 DC 1.5 24.0
5.4	7.5 F 2.1 17.2	7.9 F 2.5	7.6 F 2.2 17.4
5.5	8.3 F 2.8 18.6	8.2 F 2.7	8.2 F 2.7 18.4
5.4	8.1 F 2.7 18.4	7.9 F 2.5	8.1 F 2.7 18.4
5.3	8.2 F 2.9 18.8	8.0 F 2.7	8.0 F 2.7 18.4
5.0	7.5 F 2.5 18.0	7.3 F 2.3	7.1 F 2.1 17.2
4.6	6.0 DC 0.6 22.2	6.3 F 1.7	6.2 DC 0.4 21.8
4.5	5.2 DC 1.3 23.6	5.9 F 1.4	5.7 DC 0.8 22.6
4.5			

Spike in P.P. N.E. Cor. Red Oak & N. Co. Line