Bk 23 - Dr. 11A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan ..... Survey

EASTWOOD ROAD

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

Road Acc't. No. M-48

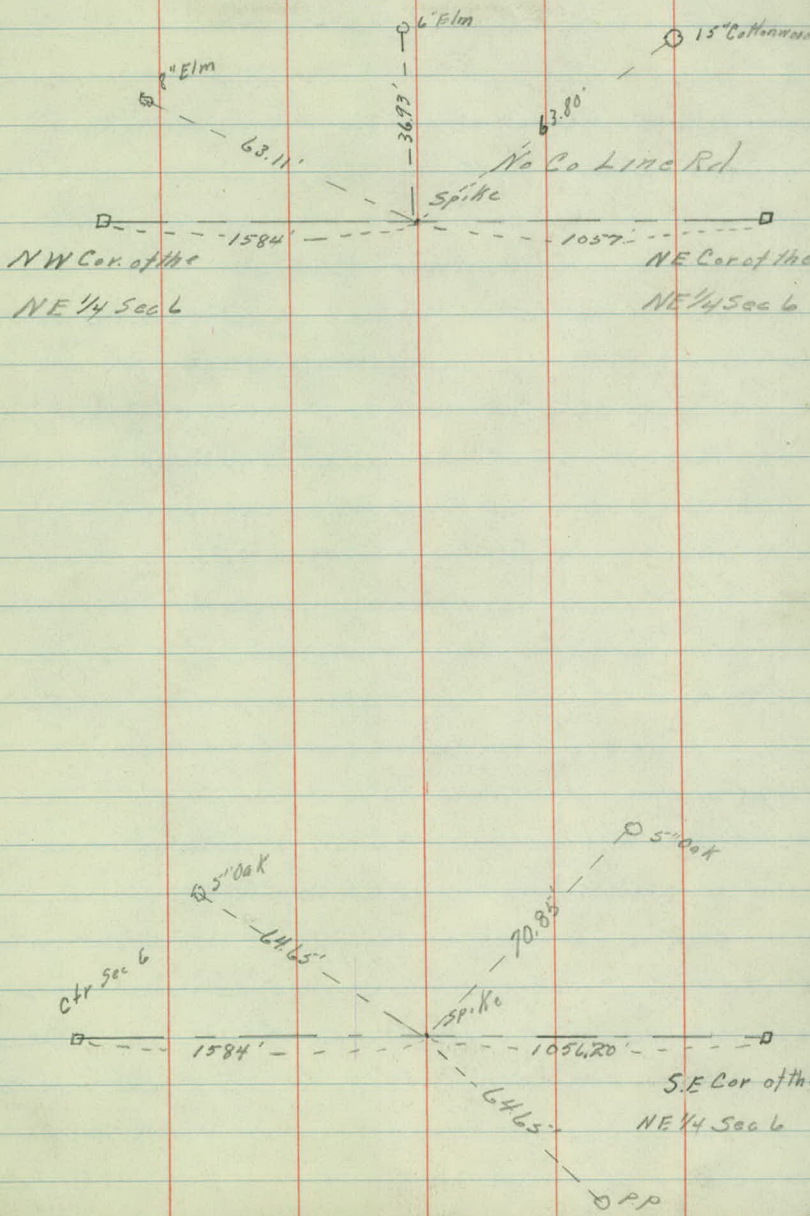
Date Filed 10-26-37 File .....

Alignment
Eastwood Road

Sta Pt.

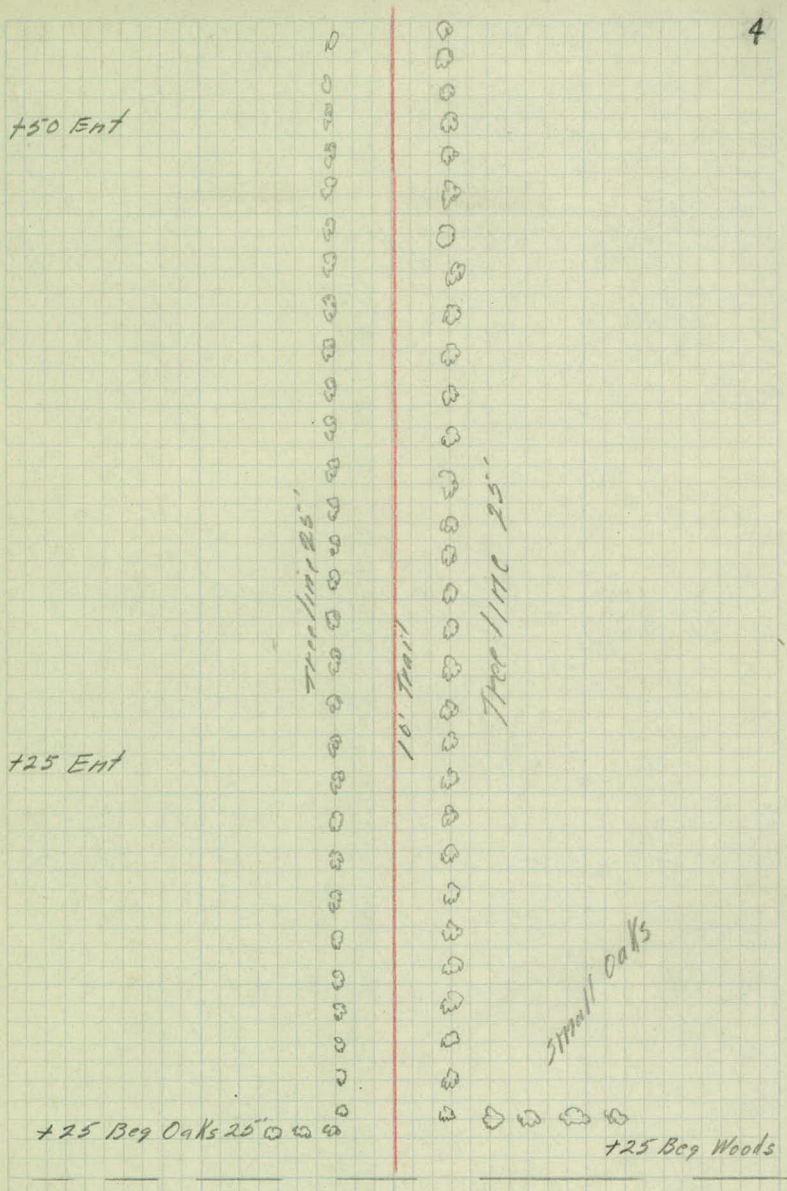
33+64.05 P.O.T

0+00

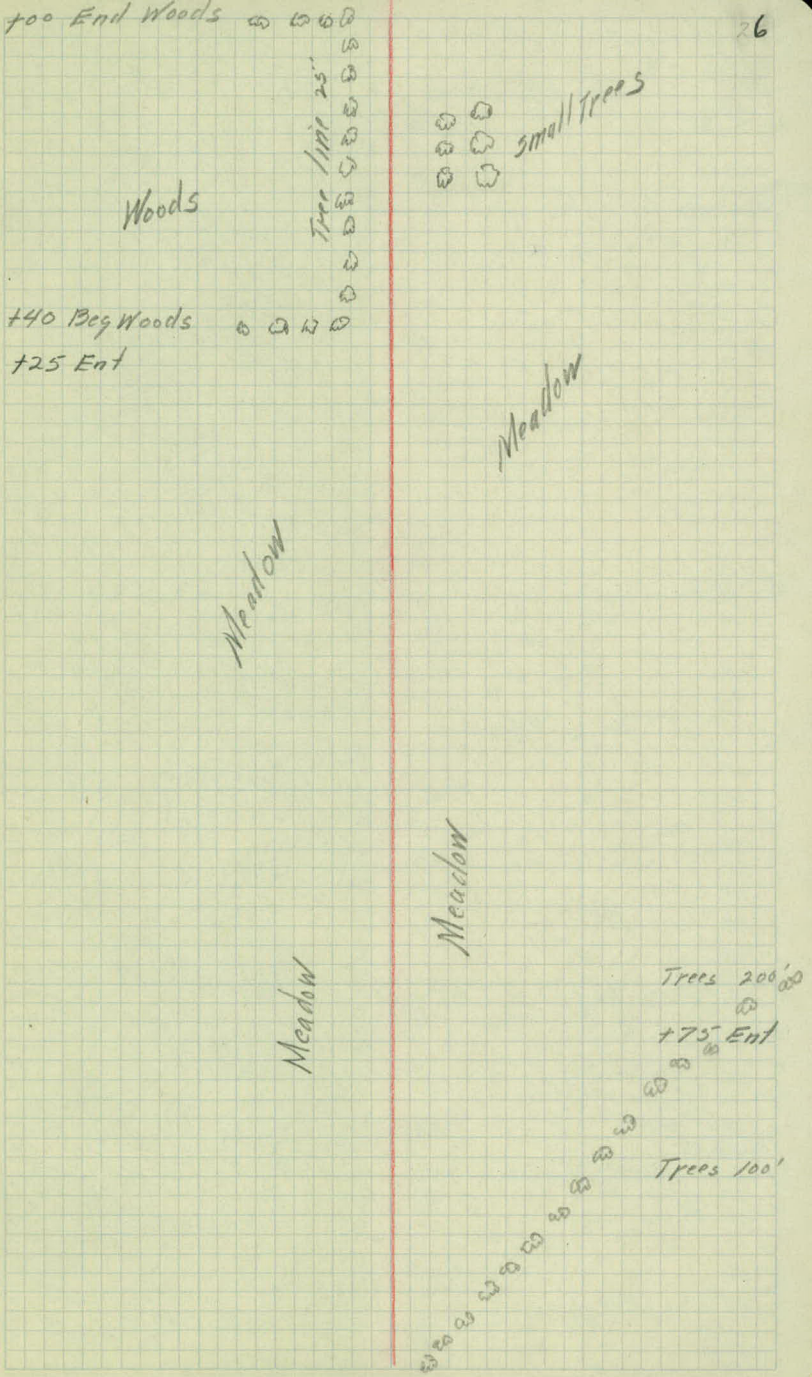

6" Elm
15" Cottonwood
8" Elm
63.11'
36.73'
63.80'
No Co Line Rd
Spike
1584'
1057'
NW Cor of the
NE 1/4 Sec 6
NE Cor of the
NE 1/4 Sec 6
5" Oak
5" Oak
64.65'
70.85'
Ctr Sec 6
Sp. Ke
1584'
1056.20'
64.65'
S.E Cor of th
NE 1/4 Sec 6
PP

Topography

Eastwood Drive


+50 Ent
+25 Ent
Treeline 25'
10' Trail
Treeline 25'
Small Oaks
+25 Beg Oaks 25'
+25 Beg Woods
Sherwood Rd

Trees 15'
+50 End
Tree line 40'
Tree line 80
Meadow
Trees 80
Tree 25' 4/100'
Tree line 25'
Woods
+00 End Woods 25'
Tree line 25'
Woods
Meadow


+00 End Woods
Tree line 25'
small Trees
Woods
+40 Beg Woods
+25 End
Meadow
Meadow
Meadow
Trees 200'
+75' End
Trees 100'

27

26

25

24

23

22

21

20

Cultivated

Waste

+25 Ent
+00 End Yard

scattered oaks

Tree line 20'

+40 End Woods

+28 Beg Woods

+00 Beg Yard

+00 Beg Cultivation

34

3316405
No Carolina Rd

33

32

31

30

29

28

No Co Line Rd

Cultivated

Cultivated

Scattered Oaks

Cultivated

+30 Ent

X sections

Eastwood Rd

Sta	+	℄	−	Elev
BM	2.54	916.28 ✓		913.74
0			4.2	12.1
+50			3.8	12.5
1+00			4.7	11.6
+50			5.1	11.2
2			4.4	11.9
+50			4.2	12.1
3			4.5	11.8
+50			5.0	11.3
T.P.	6.59 ✓	918.76 ✓	4.11	912.17 ✓
4			6.9	11.9
+50			6.5	12.3
5			5.2	13.6

Lt ℄ Rt

Spk in 8" oak 45° Lt. Stg 0+65

			3.7/50			4.2			5.0/50			
3.6/50	3.7/70	4.0/11	4.2/10	3.8	3.9/11	4.5/50						
5.0/50	4.7/13	5.1/12	4.7						4.9/10	5.0/50		
4.9/50	5.0/11	5.6/10	5.1		5.4/10	5.0/11	5.5/50					
4.0/50	4.4/12	4.8/11	4.4		4.5/10	5.1/50						
4.1/50	4.2/11	4.5/9	4.2		4.6/10	4.2/11	4.2/50					
5.1/50	4.5/9	4.8/8	4.5		4.7/11	4.2/12	4.4/50					
5.1/50	5.0/8	5.4/7	5.0		5.2/12	4.9/13	4.9/50					
6.8/50	6.7/8	7.7/6	6.9		7.2/12	6.7/13	6.7/50					
6.4/50	6.2/8	6.5			6.0/9	6.5/13	6.1/14	5.7/50				
5.3/50	5.0/5	5.2			4.8/5	5.2/13	4.8/14	4.7/50				

Sta	+	I	−	Elev
		916.76		
5+50			4.0	14.8
6			4.9	13.9
+50			5.2	13.6
7			5.5	13.3
+50			6.8	12.0
8			8.4	10.4
+50			9.2	09.6
T.P	2.60	912.58	3.78	909.98
9			3.3	09.3
+50			4.1	08.5
10			4.8	07.8
+50			5.1	07.5
11			4.7	07.9

LF	C	RF
4.8 50	4.5 19	4.0
4.4 12	4.0 14	4.1 50
5.6 50	4.9 7	4.9
4.5 3	5.0 12	4.4 13	4.1 50
5.9 50	5.0 7	5.4 6	5.2
5.1 12	4.5 13	4.4 50
6.2 50	5.6 8	6.0 7	5.5
5.7 11	5.2 12	4.9 50
7.2 50	6.7 9	7.1 8	6.8
6.6 7	7.0 11	6.4 12	6.3 32	6.2 50
9.2 50	8.8 29	8.3 9	8.7 8	6.4 5	8.4
8.2 7	8.4 11	7.8 12	7.5 33	6.8 50
10.1 50	10.1 32	9.6 10	9.2
9.0 7	9.3 11	8.8 12	7.8 50
3.9 50	3.8 26	3.4 8	3.8 7	3.3
3.5 11	3.0 12	2.4 31	2.0 50
4.6 50	4.3 30	4.3 8	4.8 7	4.1
4.2 7	4.7 11	4.2 12	4.1 34	3.9 50
5.8 50	5.7 39	5.1 9	5.5 8	4.8
5.3 11	4.9 20	4.7 35	4.5 50
4.1 50	4.6 32	5.0 13	5.3 11	5.1
5.7 7	5.5 8	5.9 12	6.3 39	6.6 50
3.6 50	4.7 28	4.4 11	4.8 11	4.7
4.8 3	5.4 9	5.2 8	5.7 34	6.0 50

Sta	+	H.I.	−	Elev
		912.58 ✓		
11+50			4.3	08.3 ·
12			4.1	08.5 ·
+50				
+50			3.8	08.8 ·
13			3.4	09.2 ·
+50			3.5	09.1 ·
B.M.			1.19	911.39 ✓
14			4.2	08.4 ·
+50			4.8	07.8 ·
15			4.8 ✓	07.8 ·
T.P. (B.M.)	0.67	912.06		911.39
+50			4.0	08.1 ·
16			4.1	08.0 ·
+50			4.4	07.7 ·
17			4.8	07.3 ·
Ditch Rt. +15				

Lt Ctr Rt

5.4/50 4.9/28 4.6/8 4.9/7 4.3 4.4/11 4.0/12 3.3/33 2.4/50

5.4/50 4.9/29 4.4/9 4.7/8 4.1 4.4/11 3.9/12 3.5/22 2.2/50

4.8/50 4.7/19 3.7/9 4.3/8 3.8 3.9/11 3.4/12 2.2/50

4.5/30 4.3/19 3.4/9 4.1/8 3.4 3.5/11 3.1/12 2.1/36 1.8/50

4.9/50 4.3/15 3.6/8 4.1/7 3.5 3.8/12 3.4/13 2.4/34 2.0/50

Spike in 24" Oak 35' Rt Sta. 13+75

5.3/30 5.0/19 4.5/9 4.8/8 4.2 4.2/11 4.1/13 2.9/50

6.0/30 5.6/18 5.1/8 5.4/7 4.8 5.2/11 4.7/12 4.2/31 3.6/50

5.9/50 5.6/18 5.1/9 5.6/8 4.8 5.1/10 4.8/11 4.3/28 3.7/50

4.9/30 4.2/9 4.9/8 4.0 4.6/11 4.2/12 3.3/50

4.6/50 4.3/10 4.7/8 4.1 4.6/10 4.1/11 3.7/50

4.7/50 4.6/11 5.2/10 4.4 4.1/9 4.6/10 4.2/30

5.5/50 5.2/10 5.5/4 4.8 4.9/10 4.8/50

5.1/25 5.3/50 5.3/30 5.5/200

Stg.	+	H.	−	Elev.
17+50		912.66	4.6	07.5.
18			3.3	08.8.
+50			2.3	09.8.
T.P.	4.10	915.12	1.04	911.02
19			5.0	10.1.
+50			5.1	10,0.
20			5.8	09.3.
+50			6.6	08.5.
21			6.1	09.0.
+50			5.0	10.1.
22			4.8	10.3.
+50			4.9	10.2.
23			4.9	10.2.

Lt. ℄ Rt

5.0/50 5.0/11 5.4/10 4.6 5.1/10 4.7/11 4.6/50

3.2/50 3.4/12 4.0/11 3.3 3.4/8 3.3/50

2.0/50 2.0/13 3.5/12 2.3 2.7/8 2.6/9 3.4/50

4.8/50 4.8/11 5.3/10 5.0 5.5/8 5.1/9 6.8/50

4.7/50 4.9/10 5.3/8 5.1 5.5/10 5.1/12 5.8/50

5.6/50 5.9/8 6.4/7 5.8 6.2/11 5.7/12 5.8/50

6.4/50 6.7/8 6.7/6 6.6 7.0/12 6.3/13 6.5/50

5.5/50 6.0/8 6.6/7 6.1 6.6/12 6.1/13 6.7/50

5.0/50 4.9/8 5.3/6 5.0 5.1/13 4.8/14 5.3/50

5.2/50 4.8/8 5.1/6 4.8 5.0/14 4.7/15 5.2/50

4.8/50 4.8/7 5.2/7 4.9 5.1/12 4.8/13 4.8/50

5.2/50 4.9/6 5.4/5 4.9 5.3/12 4.8/14 6.0/50

Sta	+	H	−	Elev.
		915.12 ✓		
23+50			5.9	09.2
B.M.			4.38	910.74 ✓
24			6.5	08.6
+50			6.2	08.9
T.P.	4.93	916.45 ✓	3.10	912.02 ✓
25			6.7	09.8
+50			6.0	10.5
26			5.0	11.5
+50			5.2	11.3
27			5.7	10.8
+50			5.6	10.9
28			5.1	11.4
+50			5.2	11.3
29			4.2	12.3

Lt. ℄ Rt

6.0 6.3 6.8 5.9 6.3 6.0 5.8
50 6 5 12 13 50

Spike in 20" Oak 33' Lt. Sta 22+98

6.5 6.6 7.2 6.5 7.2 6.5 6.4
50 6 5 12 13 50

6.2 6.1 6.5 6.5 5.8 5.7
50 6 5 6.2 13 14 50

5.8 7.6 7.1 7.0 7.1 7.2
50 6 5 6.7 10 14 50

4.5 4.1 5.2 6.0 6.3 6.3 7.3
50 38 9 8 6.0 11 26 50

4.2 4.5 5.0 5.6 5.0 6.4
50 6 4 5.0 14 24 50

4.6 4.8 5.3 5.1 5.0 5.6
50 5 4 5.2 15 16 50

5.8 5.4 5.8 5.2 5.7 5.2 4.8
50 5 4 5.7 10 15 16 50

6.2 5.6 5.3 5.1 5.7 5.2 5.3
50 31 6 5.6 9 15 16 50

5.8 5.1 5.6 5.5 5.3 5.7
50 5 4 5.1 15 14 50

5.6 5.4 5.1 5.4 5.0 5.5 5.0 5.7
50 20 6 35 5.2 11 14 16 50

3.7 4.1 4.7 4.1 4.8 4.5 5.1
30 6 5 4.2 10 14 16 50

Sta	+	H	−	Elev
		916.45 ✓		
29+50				13.1 ·
T.P.	2.12	916.26 ✓	2.31	914.14 ✓
30			2.8	13.5 ·
+50			2.7	13.6 ·
31			3.2	13.1 ·
+50			4.3	12.0 ·
32			4.8	11.5 ·
+50			3.8	12.5 ·
33			3.2	13.1 ·
+31			4.5	11.8 ·
+35			4.7	11.6 ·
+45			4.6	11.7 ·
+64.05			3.9	12.4 ·
B.M.			3.27	912.99 ✓ (913.03)

Lt | ℄ | Rt

2.8/50 3.0/6 3.7/5 3.4 3.8/14 3.6/16 4.2/50

1.9/50 2.2/5 2.9/4 2.8 2.4/5 2.7/10 3.3/15 2.6/16 3.6/50

2.2/50 2.6/5 3.0/4 2.7 2.7/10 3.2/13 2.9/14 3.8/50

2.9/50 3.1/5 3.5/4 3.2 3.8/14 3.4/15 4.5/50

4.1/50 4.3/6 4.7/5 4.3 4.8/13 4.5/14 5.4/50

4.8/50 4.9/6 5.1/5 4.8 5.2/14 4.9/15 5.1/50

3.7/50 3.7/8 4.2/7 3.8 4.4/10 4.0/14 4.1/50

3.0/50 3.2/9 3.6/6 3.2 3.6/13 3.2/14 3.6/50

2.8/50 3.0/26 4.1/18 4.4/6 4.5 4.4/10 4.1/17 3.2/24 3.3/50

6.2/50 6.2/26 5.2/15 4.6/6 4.7 4.9/12 5.5/15 6.0/24 6.2/50

4.2/50 4.3/11 4.7/8 4.6 4.5/10 4.4/25 4.5/50

3.1/50 3.9 3.9/50

Spike in 15" Cottonwood N.E Cor. Eastwood ℄ "J"

Eastwood Road

Slope Stakes

Sta	+	H.I.	−	Elev.
B.M.	3.04	916.78		913.74
0+50				12.3
1				12.3
+50				12.4
2				12.4
+50				12.5
3				12.5
+50				12.6
4				12.6
+50				12.7
5				12.7
+50				12.6
6				12.4
T.P.	3.18	916.97	2.99	913.79

G. R.

Spike in 8" Oak 45' Lt. Sta 0+65

4.5	4.3 C0.2 25	4.4 C0.1	4.6 DC1.9 24.8
4.5	5.4 DC1.1 23.2	5.2 F0.7	5.3 DC1.2 23.4
4.4	5.5 DC0.9 22.8	5.3 F0.9	5.8 DC0.6 22.2
4.4	5.0 DC1.4 23.8	5.0 F0.6	5.2 DC1.2 23.4
4.3	4.8 DC1.5 24.0	4.8 F0.5	4.8 DC1.5 24.0
4.3	5.3 DC1.0 23.0	5.1 F0.8	4.8 DC1.5 24.0
4.2	5.6 DC0.6 22.2	5.6 F1.4	5.2 DC1.0 23.0
4.2	DC 4.8 1.4 23.8	5.0 F0.8	5.0 DC1.7 23.4
4.1	4.4 DC1.7 24.4	4.5 F0.4	4.0 C0.1 25
4.1	3.3 C0.8 25	3.4 C0.7	2.7 C1.4 25
4.2	2.6 C1.6 25	2.4 C1.8	2.1 C2.1 25
4.4	3.3 C1.1 25	3.0 C1.4	2.5 C1.9 25

Sta	+	⏃ 1900	−	Elev.	
		916.97			
6+50				12.1	
7				11.7	
+50				11.4	
8				11.0	
+50				10.7	
9				10.3	
+50				10.0	
10				9.8	
+50				9.6	
11				9.5	
+50				9.5	
T P	3.54	912.61		7.90	909.07
12				9.4	

G. R.

4.9	3.6 C 1.3 25	3.3 C 1.6	2.6 C 2.3 25
5.3	4.1 C 1.2 25	3.8 C 1.5	3.5 C 1.8 25
5.6	5.2 C 0.4 25	5.1 C 0.5	4.6 C 1.0 25
6.0	6.9 DC 1.1 23.2	6.8 F 0.7	5.9 C 0.1 25
6.3	8.2 DC 0.1 21.2	7.5 F 1.2	6.6 DC 1.9 24.4
6.7	8.2 DC 0.5 22.0	7.7 F 1.0	7.0 DC 1.7 24.4
7.0	8.7 DC 0.3 21.6	8.7 F 1.7	8.7 DC 0.3 21.6
7.2	9.8 F 2.6 18.2	9.4 F 2.2	9.4 F 2.7 17.4
7.4	10.4 F 3.0 19.0	9.6 F 2.2	9.4 DC 0.0 21.0
7.5	9.7 F 2.2 17.4	9.3 F 1.8	9.0 DC 0.5 24.0
7.5	9.5 DC 0.0 24	8.9 F 1.4	8.0 DC 1.5 24.0
3.2	4.8 DC 0.4 21.8	4.3 F 1.1	3.4 DC 1.8 24.6

Sta.	+	℄	-	Elev	
		917.61			
12+50				9.4	
13				9.3	
B. M.			12.1	911.40	(911.39)
+50				9.3	
14				9.2	
+50				9.2	
15				9.1	
+50				9.1	
16				9.0	
+50				9.0	
17				09.0	
+50				9.1	
18				9.2	
T.P.	3.99	915.28	1.32	911.29	

G.R.

3.2	4.3 DC 0.9 22.8	3.8 F 0.6	3.2 C 0.0 25
3.3	4.2 DC 1.1 23.2	3.9 F 0.2	2.2 C 1.1 25.0

3pk 24" Oak 35' Rl 13+25

3.3	4.2 DC 1.1 23.2	3.6 F 0.3	2.8 C 0.5 25
3.4	4.8 DC 0.6 22.2	4.3 F 0.9	3.8 DC 1.2 24.2
3.4	5.8 F2.4 17.8	5.2 F1.8	4.4 DC 1.0 23
3.5	5.7 F2.2 17.4	5.0 F1.5	4.5 DC 1.0 23.0
3.5	5.5 DC DP 21.0	4.9 F1.4	4.5 DC 1.0 23.0
3.4	5.3 DC 0.3 21.6	4.8 F1.2	4.7 DC 0.9 22.8
3.6	5.5 DC 0.1 21.2	5.2 F1.6	5.2 DC 0.4 21.8
3.6	5.9 F2.3 17.6	5.6 F2.0	5.6 DC 0.0 21.0
3.5	5.8 F2.3 17.6	5.4 F1.9	5.3 DC 0.2 21.4
3.4	4.1 DC 1.3 23.6	4.0 F 0.6	3.9 DC 1.5 24.0

Sta.	+	⏊	−	Elev
		915.28		
18+50				9.3
19				9.5
+50				9.6
20				9.7
+50				09.9
21				10.0
+50				10.2
22				10.3
+50				10.4
23				10.6
+50				10.8
24				10.9

G.R.

6.0	5.2 CO.8 25	5.6 CO.4	6.2 DC 1.8 24.6
5.8	5.0 CO.8 25	5.2 CO.6	5.9 DC 1.9 24.8
5.7	5.1 CO.6 25	5.2 CO.5	5.5 CO.2 25
5.6	6.0 DC 1.6 24.2	6.0 F0.4	5.9 DC 1.7 24.4
5.4	7.1 DC 0.3 21.6	6.8 F1.4	6.4 DC 1.0 23.0
5.3	6.2 DC 1.1 23.2	6.3 F1.0	6.5 DC 0.8 22.6
5.1	5.1 DC 0.0 25	5.2 F0.1	5.0 CO.1 25
5.0	5.1 DC 1.9 24.8	5.00 F0.0	5.0 CO.0 25
4.9	5.1 DC 1.8 24.6	5.0 F0.1	5.1 DC 1.8 24.6
4.7	5.3 DC 1.4 23.8	5.2 F0.5	5.1 DC 1.6 24.2
4.5	6.6 F2.1 17.2	6.4 F1.9	6.1 DC 0.4 21.8
4.4	7.1 F2.7 18.4	6.9 F2.5	6.9 F2.5 18.0

Sta.	+	H.I.	−	Elev.
		915.28		
24+50				11.1
25				11.2
T.P.	5.06	916.21	4.13	911.15
+50				11.4
26				11.5
+50				11.7
27				11.8
+50				12.0
28				12.1
+50				12.3
29				12.4
T.P.	6.38	918.51	4.08	912.13
+50				12.6
30				12.7

G. L.

4.2	6.5 F 2.3 17.6	6.5 F 2.0	6.1 DC 0.1 21.2
4.1	5.3 DC 0.8 22.6	5.7 F 1.6	6.1 DC 0.0 21.0
4.8	4.6 C 0.2 25	5.7 F 0.9	6.4 DC 0.4 21.8
4.7	4.1 C 0.6 25	4.8 F 0.1	5.1 DC 1.6 24.2
4.5	4.5 C 0.0 25	5.0 F 0.5	4.7 DC 1.8 24.6
4.4	5.4 DC 1.0 23.0	5.6 F 1.2	4.8 DC 1.6 24.2
4.2	5.3 DC 0.9 22.8	5.4 F 1.2	5.1 DC 1.1 23.2
4.1	5.0 DC 1.1 23.2	5.1 F 1.0	5.0 DC 1.1 23.2
3.9	5.3 DC 0.6 22.2	5.0 F 1.1	4.8 DC 1.1 23.2
3.8	3.8 C 0.0 25	4.1 F 0.3	4.5 DC 1.3 23.6
5.9	5.1 C 0.8 25	5.6 C 0.3	5.6 C 0.3 25
5.8	4.5 C 1.3 25	5.1 C 0.7	5.4 C 0.8 25

Sta	+	℄	−	Elev	
		918.51			
30+50				12.7	
31				12.7	
+50				12.7	
32				12.6	
+50				12.5	
33				12.4	
+31				12.3	
B.M.			5.48	913.03	(913.03)

G.R.

5.8	4.7 C 1.1 25	5.0 C. 0.8	5.5 C. 0.3 25
5.8	5.3 C 0.5 25	5.6 C. 0.2	6.0 DC 1.8 24.6
5.8	6.4 DC 1.4 22.8	6.6 FO.8	7.1 DC 0.7 22.4
5.9	7.1 DC 0.8 22.6	7.2 F 1.3	7.2 DC 0.7 22.4
6.0	6.0 C 0.9 25	6.2 FO.2	6.2 DC 1.8 24.6
6.1	5.4 C 0.7 25	5.5 C 0.6	5.4 C 0.7 25
6.2	5.2 C 1.0 25	6.9 FO.7	5.3 C 0.9 25

15" Cot. NE Cor Eastwood & N. Co. Line Rd.