

Dr. 8 - 3k. 1

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

MAINT. PLAN Survey

OWASSO BLVD. SO.

From Western Ave. to Rice St.

Road Acc't. No. 49

Date Filed 1934

File _____

So. Onwasso Blvd.
0+00 To 22+65 1/2" Rte St.

886.12

Maintenance
So. Onwasso Blvd

22+65³³ E Rice St.

18+01⁵³ P.O.T.

0+00

38.3 248" Pop Stump

X in pare.

40.33

15" Dbl. B.E.

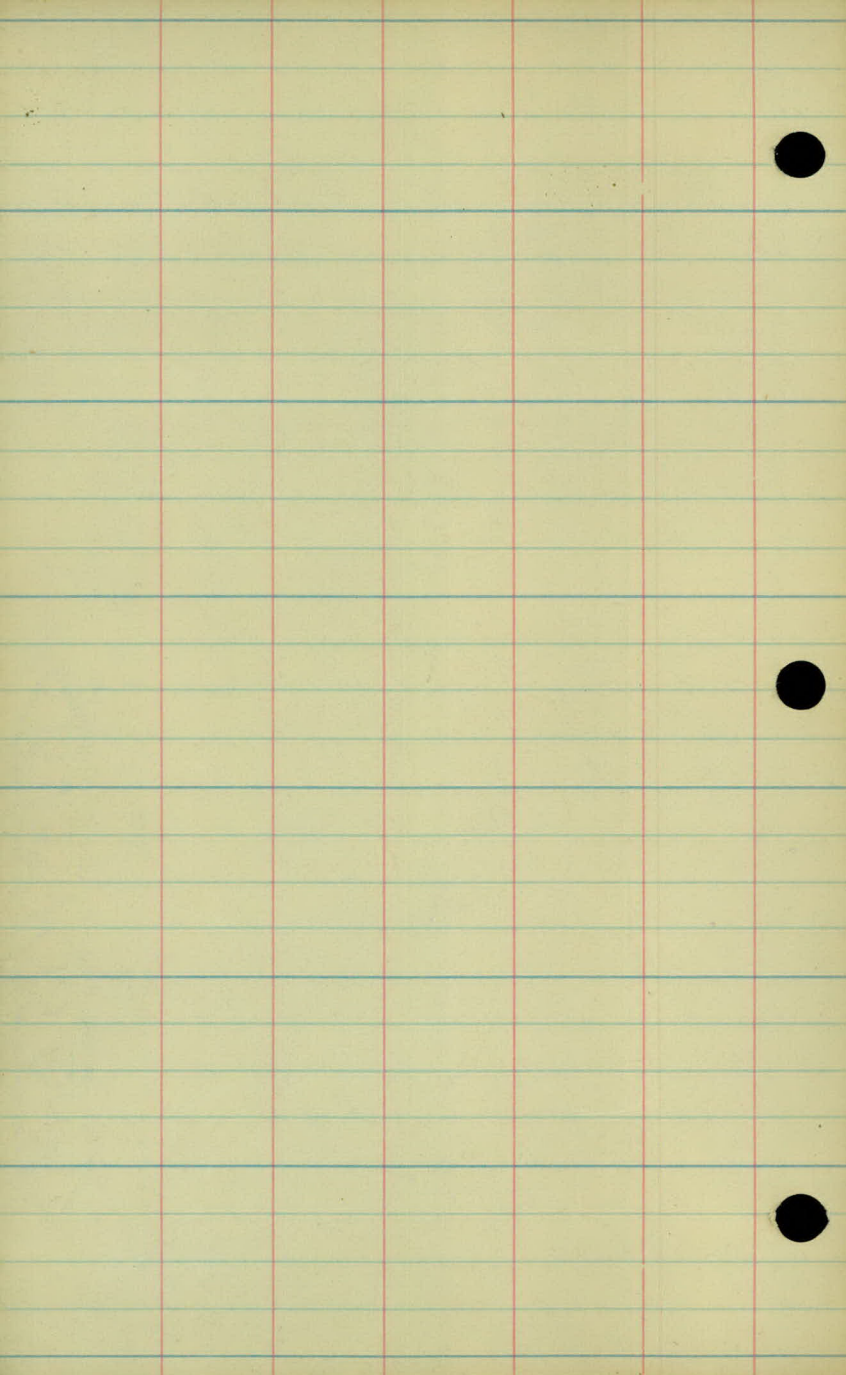
P.F.
42.42

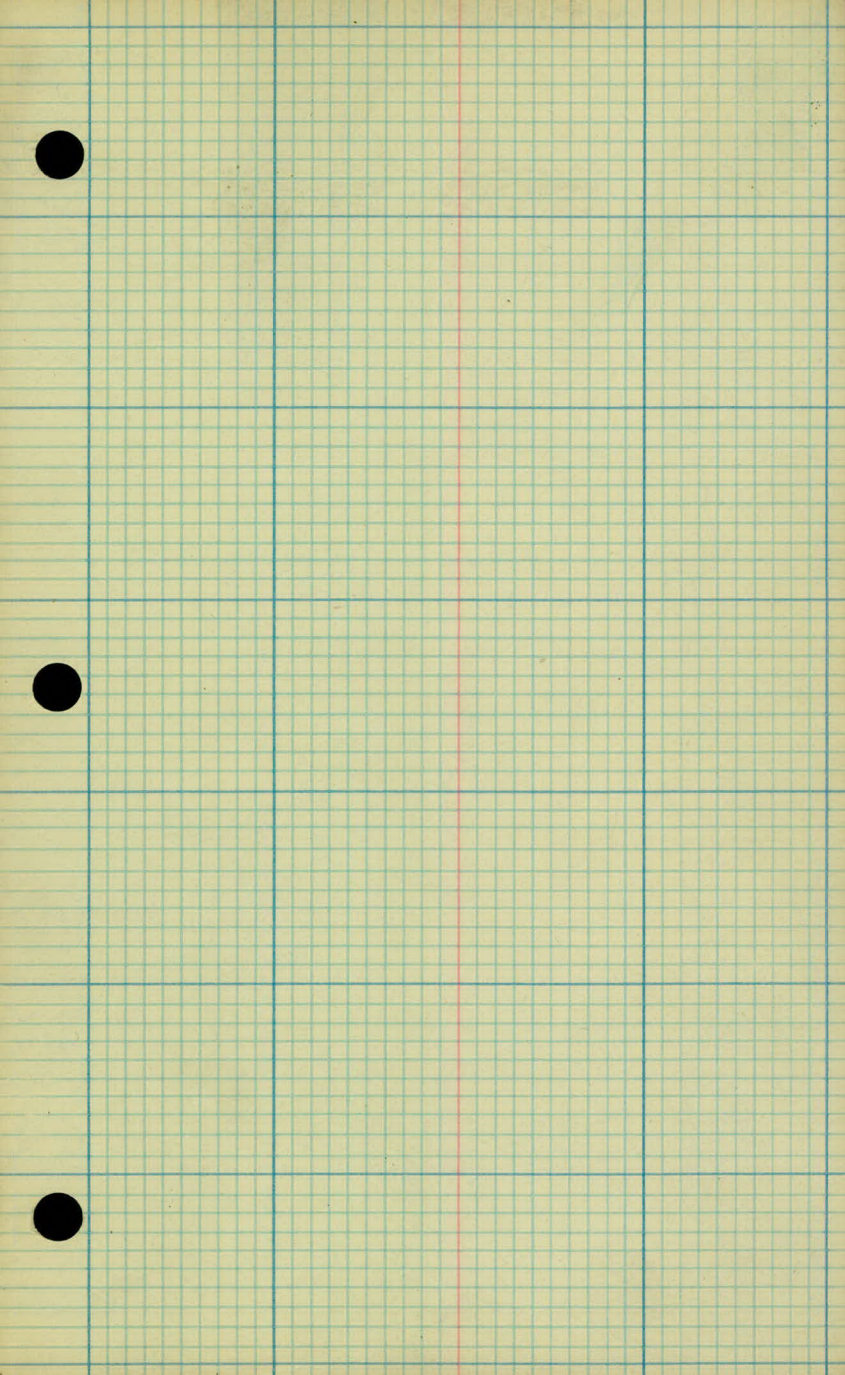
T.F.
33.07
504

T.F.
43.85

spK.

34868
18" W.D.





5

4

3

2

11.61

1

0 + 00

+85 R.R. 19'

+26 Rd Sq 17'

+66 R.R. 20'

+98 Rd. Sq. 17'

+44 R.R. 20'

+34 R. Dr.
15" x 20' C.M. 13'

+45 R.R. 21'

+60 End Rod. 7'

+39 R.R. 21'

Low Boggy Land.

+75

yard

Cult

+25

lay

Low Boggy Land

+57 T.P. 18'

+05 T.P. 19'

+53 +53 Bog Ditch 35'

+52 T.P. 20'

Cult.

+18-6" Elm 32'
+08 R.R. Dr. 25'
15" x 24' C.M.

11

10

9

8

7

6

Woods

+50



Corr.



+50

+73 T.P. 17

F33'

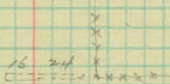
+88 R.P. 17'

+3' T.P. 18'

F33'

+92

+67 R.P. 17'



+53 F. Cor 33'
+52 X D.F.
18" X 40' C.P.

+93 T.P. 18'

+47 R.P. 17'

Low Boggy land.

Low Boggy land.

+25 R.P. 16'

+50 T.P. 17'

+06 R.P. 18'

+03 T.P. 17'

17'

16

15

14

13

12

+02 RR 17

F33'

Woods

Cult.

+60 T.P. 15'

F33'

+78 RR 17

F33'

+74 T.P. 16

+52 RR 17'

+00 Fint 32'

+28 RR 17

Woods

Cult.

+04 T.P. 16'

F34'

+14 RR 16'

22

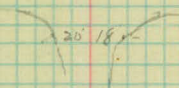
21

20

19

18

+47 P.P. 40'
+47 Iron Sq 38'



+33 F.P. 33'
+31 Pol. 15' BF 22'
+22 Rd. Sq. 15'

+92 P.P. 18'

+95 T.P. 15'

F33'

+70 P.P. 18'

+15 T.P. 15'
+11 Rd. Sq. 16'
F33

+49 P.P. 17'

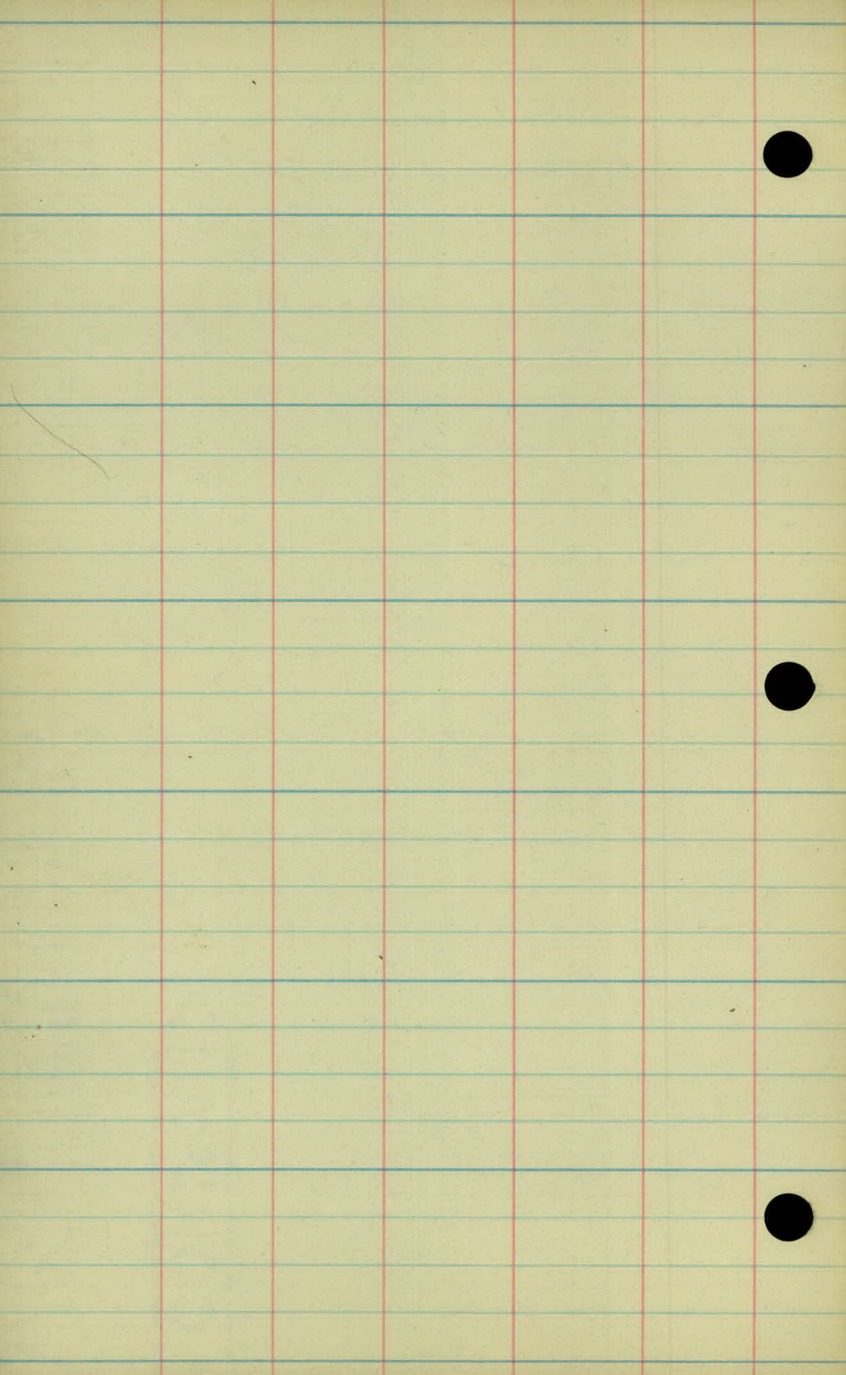
Oak Woods

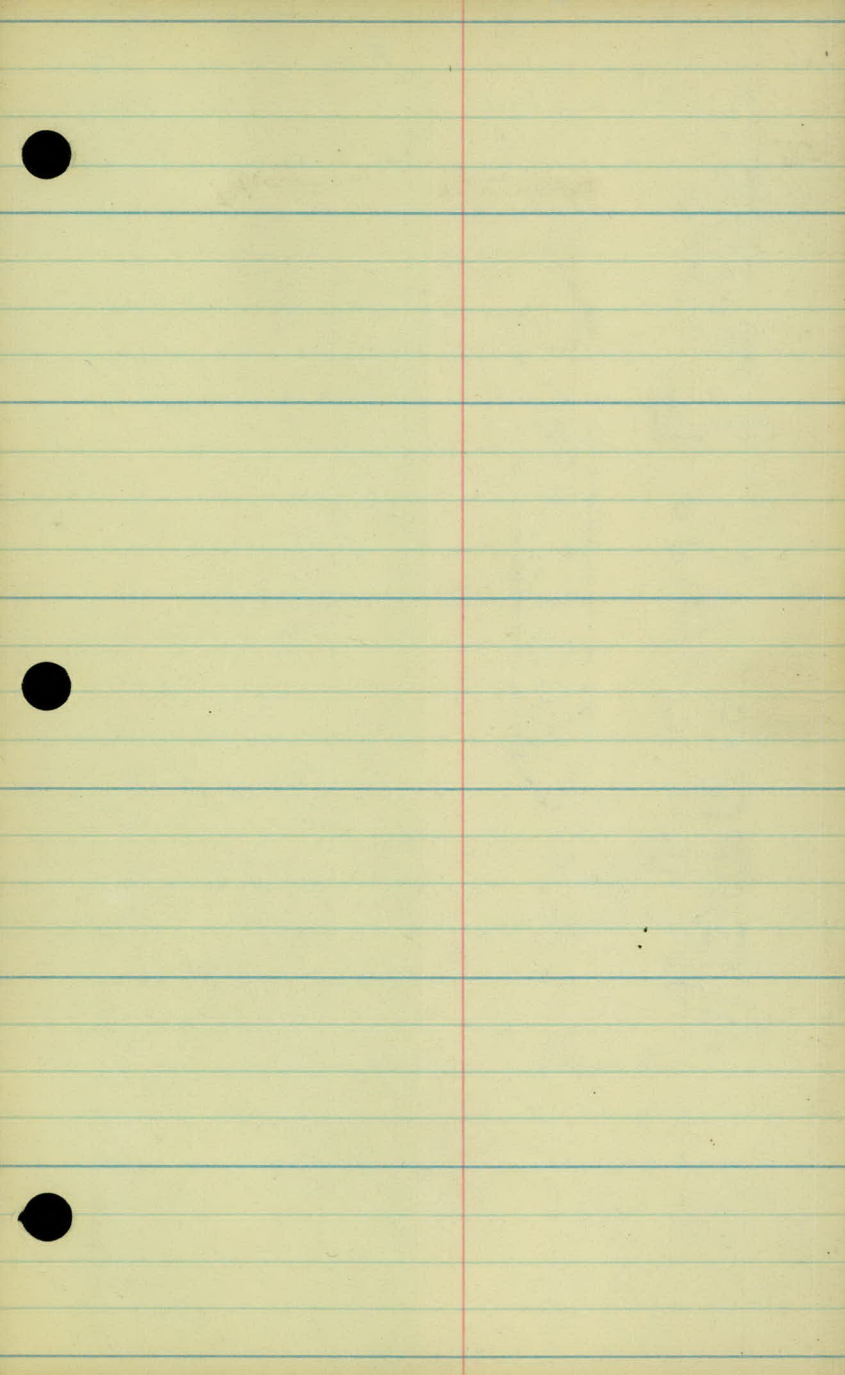
Cult.

F33

+26 P.P. 17'

+32 T.P. 15'





Sta	+	41	✓	
B.M.	4.80	896.03	✓	891.23
T.P.	10.61	898.06		887.45
B.M.		898.06	8.58	887.45
			2.04	896.02
				895.52

0+00 896.2

+50 94.5

1 93.6

+20 93.4

+85 92.8

2 92.6

+23 92.7

+33 92.3

+73 92.0

3 91.8

T.P.	8.65	896.10	1061	887.45
		895.60		886.75

+50 90.9

4 89.9

Left & Right.

Spk in PP 17' Lt. 10+88

Spk in 18" Dwt 60' N.W. from 0+00

$\frac{3.8}{40}$ $\frac{30}{23}$ 1.9 $\frac{1.9}{22}$ $\frac{3.8}{25}$ $\frac{1.9}{27}$ $\frac{1.1}{40}$

$\frac{9.7}{40}$ $\frac{9.5}{31}$ $\frac{8.0}{17}$ $\frac{4.6}{10}$ 3.6 $\frac{3.7}{20}$ $\frac{4.7}{25}$ $\frac{3.6}{40}$

$\frac{10.3}{40}$ $\frac{9.1}{16}$ $\frac{5.1}{9}$ 4.5 $\frac{4.7}{20}$ $\frac{6.0}{25}$ $\frac{4.6}{40}$

$\frac{9.4}{40}$ $\frac{8.0}{31}$ $\frac{5.4}{17}$ $\frac{5.4}{9}$ 4.7 $\frac{4.8}{21}$ $\frac{6.2}{25}$ $\frac{4.8}{40}$

OVERALL

$\frac{+30}{40}$ $\frac{+0.8}{34}$ $\frac{1.0}{27}$ $\frac{5.0}{15}$ $\frac{5.7}{9}$ 5.3 $\frac{5.2}{20}$ $\frac{6.5}{25}$ $\frac{5.5}{40}$

$\frac{0.0}{40}$ $\frac{0.0}{31}$ $\frac{5.0}{16}$ $\frac{5.7}{10}$ 5.5 $\frac{5.4}{21}$ $\frac{6.5}{24}$ $\frac{5.6}{40}$

$\frac{1.1}{40}$ $\frac{1.8}{31}$ $\frac{4.0}{25}$ $\frac{4.6}{20}$ $\frac{6.8}{13}$ $\frac{5.8}{11}$ 5.4 $\frac{5.6}{20}$ $\frac{6.8}{25}$ $\frac{6.4}{31}$ $\frac{7.4}{40}$

$\frac{6.0}{40}$ $\frac{5.8}{17}$ $\frac{7.6}{15}$ $\frac{5.8}{12}$ 5.8 $\frac{5.8}{21}$ $\frac{7.4}{25}$ $\frac{7.0}{30}$ $\frac{8.4}{40}$

$\frac{10.6}{40}$ $\frac{10.1}{23}$ $\frac{9.1}{17}$ $\frac{6.3}{9}$ 6.1 $\frac{6.5}{19}$ $\frac{10.0}{26}$ $\frac{11.2}{34}$ $\frac{13.3}{34}$ $\frac{13.3}{37}$ $\frac{11.1}{37}$ $\frac{11.1}{40}$

$\frac{11.7}{40}$ $\frac{11.2}{20}$ $\frac{6.7}{10}$ 6.3 $\frac{7.3}{19}$ $\frac{10.8}{26}$ $\frac{11.1}{33}$ $\frac{13.4}{33}$ $\frac{13.4}{36}$ $\frac{11.2}{36}$ $\frac{11.2}{40}$

Top Rock

$\frac{10.4}{40}$ $\frac{10.4}{21}$ $\frac{7.2}{14}$ $\frac{5.6}{11}$ 5.2 $\frac{6.2}{19}$ $\frac{9.4}{25}$ $\frac{9.7}{33}$ $\frac{13.1}{33}$ $\frac{13.1}{36}$ $\frac{9.7}{36}$ $\frac{9.7}{40}$

$\frac{10.6}{40}$ $\frac{10.7}{21}$ $\frac{7.6}{13}$ $\frac{6.6}{9}$ 6.2 $\frac{6.8}{19}$ $\frac{10.3}{25}$ $\frac{10.3}{33}$ $\frac{12.5}{33}$ $\frac{12.5}{36}$ $\frac{10.4}{36}$ $\frac{10.4}{40}$

Sta. + H.I. - Elev

896.10

+50

90.3

5

90.6

+50

90.7

6

91.0

+50

91.3

7

91.3

+50

90.4

8

89.2

+50

88.5

9

89.1

+50

89.9

10

90.6

+50

899.84

891.23 91.5

B.M.

8.61

899.34

4.87

890.70

891.13

LEFT £ RIGHT

$\frac{10.2}{40}$ $\frac{10.2}{22}$ $\frac{7.0}{13}$ $\frac{6.3}{9}$ 5.8 $\frac{6.6}{18}$ $\frac{10.3}{26}$ $\frac{10.3}{33}$ $\frac{12.7}{33}$ $\frac{12.7}{36}$ $\frac{10.5}{36}$ $\frac{10.7}{40}$

$\frac{9.4}{40}$ $\frac{9.4}{22}$ $\frac{5.8}{11}$ 5.5 $\frac{6.6}{20}$ $\frac{9.8}{26}$ $\frac{10.1}{33}$ $\frac{12.6}{33}$ $\frac{12.6}{36}$ $\frac{10.2}{36}$ $\frac{10.2}{40}$

$\frac{9.2}{40}$ $\frac{9.2}{24}$ $\frac{5.6}{11}$ 5.4 $\frac{6.2}{20}$ $\frac{9.6}{26}$ $\frac{10.2}{33}$ $\frac{12.7}{33}$ $\frac{12.7}{36}$ $\frac{10.0}{36}$ $\frac{10.0}{40}$

$\frac{8.9}{40}$ $\frac{9.1}{23}$ $\frac{5.5}{10}$ 5.1 $\frac{6.2}{19}$ $\frac{8.6}{25}$ $\frac{10.0}{33}$ $\frac{12.7}{33}$ $\frac{12.7}{36}$ $\frac{10.0}{36}$ $\frac{10.0}{40}$

$\frac{8.2}{40}$ $\frac{8.4}{23}$ $\frac{5.0}{12}$ 4.8 $\frac{5.7}{18}$ $\frac{7.8}{24}$ $\frac{9.3}{32}$ $\frac{12.2}{32}$ $\frac{12.2}{36}$ $\frac{9.6}{36}$ $\frac{9.6}{40}$

$\frac{9.4}{40}$ $\frac{9.1}{20}$ $\frac{5.4}{11}$ 4.8 $\frac{5.4}{18}$ $\frac{7.8}{25}$ $\frac{9.2}{32}$ $\frac{12.2}{32}$ $\frac{12.2}{36}$ $\frac{9.2}{36}$ $\frac{9.2}{40}$

$\frac{9.8}{40}$ $\frac{9.7}{21}$ $\frac{6.5}{12}$ 5.7 $\frac{6.6}{19}$ $\frac{8.2}{25}$ $\frac{9.3}{32}$ $\frac{12.1}{32}$ $\frac{12.1}{36}$ $\frac{9.7}{36}$ $\frac{9.7}{40}$

$\frac{10.3}{40}$ $\frac{10.5}{20}$ $\frac{7.8}{14}$ 6.9 $\frac{6.7}{7}$ $\frac{7.7}{20}$ $\frac{10.0}{28}$ $\frac{10.0}{32}$ $\frac{12.7}{32}$ $\frac{12.7}{36}$ $\frac{10.2}{36}$ $\frac{10.2}{40}$

$\frac{10.3}{40}$ $\frac{11.7}{22}$ $\frac{8.4}{15}$ 7.6 $\frac{7.8}{20}$ $\frac{9.5}{29}$ $\frac{10.5}{32}$ $\frac{12.8}{32}$ $\frac{12.8}{36}$ $\frac{10.4}{36}$ $\frac{10.4}{40}$

$\frac{10.2}{40}$ $\frac{11.2}{22}$ $\frac{8.4}{14}$ 7.0 $\frac{7.2}{15}$ $\frac{9.1}{25}$ $\frac{9.7}{30}$ $\frac{12.8}{32}$ $\frac{12.8}{35}$ $\frac{10.2}{35}$ $\frac{10.2}{40}$

Inv. x Dr. $\frac{10.2}{40}$ $\frac{10.8}{17}$ $\frac{6.8}{11}$ 6.2 $\frac{6.6}{17}$ $\frac{10.5}{27}$ $\frac{10.1}{40}$ $\frac{6.6}{17}$ $\frac{10.5}{27}$ $\frac{10.1}{40}$

$\frac{10.1}{40}$ $\frac{10.6}{23}$ $\frac{7.4}{14}$ $\frac{6.1}{7}$ 5.5 $\frac{6.0}{18}$ $\frac{10.4}{32}$ $\frac{10.0}{40}$

$\frac{10.0}{40}$ $\frac{10.4}{24}$ $\frac{5.6}{13}$ 4.6 $\frac{4.7}{15}$ $\frac{7.7}{26}$ $\frac{9.8}{33}$ $\frac{9.8}{40}$

Spt in P.P. 17' Lt. 10 + 88.

Sta + H.I. ~~899.54~~ 899.84 Elev

11 93.2

+50 95.5

12 97.9
T.P. 10.35 909.65 ~~909.15~~ 0.54 ~~899.30~~ 898.80

+50 900.1

13 2.4

+50 4.8

14 7.2
T.P. 13.52 921.99 ~~921.49~~ 1.18 ~~908.47~~ 907.97

13 +50 4.8

14 7.2

+50 9.4

15 11.5

+50 13.9
T.P. 9.37 928.06 ~~927.56~~ 3.30 ~~918.57~~ 918.19

15 11.5

LEFT E RIGHT

$$\frac{13.5}{40} \quad \frac{13.4}{25} \quad \frac{12.7}{19} \quad \frac{7.3}{9} \quad 6.6 \quad \frac{6.7}{13} \quad \frac{13.2}{25} \quad \frac{13.2}{40}$$

$$\frac{13.0}{40} \quad \frac{12.7}{34} \quad \frac{10.0}{17} \quad \frac{5.0}{8} \quad 4.3 \quad \frac{4.8}{13} \quad \frac{10.5}{25} \quad \frac{12.0}{33} \quad \frac{12.0}{40}$$

$$\frac{7.0}{40} \quad \frac{6.2}{23} \quad \frac{2.8}{11} \quad 1.9 \quad \frac{2.2}{14} \quad \frac{6.2}{25} \quad \frac{7.3}{40}$$

$$\frac{11.5}{40} \quad \frac{11.2}{17} \quad \frac{10.0}{11} \quad 9.6 \quad \frac{10.4}{22} \quad \frac{9.0}{25} \quad \frac{9.0}{40}$$

$$\frac{7.4}{40} \quad \frac{3.0}{28} \quad \frac{6.4}{25} \quad \frac{7.6}{19} \quad 7.3 \quad \frac{7.3}{18} \quad \frac{7.8}{20} \quad \frac{0.4}{30} \quad \frac{0.7}{40}$$

$$\frac{0.0}{27} \quad \frac{4.0}{19} \quad \frac{5.4}{8} \quad 4.9 \quad \frac{5.3}{17}$$

$$\frac{2.1}{12} \quad 2.5 \quad \frac{2.8}{15}$$

$$\frac{11.0}{42} \quad \frac{10.4}{37} \quad \frac{8.6}{31} \quad 17.2 \quad \frac{7.0}{34} \quad \frac{6.0}{40}$$

$$\frac{5.5}{40} \quad \frac{4.8}{35} \quad 14.8 \quad \frac{4.0}{34} \quad \frac{1.7}{43}$$

$$\frac{1.5}{40} \quad \frac{1.3}{37} \quad \frac{12.8}{9} \quad 12.6 \quad \frac{12.8}{18} \quad \frac{1.5}{33} \quad \frac{0.0}{4.0} \quad \frac{\text{over H.I.}}{+1.0} \quad \frac{5.0}{50}$$

$$\frac{7.5}{20} \quad \frac{10.8}{13} \quad 10.5 \quad \frac{10.5}{17}$$

$$\frac{8.7}{11} \quad 8.1 \quad \frac{8.4}{15}$$

$$\frac{5.5}{40} \quad \frac{5.8}{29} \quad \frac{8.4}{29} \quad 16.6 \quad \frac{5.3}{34} \quad \frac{4.6}{50}$$

Sta. + 41. - Elev.
 928.06
 927.56

+50

13.9

16

16.1

+50

18.3

17

20.1

+50

T.P.

8.38 931.27
 930.77 5.17

922.89 ✓ 21.7
~~922.34~~

18

22.9

+50

23.6

19

24.1

+50

24.4

20

24.5

+50

24.5

21

24.0

+50

23.8

LEFT 2 RIGHT

$$\frac{4.3}{40} \quad \frac{4.2}{29} \quad 14.2 \quad \frac{4.3}{31} \quad \frac{4.5}{50}$$

$$\frac{5.2}{40} \quad \frac{5.1}{30} \quad \frac{9.4}{21} \quad \frac{12.5}{15} \quad 12.0 \quad \frac{12.2}{15} \quad \frac{5.0}{28} \quad \frac{5.2}{50}$$

$$\frac{4.8}{50} \quad \frac{4.8}{45} \quad \frac{7.5}{35} \quad \frac{8.0}{22} \quad \frac{10.4}{15} \quad 9.8 \quad \frac{10.1}{15} \quad \frac{4.4}{25} \quad \frac{5.8}{38} \quad \frac{5.8}{50}$$

$$\frac{2.4}{55} \quad \frac{2.4}{50} \quad \frac{6.1}{40} \quad \frac{6.1}{21} \quad \frac{8.4}{14} \quad 8.0 \quad \frac{8.4}{15} \quad \frac{3.3}{22} \quad \frac{4.6}{36} \quad \frac{4.6}{50}$$

$$\frac{0.8}{40} \quad \frac{1.0}{30} \quad \frac{6.2}{18} \quad \frac{7.2}{12} \quad 6.4 \quad \frac{7.0}{15} \quad \frac{1.5}{21} \quad \frac{2.5}{37} \quad \frac{2.5}{50}$$

Top of Spt POT 18 + 01.55

$$\frac{4.5}{40} \quad \frac{3.6}{24} \quad \frac{7.8}{19} \quad \frac{8.7}{14} \quad 8.4 \quad \frac{8.8}{15} \quad \frac{3.8}{21} \quad \frac{4.3}{31} \quad \frac{5.0}{50}$$

$$\frac{4.8}{40} \quad \frac{4.2}{23} \quad \frac{7.8}{19} \quad \frac{8.4}{11} \quad 7.7 \quad \frac{8.0}{8} \quad \frac{8.5}{16} \quad \frac{4.6}{20} \quad \frac{4.4}{31} \quad \frac{4.2}{40}$$

$$\frac{4.8}{40} \quad \frac{4.2}{23} \quad \frac{10.4}{19} \quad \frac{8.0}{11} \quad 7.2 \quad \frac{8.0}{15} \quad \frac{5.0}{19} \quad \frac{5.0}{32} \quad \frac{5.3}{40}$$

$$\frac{5.4}{40} \quad \frac{5.0}{20} \quad \frac{7.5}{13} \quad 6.9 \quad \frac{7.6}{14} \quad \frac{5.6}{17} \quad \frac{4.7}{22} \quad \frac{5.4}{32} \quad \frac{5.8}{40}$$

$$\frac{6.5}{40} \quad \frac{5.0}{25} \quad \frac{5.7}{19} \quad \frac{7.8}{15} \quad 6.8 \quad \frac{7.7}{14} \quad \frac{6.4}{17} \quad \frac{5.7}{22} \quad \frac{7.0}{42}$$

$$\frac{7.4}{40} \quad \frac{7.4}{33} \quad \frac{8.2}{24} \quad \frac{9.2}{19} \quad \frac{7.5}{12} \quad 6.8 \quad \frac{7.2}{12} \quad \frac{8.0}{16} \quad \frac{7.4}{25} \quad \frac{8.3}{37} \quad \frac{8.3}{40}$$

$$\frac{8.2}{40} \quad \frac{8.1}{36} \quad \frac{10.1}{29} \quad \frac{10.0}{17} \quad \frac{7.7}{11} \quad 7.3 \quad \frac{7.7}{12} \quad \frac{8.8}{17} \quad \frac{8.2}{24} \quad \frac{9.1}{36} \quad \frac{9.1}{40}$$

$$\frac{8.8}{40} \quad \frac{8.8}{38} \quad \frac{10.8}{31} \quad \frac{9.6}{16} \quad \frac{7.7}{12} \quad 7.5 \quad \frac{7.8}{12} \quad \frac{9.2}{16} \quad \frac{8.8}{22} \quad \frac{9.4}{37} \quad \frac{9.4}{40}$$

231.27
~~130.77~~

23.8

22

24.6

+40

24.7

+48

Top Shoulder line Rice St

+65³³

± Rice St.

24.7

B.M.

5.90

925.37
~~924.87~~

925.45

LEFT & RIGHT

$\frac{9.1}{40}$ $\frac{9.1}{36}$ $\frac{10.1}{31}$ $\frac{10.1}{19}$ $\frac{7.8}{12}$ 7.5 $\frac{7.7}{11}$ $\frac{7.4}{17}$ $\frac{9.1}{22}$ $\frac{9.6}{37}$ $\frac{9.6}{40}$

$\frac{9.4}{50}$ $\frac{8.4}{33}$ $\frac{7.0}{26}$ 6.7 $\frac{7.2}{24}$ $\frac{9.4}{33}$ $\frac{9.7}{50}$

$\frac{6.7}{50}$ $\frac{6.7}{25}$ 6.6 $\frac{6.8}{25}$ $\frac{6.8}{50}$

$\frac{6.6}{50}$ 6.6 $\frac{6.6}{50}$

sph in 48" C.H. S.E. cor Rice St. + S. DWASSO

