

Book- 4, Dr. 12-A

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Plan

Survey

Hazelwood

BOCK ST.

From Frost Ave. To Co. Rd. C

Road Acc't. No. N 2

Date Filed 9-19-30

File 30-N2

PROJ. 30-N2

9-19-30

Bock St.

Proj. 30-112

9-19-30

Sta. Point ΔL ΔR

52+67.5 Mont

29+97.2 P.O.T.

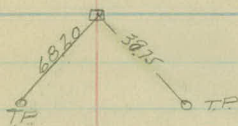
26+36.3 Mont 0°06'04"

13+59.90 P.O.T. $\angle$ Soo line Track

9+23.2 P.O.T.

3+24.2 Mont

0+00 Mont $\angle$ Frost Ave.



spike

27x2 1/4 in. 55'



69°

Bottom Flag Pole on Water Tower

Soo Line R.R.

spike

spike



Sta.

Point

Alt

Dir.

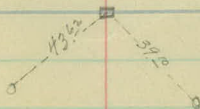
78+84²

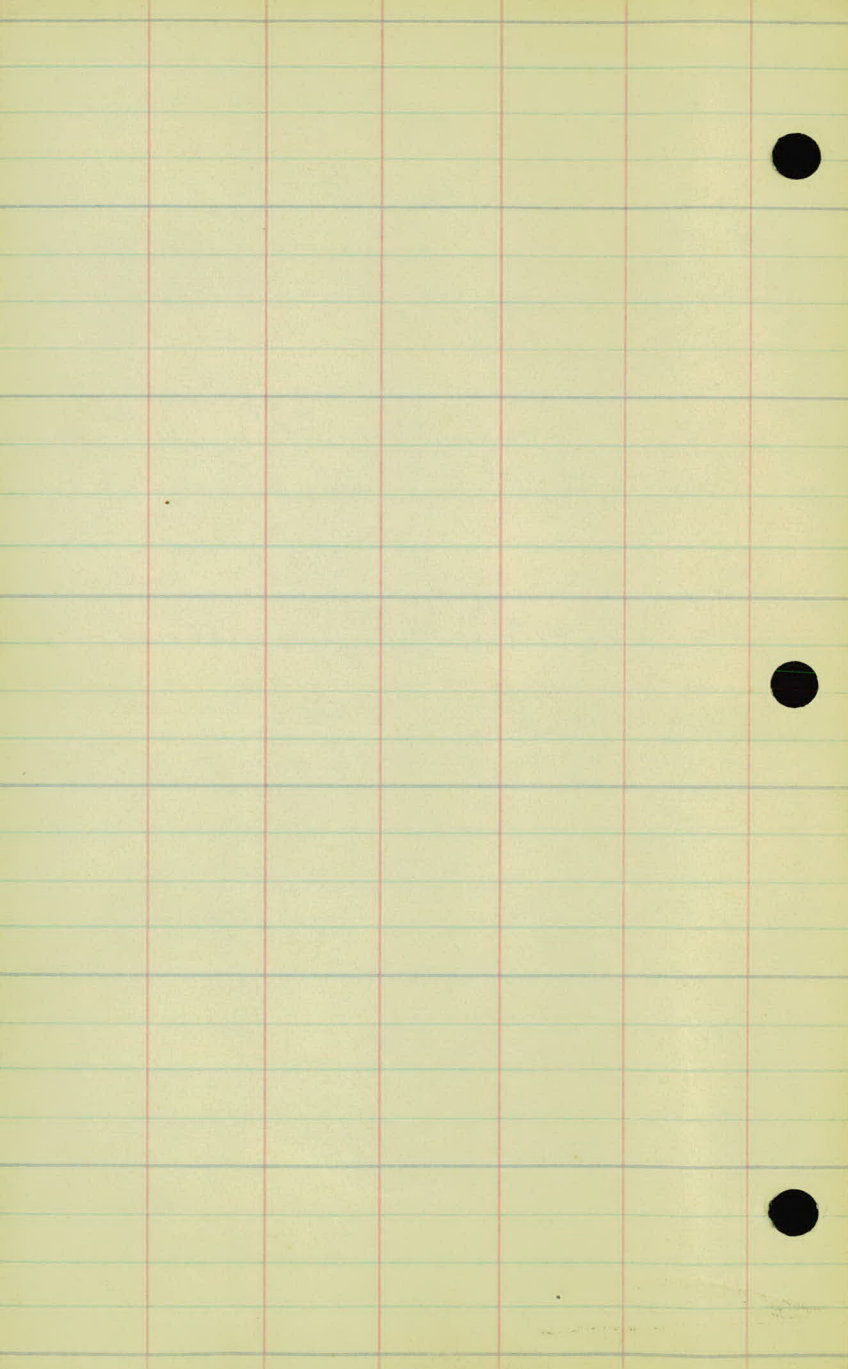
Mont

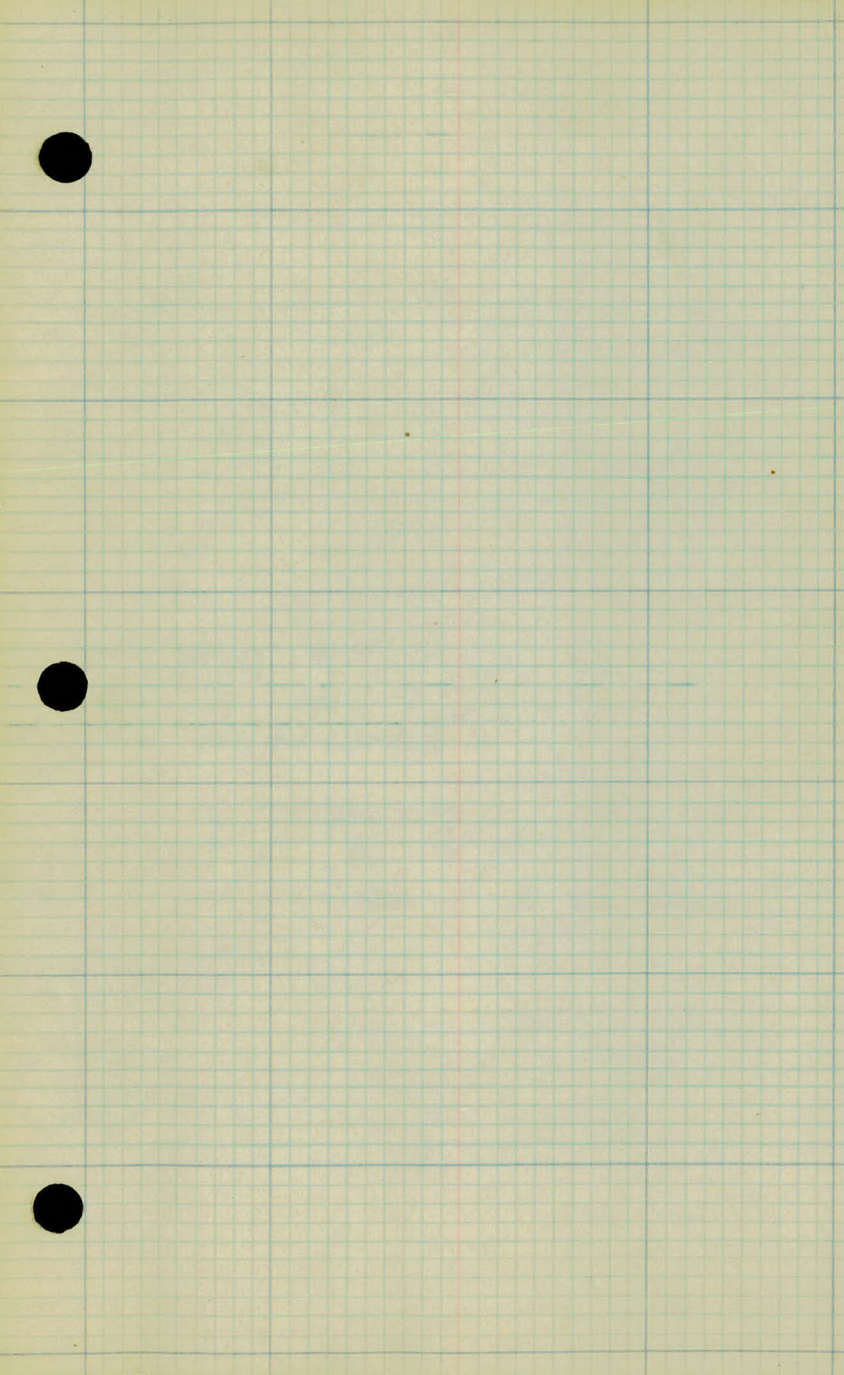
Co.

Rd. "C"

End of Proj.







5

4

3

2

1

0400 L Frost Ave. Pave.

2'

+50 = Beg. Hay. Field End. Corat.
+46 = Clump Brush 20'

+19 = 2-4" Elm 18'

1'

+70 Beg. Corn Field
+67 = 18" Map 31'
+64 = 18" Map 18'
+50 End Hay Field

Cultivated Field

±

+60 = Beg. Cult

±

Hay Field

±

Waste land

+29 = Rd. 50' 19'
+23 T.P. 29'

+23 = X Drain = 15" x 44" CM. 24 20.5

20 Frost Ave. 20

12

11

10

9

8

7

6

+96 F.C. 33'

Hay Field

4'

4'

4'

4'

3'

4'

3'

Cultivated

+52 Xing Sq. 15'

+90 = 8" Oak 21'

Hay Field

Cultivated

18

17

16

15

14

13

F12

El. 2'

F-12

1'-Ed.

+97 = 15" 16" 17"

F14'

±

F15'

±

Cultivated

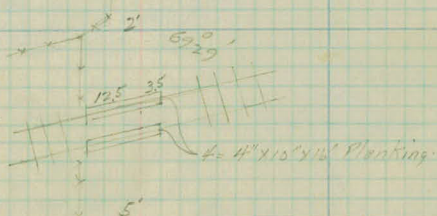
Hay Field

+08 = F Cor. 18'

+97 Cor. R/F 36'

+68 Xing Co. 18'

+592 ± R.R. Tracks



25

24

23

22

21

20

19

Cultivated.

2

+50 End Hay F Beg. Grain F

+12 End F. 12'

x 1

Cultivated

x

x

F13'

x 1'

Hay field

x

F13'

x 2'

Hay Field

x

F13

x 2'

Cultivated

x

+25 = 6" Oak 25'

F19

x 1'

+22 Beg. Cult.
+22 End Hay F

x

F17'

x 1'

32

31

30

29

28

27

26

+19 F.C. 2'
+85 End Berry Patch 28'
+67 T.P. 21'

+87 End Cult.
+82 End Ev. Gr. Dr 17'

2'

+19 T.P. 20'

Berry Patch

Cultivated

+92 Cr. Berry Patch 24'
+89 F.C. Dr.
+72 T.P. 28'
+72 End Hay F.

+69 Bag. Cult.
+96 Bag. Ev. Gr. Row 20'
+67-2-2' Elm 30'
+57-Pr. Dr.
+49-2' Fr. Tree 31'
+42-2' Elm 16'
+40 End Ev. Gr. Row 20'

3'

+26 T.P. 20'

Hay Field

4'

Ever Gr. Row 20'

Truck Garden

3'

+85 T.P. 20'

+61 X Drain 15" x 30' C.M.

17' 13'

Mon. & Co. 14' 8"

+65 Row Ev. Gr. 20'

+13 X Dr. 15" x 30' C.M.

15' 15"

39

38

37

36

35

34

33

+41 F. Cor. 25' End Berry Patch
 +85 P. D.
 Berry Patch

+48 Coy F26 Bag Berry Patch
 +31 E Side Road.
 +31 - Old Side Dr. 24'
 12" x 24" G.M.

+67 TP 19'

+76-18" Oak 24'
 +64-8" Oak 26'

+02 TP 28'

4' Light Clearing
 From 3437200 To 3437250

Waste land

F15'

F=14'

+05 F. Ent.
 +90 F. Int 20'

00 End F. 20'

+57-4" Oak 18'

+17- F. Cor. 14'
 +00 End Berry Patch 20'

+62 TP 20'

F19'

+16-TP 20
 F20'

Pasture.

Berry Patch.

+04- Coy. Berry Patch
 25'

46

45

44

43

42

41

40

+70 End Ckhead
Bay. Patches

+07 T.P. 18'

3'

+84 Bay Ckhead
+84 End Berry Patch
15'

+58 T.P. 17'

3'

Hay Field

4'

+75 Current Ecks
15'

+41 F. Cor. 21

+16 T.P. 17'

F 20'

Yard.

+40-10" Oak 13'
+32-12" Stump 14'
+23-12" Oak 15'
+11-8" Oak 17'
+95-12" Oak 14'
+71-8" Oak 18'
+85-8" Oak 16'
+74-8" Oak 12'
+69-4" Oak 15'
+57-10" Oak 18'
+48-8" Oak 19'
+44-8" Oak 17'
+22 Pk. Ent

Pasture

6'

Yard.

+59 T.P. 19'

+43 F. Cor. 22'

+10 Pk. Dr.

Front Yard

42'

Waste land

Light Cleaning

F + 50 = 42'

+32-10" Oak 13'
+32 F. Cor. 13'
F 13'

+61-12" Oak 13'

+20 Pk. Dr. 55'
+17 T.P. 19'
Berry Patch

F 14'

53

52

51

50

49

48

47

Waste.

Hay Field.

+67 $\frac{1}{2}$ Fence Running W. 16'

+67 $\frac{1}{2}$ E Side Rd.

+52 T.P. 36'

+00 T.P. 15'

3'

4'

+59 T.P. 16'

Potatoes

3'

3'

Corn

+06 T.P. 17

3'

+25 End Potatoes
Beg Corn

Potatoes

3'

+57 T.P. 17'

+00 End Hay Field
Beg Potatoes.

3'

60

59

58

57

56

55

54

+85 F Cor. 22
+83 7.15 21

Garden.

+49 F Cor. 22

Yard.

+00 P. Dr. 12" x 16' CM 18' 5'

+92 Edge Garden.

+31 End Waste Land Bay Garden.

+85 End light Clearing
Bay Yard.

+73-8" Oak 11'

+41-8" Oak 20'

+25 Beg. Light Clearing

+20 F Cor 33'

Garden.

+80 F Cor 33

+33 L.P. Dr.
12" x 16' CM. 9'

+58 Beg. Cult. Patch

+29-10" Oak 31'

+20-6" Oak 28'

+08 End Hay F.

Summer Fallow.

Waste Land.

67

66

65

64

63

62

61

+75 T.P. 20'

+70 = 12" Stump 20

Cultivated

+11 T.P. 20'

+70 End Hay Field Beg.
Cultivation.

+43 T.P. 20'

Hay Field.

+94 E Side Bl.
12" x 20" C.M. 11'
+75 T.P. 20'

Hay Field

2'

Garden

+01 = 15" Stump 19

+86 = 2" Cherry Tree 13'

7-6" Stump
Bet. 66 + 25
and 66 + 50

Truck

+17 = 2" Oak 16'
+07 Beg. Garden 19'
+10 = 3" Oak 16'

+82 P. Dr.
+74 F. Cor. 33'

+56 = 12" Stump 15'

3' 33'

+08 Stump 16'

Pasture.

5'

+04 F. Cor.
+93 P. Dr.
12" x 16" C.M. 12'
+77 = 8" Oak 32
+58 = 12" Oak 32

4'

Yard.

+12 = 12" x 22" C.M. 11'
+76 E Side Bl.
+23 8" W.O. 30'
+20 End Garden

5'

+50 Beg. Garden.
+43 P. Dr.
12" x 16" C.M. 11'

5'

74

73

72

71

70

69

68

+89 T.P. 20'

Truck Garden

£

Cultivated.

+55 T.P. 20'

+30 Beg. Truck Farm.

+24 End F16

F16'

£

Cultivated.

+62 T.P. 20 F16'

Orchard.

£

Beg. Cultivation
+00 End Garden.

+15 Fbx 18

+09 Lilac Bush 27'

+00 - Small Bush 30'

+83 - 6" E. Gr. 29'

+71 Lil Bush 27'

+58 Pr. Dr.

+52 Egn Coll.

+38 T.P. 20'

£

+41 - 12" Stump 23'

+23 - 12" Stump 23'

+09 - 6" Cherry Tr. 11'

£

+83 - 12" Stump 21'

Garden.

+12 - 12" Oak 24'

+842

£ C. D. "C".

78

77

76

75

+69 X.D.R. 12" X 32

+46 T.P. 20'

+65 End Truck Farm
Beg. Yard.

+29 T.P. 20'

+13 T.P. 20'



175 145



2'

2'

2'

2'

+63 P.P. 33'

+61 F. 28'

+56 F. 22'

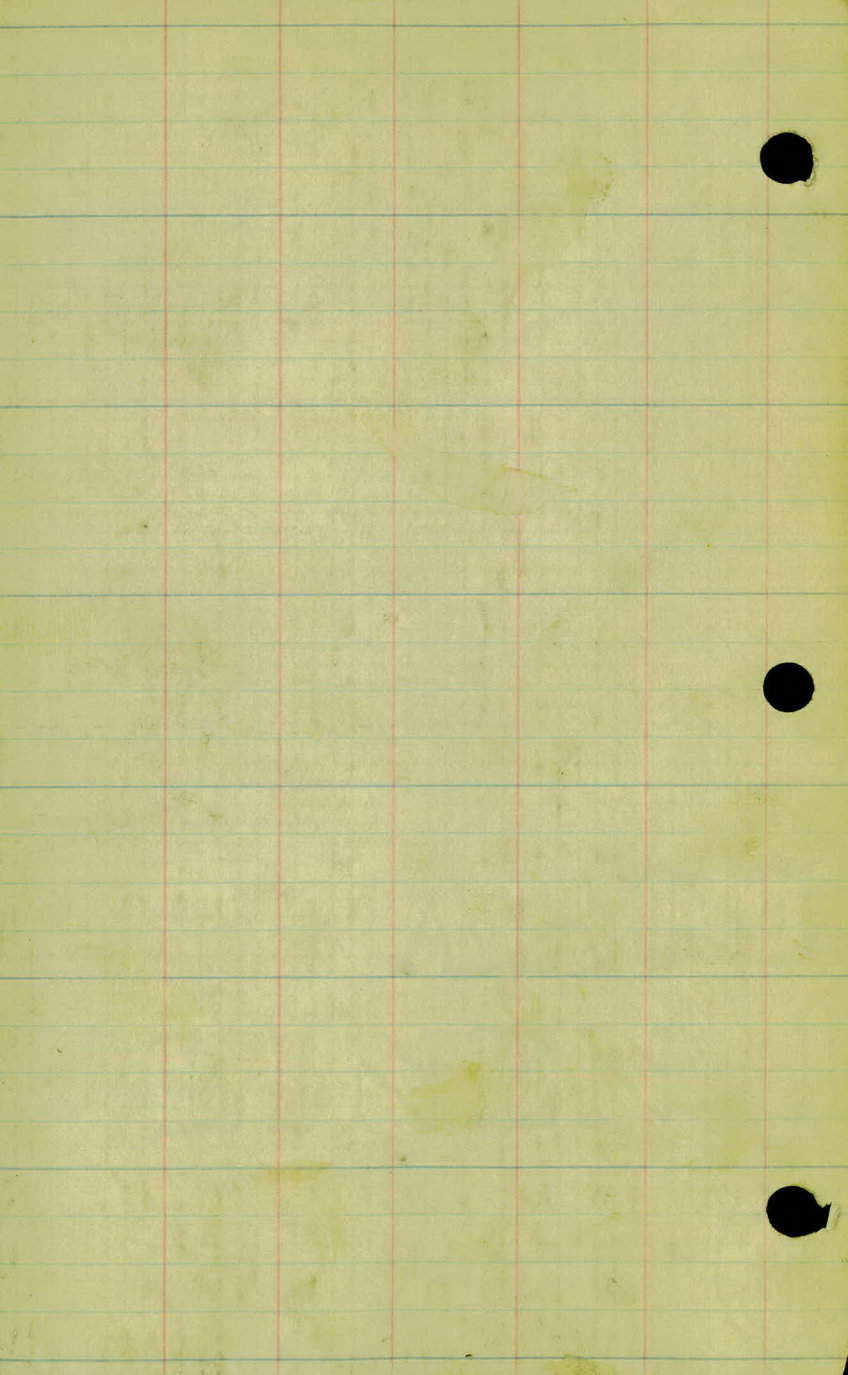
+27 F.C.P. 19'

+17-12' Stump 28'

Beg. Yard.

+85 End Cult.

+96 212' Stump 22'



CHECK LEVELS ^{AND} CROSS-SECTIONS

BOCK STREET

PROJ. 30-N2

	+	HI	-	Elev.
B.M.	2.35	925.42		928.07
T.P.	8.17	922.13	11.46	913.96
" "	5.48	926.69	0.92	921.21
B.M.			0.29	926.40
T.P.	3.14	921.04	8.79	917.90
" "	10.94	925.03	6.95	914.09
B.M.			2.04	922.99
T.P.	6.92	931.39	0.56	924.47
" "	3.86	929.99	5.26	926.13
B.M.	1.79	926.87	4.91	925.08
T.P.	4.90	926.52	5.25	921.62
" "	0.46	920.71	6.29	920.25
B.M.			4.14	916.57
T.P.	4.67	917.56	7.82	912.89
" "	0.33	915.12	2.77	914.79
T.P.	0.22	909.43	5.91	909.21
" "	0.98	898.55	11.86	897.57
B.M.	6.59	901.37	3.77	894.78
T.P.	12.32	902.74	10.95	890.42
T.P.	10.04	911.99	0.79	901.95
" "	11.00	922.15	0.84	911.15
" "	0.28	915.31	7.12	915.03
" "	1.29	905.40	11.20	904.11
B.M.			9.89	895.51

7/30 ⁽²⁾ Hottest Day of Year. 110°F ? 7/10/30
✓ spike in 18" Oak 45' Lt 0+90 of 29-42
● Nail in T.P. 75+50

So. East Cor. Conc. Step in Front of House 150' Lt. Sta. 69+90

Water Table S.E. Cor. Porch 100' Lt Sta 60+20

✓ Top of N.W. cor. Mort Sta. 52+67.5

● ✓ spike in 15" CM 35' Lt Sta. 39+55. (Missing 7/11/30)

T.P.

✓ spike in 10" B.O. 95' Lt Sta. 20+25
Nail in Tree

● ✓ spike in P.P. 100' So. E. 0+00

Sta.	+	H.I.	-	Elev.
B.M.	9.89	905.40		895.51
0+00		L. Pave.		899.56

+10		Edge of Pave.		99.4
-----	--	---------------	--	------

+15				99.5
-----	--	--	--	------

+23				899.6
-----	--	--	--	-------

+33				900.0
-----	--	--	--	-------

+50				00.8
-----	--	--	--	------

1				03.2
T.P.	9.88	913.99	129	904.11

+50				05.5
-----	--	--	--	------

2				08.2
---	--	--	--	------

+50				12.3
-----	--	--	--	------

T.P.	4.93	917.73	109	912.90
------	------	--------	-----	--------

+50				
-----	--	--	--	--

3				14.6
---	--	--	--	------

+25				15.1
-----	--	--	--	------

Left

L

Right

$$\frac{5.78}{50} \quad \frac{5.83}{25} \quad 5.84 \quad \frac{5.87}{25} \quad \frac{5.87}{50}$$

$$\frac{5.9}{50} \quad \frac{5.96}{25} \quad 6.0 \quad \frac{6.03}{25} \quad \frac{5.98}{50} \checkmark$$

$$\frac{5.8}{33} \quad \frac{6.0}{30} \quad \frac{5.8}{14} \quad 5.9 \quad \frac{6.2}{15} \quad \frac{5.9}{33} \checkmark$$

$$\begin{array}{ccccccc} & \text{Flourline} & & & & & \\ \frac{7.6}{33} & \frac{8.3}{24} & \frac{6.4}{24} & \frac{6.0}{15} & 5.8 & \frac{6.0}{11} & \frac{6.0}{18} & \frac{8.75}{21} & \frac{8.0}{33} \checkmark \end{array}$$

$$\frac{4.2}{33} \quad \frac{6.2}{21} \quad \frac{5.4}{9} \quad 5.4 \quad \frac{5.6}{8} \quad \frac{7.2}{24} \quad \frac{7.2}{33} \checkmark$$

$$\frac{3.5}{33} \quad \frac{4.0}{19} \quad \frac{5.2}{16} \quad \frac{4.9}{12} \quad 4.6 \quad \frac{4.6}{6} \quad \frac{5.6}{10} \quad \frac{6.7}{17} \quad \frac{7.3}{26} \quad \frac{6.2}{28} \quad \frac{6.0}{33}$$

$$\frac{3.3}{33} \quad \frac{3.6}{15} \quad \frac{2.2}{10} \quad 2.2 \quad \frac{2.3}{7} \quad \frac{5.0}{18} \quad \frac{5.3}{25} \quad \frac{4.3}{27} \quad \frac{4.0}{33}$$

$$\frac{11.0}{33} \quad \frac{10.6}{14} \quad \frac{8.8}{9} \quad 8.5 \quad \frac{8.7}{7} \quad \frac{10.2}{12} \quad \frac{11.4}{18} \quad \frac{11.7}{23} \quad \frac{9.7}{26} \quad \frac{8.0}{33}$$

$$\frac{8.0}{33} \quad \frac{7.5}{15} \quad \frac{5.8}{8} \quad 5.8 \quad \frac{5.7}{16} \quad \frac{7.0}{18} \quad \frac{7.3}{24} \quad \frac{5.2}{26} \quad \frac{3.0}{33}$$

$$\frac{3.0}{33} \quad \frac{2.1}{15} \quad \frac{3.0}{14} \quad \frac{2.8}{7} \quad \frac{2.1}{8} \quad 1.7 \quad \frac{1.7}{10} \quad \frac{3.0}{16} \quad \frac{1.0}{27}$$

$$\frac{1.4}{33}$$

$$\frac{2.6}{33} \quad \frac{2.9}{16} \quad \frac{4.1}{12} \quad \frac{3.7}{8} \quad 3.1 \quad \frac{3.2}{9} \quad \frac{4.5}{14} \quad \frac{4.5}{19} \quad \frac{0.1}{36} \quad \frac{0.0}{33}$$

$$\frac{3.0}{33} \quad \frac{2.2}{16} \quad \frac{3.7}{12} \quad \frac{3.2}{8} \quad 2.6 \quad \frac{2.7}{10} \quad \frac{4.1}{15} \quad \frac{3.9}{21} \quad \frac{0.8}{28} \quad \frac{1.1}{33}$$

Sta. + H.I. - Elev

917.73

+65

914.4

4

13.0

+50

11.4

5

10.9

+50

11.3

6

12.2

+25

13.0

+50

14.6

T.P

6.47

923.05

1.15

916.58

7

17.2

+50

17.4

8.

17.1

+50

17.0

9

17.2

Left 2 Right

$\frac{2.3}{3.2}$ $\frac{2.0}{2.1}$ $\frac{3.0}{1.5}$ $\frac{4.2}{1.3}$ $\frac{3.6}{7}$ 3.3 $\frac{3.4}{9}$ $\frac{5.0}{17}$ $\frac{5.0}{2.3}$ $\frac{3.7}{2.7}$ $\frac{4.2}{3.2}$ $\frac{4.0}{3.3}$

$\frac{5.6}{3.3}$ $\frac{4.9}{17}$ $\frac{5.7}{15}$ $\frac{5.6}{12}$ $\frac{4.8}{9}$ 4.7 $\frac{4.9}{8}$ $\frac{5.6}{12}$ $\frac{7.2}{18}$ $\frac{6.8}{26}$ $\frac{6.2}{27}$ $\frac{6.0}{3.3}$

$\frac{7.7}{3.3}$ $\frac{7.5}{17}$ $\frac{7.8}{16}$ $\frac{7.5}{13}$ $\frac{6.3}{12}$ 6.3 $\frac{6.4}{6}$ $\frac{9.4}{12}$ $\frac{9.2}{20}$ $\frac{7.8}{3.3}$

$\frac{9.2}{3.3}$ $\frac{9.2}{2.3}$ $\frac{9.0}{15}$ $\frac{6.9}{10}$ 6.8 $\frac{7.2}{5}$ $\frac{11.7}{12}$ $\frac{12.2}{20}$ $\frac{12.0}{3.3}$

$\frac{10.2}{3.3}$ $\frac{10.1}{2.2}$ $\frac{9.7}{17}$ $\frac{6.5}{11}$ $\frac{6.1}{3}$ 6.4 $\frac{6.5}{4}$ $\frac{12.2}{13}$ $\frac{12.2}{2.3}$ $\frac{12.0}{3.3}$

$\frac{8.3}{3.3}$ $\frac{8.3}{18}$ $\frac{5.4}{12}$ $\frac{5.3}{3}$ 5.5 $\frac{5.4}{7}$ $\frac{7.5}{11}$ $\frac{7.3}{16}$ $\frac{8.2}{3.3}$

$\frac{5.6}{3.3}$ $\frac{5.6}{2.3}$ $\frac{5.7}{17}$ $\frac{4.7}{13}$ $\frac{4.6}{4}$ 4.7 $\frac{4.5}{7}$ $\frac{5.7}{11}$ $\frac{5.7}{18}$ $\frac{4.9}{26}$ $\frac{3.9}{28}$ $\frac{4.2}{3.3}$

$\frac{3.3}{3.3}$ $\frac{3.3}{2.2}$ $\frac{4.5}{21}$ $\frac{4.4}{18}$ $\frac{3.4}{15}$ $\frac{3.1}{3}$ 3.1 $\frac{3.0}{7}$ $\frac{4.0}{13}$ $\frac{3.7}{20}$ $\frac{1.9}{25}$ $\frac{0.0}{28}$ $\frac{0.0}{3.3}$

$\frac{7.7}{3.3}$ $\frac{7.1}{2.3}$ $\frac{8.0}{21}$ $\frac{7.6}{17}$ $\frac{6.2}{12}$ $\frac{5.8}{4}$ 5.9 $\frac{6.0}{6}$ $\frac{6.9}{12}$ $\frac{6.9}{18}$ $\frac{3.5}{26}$ $\frac{1.7}{28}$ $\frac{3.2}{3.3}$

$\frac{8.4}{3.3}$ $\frac{7.4}{18}$ $\frac{6.9}{13}$ $\frac{6.2}{10}$ 5.7 $\frac{5.5}{8}$ $\frac{6.4}{11}$ $\frac{5.9}{19}$ $\frac{4.6}{26}$ $\frac{2.2}{27}$ $\frac{2.5}{3.3}$

$\frac{8.8}{3.3}$ $\frac{8.3}{2.2}$ $\frac{7.3}{13}$ $\frac{6.3}{11}$ $\frac{5.9}{4}$ 6.0 $\frac{6.2}{8}$ $\frac{7.0}{11}$ $\frac{7.2}{17}$ $\frac{5.0}{25}$ $\frac{3.7}{27}$ $\frac{3.5}{3.3}$

$\frac{9.0}{3.3}$ $\frac{8.3}{19}$ $\frac{8.4}{15}$ $\frac{6.6}{11}$ $\frac{6.1}{3}$ 6.1 $\frac{6.1}{5}$ $\frac{7.6}{8}$ $\frac{8.0}{15}$ $\frac{7.2}{26}$ $\frac{6.8}{28}$ $\frac{6.5}{3.3}$

$\frac{6.8}{3.3}$ $\frac{6.6}{2.6}$ $\frac{7.9}{24}$ $\frac{7.5}{15}$ $\frac{6.3}{11}$ $\frac{6.0}{4}$ 5.9 $\frac{6.0}{7}$ $\frac{7.1}{11}$ $\frac{6.8}{17}$ $\frac{4.8}{22}$ $\frac{3.9}{3.3}$

Sta	+	H.I.	-	Elev.	
		923.05			
T. P.	9.39	926.45	5.99	917.06	
+50					916.7
10					14.6
T. P.	3.90	918.54	11.81	914.64	
+50					12.1
11					09.6
T. P.	1.33	909.86	10.01	908.53	
+30					08.3
+50					07.5
12					05.7
+50					04.5
13					03.7
+10					03.6
+25					03.6
+50					03.6
+57	Top	So. rail			03.38

Left

E

Right

$\frac{9.0}{33}$	$\frac{7.7}{27}$	$\frac{11.3}{23}$	$\frac{11.2}{17}$	$\frac{10.4}{14}$	$\frac{9.7}{3}$	9.8	$\frac{9.7}{5}$	$\frac{10.7}{10}$	$\frac{10.1}{17}$	$\frac{4.3}{29}$	$\frac{6.5}{33}$
------------------	------------------	-------------------	-------------------	-------------------	-----------------	-----	-----------------	-------------------	-------------------	------------------	------------------

$\frac{11.7}{33}$	$\frac{11.3}{28}$	$\frac{13.0}{26}$	$\frac{12.9}{20}$	$\frac{12.0}{15}$	$\frac{11.7}{4}$	11.9	$\frac{12.1}{7}$	$\frac{18.0}{10}$	$\frac{12.9}{14}$	$\frac{11.1}{18}$	$\frac{4.3}{31}$	$\frac{4.0}{33}$
-------------------	-------------------	-------------------	-------------------	-------------------	------------------	------	------------------	-------------------	-------------------	-------------------	------------------	------------------

$\frac{6.8}{33}$	$\frac{6.4}{36}$	$\frac{8.0}{27}$	$\frac{7.3}{19}$	$\frac{6.6}{13}$	$\frac{6.3}{5}$	6.4	$\frac{6.4}{7}$	$\frac{7.0}{9}$	$\frac{7.0}{13}$	$\frac{3.5}{25}$	$\frac{0.8}{29}$	$\frac{1.0}{33}$
------------------	------------------	------------------	------------------	------------------	-----------------	-----	-----------------	-----------------	------------------	------------------	------------------	------------------

$\frac{9.8}{33}$	$\frac{9.6}{31}$	$\frac{10.2}{29}$	$\frac{10.8}{24}$	$\frac{9.4}{15}$	$\frac{8.7}{4}$	8.9	$\frac{8.8}{6}$	$\frac{9.2}{10}$	$\frac{10.2}{15}$	$\frac{7.0}{26}$	$\frac{7.6}{33}$
------------------	------------------	-------------------	-------------------	------------------	-----------------	-----	-----------------	------------------	-------------------	------------------	------------------

$\frac{4.1}{33}$	$\frac{3.4}{27}$	$\frac{3.0}{16}$	$\frac{1.9}{13}$	$\frac{1.5}{4}$	1.6	$\frac{1.5}{7}$	$\frac{3.3}{12}$	$\frac{3.3}{20}$	$\frac{2.7}{23}$	$\frac{2.8}{33}$
------------------	------------------	------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------	------------------

$\frac{5.5}{33}$	$\frac{5.0}{28}$	$\frac{4.2}{17}$	$\frac{2.9}{12}$	$\frac{2.3}{4}$	2.4	$\frac{2.5}{5}$	$\frac{2.8}{15}$	$\frac{4.3}{20}$	$\frac{4.3}{33}$
------------------	------------------	------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{11.2}{33}$	$\frac{7.5}{25}$	$\frac{6.7}{22}$	$\frac{6.3}{17}$	$\frac{4.7}{12}$	$\frac{4.0}{4}$	4.2	$\frac{4.3}{4}$	$\frac{7.5}{11}$	$\frac{8.0}{19}$	$\frac{8.0}{33}$
-------------------	------------------	------------------	------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{7.5}{33}$	$\frac{7.5}{27}$	$\frac{8.2}{25}$	$\frac{7.9}{16}$	$\frac{5.5}{11}$	$\frac{5.1}{4}$	5.4	$\frac{6.0}{6}$	$\frac{9.0}{11}$	$\frac{9.7}{22}$	$\frac{9.2}{33}$
------------------	------------------	------------------	------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{7.0}{33}$	$\frac{7.5}{25}$	$\frac{7.5}{20}$	$\frac{7.9}{16}$	$\frac{6.6}{12}$	$\frac{6.0}{5}$	6.2	$\frac{6.7}{5}$	$\frac{9.8}{10}$	$\frac{10.6}{14}$	$\frac{10.5}{33}$
------------------	------------------	------------------	------------------	------------------	-----------------	-----	-----------------	------------------	-------------------	-------------------

$\frac{9.4}{33}$	$\frac{9.1}{24}$	$\frac{8.6}{18}$	$\frac{6.7}{12}$	$\frac{6.2}{5}$	6.3	$\frac{7.0}{5}$	$\frac{10.2}{10}$	$\frac{10.2}{15}$	$\frac{10.2}{33}$
------------------	------------------	------------------	------------------	-----------------	-----	-----------------	-------------------	-------------------	-------------------

$\frac{7.7}{33}$	$\frac{8.9}{29}$	$\frac{8.5}{19}$	$\frac{6.7}{14}$	$\frac{6.2}{5}$	6.3	$\frac{6.6}{5}$	$\frac{11.2}{13}$	$\frac{11.7}{19}$	$\frac{11.4}{33}$
------------------	------------------	------------------	------------------	-----------------	-----	-----------------	-------------------	-------------------	-------------------

$\frac{7.5}{33}$	$\frac{7.0}{28}$	$\frac{7.0}{13}$	$\frac{6.6}{10}$	6.3	$\frac{6.5}{7}$	$\frac{9.9}{11}$	$\frac{11.6}{18}$	$\frac{12.0}{26}$	$\frac{11.7}{33}$
------------------	------------------	------------------	------------------	-----	-----------------	------------------	-------------------	-------------------	-------------------

$\frac{6.44}{25}$	6.48	$\frac{6.55}{25}$
-------------------	------	-------------------

Sta. + H.I. ✓ — Elev.

909.86

+61 Top No. rail 903.40

+70 02.6

+90 900.5

14 899.5

T. P. 1.51 903.47 ✓ 7.90 901.96 ✓

+50 96.0

T. P. 2.70 896.17 ✓ 10.00 893.47 ✓

15 93.6

+50 91.6

16 90.6

+50 90.3

T. P. 8.72 899.14 ✓ 5.75 890.42 ✓

17 90.3

+50 90.3

18 91.4

+50 93.5

Left

E

Right

$$\frac{6.42}{25}$$

$$6.46 \quad \frac{6.50}{25}$$

$$\frac{9.0}{33} \quad \frac{10.1}{30} \quad \frac{9.7}{24} \quad \frac{7.7}{21} \quad \frac{7.2}{10} \quad 7.3 \quad \frac{2.5}{10} \quad \frac{7.1}{18} \quad \frac{7.2}{33}$$

$$\frac{11.7}{33} \quad \frac{12.0}{19} \quad \frac{10.0}{14} \quad \frac{9.5}{11} \quad 9.4 \quad \frac{9.2}{13} \quad \frac{8.3}{21} \quad \frac{8.2}{33}$$

$$\frac{13.0}{33} \quad \frac{13.6}{26} \quad \frac{13.2}{18} \quad \frac{11.2}{12} \quad \frac{10.4}{10} \quad 10.4 \quad \frac{10.1}{7} \quad \frac{11.2}{13} \quad \frac{13.0}{16} \quad \frac{13.1}{25} \quad \frac{11.2}{33}$$

$$\frac{9.5}{33} \quad \frac{11.5}{20} \quad \frac{10.4}{14} \quad \frac{8.1}{11} \quad 7.5 \quad \frac{7.5}{7} \quad \frac{8.4}{10} \quad \frac{11.5}{16} \quad \frac{11.8}{33}$$

$$\frac{4.2}{33} \quad \frac{5.5}{21} \quad \frac{5.6}{15} \quad \frac{3.4}{10} \quad 2.6 \quad \frac{2.9}{9} \quad \frac{7.0}{15} \quad \frac{6.4}{18} \quad \frac{6.4}{25} \quad \frac{6.0}{33}$$

$$\frac{7.6}{33} \quad \frac{8.2}{19} \quad \frac{7.6}{14} \quad \frac{5.1}{8} \quad 4.6 \quad \frac{4.8}{8} \quad \frac{8.3}{14} \quad \frac{8.7}{20} \quad \frac{7.8}{33}$$

$$\frac{10.0}{33} \quad \frac{10.2}{17} \quad \frac{9.5}{12} \quad \frac{5.9}{7} \quad 5.6 \quad \frac{5.9}{8} \quad \frac{9.0}{13} \quad \frac{9.2}{19} \quad \frac{9.1}{33}$$

$$\frac{11.1}{33} \quad \frac{10.7}{15} \quad \frac{9.6}{11} \quad \frac{6.3}{6} \quad 5.9 \quad \frac{5.9}{9} \quad \frac{9.0}{13} \quad \frac{8.9}{19} \quad \frac{8.9}{33}$$

Nail in Trac.

$$\frac{14.4}{33} \quad \frac{14.0}{16} \quad \frac{13.6}{12} \quad \frac{9.4}{6} \quad 8.8 \quad \frac{9.0}{9} \quad \frac{11.3}{13} \quad \frac{11.7}{22} \quad \frac{11.4}{33}$$

$$\frac{11.8}{33} \quad \frac{13.5}{17} \quad \frac{12.8}{12} \quad \frac{9.2}{7} \quad 8.8 \quad \frac{9.1}{9} \quad \frac{11.4}{14} \quad \frac{11.2}{21} \quad \frac{11.1}{33}$$

$$\frac{12.2}{33} \quad \frac{12.2}{17} \quad \frac{12.1}{12} \quad \frac{8.0}{7} \quad 7.7 \quad \frac{8.0}{11} \quad \frac{10.5}{15} \quad \frac{10.3}{23} \quad \frac{10.3}{33}$$

$$\frac{7.8}{33} \quad \frac{8.0}{20} \quad \frac{7.8}{13} \quad \frac{6.0}{10} \quad 5.6 \quad \frac{5.6}{13} \quad \frac{6.8}{18} \quad \frac{7.0}{23} \quad \frac{6.6}{25} \quad \frac{6.6}{33}$$

Sta.	+	HI.	-	Elev	
		899.14			
19					895.8
T.P.	6.96	903.60	2.50	896.64	
+50					97.6
20					98.9
+20					99.0
B.M.			8.81	894.79	
+50					98.4
21					96.1
+50					94.1
T.P.	6.74	900.74	9.60	894.00	
22					93.3
+50					92.4
23					92.9
+50					94.0
24					93.9
+50					94.1

Left

K

Right

$\frac{3.0}{33}$	$\frac{3.5}{17}$	$\frac{4.1}{12}$	$\frac{3.7}{9}$	33	$\frac{3.3}{13}$	$\frac{4.4}{17}$	$\frac{4.3}{20}$	$\frac{0.7}{26}$	$\frac{0.5}{33}$
------------------	------------------	------------------	-----------------	----	------------------	------------------	------------------	------------------	------------------

$\frac{6.5}{33}$	$\frac{6.0}{26}$	$\frac{6.5}{19}$	$\frac{7.2}{12}$	$\frac{6.4}{7}$	60	$\frac{6.0}{12}$	$\frac{7.0}{15}$	$\frac{7.0}{20}$	$\frac{3.3}{26}$	$\frac{3.7}{33}$
------------------	------------------	------------------	------------------	-----------------	----	------------------	------------------	------------------	------------------	------------------

$\frac{4.3}{33}$	$\frac{3.7}{27}$	$\frac{4.0}{18}$	$\frac{5.7}{14}$	$\frac{5.0}{9}$	4.7	$\frac{4.9}{11}$	$\frac{5.8}{14}$	$\frac{5.7}{19}$	$\frac{1.8}{27}$	$\frac{1.7}{33}$
------------------	------------------	------------------	------------------	-----------------	-----	------------------	------------------	------------------	------------------	------------------

$\frac{3.0}{33}$	$\frac{2.2}{25}$	$\frac{3.8}{18}$	$\frac{5.5}{15}$	$\frac{5.6}{11}$	$\frac{4.9}{7}$	4.6	$\frac{4.9}{11}$	$\frac{5.8}{15}$	$\frac{5.7}{19}$	$\frac{1.3}{28}$	$\frac{1.6}{33}$
------------------	------------------	------------------	------------------	------------------	-----------------	-----	------------------	------------------	------------------	------------------	------------------

Spike in 10" B.O. 9.5' at Sta 20+25

$\frac{5.5}{33}$	$\frac{5.2}{22}$	$\frac{5.7}{16}$	$\frac{6.7}{15}$	$\frac{6.7}{13}$	$\frac{6.0}{10}$	$\frac{5.7}{7}$	5.2	$\frac{5.4}{11}$	$\frac{6.4}{16}$	$\frac{6.4}{20}$	$\frac{3.6}{27}$	$\frac{3.8}{33}$
------------------	------------------	------------------	------------------	------------------	------------------	-----------------	-----	------------------	------------------	------------------	------------------	------------------

$\frac{10.8}{33}$	$\frac{9.2}{13}$	$\frac{7.7}{9}$	7.5	$\frac{7.8}{10}$	$\frac{8.5}{15}$	$\frac{6.8}{20}$	$\frac{7.3}{33}$
-------------------	------------------	-----------------	-----	------------------	------------------	------------------	------------------

$\frac{13.8}{33}$	$\frac{12.0}{13}$	$\frac{10.1}{9}$	9.5	$\frac{9.5}{11}$	$\frac{10.1}{13}$	$\frac{10.1}{18}$	$\frac{8.5}{33}$
-------------------	-------------------	------------------	-----	------------------	-------------------	-------------------	------------------

$\frac{12.5}{33}$	$\frac{10.7}{12}$	$\frac{8.0}{9}$	7.4	$\frac{7.5}{12}$	$\frac{8.3}{16}$	$\frac{7.6}{18}$	$\frac{7.5}{33}$
-------------------	-------------------	-----------------	-----	------------------	------------------	------------------	------------------

$\frac{10.0}{33}$	$\frac{9.6}{13}$	$\frac{7.6}{10}$	7.3	$\frac{7.8}{11}$	$\frac{8.6}{15}$	$\frac{8.2}{18}$	$\frac{7.6}{33}$
-------------------	------------------	------------------	-----	------------------	------------------	------------------	------------------

$\frac{10.5}{33}$	$\frac{8.5}{13}$	$\frac{7.2}{10}$	6.8	$\frac{7.1}{11}$	$\frac{8.1}{15}$	$\frac{7.1}{19}$	$\frac{5.8}{33}$
-------------------	------------------	------------------	-----	------------------	------------------	------------------	------------------

$\frac{10.5}{33}$	$\frac{9.0}{13}$	$\frac{6.7}{10}$	$\frac{7.0}{7}$	6.7	$\frac{6.8}{11}$	$\frac{7.3}{14}$	$\frac{4.6}{33}$
-------------------	------------------	------------------	-----------------	-----	------------------	------------------	------------------

$\frac{10.8}{33}$	$\frac{9.4}{13}$	$\frac{7.2}{9}$	6.8	$\frac{7.3}{10}$	$\frac{7.8}{15}$	$\frac{6.5}{33}$
-------------------	------------------	-----------------	-----	------------------	------------------	------------------

$\frac{10.3}{33}$	$\frac{7.0}{14}$	$\frac{7.2}{10}$	6.6	$\frac{6.7}{11}$	$\frac{7.3}{16}$	$\frac{6.6}{33}$
-------------------	------------------	------------------	-----	------------------	------------------	------------------

Sta.	+	H.I. ✓	-	L/cv.	
25		900.74			895.2
+50					95.2
26					94.7
T.P.	8.65	901.92 ✓	7.47	893.27 ✓	
+10	Top Slope	So.			94.9
+15	L. Ditch				94.9
+25					95.4
+363	L. Co. Rd. "B"				95.6
+51					95.6
+60	Ditch				95.3
+65	Top 1/2 Slope				95.4
27					95.7
+56					898.1
28					901.3
T.P.	12.27	913.36 ✓	0.83	901.09 ✓	

LEFT

L

RIGHT

$$\begin{array}{r} 8.3 \\ 33 \end{array} \quad \begin{array}{r} 7.6 \\ 14 \end{array} \quad \begin{array}{r} 6.7 \\ 12 \end{array} \quad \begin{array}{r} 5.8 \\ 8 \end{array} \quad 5.5 \quad \begin{array}{r} 6.1 \\ 11 \end{array} \quad \begin{array}{r} 6.8 \\ 14 \end{array} \quad \begin{array}{r} 6.1 \\ 33 \end{array}$$

$$\begin{array}{r} 7.7 \\ 33 \end{array} \quad \begin{array}{r} 7.7 \\ 14 \end{array} \quad \begin{array}{r} 5.8 \\ 10 \end{array} \quad 5.5 \quad \begin{array}{r} 5.7 \\ 11 \end{array} \quad \begin{array}{r} 6.7 \\ 16 \end{array} \quad \begin{array}{r} 6.0 \\ 33 \end{array}$$

$$\begin{array}{r} 8.4 \\ 33 \end{array} \quad \begin{array}{r} 8.4 \\ 22 \end{array} \quad \begin{array}{r} 8.0 \\ 16 \end{array} \quad \begin{array}{r} 6.3 \\ 10 \end{array} \quad 6.0 \quad \begin{array}{r} 6.0 \\ 11 \end{array} \quad \begin{array}{r} 5.6 \\ 17 \end{array} \quad \begin{array}{r} 5.8 \\ 20 \end{array} \quad \begin{array}{r} 5.8 \\ 33 \end{array}$$

$$\begin{array}{r} 1.00 \\ 33 \end{array} \quad \begin{array}{r} 8.5 \\ 16 \end{array} \quad \begin{array}{r} 7.5 \\ 10 \end{array} \quad 7.0 \quad \begin{array}{r} 7.0 \\ 13 \end{array} \quad \begin{array}{r} 7.0 \\ 33 \end{array}$$

$$\begin{array}{r} 10.0 \\ 15 \end{array} \quad \begin{array}{r} 10.0 \\ 33 \end{array} \quad \begin{array}{r} 9.6 \\ 17 \end{array} \quad \begin{array}{r} 6.6 \\ 15 \end{array} \quad \begin{array}{r} 7.6 \\ 11 \end{array} \quad 7.0 \quad \begin{array}{r} 7.0 \\ 14 \end{array} \quad \begin{array}{r} 9.1 \\ 16 \end{array} \quad \begin{array}{r} 8.1 \\ 33 \end{array} \quad \begin{array}{r} 9.05 \\ 15 \end{array}$$

$$\begin{array}{r} 7.0 \\ 33 \end{array} \quad \begin{array}{r} 7.0 \\ 16 \end{array} \quad 6.5 \quad \begin{array}{r} 6.1 \\ 16 \end{array} \quad \begin{array}{r} 5.5 \\ 33 \end{array}$$

$$\begin{array}{r} 7.0 \\ 50 \end{array} \quad \begin{array}{r} 6.6 \\ 25 \end{array} \quad 6.3 \quad \begin{array}{r} 5.6 \\ 25 \end{array} \quad \begin{array}{r} 4.8 \\ 50 \end{array}$$

$$\begin{array}{r} 6.5 \\ 33 \end{array} \quad \begin{array}{r} 6.5 \\ 16 \end{array} \quad 6.3 \quad \begin{array}{r} 6.0 \\ 16 \end{array} \quad \begin{array}{r} 5.5 \\ 33 \end{array}$$

$$\begin{array}{r} 7.3 \\ 33 \end{array} \quad \begin{array}{r} 9.2 \\ 17 \end{array} \quad \begin{array}{r} 7.0 \\ 16 \end{array} \quad 6.6 \quad \begin{array}{r} 6.6 \\ 13 \end{array} \quad \begin{array}{r} 8.5 \\ 13 \end{array} \quad \begin{array}{r} 7.5 \\ 33 \end{array}$$

$$\begin{array}{r} 8.1 \\ 33 \end{array} \quad \begin{array}{r} 7.3 \\ 18 \end{array} \quad \begin{array}{r} 7.0 \\ 14 \end{array} \quad 6.5 \quad \begin{array}{r} 6.5 \\ 9 \end{array} \quad \begin{array}{r} 6.5 \\ 21 \end{array} \quad \begin{array}{r} 6.5 \\ 33 \end{array}$$

$$\begin{array}{r} 7.4 \\ 33 \end{array} \quad \begin{array}{r} 7.2 \\ 16 \end{array} \quad \begin{array}{r} 6.2 \\ 11 \end{array} \quad 6.2 \quad \begin{array}{r} 6.4 \\ 6 \end{array} \quad \begin{array}{r} 6.8 \\ 8 \end{array} \quad \begin{array}{r} 6.4 \\ 16 \end{array} \quad \begin{array}{r} 6.0 \\ 33 \end{array}$$

$$\begin{array}{r} 3.2 \\ 33 \end{array} \quad \begin{array}{r} 4.3 \\ 20 \end{array} \quad \begin{array}{r} 4.3 \\ 15 \end{array} \quad \begin{array}{r} 3.9 \\ 11 \end{array} \quad 3.8 \quad \begin{array}{r} 3.8 \\ 5 \end{array} \quad \begin{array}{r} 4.6 \\ 10 \end{array} \quad \begin{array}{r} 5.2 \\ 13 \end{array} \quad \begin{array}{r} 4.6 \\ 20 \end{array} \quad \begin{array}{r} 4.8 \\ 33 \end{array}$$

$$\begin{array}{r} +0.8 \\ 33 \end{array} \quad \begin{array}{r} 1.4 \\ 17 \end{array} \quad \begin{array}{r} 0.8 \\ 12 \end{array} \quad 0.6 \quad \begin{array}{r} 1.3 \\ 8 \end{array} \quad \begin{array}{r} 2.3 \\ 12 \end{array} \quad \begin{array}{r} 1.8 \\ 17 \end{array} \quad \begin{array}{r} 2.1 \\ 33 \end{array}$$

Sta.		H.I.		Elev	
	+50	913.36			903.6
29					05.5
	+50				07.8
30					09.2
	+50				09.4
31					09.6
	+50				10.4
T.P.	6.01	917.49	1.88	911.48	
32					11.8
	+20				12.3
	+50				12.7
33					12.5
	+50				12.5
34					12.3

LEFT

K

RIGHT

$$\frac{9.7}{33} \quad \frac{11.2}{18} \quad \frac{9.9}{12} \quad 9.8 \quad \frac{9.9}{3} \quad \frac{12.1}{11} \quad \frac{12.4}{16} \quad \frac{12.1}{20} \quad \frac{12.1}{33}$$

$$\frac{8.8}{33} \quad \frac{9.9}{17} \quad \frac{8.1}{11} \quad 7.9 \quad \frac{8.1}{5} \quad \frac{9.9}{10} \quad \frac{10.6}{16} \quad \frac{10.1}{21} \quad \frac{10.3}{33}$$

$$\frac{6.4}{33} \quad \frac{6.6}{15} \quad \frac{5.8}{11} \quad 5.6 \quad \frac{5.1}{11} \quad \frac{5.8}{20} \quad \frac{5.6}{22} \quad \frac{5.8}{33}$$

$$\frac{5.8}{33} \quad \frac{5.3}{24} \quad \frac{5.2}{12} \quad \frac{4.4}{9} \quad 4.2 \quad \frac{4.6}{10} \quad \frac{5.8}{15} \quad \frac{5.8}{19} \quad \frac{6.8}{33}$$

$$\frac{6.4}{33} \quad \frac{6.5}{20} \quad \frac{6.4}{13} \quad \frac{4.5}{9} \quad 4.0 \quad \frac{4.2}{7} \quad \frac{5.0}{11} \quad \frac{5.3}{16} \quad \frac{4.6}{20} \quad \frac{4.1}{33}$$

$$\frac{6.2}{33} \quad \frac{5.8}{25} \quad \frac{6.3}{15} \quad \frac{4.3}{11} \quad 3.8 \quad \frac{4.0}{7} \quad \frac{5.2}{11} \quad \frac{5.6}{17} \quad \frac{5.2}{19} \quad \frac{4.9}{33}$$

$$\frac{3.5}{33} \quad \frac{3.3}{21} \quad \frac{3.8}{12} \quad \frac{3.1}{9} \quad 3.0 \quad \frac{3.2}{9} \quad \frac{4.2}{14} \quad \frac{4.1}{18} \quad \frac{4.5}{33}$$

$$\frac{4.4}{33} \quad \frac{4.1}{21} \quad \frac{5.6}{14} \quad \frac{6.2}{13} \quad \frac{6.2}{11} \quad \frac{5.9}{10} \quad 5.1 \quad \frac{6.0}{6} \quad \frac{6.6}{10} \quad \frac{6.1}{15} \quad \frac{5.6}{20} \quad \frac{6.2}{33}$$

$$\frac{3.6}{33} \quad \frac{3.4}{21} \quad \frac{5.8}{13} \quad \frac{5.2}{7} \quad 5.2 \quad \frac{5.5}{7} \quad \frac{5.7}{10} \quad \frac{5.3}{14} \quad \frac{4.7}{20} \quad \frac{5.0}{33}$$

$$\frac{4.0}{33} \quad \frac{3.5}{21} \quad \frac{5.5}{15} \quad \frac{4.9}{10} \quad 4.8 \quad \frac{5.0}{4} \quad \frac{5.5}{8} \quad \frac{4.8}{12} \quad \frac{4.0}{20} \quad \frac{4.2}{33}$$

$$\frac{4.9}{33} \quad \frac{5.0}{18} \quad \frac{5.8}{15} \quad \frac{5.0}{12} \quad 5.0 \quad \frac{5.2}{4} \quad \frac{4.8}{17} \quad \frac{4.6}{33}$$

$$\frac{5.3}{33} \quad \frac{5.9}{17} \quad \frac{5.1}{12} \quad 5.0 \quad \frac{5.2}{6} \quad \frac{6.8}{11} \quad \frac{6.4}{14} \quad \frac{6.1}{33}$$

$$\frac{6.4}{33} \quad \frac{6.8}{17} \quad \frac{5.4}{13} \quad \frac{5.0}{5} \quad 5.2 \quad \frac{5.6}{4} \quad \frac{7.4}{9} \quad \frac{7.8}{17} \quad \frac{7.1}{33}$$

Elev + HI - Elev.
917.49

+50 912.8

35 12.8

+50 12.6

36 11.9

T.P. 602. 918.08 5.43 912.06

+50 10.7

37 10.5

+50 10.4

38 11.1

+35 11.1

39 10.8

+31 L Side Rd. 10.9

+50 11.0

40 12.4

LEFT & Right

$\frac{4.2}{33}$ $\frac{5.5}{16}$ $\frac{4.9}{13}$ $\frac{4.6}{5}$ 4.1 $\frac{4.3}{3}$ $\frac{5.5}{8}$ $\frac{5.8}{18}$ $\frac{5.5}{33}$

$\frac{4.9}{33}$ $\frac{4.4}{19}$ $\frac{5.4}{15}$ $\frac{5.0}{13}$ $\frac{4.6}{5}$ 4.1 $\frac{4.9}{3}$ $\frac{5.2}{7}$ $\frac{4.1}{9}$ $\frac{3.0}{11}$ $\frac{1.7}{33}$

$\frac{3.8}{33}$ $\frac{4.4}{19}$ $\frac{5.7}{15}$ $\frac{5.1}{11}$ $\frac{4.7}{4}$ 4.9 $\frac{5.1}{3}$ $\frac{5.5}{7}$ $\frac{4.8}{9}$ $\frac{4.2}{17}$ $\frac{2.0}{33}$

$\frac{5.0}{33}$ $\frac{4.8}{23}$ $\frac{5.5}{18}$ $\frac{6.6}{16}$ $\frac{5.8}{11}$ $\frac{5.4}{5}$ 5.6 $\frac{5.8}{3}$ $\frac{6.4}{6}$ $\frac{6.0}{8}$ $\frac{6.4}{16}$ $\frac{5.8}{33}$

$\frac{9.6}{33}$ $\frac{10.0}{18}$ $\frac{9.1}{14}$ $\frac{7.5}{9}$ 7.4 $\frac{7.7}{4}$ $\frac{12.7}{9}$ $\frac{11.3}{33}$

$\frac{9.6}{33}$ $\frac{10.0}{23}$ $\frac{9.6}{15}$ $\frac{7.7}{10}$ 7.6 $\frac{8.0}{4}$ $\frac{10.6}{9}$ $\frac{12.3}{33}$

$\frac{7.0}{33}$ $\frac{7.7}{18}$ $\frac{8.8}{16}$ $\frac{7.8}{12}$ $\frac{7.5}{4}$ 7.7 $\frac{7.9}{4}$ $\frac{9.5}{9}$ $\frac{9.0}{11}$ $\frac{11.2}{33}$

$\frac{3.5}{33}$ $\frac{4.4}{19}$ $\frac{7.8}{15}$ $\frac{7.0}{11}$ $\frac{6.7}{5}$ 7.0 $\frac{7.4}{4}$ $\frac{8.1}{7}$ $\frac{8.7}{9}$ $\frac{7.1}{11}$ $\frac{9.5}{33}$

$\frac{1.3}{33}$ $\frac{3.0}{20}$ $\frac{8.0}{16}$ $\frac{7.1}{11}$ $\frac{6.7}{5}$ 7.0 $\frac{7.2}{3}$ $\frac{7.8}{6}$ $\frac{7.8}{9}$ $\frac{7.0}{10}$ $\frac{10.0}{33}$

$\frac{7.5}{33}$ $\frac{8.5}{25}$ $\frac{8.5}{19}$ $\frac{7.3}{14}$ $\frac{7.0}{6}$ 7.3 $\frac{7.8}{5}$ $\frac{10.0}{9}$ $\frac{13.6}{33}$

$\frac{6.0}{33}$ $\frac{6.5}{20}$ $\frac{7.0}{9}$ 7.2 $\frac{7.5}{2}$ $\frac{12.2}{9}$ $\frac{13.0}{15}$ $\frac{14.2}{33}$

$\frac{7.0}{33}$ $\frac{7.0}{25}$ $\frac{8.4}{23}$ $\frac{8.4}{19}$ $\frac{7.2}{16}$ $\frac{6.8}{7}$ 7.1 $\frac{7.2}{2}$ $\frac{12.3}{9}$ $\frac{13.1}{15}$ $\frac{14.3}{33}$

$\frac{5.0}{33}$ $\frac{5.5}{29}$ ~~$\frac{5.5}{18}$~~ $\frac{5.5}{8}$ 5.7 $\frac{6.3}{3}$ $\frac{10.4}{9}$ $\frac{11.0}{15}$ $\frac{12.1}{33}$

Sta + H.I. ✓ - Lev.
918.08

+10 912.8

+50 14.8

T.P. 11.21 925.62 3.67 914.41 ✓

41 17.6

B.M. 516 920.46 ✓

+35 19.4

+55 20.1

42 21.2

+50 22.3

T.P. 4.03 926.39 3.26 922.56 ✓

43 23.1

+50 23.6

44 23.3

+50 22.1

45 20.8

+50 20.0

Left & Right

$\frac{5.1}{33}$ $\frac{5.5}{29}$ $\frac{6.7}{25}$ $\frac{7.0}{19}$ $\frac{5.7}{17}$ $\frac{5.2}{7}$ 5.3 $\frac{5.8}{3}$ $\frac{10.0}{8}$ $\frac{10.6}{17}$ $\frac{11.8}{33}$

$\frac{3.1}{33}$ $\frac{3.8}{26}$ $\frac{5.3}{22}$ $\frac{5.5}{18}$ $\frac{3.5}{14}$ $\frac{3.2}{6}$ 3.3 $\frac{3.8}{2}$ $\frac{7.0}{6}$ $\frac{8.2}{14}$ $\frac{8.5}{33}$

$\frac{2.7}{33}$ $\frac{8.4}{24}$ $\frac{8.0}{17}$ $\frac{7.7}{6}$ 8.0 $\frac{8.6}{5}$ $\frac{10.8}{9}$ $\frac{11.8}{16}$ $\frac{13.2}{33}$

N.E. cor. Fr. House, water Table Sta 39+90 = 110' Lt.

$\frac{4.0}{33}$ $\frac{6.2}{19}$ $\frac{6.8}{18}$ $\frac{6.6}{14}$ $\frac{6.1}{8}$ 6.2 $\frac{6.4}{3}$ $\frac{7.0}{8}$ $\frac{6.7}{12}$ $\frac{4.8}{16}$ $\frac{6.2}{33}$

$\frac{3.7}{33}$ $\frac{5.4}{17}$ $\frac{6.2}{15}$ $\frac{5.8}{13}$ $\frac{5.4}{6}$ 5.5 $\frac{5.8}{4}$ $\frac{6.4}{7}$ $\frac{5.8}{9}$ $\frac{3.5}{15}$ $\frac{1.0}{24}$ $\frac{2.8}{33}$

$\frac{3.5}{33}$ $\frac{3.2}{30}$ $\frac{4.6}{17}$ $\frac{5.2}{16}$ $\frac{4.9}{13}$ $\frac{4.5}{7}$ 4.4 $\frac{4.5}{5}$ $\frac{5.0}{8}$ $\frac{4.0}{11}$ $\frac{2.2}{14}$ $\frac{0.8}{33}$

$\frac{3.7}{33}$ $\frac{3.0}{24}$ $\frac{3.0}{16}$ $\frac{4.0}{15}$ $\frac{3.6}{12}$ $\frac{3.2}{6}$ 3.3 $\frac{3.4}{6}$ $\frac{2.1}{9}$ $\frac{1.2}{12}$ $\frac{0.4}{33}$

$\frac{4.2}{33}$ $\frac{3.3}{17}$ $\frac{4.2}{16}$ $\frac{3.7}{13}$ $\frac{3.2}{6}$ 3.3 $\frac{3.4}{3}$ $\frac{3.8}{7}$ $\frac{3.2}{9}$ $\frac{2.3}{12}$ $\frac{1.5}{33}$

$\frac{4.0}{33}$ $\frac{4.0}{16}$ $\frac{3.2}{12}$ $\frac{2.7}{5}$ 2.8 $\frac{3.0}{3}$ $\frac{4.0}{6}$ $\frac{3.6}{11}$ $\frac{3.0}{13}$ $\frac{2.6}{33}$

$\frac{4.2}{33}$ $\frac{4.1}{16}$ $\frac{3.1}{12}$ $\frac{2.9}{5}$ 3.1 $\frac{3.1}{3}$ $\frac{3.6}{6}$ $\frac{2.9}{33}$

$\frac{5.0}{33}$ $\frac{4.8}{17}$ $\frac{5.2}{14}$ $\frac{4.3}{10}$ $\frac{4.2}{5}$ 4.3 $\frac{4.4}{2}$ $\frac{5.0}{7}$ $\frac{4.3}{10}$ $\frac{3.7}{33}$

$\frac{5.9}{33}$ $\frac{6.2}{17}$ $\frac{6.7}{15}$ $\frac{4.5}{10}$ 5.6 $\frac{5.8}{3}$ $\frac{6.3}{5}$ $\frac{6.5}{8}$ $\frac{5.4}{10}$ $\frac{4.6}{33}$

$\frac{7.3}{33}$ $\frac{7.2}{19}$ $\frac{7.7}{16}$ $\frac{6.3}{9}$ 6.4 $\frac{6.4}{3}$ $\frac{8.0}{8}$ $\frac{8.0}{33}$

✓
926.39

46

920.1

+50

20.1

47

20.3

+50

20.7

T.P.

✓
5.65 927.27 4.77 921.62 ✓

48

20.9

+50

21.3

49

21.5

+50

21.9

50

21.8

+50

22.1

51

22.9

+50

23.8

52

23.9

Left. £ Right

$\frac{6.8}{33}$ $\frac{6.8}{17}$ $\frac{7.4}{15}$ $\frac{6.3}{10}$ 6.3 $\frac{6.4}{3}$ $\frac{8.1}{9}$ $\frac{7.7}{12}$ $\frac{8.2}{27}$ $\frac{9.0}{33}$

$\frac{6.1}{33}$ $\frac{6.9}{16}$ $\frac{6.2}{11}$ 6.3 $\frac{6.4}{4}$ $\frac{9.2}{9}$ $\frac{10.5}{33}$

$\frac{5.1}{33}$ $\frac{6.2}{18}$ $\frac{6.6}{15}$ $\frac{6.1}{10}$ 6.1 $\frac{6.4}{4}$ $\frac{7.4}{8}$ $\frac{8.4}{13}$ $\frac{8.6}{33}$

$\frac{5.2}{33}$ $\frac{6.1}{17}$ $\frac{6.5}{13}$ $\frac{5.8}{9}$ 5.7 $\frac{6.0}{8}$ $\frac{6.7}{11}$ $\frac{6.3}{33}$

$\frac{4.8}{33}$ $\frac{6.5}{18}$ $\frac{7.1}{15}$ $\frac{6.3}{10}$ 6.4 $\frac{6.5}{4}$ $\frac{7.3}{8}$ $\frac{7.9}{10}$ $\frac{8.0}{33}$

$\frac{5.7}{33}$ $\frac{6.6}{18}$ $\frac{6.9}{14}$ $\frac{5.9}{9}$ 6.0 $\frac{6.1}{4}$ $\frac{7.0}{10}$ $\frac{7.5}{13}$ $\frac{6.8}{28}$ $\frac{7.5}{33}$

$\frac{5.5}{33}$ $\frac{6.3}{17}$ $\frac{6.8}{14}$ $\frac{5.7}{8}$ 5.8 $\frac{6.1}{5}$ $\frac{7.1}{10}$ $\frac{7.7}{12}$ $\frac{7.5}{33}$

$\frac{5.8}{33}$ $\frac{6.6}{17}$ $\frac{6.6}{14}$ $\frac{5.5}{8}$ 5.4 $\frac{5.4}{5}$ $\frac{6.5}{9}$ $\frac{6.8}{33}$

$\frac{6.4}{33}$ $\frac{6.7}{17}$ $\frac{6.8}{14}$ $\frac{5.6}{8}$ 5.5 $\frac{5.6}{5}$ $\frac{6.7}{10}$ $\frac{6.3}{33}$

$\frac{6.4}{33}$ $\frac{6.6}{13}$ $\frac{5.4}{9}$ 5.2 $\frac{5.2}{4}$ $\frac{5.8}{8}$ $\frac{5.4}{33}$

$\frac{5.3}{33}$ $\frac{5.4}{17}$ $\frac{5.6}{13}$ $\frac{4.6}{9}$ 4.4 $\frac{4.5}{5}$ $\frac{5.2}{10}$ $\frac{4.8}{33}$

$\frac{5.5}{33}$ $\frac{5.3}{13}$ $\frac{4.0}{9}$ 3.5 $\frac{3.9}{5}$ $\frac{4.2}{9}$ $\frac{4.0}{25}$ $\frac{3.1}{33}$

$\frac{4.6}{33}$ $\frac{4.7}{19}$ $\frac{4.5}{12}$ $\frac{4.0}{9}$ 3.4 $\frac{3.6}{4}$ $\frac{4.2}{8}$ $\frac{4.6}{26}$ $\frac{4.0}{33}$

927.27

+50

925.2

+67 Mont ~~£~~ Side Road. 25.5

B.M. 6.09 931.17 2.21 925.06 925.08

53 25.8

+50

26.1

54 25.8

+50

26.0

55 26.4

+50

26.8

56 27.3

+50

26.9

T.P. 3.96 930.37 4.76 926.41

57 26.3

+50

26.5

58 26.2

Left £ Right

$\frac{1.7}{33}$ $\frac{2.6}{17}$ $\frac{3.0}{13}$ $\frac{2.3}{10}$ 2.1 $\frac{2.2}{5}$ $\frac{2.4}{10}$ $\frac{2.8}{24}$ $\frac{2.0}{33}$

$\frac{1.6}{33}$ $\frac{2.0}{16}$ $\frac{2.7}{14}$ $\frac{2.1}{11}$ 1.8 $\frac{2.0}{15}$ $\frac{2.0}{33}$

$\frac{5.2}{23}$ $\frac{5.3}{18}$ $\frac{6.1}{16}$ $\frac{5.5}{12}$ $\frac{5.3}{4}$ 5.4 $\frac{5.7}{5}$ $\frac{6.4}{11}$ $\frac{5.5}{14}$ $\frac{5.1}{33}$

$\frac{5.2}{33}$ $\frac{5.1}{22}$ $\frac{5.4}{20}$ $\frac{5.5}{16}$ $\frac{5.1}{13}$ $\frac{4.9}{5}$ 5.1 $\frac{5.2}{4}$ $\frac{6.1}{11}$ $\frac{5.4}{13}$ $\frac{5.2}{33}$

$\frac{6.7}{33}$ $\frac{6.4}{17}$ $\frac{5.5}{12}$ $\frac{5.2}{5}$ 5.4 $\frac{5.7}{5}$ $\frac{6.4}{8}$ $\frac{6.7}{13}$ $\frac{6.3}{33}$

$\frac{8.2}{33}$ $\frac{8.0}{18}$ $\frac{6.0}{15}$ $\frac{5.3}{5}$ 5.2 $\frac{5.4}{3}$ $\frac{6.0}{7}$ $\frac{7.5}{10}$ $\frac{6.7}{33}$

$\frac{7.6}{33}$ $\frac{7.5}{24}$ $\frac{6.9}{19}$ $\frac{5.5}{16}$ $\frac{5.1}{13}$ $\frac{4.7}{6}$ 4.8 $\frac{5.4}{5}$ $\frac{6.7}{11}$ $\frac{6.6}{21}$ $\frac{6.1}{33}$

$\frac{4.8}{33}$ $\frac{4.8}{22}$ $\frac{5.1}{19}$ $\frac{4.4}{13}$ $\frac{4.2}{6}$ 4.4 $\frac{4.6}{3}$ $\frac{5.4}{8}$ $\frac{4.4}{9}$ $\frac{3.0}{22}$ $\frac{3.0}{33}$

$\frac{4.1}{33}$ $\frac{4.0}{21}$ $\frac{4.3}{17}$ $\frac{4.0}{14}$ $\frac{3.8}{5}$ 3.9 $\frac{4.0}{3}$ $\frac{4.7}{9}$ $\frac{2.8}{10}$ $\frac{1.5}{21}$ $\frac{0.9}{33}$

$\frac{4.9}{33}$ $\frac{4.4}{20}$ $\frac{4.8}{16}$ $\frac{4.4}{13}$ $\frac{4.1}{6}$ 4.3 $\frac{4.4}{4}$ $\frac{5.2}{8}$ $\frac{3.2}{11}$ $\frac{2.1}{14}$ $\frac{2.1}{33}$

$\frac{4.8}{33}$ $\frac{4.4}{22}$ $\frac{4.9}{18}$ $\frac{4.3}{14}$ $\frac{3.9}{6}$ 4.1 $\frac{4.3}{4}$ $\frac{5.0}{9}$ $\frac{3.5}{11}$ $\frac{3.7}{21}$ $\frac{2.8}{33}$

$\frac{6.4}{33}$ $\frac{6.0}{25}$ $\frac{5.6}{17}$ $\frac{4.2}{13}$ $\frac{3.8}{5}$ 3.9 $\frac{4.3}{6}$ $\frac{5.3}{9}$ $\frac{5.0}{14}$ $\frac{4.8}{22}$ $\frac{4.6}{33}$

$\frac{6.8}{33}$ $\frac{6.0}{19}$ $\frac{4.6}{16}$ $\frac{4.3}{5}$ 4.2 $\frac{4.8}{4}$ $\frac{5.3}{8}$ $\frac{5.3}{14}$ $\frac{4.4}{33}$

930.37

+50

925.6

59

24.2

+50

23.3

60

22.0

+08

21.8

+50

20.0

T. P.

4.70

924.21

10.86

919.51

B. M.

1.22

922.99

922.99

61

18.0

+50

16.6

62

16.2

+50

14.5

63

14.1

+50

14.0

64

14.2

Left

2

Right

$$\frac{5.6}{33} \quad \frac{5.5}{27} \quad \frac{5.6}{17} \quad \frac{5.1}{13} \quad \frac{4.7}{6} \quad 4.8 \quad \frac{5.2}{10} \quad \frac{4.0}{11} \quad \frac{3.8}{18} \quad \frac{3.0}{33}$$

$$\frac{7.5}{33} \quad \frac{7.1}{25} \quad \frac{7.0}{16} \quad \frac{6.5}{13} \quad \frac{6.1}{5} \quad 6.2 \quad \frac{6.2}{4} \quad \frac{7.1}{8} \quad \frac{5.9}{10} \quad \frac{5.8}{16} \quad \frac{5.0}{19} \quad 4.3$$

$$\frac{8.7}{33} \quad \frac{8.1}{16} \quad \frac{7.2}{12} \quad \frac{7.0}{5} \quad 7.1 \quad \frac{7.2}{5} \quad \frac{8.2}{9} \quad \frac{7.2}{10} \quad \frac{7.2}{16} \quad \frac{6.9}{33}$$

$$\frac{9.5}{33} \quad \frac{8.8}{17} \quad \frac{8.3}{16} \quad \frac{8.2}{5} \quad 8.4 \quad \frac{8.5}{5} \quad \frac{9.0}{8} \quad \frac{6.9}{10} \quad \frac{5.5}{33}$$

$$\frac{10.9}{33} \quad \frac{10.5}{21} \quad \frac{8.8}{16} \quad \frac{8.5}{5} \quad 8.6 \quad \frac{8.7}{4} \quad \frac{9.4}{8} \quad \frac{6.6}{10} \quad \frac{6.1}{22} \quad \frac{5.6}{33}$$

$$\frac{11.2}{33} \quad \frac{11.5}{20} \quad \frac{10.6}{19} \quad \frac{10.2}{6} \quad 10.4 \quad \frac{10.5}{6} \quad \frac{11.3}{7} \quad \frac{8.3}{10} \quad \frac{7.4}{26} \quad \frac{7.3}{33}$$

$$\frac{7.6}{33} \quad \frac{6.8}{21} \quad \frac{6.2}{16} \quad \frac{5.9}{6} \quad 6.2 \quad \frac{6.3}{3} \quad \frac{7.3}{7} \quad \frac{5.4}{9} \quad \frac{4.0}{31} \quad \frac{2.8}{33}$$

$$\frac{9.3}{33} \quad \frac{8.8}{21} \quad \frac{7.7}{14} \quad \frac{7.4}{5} \quad 7.6 \quad \frac{8.0}{8} \quad \frac{7.2}{9} \quad \frac{6.8}{19} \quad \frac{5.8}{33}$$

$$\frac{10.6}{33} \quad \frac{10.2}{25} \quad \frac{9.2}{13} \quad \frac{8.8}{5} \quad 8.0 \quad \frac{9.4}{8} \quad \frac{9.0}{10} \quad \frac{7.7}{33}$$

$$\frac{11.1}{33} \quad \frac{10.9}{17} \quad \frac{10.4}{13} \quad \frac{9.6}{4} \quad 9.7 \quad \frac{10.0}{8} \quad \frac{10.5}{9} \quad \frac{9.8}{21} \quad \frac{9.2}{33}$$

$$\frac{10.5}{33} \quad \frac{10.5}{19} \quad \frac{10.0}{14} \quad \frac{10.2}{11} \quad \frac{10.0}{4} \quad 10.1 \quad \frac{10.6}{7} \quad \frac{11.1}{11} \quad \frac{10.7}{12} \quad \frac{10.7}{22} \quad \frac{10.2}{33}$$

$$\frac{10.3}{33} \quad \frac{10.2}{25} \quad \frac{11.0}{16} \quad \frac{10.6}{14} \quad \frac{10.1}{11} \quad 10.2 \quad \frac{10.3}{6} \quad \frac{11.3}{9} \quad \frac{11.1}{13} \quad \frac{11.3}{33}$$

$$\frac{9.0}{33} \quad \frac{9.8}{15} \quad \frac{10.5}{14} \quad \frac{10.3}{11} \quad \frac{9.9}{4} \quad 10.0 \quad \frac{10.4}{7} \quad \frac{11.4}{12} \quad \frac{11.3}{21} \quad \frac{11.5}{33}$$

		924.21 ✓			
	8.12	922.42 ✓	9.91	914.30 ✓	
+50					915.0
65					15.9
+50					16.8
66					17.4
+50					17.6
67					17.2
+50					17.2
68					17.0
+50					17.5
69					19.0
T. P.	9.18	929.20 ✓	2.46	920.02 ✓	
B. M.			2.77	926.43 ✓	926.40 ✓
+50					21.2
70					22.7

Left

2

Right

$$\frac{5.6}{33} \frac{6.5}{23} \frac{6.9}{14} \frac{7.0}{13} \frac{7.5}{8} \frac{7.4}{3} 7.4 \frac{8.1}{8} \frac{9.6}{11} \frac{9.4}{14} \frac{9.8}{17} \frac{10.2}{33}$$

$$\frac{4.3}{33} \frac{5.3}{24} \frac{5.9}{14} \frac{7.2}{12} \frac{6.8}{10} \frac{6.4}{3} 6.5 \frac{7.0}{8} \frac{8.4}{12} \frac{9.3}{20} \frac{9.8}{33}$$

$$\frac{3.0}{33} \frac{4.1}{22} \frac{4.4}{10} \frac{6.4}{12} \frac{5.5}{3} 5.6 \frac{6.1}{7} \frac{7.6}{12} \frac{7.8}{15} \frac{7.4}{17} \frac{9.0}{33}$$

$$\frac{3.6}{33} \frac{4.7}{14} \frac{5.3}{11} \frac{4.9}{3} 5.0 \frac{5.7}{9} \frac{6.3}{16} \frac{8.0}{33}$$

$$\frac{3.8}{33} \frac{4.3}{22} \frac{5.1}{13} \frac{5.4}{10} \frac{4.7}{3} 4.8 \frac{5.2}{5} \frac{5.7}{8} \frac{6.6}{11} \frac{6.6}{18} \frac{7.8}{22} \frac{8.1}{33}$$

$$\frac{4.8}{33} \frac{5.4}{17} \frac{6.0}{13} \frac{5.6}{10} \frac{5.2}{4} 5.2 \frac{5.7}{6} \frac{7.0}{11} \frac{7.4}{19} \frac{8.8}{23} \frac{9.7}{33}$$

$$\frac{6.1}{33} \frac{6.5}{12} \frac{5.9}{10} \frac{5.2}{2} 5.2 \frac{5.7}{8} \frac{6.0}{10} \frac{6.9}{12} \frac{6.2}{15} \frac{7.0}{22} \frac{8.4}{33}$$

$$\frac{5.9}{33} \frac{6.2}{14} \frac{6.5}{10} \frac{5.8}{8} 5.4 \frac{5.8}{10} \frac{6.7}{14} \frac{7.3}{23} \frac{8.1}{26} \frac{8.9}{33}$$

$$\frac{2.8}{33} \frac{5.3}{14} \frac{5.6}{10} \frac{5.2}{8} 4.9 \frac{5.3}{10} \frac{7.2}{14} \frac{7.9}{23} \frac{9.0}{33}$$

$$\frac{0.6}{33} \frac{3.5}{12} \frac{3.7}{6} 3.4 \frac{3.8}{10} \frac{5.3}{14} \frac{6.1}{25} \frac{6.9}{27} \frac{7.5}{33}$$

$$\frac{5.0}{33} \frac{7.4}{15} \frac{8.3}{6} 8.0 \frac{8.5}{9} \frac{9.0}{12} \frac{9.5}{26} \frac{11.3}{30} \frac{11.7}{33}$$

$$\frac{4.3}{33} \frac{5.0}{15} \frac{7.4}{12} \frac{6.9}{7} 6.5 \frac{6.9}{10} \frac{7.2}{13} \frac{7.0}{18} \frac{9.6}{33}$$

✓
929.20

+50

922.4

71

21.1

+50

19.6

72

18.6

+50

18.1

T. P.

3.14

✓
921.20

11.14

✓
918.06

73

17.5

+50

16.8

74

16.5

+50

16.3

75

15.2

+50

14.6

7.20

✓
714.00

✓
913.96

76

14.4

+50

15.4

Left

2

Right.

$\frac{4.9}{33}$	$\frac{5.3}{24}$	$\frac{6.1}{16}$	$\frac{7.8}{14}$	$\frac{8.0}{10}$	$\frac{7.4}{7}$	6.8	$\frac{6.8}{7}$	$\frac{7.3}{14}$	$\frac{8.5}{33}$
------------------	------------------	------------------	------------------	------------------	-----------------	-----	-----------------	------------------	------------------

$\frac{7.5}{33}$	$\frac{8.2}{14}$	$\frac{9.1}{13}$	$\frac{8.5}{7}$	8.1	$\frac{8.4}{9}$	$\frac{9.3}{14}$	$\frac{10.5}{33}$
------------------	------------------	------------------	-----------------	-----	-----------------	------------------	-------------------

$\frac{9.7}{33}$	$\frac{10.1}{22}$	$\frac{10.2}{14}$	$\frac{10.6}{13}$	$\frac{9.9}{8}$	9.6	$\frac{10.0}{9}$	$\frac{10.8}{14}$	$\frac{10.2}{16}$	$\frac{11.1}{33}$
------------------	-------------------	-------------------	-------------------	-----------------	-----	------------------	-------------------	-------------------	-------------------

$\frac{10.8}{33}$	$\frac{11.3}{21}$	$\frac{11.1}{14}$	$\frac{11.6}{13}$	$\frac{11.0}{9}$	10.6	$\frac{10.9}{9}$	$\frac{11.3}{14}$	$\frac{10.6}{16}$	$\frac{11.1}{33}$
-------------------	-------------------	-------------------	-------------------	------------------	------	------------------	-------------------	-------------------	-------------------

$\frac{11.1}{33}$	$\frac{11.7}{20}$	$\frac{12.0}{12}$	$\frac{11.5}{7}$	11.1	$\frac{11.3}{9}$	$\frac{12.2}{14}$	$\frac{11.6}{17}$	$\frac{11.6}{33}$
-------------------	-------------------	-------------------	------------------	------	------------------	-------------------	-------------------	-------------------

$\frac{4.8}{33}$	$\frac{5.2}{24}$	$\frac{4.9}{13}$	$\frac{3.9}{4}$	3.7	$\frac{3.6}{9}$	$\frac{4.0}{13}$	$\frac{3.8}{19}$	$\frac{3.8}{33}$
------------------	------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{7.3}{33}$	$\frac{6.4}{17}$	$\frac{5.0}{9}$	4.4	$\frac{4.9}{9}$	$\frac{5.4}{12}$	$\frac{5.0}{16}$	$\frac{4.7}{33}$
------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{7.9}{33}$	$\frac{7.4}{22}$	$\frac{6.1}{12}$	$\frac{5.2}{8}$	4.7	$\frac{5.0}{7}$	$\frac{5.6}{11}$	$\frac{5.3}{14}$	$\frac{5.1}{33}$
------------------	------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{8.1}{33}$	$\frac{6.5}{14}$	$\frac{5.5}{9}$	4.9	$\frac{5.0}{7}$	$\frac{5.1}{13}$	$\frac{5.0}{24}$	$\frac{5.7}{33}$
------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{9.4}{33}$	$\frac{8.5}{26}$	$\frac{7.7}{15}$	$\frac{6.4}{10}$	6.0	$\frac{6.4}{8}$	$\frac{6.8}{10}$	$\frac{7.1}{17}$	$\frac{8.2}{33}$
------------------	------------------	------------------	------------------	-----	-----------------	------------------	------------------	------------------

$\frac{10.4}{33}$	$\frac{9.1}{15}$	$\frac{7.1}{9}$	6.6	$\frac{7.1}{8}$	$\frac{7.6}{14}$	$\frac{8.8}{18}$	$\frac{9.5}{24}$	$\frac{9.5}{33}$
-------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------	------------------

$\frac{10.0}{33}$	$\frac{9.3}{16}$	$\frac{7.1}{8}$	6.8	$\frac{7.0}{7}$	$\frac{7.7}{11}$	$\frac{7.2}{16}$	$\frac{6.3}{33}$
-------------------	------------------	-----------------	-----	-----------------	------------------	------------------	------------------

$\frac{8.4}{33}$	$\frac{7.3}{12}$	$\frac{6.3}{8}$	5.8	$\frac{6.3}{10}$	$\frac{5.1}{15}$	$\frac{4.1}{33}$
------------------	------------------	-----------------	-----	------------------	------------------	------------------

✓
921.20

77 916.6

+50

✓ 918.6

T. P. 8.15 927.07 2.28 918.92

78 20.5

+50 22.0

+63 22.0

+68 21.9

+84 21.7

B.M. 3.98 923.09 923.07

Left

E

Right

$$\frac{5.9}{33} \quad \frac{5.5}{12} \quad \frac{5.0}{2} \quad 4.6 \quad \frac{5.0}{7} \quad \frac{5.7}{11} \quad \frac{5.4}{14} \quad \frac{6.2}{33}$$

$$\frac{2.4}{33} \quad \frac{2.9}{21} \quad \frac{3.5}{14} \quad \frac{3.0}{8} \quad 2.6 \quad \frac{2.3}{11} \quad \frac{4.9}{15} \quad \frac{5.8}{21} \quad \frac{6.8}{33}$$

$$\frac{4.0}{33} \quad \frac{4.2}{25} \quad \frac{4.9}{18} \quad \frac{7.1}{11} \quad \frac{6.7}{6} \quad 6.6 \quad \frac{7.3}{11} \quad \frac{7.0}{16} \quad \frac{8.5}{33}$$

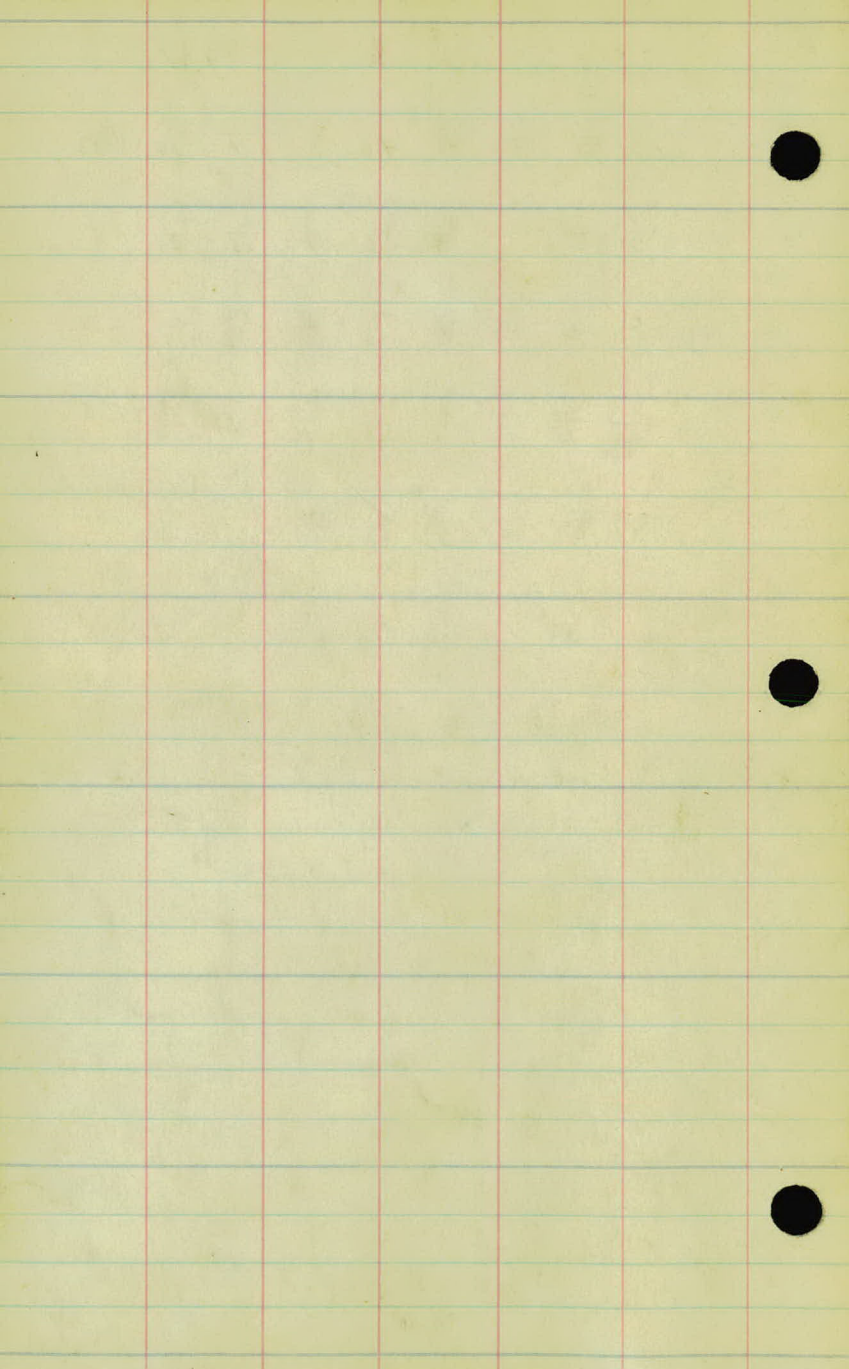
$$\frac{1.9}{33} \quad \frac{2.9}{21} \quad \frac{4.4}{15} \quad \frac{5.5}{14} \quad \frac{4.9}{9} \quad 5.1 \quad \frac{5.4}{11} \quad \frac{5.3}{19} \quad \frac{5.6}{33}$$

$$\frac{2.2}{33} \quad \frac{3.4}{20} \quad \frac{5.4}{17} \quad \frac{5.2}{7} \quad 5.1 \quad \frac{5.6}{10} \quad \frac{5.4}{19} \quad \frac{6.0}{33}$$

$$\frac{5.2}{33} \quad \frac{5.5}{24} \quad \frac{5.3}{17} \quad 5.2 \quad \frac{6.0}{15} \quad \frac{6.6}{17} \quad \frac{7.0}{33}$$

$$\frac{4.6}{50} \quad \frac{5.0}{25} \quad 5.4 \quad \frac{6.0}{25} \quad \frac{6.5}{50}$$

spike in 18" Oak 45' Lt Sta. 0+91 - 29-N.E



- 0+23 - Culv. O.K. Clean out att. take ditch on E. end ✓
4+00 L^t - No culv. req. ✓
4+00 R^t " " " ✓
3+50 to 4+50 L^t Cl. & Gr. 3 T. ✓
7+00 - L^t - No culv. req. ✓
8+50 to 9+00 - R^t Cl. & Gr. 1 T. ✓
17+00 - P-24" P₃ 48' ✓
16+50 to 17+00 R^t Cl. 1 T. ✓
18+50 L^t - P-15" X 20' C.M. ✓
18+50 R^t " " ✓
20+00 to 20+50 L^t - Cl. & Gr. 2 T. ✓
26+13 - O.K. ✓
26+61 - O.K. ✓
29+57 - R^t - P-15" X 20' C.M. ✓
29+80 - L^t - " " ✓
32+95 - R^t No culv. req. ✓
32+85 - L^t " " " ✓
36+00 - L^t P-15" X 20' C.M. ✓
37+00 - P-24" P₃ 42' ✓
36+00 to 37+00 - Cl. 1 T. R^t ✓
39+31 - L^t Remove - P-15" X 36' C.M. ✓
39+00 to 37+00 - Ditch on L^t ✓
40+00 L^t - P-15" X 20' C.M. ✓
40+00 to 41+00 R^t Cl. 2 T. ✓

- 41+10 - Lt. - P-15" X 20' C.M. ✓
- 41+00 to 41+50 - Rt. Cl. 1T. Gr. 3T. ✓
- 42+22 - Rt. - P-15" X 20' C.M. ✓
- 42+50 to 43+50 - Rt. Cl. + Gr. 11T. ✓
- ~~Check X sec. at 42+50 on Rt.~~ ✓
- 45+00 Lt. No culv. req. ✓
- 45+00 Rt. " " " ✓
- 52+67 - Rt. - ~~Rep.~~ 12" X 27' C.M. from 39+31 ✓
- 52+75 - Lt. - P-15" X 20' C.M. ✓
- 56+00 to 57+00 - Rt. Gr. 5T. ✓
- 58+33 - Rt. - Remove + replace. ✓
- 58+50 to 61+00 - Rt. Cl. 2T. Gr. 12' wide. 0.07 Acres ✓
- 60+00 Lt. Remove + replace. ✓
- 61+43 - Rt. " " ✓
- 62+46 - Rt. " " ✓
- 62+94 - Lt. " " ✓
- 63+93 - Rt. Remove - P-15" X 20' C.M. ✓
- 62+30 to 63+50 - Rt. Gr - 6' wide. 0.05 Acres ✓
- 63+50 - P-18" C.M. 32' ✓
- 65+82 - Rt. - No culv. req. ✓
- 66+00 to 67+00 - Rt. Cl. 3T. ✓
- 69+00 to 70+00 - Rt. Cl. 1T. Gr. 10T. ✓
- 69+58 - Lt. No culv. req. ✓
- 70+00 - Rt. " " " ✓
- 74+00 - Lt. " " " ✓
- 75+50 - Rt. " " " ✓
- 76+69 - Remove - No culv. req. ✓