

Book - 4 - Dr. 11-1

X

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

PLAN

Survey

FOSS RD.

From Co. Rd. D To S.T.H. No 63

Road Acc't. No. M3

Date Filed 11-8-29 File M-V Twp.

1930 plans
see New Notes
for proj 31-M3

Twp survey

Mounds

View

STA. POINT Δ LT Δ RT.

20+66 ³¹	P.T.	17°-45 ⁵	N 35°-39' E ✓
20+64.71		16°-07 ⁶	
+50		11°-07 ⁹	
20			
19+80	P.I.		Δ-35°-31
19+79.35	D.O.M.		D-20°-R.
+50		6°-07 ⁹	T-92 ²² ✓
19		1°-07 ⁶	L-177 ⁵⁸ ✓
18+88 ⁷⁸	P.C.	0°-00	R-287 ⁹⁴ ✓
18+87.13			

12+80° P.O.T.

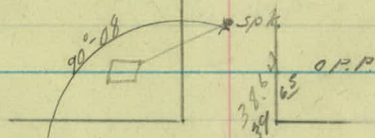
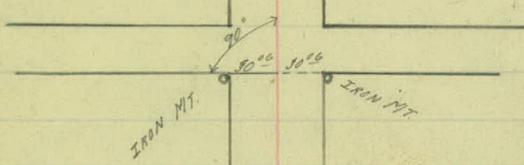
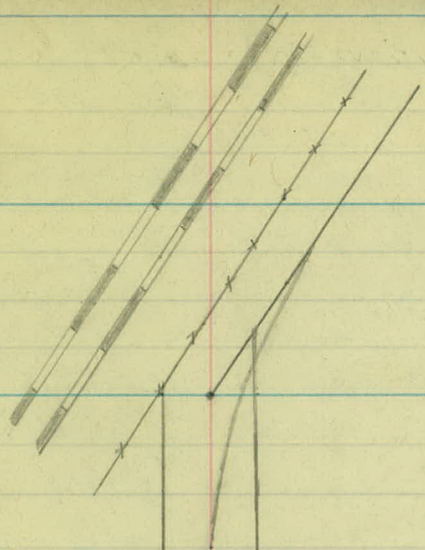
6+62° P.O.T.

6+00 P.O.T.

0+00

N 00°-08' E ✓

2-7-24



STONE MONT.
 1/4 COR. S. LINE
 SEC. 30.

Co. Road "D"

657 ⁵⁶ STONE MONT.
 S.E. COR. SEC. 31.

55' 4"
 31.50 O.P.P.

STA. POINT Δ LT. Δ RT.

55 + 78³

S 89° - 32' E ✓

32 + 70³ P.O.T.

" "

29 + 43² P.I. 0° - 43

N 89° - 45' E ✓

28 + 94³⁷ P.T. 27° - 03'

+50 22° - 57'

28 17° - 37'

27 + 70⁹ P.I. Δ - 54° - 06'

27 + 69.12 +50 12° - 37' D - 20° - R

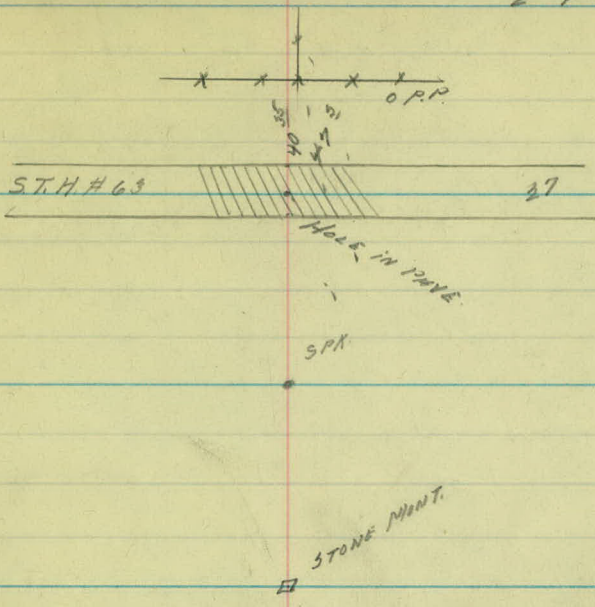
27 7° - 57' T - 147⁰³ ✓

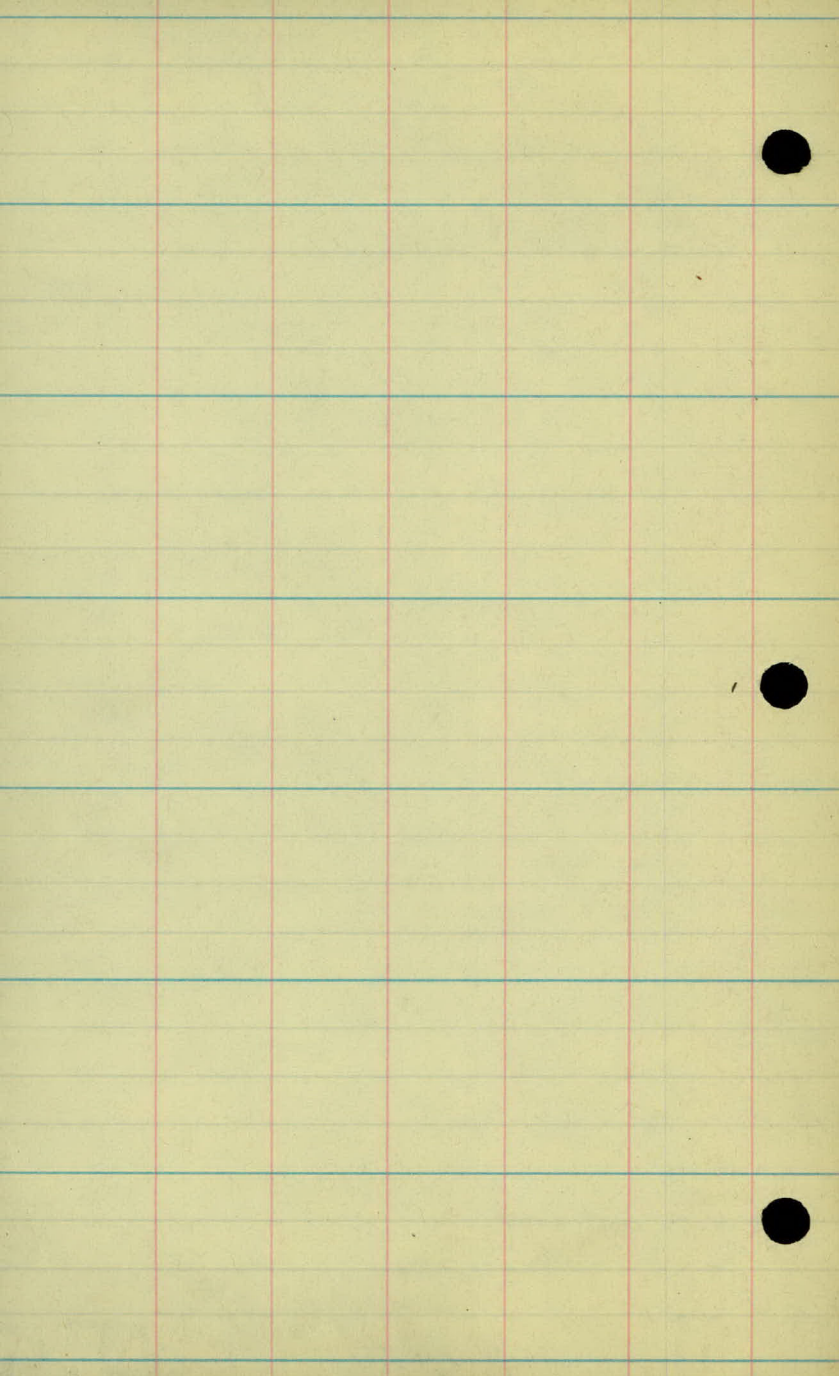
+50 2° - 57' L - 270⁵⁰ ✓

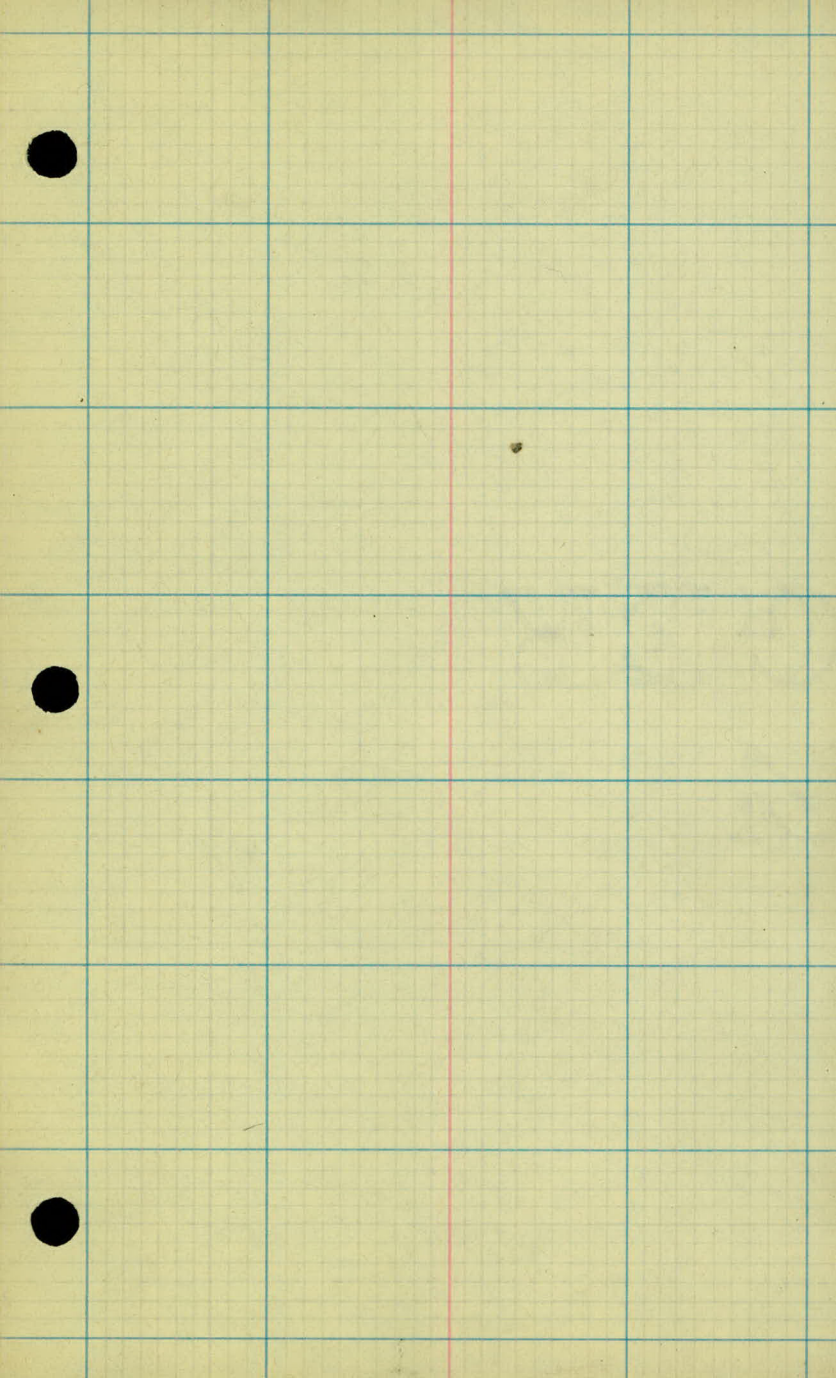
26 + 23²⁷ P.C. 0° - 00' R - 287²⁴ ✓

N 35° - 29' E

2-7-29







5

4

3

2

1400

0700

2-18-29

+07 F.COR. 30

+68 BEG F. 30
+61 PRI. ENT.
+54 END F. 30

+11 DEG. F 30

+83 F. COR 16

+56 Willow 18

+41 F. COR 18

HAY FIELD

+08 P.P. 25
+04 F. COR 31

PASTURE

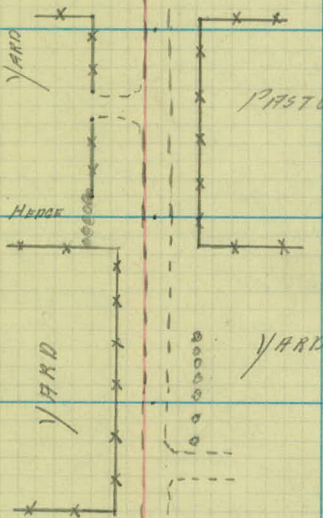
+73 F. COR 31
+82 P.P. 24

+80 - 2" - T-30
+77 P.P. 24

+64 PRI. ENT.

+31 P.P. 24

Co. ROAD "D"



11

10

9

8

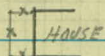
7

6

5

o

2-18-29

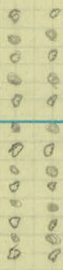


714 HOUSE 42
714 F. COM 31

790 HOUSE 42
790 F. COM 31

795 PRI ENT

ORCHARD &
BERRY BUSHES

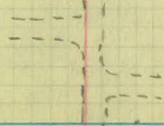


UNCULTIVATED

UNCULTIVATED

750 PRI ENT

732 P. R. 25
730 FARM ENT



17

14

15

14

13

12

11

2-18-29

706 X. DRAIN
12" X 24" C.M.
EXTENDS 9L. & 15R.
702 X DRAINS

750 PITCH 75

UNCULTIVATED

UNCULTIVATED

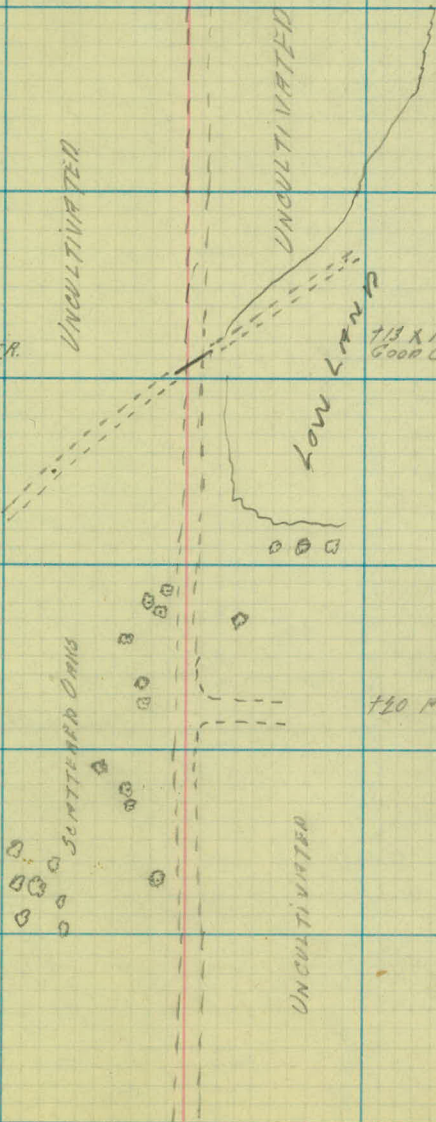
LOW LAND

713 X DRAIN 14
GOOD COND.

SUMPTNER DRAIN

720 PRE ENT

UNCULTIVATED



23

22

21

20

19

18

17

2-18-27

+76 T.P. 48

136 X DRUM IN 45'-
36" CONC.

+55 T.P. 47

+35 T.P. 49

SWAMP

Body

CULTIVATED

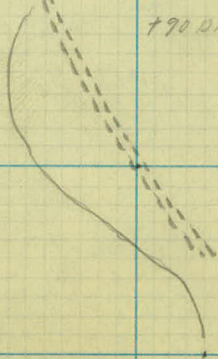
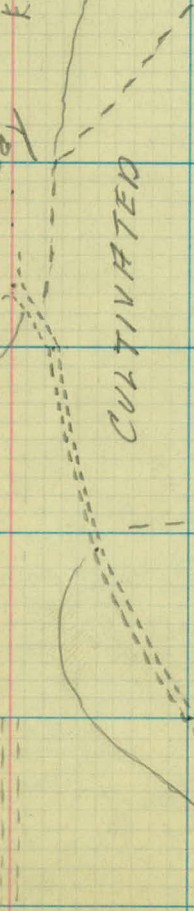
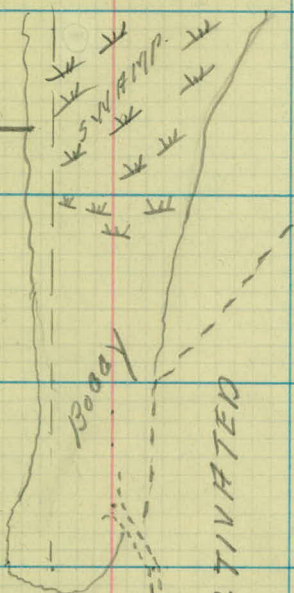
UNCULTIVATED

DITCH 25

+50 DITCH 32

+90 DITCH

DITCH 100



29

28

27

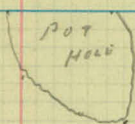
26

25

24

23

2-18-29



UNCULTIVATED

+31 T.P. 49°

F. 33

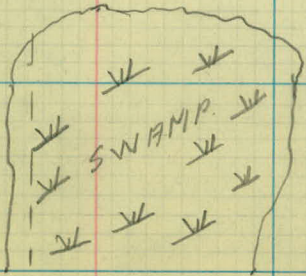
+27 R.O.W F. 34

+14 T.P. 49



UNCULTIVATED

+33 T.P. 48



35

34

33

32

31

30

29

2-18-29

CULTIVATED

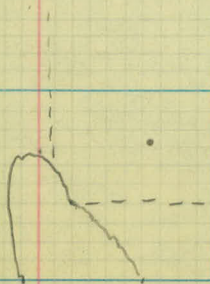
CULTIVATED

CULTIVATED

+24-TWIN T-9
+16-50"-T-10

+70-24"-T-9

00



41

40

39

38

37

36

35

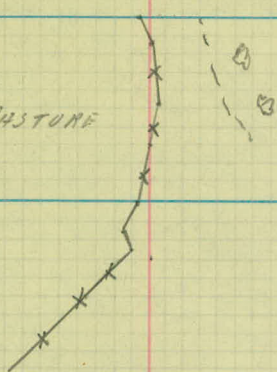
2-18-29

F 6
+76 F 2

+29 F 2
F 9
+93 F 14
+65 F 11
+50 F 37

PASTURE

+52 F 4



CULTIVATED

UNCULTIVATED

47

46

45

44

43

42

41

2-18-29

+96 T.P. 4'

CULTIVATED

+51 T.P. 2⁵

+15 T.P. 1

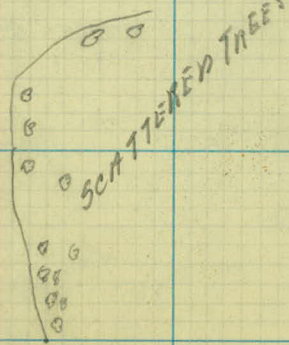
CULTIVATED

HAY FIELD

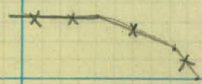
+64 T.P. 21
RPS

PLUM TREES

YARD



+52 F. 60
+17 F. 19



53

52

51

50

49

48

47

2-18-29

PASTURE

+58 APPLE T. 14
+42 APPLE T. 26
+41 T.P. 10
+27-12"-T-13

+27 F.S.

+61-24"-T-12

+26-T.P. 9

CULTIVATED

HAY FIELD

+55 T.P. 8

+59 T.P. 6

56

55

54

53

2-18-29

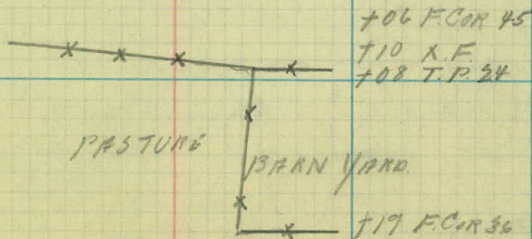
S.T.H. # 63.

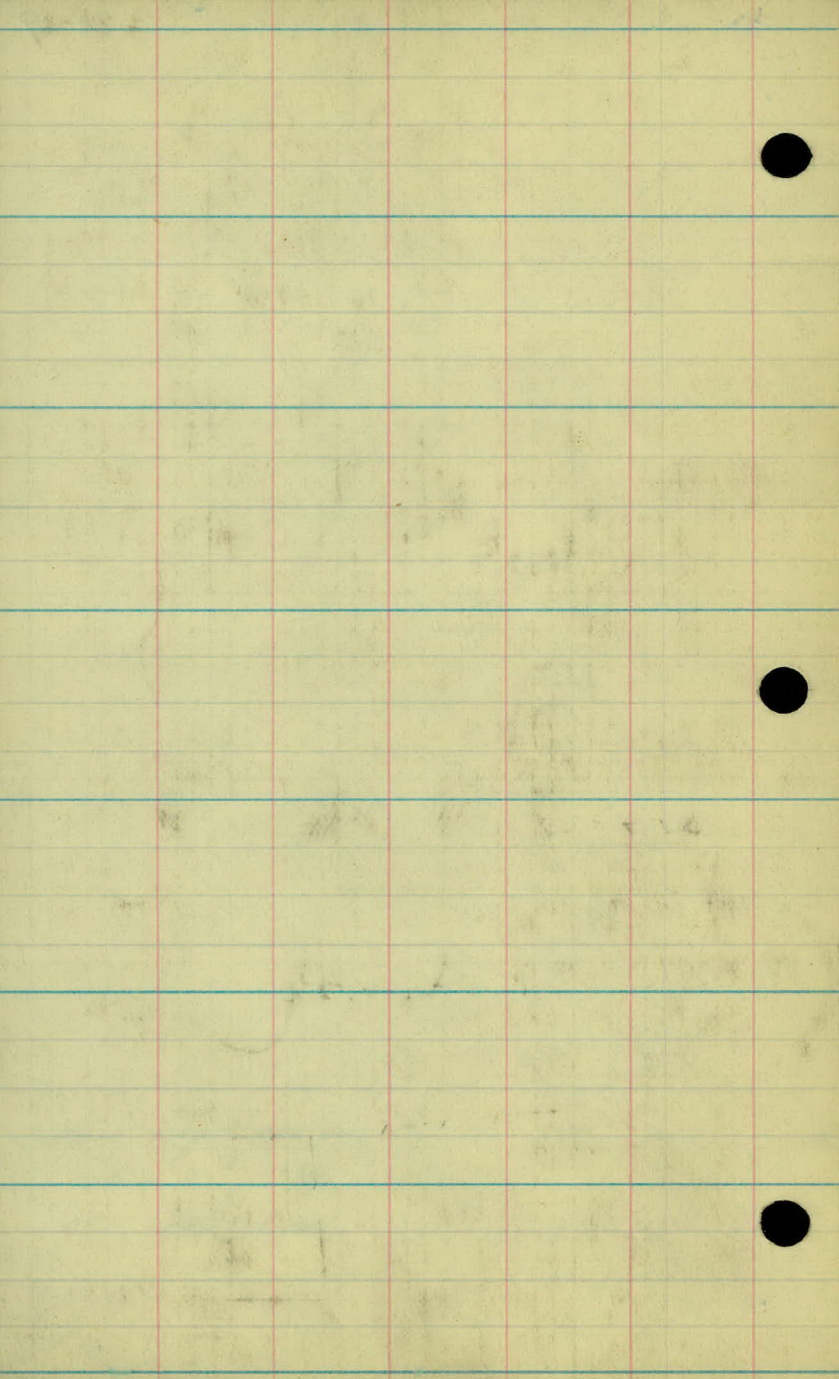
27

+44 T.P. 31

+28 T.P. 34

CULTIVATED





X SECTIONS

B.M.	5.26	957.34	952.08	
0+00		$\frac{5.26}{908.30}$		52.4
0+15				51.8
0+30				50.6
1+00		957.14		46.2
		7.44		
		947.90		
		3.29		
1+50		956.14		45.0
2+00				44.9
2+50				45.5
3+00				46.5
	8.24	956.14	7.44	947.90
3+50				48.1
4+00				49.5
4+50				50.5
5+00				49.6
5+50				50.2

$\frac{2.5}{200}$ $\frac{3.2}{150}$ $\frac{3.7}{100}$ $\frac{4.3}{50}$ 4.9 $\frac{5.6}{50}$ $\frac{6.1}{100}$ $\frac{6.4}{150}$ $\frac{6.7}{200}$

$\frac{4.9}{33}$ $\frac{5.2}{16}$ 5.5 $\frac{5.7}{13}$ $\frac{5.7}{33}$

$\frac{5.2}{33}$ $\frac{6.1}{13}$ $\frac{8.0}{12}$ 6.7 $\frac{6.9}{11}$ $\frac{8.0}{19}$ $\frac{9.5}{20}$ $\frac{9.5}{22}$ $\frac{7.8}{24}$ $\frac{8.2}{33}$

$\frac{9.6}{33}$ $\frac{10.1}{11}$ $\frac{12.2}{7}$ 11.1 $\frac{10.7}{4}$ $\frac{11.0}{11}$ $\frac{12.3}{18}$ $\frac{11.6}{20}$ $\frac{12.1}{33}$

$\frac{11.6}{33}$ $\frac{12.5}{24}$ $\frac{12.9}{8}$ 12.3 $\frac{12.0}{4}$ $\frac{12.7}{14}$ $\frac{13.5}{20}$ $\frac{13.1}{33}$

$\frac{13.5}{33}$ $\frac{13.5}{17}$ $\frac{13.5}{4}$ 12.4 $\frac{11.8}{7}$ $\frac{12.6}{15}$ $\frac{13.5}{20}$ $\frac{13.6}{21}$ $\frac{13.3}{33}$

$\frac{13.4}{33}$ $\frac{13.2}{16}$ $\frac{13.1}{7}$ 11.8 $\frac{11.5}{10}$ $\frac{12.1}{15}$ $\frac{12.5}{21}$ $\frac{12.4}{33}$

$\frac{11.0}{33}$ $\frac{11.7}{13}$ $\frac{11.4}{12}$ $\frac{11.3}{6}$ 10.8 $\frac{10.4}{7}$ $\frac{11.7}{14}$ $\frac{11.7}{19}$ $\frac{11.0}{21}$ $\frac{11.1}{33}$

$\frac{7.7}{33}$ $\frac{7.8}{22}$ $\frac{8.1}{12}$ $\frac{8.1}{6}$ 8.0 $\frac{7.8}{6}$ $\frac{8.4}{12}$ $\frac{9.1}{17}$ $\frac{8.0}{20}$ $\frac{7.7}{33}$

$\frac{7.3}{33}$ $\frac{6.9}{10}$ $\frac{7.2}{7}$ 6.4 $\frac{6.5}{7}$ $\frac{7.3}{12}$ $\frac{7.3}{18}$ $\frac{6.7}{20}$ $\frac{6.4}{33}$

$\frac{8.7}{33}$ $\frac{6.6}{9}$ $\frac{7.0}{7}$ 5.4 $\frac{5.2}{5}$ $\frac{5.6}{9}$ $\frac{6.6}{19}$ $\frac{5.2}{20}$ $\frac{5.1}{33}$

$\frac{7.9}{33}$ $\frac{9.2}{18}$ $\frac{7.6}{9}$ $\frac{7.6}{5}$ 6.5 $\frac{6.0}{4}$ $\frac{6.6}{12}$ $\frac{7.3}{16}$ $\frac{5.9}{19}$ $\frac{5.6}{33}$

$\frac{7.8}{33}$ $\frac{7.8}{15}$ $\frac{7.8}{8}$ 5.9 $\frac{5.7}{4}$ $\frac{6.2}{14}$ $\frac{6.6}{17}$ $\frac{6.7}{33}$

956.14

6+00

53.2

11.03 961.57 5.58 950.56 950.54

6+50

55.2

6+77

54.2

7+00

52.6

7+50

48.6

1.28 949.73 13.12 948.45

8+00

42.9

0.79 946.74 13.78 945.95

8+50

36.6

26.6

9+00

47.3

32.0

9+50

29.4

10+00

29.1

10+50

28.3

11+00

26.5

11+40

25.4

$$\begin{array}{r} 5.0 \\ 33 \end{array} \quad \begin{array}{r} 5.3 \\ 19 \end{array} \quad \begin{array}{r} 4.3 \\ 9 \end{array} \quad 2.9 \quad \begin{array}{r} 3.3 \\ 10 \end{array} \quad \begin{array}{r} 4.0 \\ 16 \end{array} \quad \begin{array}{r} 1.2 \\ 20 \end{array} \quad \begin{array}{r} 1.6 \\ 33 \end{array}$$

$$\begin{array}{r} 1.9 \\ 33 \end{array} \quad \begin{array}{r} 2.1 \\ 16 \end{array} \quad \begin{array}{r} 2.9 \\ 9 \end{array} \quad 6.4 \quad \begin{array}{r} 6.8 \\ 10 \end{array} \quad \begin{array}{r} 7.2 \\ 14 \end{array} \quad \begin{array}{r} 3.1 \\ 18 \end{array} \quad \begin{array}{r} 4.3 \\ 33 \end{array}$$

$$\begin{array}{r} 3.0 \\ 33 \end{array} \quad \begin{array}{r} 3.5 \\ 14 \end{array} \quad \begin{array}{r} 8.4 \\ 9 \end{array} \quad 7.4 \quad \begin{array}{r} 8.0 \\ 13 \end{array} \quad \begin{array}{r} 3.6 \\ 17 \end{array} \quad \begin{array}{r} 4.5 \\ 33 \end{array}$$

$$\begin{array}{r} 7.1 \\ 33 \end{array} \quad \begin{array}{r} 7.6 \\ 15 \end{array} \quad \begin{array}{r} 10.0 \\ 9 \end{array} \quad 9.0 \quad \begin{array}{r} 9.0 \\ 5 \end{array} \quad \begin{array}{r} 9.8 \\ 13 \end{array} \quad \begin{array}{r} 6.9 \\ 16 \end{array} \quad \begin{array}{r} 7.4 \\ 33 \end{array}$$

$$\begin{array}{r} 11.5 \\ 33 \end{array} \quad \begin{array}{r} 11.8 \\ 12 \end{array} \quad \begin{array}{r} 13.7 \\ 8 \end{array} \quad 13.0 \quad \begin{array}{r} 12.7 \\ 4 \end{array} \quad \begin{array}{r} 13.9 \\ 13 \end{array} \quad \begin{array}{r} 11.5 \\ 14 \end{array} \quad \begin{array}{r} 12.5 \\ 33 \end{array}$$

$$\begin{array}{r} 3.5 \\ 33 \end{array} \quad \begin{array}{r} 4.9 \\ 9 \end{array} \quad \begin{array}{r} 7.4 \\ 6 \end{array} \quad 6.8 \quad \begin{array}{r} 6.3 \\ 8 \end{array} \quad \begin{array}{r} 7.5 \\ 14 \end{array} \quad \begin{array}{r} 9.4 \\ 20 \end{array} \quad \begin{array}{r} 11.0 \\ 33 \end{array}$$

$$\begin{array}{r} 70.5 \\ 33 \end{array} \quad \begin{array}{r} 0.0 \\ 20 \end{array} \quad \begin{array}{r} 1.3 \\ 7 \end{array} \quad 0.1 \quad \begin{array}{r} 0.3 \\ 8 \end{array} \quad \begin{array}{r} 1.1 \\ 12 \end{array} \quad \begin{array}{r} 3.6 \\ 17 \end{array} \quad \begin{array}{r} 6.9 \\ 33 \end{array}$$

$$\begin{array}{r} 5.5 \\ 33 \end{array} \quad \begin{array}{r} 6.9 \\ 15 \end{array} \quad \begin{array}{r} 6.5 \\ 6 \end{array} \quad 4.7 \quad \begin{array}{r} 4.9 \\ 8 \end{array} \quad \begin{array}{r} 5.9 \\ 12 \end{array} \quad \begin{array}{r} 9.3 \\ 18 \end{array} \quad \begin{array}{r} 11.3 \\ 33 \end{array}$$

$$\begin{array}{r} 1.4 \\ 35 \end{array} \quad \begin{array}{r} 1.5 \\ 33 \end{array} \quad \begin{array}{r} 4.3 \\ 15 \end{array} \quad \begin{array}{r} 8.4 \\ 10 \end{array} \quad 7.3 \quad \begin{array}{r} 7.3 \\ 5 \end{array} \quad \begin{array}{r} 5.8 \\ 13 \end{array} \quad \begin{array}{r} 14.6 \\ 33 \end{array} \quad \begin{array}{r} 15.5 \\ 40 \end{array}$$

$$\begin{array}{r} 0.9 \\ 33 \end{array} \quad \begin{array}{r} 2.6 \\ 15 \end{array} \quad \begin{array}{r} 8.4 \\ 8 \end{array} \quad \begin{array}{r} 7.6 \\ 2 \end{array} \quad 7.6 \quad \begin{array}{r} 8.4 \\ 10 \end{array} \quad \begin{array}{r} 10.0 \\ 14 \end{array} \quad \begin{array}{r} 14.7 \\ 33 \end{array} \quad \begin{array}{r} 15.0 \\ 32 \end{array}$$

$$\begin{array}{r} 4.8 \\ 33 \end{array} \quad \begin{array}{r} 5.6 \\ 16 \end{array} \quad \begin{array}{r} 2.6 \\ 11 \end{array} \quad \begin{array}{r} 8.7 \\ 5 \end{array} \quad 8.4 \quad \begin{array}{r} 9.0 \\ 9 \end{array} \quad \begin{array}{r} 10.0 \\ 11 \end{array} \quad \begin{array}{r} 11.8 \\ 16 \end{array} \quad \begin{array}{r} 14.0 \\ 33 \end{array}$$

$$\begin{array}{r} 7.7 \\ 33 \end{array} \quad \begin{array}{r} 11.3 \\ 13 \end{array} \quad \begin{array}{r} 11.0 \\ 6 \end{array} \quad \begin{array}{r} 10.2 \\ 2 \end{array} \quad 10.2 \quad \begin{array}{r} 10.4 \\ 6 \end{array} \quad \begin{array}{r} 10.8 \\ 9 \end{array} \quad \begin{array}{r} 12.4 \\ 33 \end{array}$$

$$\begin{array}{r} 9.9 \\ 33 \end{array} \quad \begin{array}{r} 12.6 \\ 15 \end{array} \quad \begin{array}{r} 13.4 \\ 9 \end{array} \quad \begin{array}{r} 11.4 \\ 4 \end{array} \quad 11.3 \quad \begin{array}{r} 11.7 \\ 7 \end{array} \quad \begin{array}{r} 12.2 \\ 11 \end{array} \quad \begin{array}{r} 11.8 \\ 19 \end{array} \quad \begin{array}{r} 10.4 \\ 33 \end{array}$$

936.74

12700

27.1

12730

28.3

12760

27.8

0.50 ✓ 924.89 12.35 ✓ 924.19

13700

24.7

13750

21.2

1.51 ✓ 924.83 1.51 ✓ 923.38 923.32

14700

18.5

14750

17.2

15700

17.0

15750

17.1

16700

19.0

765

20.9

17700

19.5

0.33 ✓ 921.22 3.94 ✓ 920.89

$$\frac{15.5}{33} \quad \frac{12.9}{13} \quad \frac{10.1}{7} \quad 9.6 \quad \frac{10.3}{10} \quad \frac{6.0}{16} \quad \frac{1.5}{33}$$

$$\frac{14.8}{33} \quad \frac{10.1}{14} \quad \frac{8.9}{8} \quad 8.4 \quad \frac{8.6}{8} \quad \frac{3.0}{15} \quad \frac{0.5}{28} \quad \frac{70.5}{33}$$

$$\frac{13.9}{33} \quad \frac{10.9}{20} \quad \frac{9.0}{10} \quad 8.9 \quad \frac{9.6}{9} \quad \frac{6.1}{13} \quad \frac{4.3}{33}$$

5.9
4.2
2

$$\frac{2.0}{33} \quad \frac{0.3}{23} \quad \frac{0.3}{6} \quad 0.2 \quad \frac{0.6}{4} \quad \frac{70.4}{8} \quad \frac{70.8}{9} \quad \frac{71.6}{33}$$

$$\frac{6.5}{33} \quad \frac{5.1}{19} \quad \frac{4.2}{7} \quad \frac{3.7}{6} \quad 3.7 \quad \frac{4.1}{5} \quad \frac{3.6}{7} \quad \frac{3.4}{12} \quad \frac{2.4}{33}$$

$$\frac{7.6}{33} \quad \frac{6.8}{8} \quad \frac{7.1}{7} \quad \frac{6.6}{4} \quad 6.3 \quad \frac{6.5}{5} \quad \frac{7.0}{7} \quad \frac{6.3}{9} \quad \frac{6.1}{33}$$

$$\frac{8.7}{33} \quad \frac{8.8}{8} \quad \frac{7.9}{6} \quad 7.6 \quad \frac{7.8}{6} \quad \frac{7.7}{10} \quad \frac{8.1}{16} \quad \frac{8.9}{33}$$

$$\frac{9.1}{33} \quad \frac{8.8}{20} \quad \frac{7.5}{8} \quad \frac{8.2}{5} \quad 7.8 \quad \frac{7.7}{5} \quad \frac{8.2}{9} \quad \frac{8.9}{16} \quad \frac{8.9}{33}$$

$$\frac{9.6}{50} \quad \frac{10.1}{50} \quad \frac{10.2}{50} \quad \frac{10.3}{50}$$

$$\frac{6.9}{33} \quad \frac{7.4}{27} \quad \frac{8.1}{10} \quad \frac{7.7}{5} \quad 7.7 \quad \frac{8.3}{9} \quad \frac{8.9}{13} \quad \frac{8.9}{33}$$

$$\frac{4.5}{33} \quad \frac{6.0}{10} \quad \frac{6.9}{7} \quad \frac{6.2}{5} \quad 5.8 \quad \frac{6.4}{6} \quad \frac{6.5}{10} \quad \frac{7.3}{13} \quad \frac{6.8}{33}$$

$$\frac{7.1}{33} \quad \frac{5.5}{10} \quad \frac{5.7}{8} \quad \frac{3.9}{2} \quad 3.9 \quad \frac{4.0}{9} \quad \frac{4.4}{11} \quad \frac{3.5}{13} \quad \frac{3.1}{33}$$

$$\frac{7.7}{33} \quad \frac{7.7}{23} \quad \frac{6.6}{8} \quad \frac{5.3}{2} \quad 5.3 \quad \frac{5.5}{9} \quad \frac{4.5}{12} \quad \frac{5.1}{33}$$

921.23

750

18.2

18+00

15.1

750

14.8

19+00

16.3

720

17.9

750

14.7

20+00

11.2

5.05 915.90 10.37 910.25

20+50

10.9

21+00

09.9

22+00

08.9

23+00

09.0

24+00

08.9

4.06 915.83 4.06 911.84 911.77

25+00

11.2

$$\begin{array}{r} 4.0 \\ 33 \end{array} \quad \begin{array}{r} 3.1 \\ 11 \end{array} \quad \begin{array}{r} 4.1 \\ 8 \end{array} \quad \begin{array}{r} 3.3 \\ 6 \end{array} \quad 3.0 \quad \begin{array}{r} 3.6 \\ 7 \end{array} \quad \begin{array}{r} 4.2 \\ 9 \end{array} \quad \begin{array}{r} 3.5 \\ 11 \end{array} \quad \begin{array}{r} 4.4 \\ 33 \end{array}$$

$$\begin{array}{r} 3.1 \\ 33 \end{array} \quad \begin{array}{r} 4.1 \\ 24 \end{array} \quad \begin{array}{r} 5.2 \\ 12 \end{array} \quad \begin{array}{r} 6.2 \\ 10 \end{array} \quad \begin{array}{r} 6.7 \\ 6 \end{array} \quad 6.1 \quad \begin{array}{r} 6.4 \\ 6 \end{array} \quad \begin{array}{r} 6.9 \\ 9 \end{array} \quad \begin{array}{r} 7.2 \\ 33 \end{array}$$

$$\begin{array}{r} 3.8 \\ 33 \end{array} \quad \begin{array}{r} 5.1 \\ 12 \end{array} \quad \begin{array}{r} 6.1 \\ 9 \end{array} \quad 6.4 \quad \begin{array}{r} 7.1 \\ 6 \end{array} \quad \begin{array}{r} 7.6 \\ 10 \end{array} \quad \begin{array}{r} 7.7 \\ 33 \end{array}$$

11744

$$\begin{array}{r} 4.4 \\ 33 \end{array} \quad \begin{array}{r} 4.7 \\ 28 \end{array} \quad \begin{array}{r} 3.7 \\ 23 \end{array} \quad \begin{array}{r} 3.3 \\ 14 \end{array} \quad \begin{array}{r} 4.3 \\ 11 \end{array} \quad \begin{array}{r} 4.3 \\ 3 \end{array} \quad 4.9 \quad \begin{array}{r} 5.8 \\ 4 \end{array} \quad \begin{array}{r} 6.4 \\ 9 \end{array} \quad \begin{array}{r} 5.3 \\ 17 \end{array} \quad \begin{array}{r} 4.5 \\ 30 \end{array} \quad \begin{array}{r} 9.7 \\ 43 \end{array} \quad \begin{array}{r} 9.3 \\ 48 \end{array} \quad \begin{array}{r} 4.6 \\ 60 \end{array} \quad \begin{array}{r} 4.2 \\ 65 \end{array}$$

$$\begin{array}{r} 6.0 \\ 33 \end{array} \quad \begin{array}{r} 5.5 \\ 20 \end{array} \quad \begin{array}{r} 4.3 \\ 14 \end{array} \quad \begin{array}{r} 4.2 \\ 13 \end{array} \quad \begin{array}{r} 3.2 \\ 8 \end{array} \quad 3.3 \quad \begin{array}{r} 5.1 \\ 6 \end{array} \quad \begin{array}{r} 4.6 \\ 8 \end{array} \quad \begin{array}{r} 5.2 \\ 17 \end{array} \quad \begin{array}{r} 5.9 \\ 33 \end{array} \quad \begin{array}{r} 9.9 \\ 39 \end{array} \quad \begin{array}{r} 9.6 \\ 42 \end{array} \quad \begin{array}{r} 5.7 \\ 48 \end{array} \quad \begin{array}{r} 5.7 \\ 50 \end{array}$$

$$\begin{array}{r} 7.8 \\ 33 \end{array} \quad \begin{array}{r} 7.9 \\ 25 \end{array} \quad \begin{array}{r} 6.5 \\ 16 \end{array} \quad \begin{array}{r} 5.8 \\ 11 \end{array} \quad \begin{array}{r} 6.1 \\ 4 \end{array} \quad 6.5 \quad \begin{array}{r} 6.5 \\ 4 \end{array} \quad \begin{array}{r} 6.6 \\ 12 \end{array} \quad \begin{array}{r} 7.0 \\ 16 \end{array} \quad \begin{array}{r} 6.7 \\ 26 \end{array} \quad \begin{array}{r} 10.7 \\ 31 \end{array} \quad \begin{array}{r} 10.7 \\ 35 \end{array} \quad \begin{array}{r} 6.8 \\ 41 \end{array} \quad \begin{array}{r} 6.3 \\ 45 \end{array}$$

$$\begin{array}{r} 10.2 \\ 33 \end{array} \quad \begin{array}{r} 10.0 \\ 9 \end{array} \quad 10.0 \quad \begin{array}{r} 9.9 \\ 3 \end{array} \quad \begin{array}{r} 9.0 \\ 9 \end{array} \quad \begin{array}{r} 9.2 \\ 14 \end{array} \quad \begin{array}{r} 10.2 \\ 16 \end{array} \quad \begin{array}{r} 9.5 \\ 23 \end{array} \quad \begin{array}{r} 10.3 \\ 21 \end{array} \quad \begin{array}{r} 10.8 \\ 26 \end{array} \quad \begin{array}{r} 8.5 \\ 30 \end{array}$$

$$\begin{array}{r} 5.6 \\ 33 \end{array} \quad \begin{array}{r} 5.5 \\ 19 \end{array} \quad 5.0 \quad \begin{array}{r} 5.4 \\ 7 \end{array} \quad \begin{array}{r} 7.3 \\ 21 \end{array} \quad \begin{array}{r} 4.6 \\ 33 \end{array}$$

$$\begin{array}{r} 6.2 \\ 33 \end{array} \quad \begin{array}{r} 5.9 \\ 20 \end{array} \quad 6.0 \quad \begin{array}{r} 6.1 \\ 20 \end{array} \quad \begin{array}{r} 5.5 \\ 33 \end{array}$$

$$\begin{array}{r} 7.0 \\ 33 \end{array} \quad \begin{array}{r} 7.0 \\ 15 \end{array} \quad 7.0 \quad \begin{array}{r} 7.1 \\ 15 \end{array} \quad \begin{array}{r} 7.2 \\ 33 \end{array}$$

7.10 X DRAIN UNDER TRUCK

$$\begin{array}{r} 7.2 \\ 33 \end{array} \quad \begin{array}{r} 7.1 \\ 30 \end{array} \quad 6.9 \quad \begin{array}{r} 7.2 \\ 12 \end{array} \quad \begin{array}{r} 7.4 \\ 33 \end{array}$$

$$\begin{array}{r} 6.5 \\ 33 \end{array} \quad \begin{array}{r} 7.0 \\ 15 \end{array} \quad 7.0 \quad \begin{array}{r} 7.0 \\ 33 \end{array}$$

$$\begin{array}{r} 5.5 \\ 33 \end{array} \quad \begin{array}{r} 5.3 \\ 22 \end{array} \quad \begin{array}{r} 4.1 \\ 14 \end{array} \quad 4.4 \quad \begin{array}{r} 4.7 \\ 19 \end{array} \quad \begin{array}{r} 4.5 \\ 33 \end{array}$$

915.83

26+50

11.9

26+00

14.0

12.81 926.22 2.38 913.45

26+26

13.5

26+50

14.5

27+00

17.0

27+22

21.9

27+50

23.2

28+00

23.0

28+50

19.4

29+00

16.8

13.M.

3.50 922.74

29+50

16.6

30+00

19.8

31+00

18.2

$$\begin{array}{r} 3.8 \\ 33 \end{array} \quad \begin{array}{r} 4.0 \\ 14 \end{array} \quad 3.9 \quad \begin{array}{r} 4.0 \\ 15 \end{array} \quad \begin{array}{r} 3.3 \\ 33 \end{array}$$

$$\begin{array}{r} 2.6 \\ 33 \end{array} \quad \begin{array}{r} 3.0 \\ 19 \end{array} \quad 1.8 \quad \begin{array}{r} 0.8 \\ 17 \end{array} \quad \begin{array}{r} 0.9 \\ 33 \end{array}$$

$$\begin{array}{r} 12.6 \\ 33 \end{array} \quad \begin{array}{r} 12.4 \\ 11 \end{array} \quad 12.8 \quad \begin{array}{r} 12.3 \\ 12 \end{array} \quad \begin{array}{r} 9.8 \\ 27 \end{array} \quad \begin{array}{r} 9.5 \\ 33 \end{array}$$

$$\begin{array}{r} 12.0 \\ 33 \end{array} \quad \begin{array}{r} 11.7 \\ 18 \end{array} \quad 11.8 \quad \begin{array}{r} 11.7 \\ 12 \end{array} \quad \begin{array}{r} 12.1 \\ 21 \end{array} \quad \begin{array}{r} 11.6 \\ 33 \end{array}$$

$$\begin{array}{r} 9.2 \\ 33 \end{array} \quad \begin{array}{r} 9.2 \\ 24 \end{array} \quad \begin{array}{r} 9.7 \\ 18 \end{array} \quad \begin{array}{r} 9.6 \\ 9 \end{array} \quad 9.3 \quad \begin{array}{r} 8.4 \\ 7 \end{array} \quad \begin{array}{r} 7.7 \\ 17 \end{array} \quad \begin{array}{r} 6.2 \\ 25 \end{array} \quad \begin{array}{r} 6.3 \\ 33 \end{array}$$

$$\begin{array}{r} 7.4 \\ 33 \end{array} \quad \begin{array}{r} 7.4 \\ 27 \end{array} \quad \begin{array}{r} 7.5 \\ 21 \end{array} \quad \begin{array}{r} 6.6 \\ 11 \end{array} \quad 4.4 \quad \begin{array}{r} 4.8 \\ 12 \end{array} \quad \begin{array}{r} 4.9 \\ 25 \end{array} \quad \begin{array}{r} 5.1 \\ 33 \end{array}$$

$$\begin{array}{r} 1.8 \\ 33 \end{array} \quad \begin{array}{r} 2.7 \\ 11 \end{array} \quad 3.1 \quad \begin{array}{r} 3.7 \\ 16 \end{array} \quad \begin{array}{r} 4.2 \\ 33 \end{array}$$

$$\begin{array}{r} 1.2 \\ 33 \end{array} \quad \begin{array}{r} 2.1 \\ 18 \end{array} \quad 3.3 \quad \begin{array}{r} 4.4 \\ 19 \end{array} \quad \begin{array}{r} 5.3 \\ 33 \end{array}$$

$$\begin{array}{r} 3.2 \\ 33 \end{array} \quad \begin{array}{r} 4.2 \\ 24 \end{array} \quad \begin{array}{r} 5.7 \\ 10 \end{array} \quad 6.9 \quad \begin{array}{r} 9.0 \\ 16 \end{array} \quad \begin{array}{r} 9.8 \\ 29 \end{array} \quad \begin{array}{r} 10.0 \\ 33 \end{array}$$

$$\begin{array}{r} 6.2 \\ 33 \end{array} \quad \begin{array}{r} 8.3 \\ 14 \end{array} \quad 9.5 \quad \begin{array}{r} 10.1 \\ 10 \end{array} \quad \begin{array}{r} 10.3 \\ 22 \end{array} \quad \begin{array}{r} 10.5 \\ 33 \end{array}$$

$$\begin{array}{r} 7.1 \\ 33 \end{array} \quad \begin{array}{r} 7.2 \\ 19 \end{array} \quad \begin{array}{r} 9.8 \\ 9 \end{array} \quad 9.7 \quad \begin{array}{r} 8.6 \\ 21 \end{array} \quad \begin{array}{r} 4.0 \\ 33 \end{array}$$

$$\begin{array}{r} 7.7 \\ 33 \end{array} \quad \begin{array}{r} 8.0 \\ 20 \end{array} \quad \begin{array}{r} 7.5 \\ 10 \end{array} \quad 6.5 \quad \begin{array}{r} 6.2 \\ 5 \end{array} \quad \begin{array}{r} 6.5 \\ 9 \end{array} \quad \begin{array}{r} 5.7 \\ 22 \end{array} \quad \begin{array}{r} 4.9 \\ 33 \end{array}$$

$$\begin{array}{r} 10.8 \\ 33 \end{array} \quad \begin{array}{r} 10.5 \\ 20 \end{array} \quad \begin{array}{r} 9.5 \\ 8 \end{array} \quad 8.1 \quad \begin{array}{r} 8.9 \\ 11 \end{array} \quad \begin{array}{r} 8.3 \\ 33 \end{array}$$

926.26

+40

16.2

32 +00

16.4

1.83

910.78 ✓

7.31

912.95 ✓

+50

17.4

33 +00

15.4

34 +00

10.5

35 +00

10.5

3.54

911.73 ✓

12.59

908.19 ✓

36 +00

5.7

37 +00

08.9

+40

09.1

38 +00

05.8

+50

06.6

39 +00

05.6

+50

04.3

8.55 ✓

903.19 ✓

$$\frac{100}{33} \quad \frac{9.9}{21} \quad \frac{9.9}{6} \quad 10.1 \quad \frac{9.6}{12} \quad \frac{9.4}{33}$$

$$\frac{9.5}{33} \quad \frac{9.2}{20} \quad \frac{9.4}{11} \quad \frac{9.1}{9} \quad 9.9 \quad \frac{9.4}{8} \quad \frac{9.4}{20} \quad \frac{9.0}{33}$$

$$\frac{70}{33} \quad \frac{6.4}{27} \quad \frac{6.1}{9} \quad 5.4 \quad \frac{2.6}{15} \quad \frac{1.6}{33}$$

$$\frac{10.1}{33} \quad \frac{8.9}{19} \quad 5.4 \quad \frac{3.8}{15} \quad \frac{2.4}{33}$$

$$\frac{12.5}{33} \quad \frac{11.5}{15} \quad 10.3 \quad \frac{9.3}{19} \quad \frac{7.1}{33}$$

$$\frac{10.8}{33} \quad \frac{10.9}{20} \quad 10.3 \quad \frac{10.5}{15} \quad \frac{10.4}{33}$$

$$\frac{5.4}{33} \quad \frac{5.2}{24} \quad 6.0 \quad \frac{6.4}{23} \quad \frac{6.5}{33}$$

$$\frac{3.5}{33} \quad \frac{3.2}{20} \quad 2.8 \quad \frac{2.7}{12} \quad \frac{2.9}{33}$$

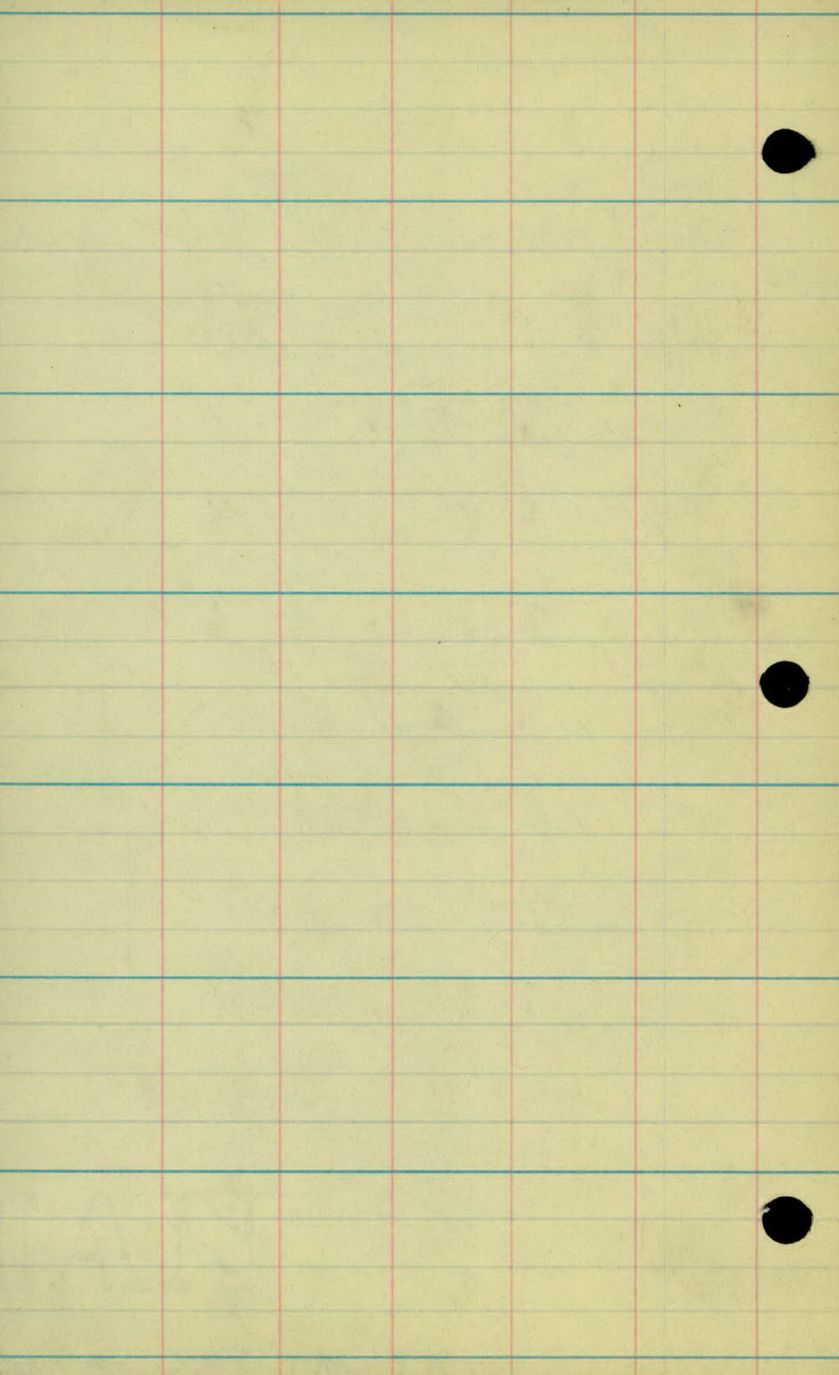
$$\frac{3.4}{33} \quad \frac{3.5}{14} \quad 2.4 \quad \frac{3.0}{20} \quad \frac{2.9}{33}$$

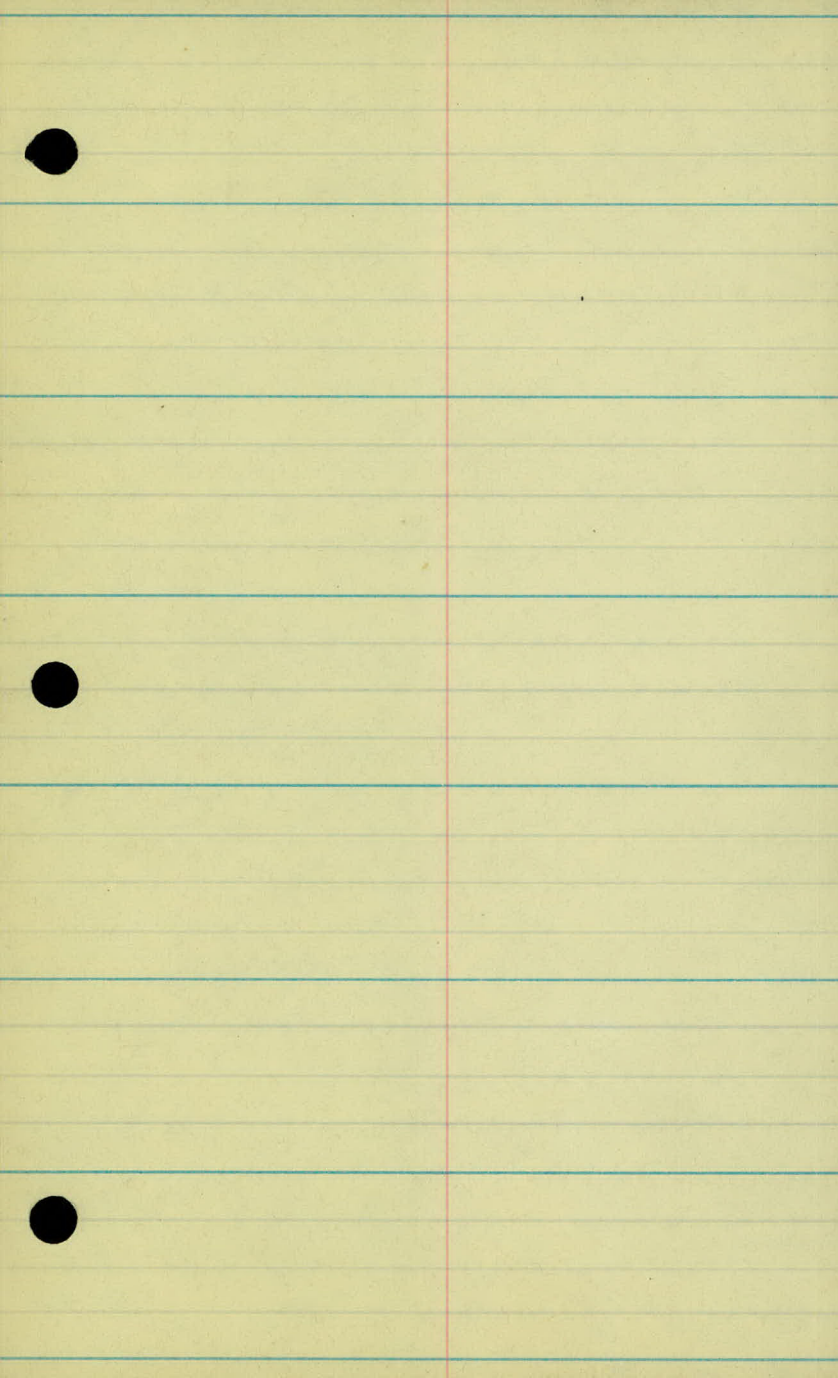
$$\frac{5.3}{33} \quad \frac{5.9}{9} \quad 5.9 \quad \frac{6.8}{10} \quad \frac{8.1}{33}$$

$$\frac{1.4}{33} \quad \frac{3.9}{15} \quad 5.1 \quad \frac{7.4}{10} \quad \frac{9.0}{27} \quad \frac{9.2}{33}$$

$$\frac{4.4}{33} \quad \frac{5.1}{16} \quad 6.1 \quad \frac{8.1}{14} \quad \frac{7.6}{33}$$

$$\frac{11.4}{33} \quad \frac{11.1}{28} \quad \frac{9.1}{10} \quad 7.4 \quad \frac{7.5}{14} \quad \frac{7.9}{21} \quad \frac{8.0}{33}$$





6.55 709.55 ✓

903.18

40+00

900.3

+50

899.3

41+00

99.9

+50

01.5

42+00

03.5

+50

03.6

43+00

03.6

+50

00.1

44+00

98.1 ✓

B.M.

5.69 905.50

9.72 899.81 ✓

+50

97.6

45+00

98.2

+50

98.8

46+00

97.0

10.2 7.8 5.9 9.8 9.8 7.8 6.8
33 14 9.2 11 14 14 30 33

11.2 11.3 9.0 7.5
33 23 10.2 19 33

11.5 10.5 8.3 6.6 5.4
33 19 9.6 14 29 33

9.2 8.6 7.8 6.0 2.2
33 11 8.0 7 13 33

6.0 6.1 4.7 3.1
33 15 6.0 14 33

4.6 5.2 5.7 4.7 3.6
33 17 5.9 10 15 33

7.2 6.5 5.1 5.6
33 15 5.9 10 33

9.8 9.7 9.5 9.1 9.7 9.8
33 28 16 9.4 15 27 33

11.6 11.5 10.6 10.9
33 15 11.4 22 33

7.8 5.4 7.5 7.1
33 20 7.9 17 33

7.7 7.7 6.0 5.5
33 20 7.5 20 33

7.4 7.3 6.2 5.5
33 19 6.7 18 33

8.4 8.7 8.1 7.9
33 14 8.5 20 33

905.50

47+00

95.2

48+00

95.1

49+00

94.8

50+00

96.3

+50

98.0

51+00

12.37 915.87 2.00 905.50 ✓

51+00

01.0

+50

07.5

52+00

10.1

+50

11.8

53+00

11.9

+50

10.3

54+00

08.1

$$\frac{10.0}{33} \quad \frac{10.4}{19} \quad 10.3 \quad \frac{10.0}{21} \quad \frac{9.8}{33}$$

$$\frac{10.3}{33} \quad \frac{10.5}{20} \quad 10.4 \quad \frac{10.5}{23} \quad \frac{10.1}{33}$$

$$\frac{10.3}{33} \quad \frac{10.2}{14} \quad 10.7 \quad \frac{10.1}{23} \quad \frac{9.8}{33}$$

$$\frac{9.5}{33} \quad \frac{9.4}{17} \quad 9.2 \quad \frac{8.4}{21} \quad \frac{8.0}{33}$$

$$\frac{7.8}{33} \quad \frac{7.6}{15} \quad 7.5 \quad \frac{6.7}{15} \quad \frac{6.3}{33}$$

$$\frac{16.5}{33} \quad \frac{15.6}{17} \quad 14.9 \quad \frac{14.0}{12} \quad \frac{11.5}{20} \quad \frac{9.6}{33}$$

$$\frac{14.2}{33} \quad \frac{11.0}{19} \quad 8.4 \quad \frac{5.4}{12} \quad \frac{5.8}{33}$$

$$\frac{11.6}{33} \quad \frac{8.0}{15} \quad 5.8 \quad \frac{5.5}{13} \quad \frac{3.8}{33}$$

$$\frac{10.9}{33} \quad \frac{10.1}{30} \quad \frac{5.9}{14} \quad 4.1 \quad \frac{2.7}{13} \quad \frac{1.6}{33}$$

$$\frac{10.2}{33} \quad \frac{7.4}{23} \quad \frac{4.7}{9} \quad 4.0 \quad \frac{2.6}{19} \quad \frac{1.9}{33}$$

$$\frac{10.0}{33} \quad \frac{8.3}{24} \quad \frac{6.6}{12} \quad 5.6 \quad \frac{4.4}{13} \quad \frac{3.0}{24} \quad \frac{2.7}{33}$$

$$\frac{11.4}{33} \quad \frac{9.3}{15} \quad 7.8 \quad \frac{6.2}{15} \quad \frac{4.8}{29} \quad \frac{4.6}{33}$$

915.87

+50

05.5

55 +00

08.1

5.71

+40

10.6

+47

08.6

+61

S.L.

12.9

+64⁸

EDGE OF PAVE.

12.74

+65⁸

BOTTOM OF CURB.

12.52

+78³

12.69

✓
5.72 · 910.15

$\frac{12.0}{33}$	$\frac{11.1}{11}$	10.4	$\frac{9.6}{18}$	$\frac{8.6}{33}$					3.58
									2.57
									99

$\frac{7.2}{33}$	$\frac{7.8}{13}$	7.8	$\frac{8.4}{19}$	$\frac{8.7}{33}$					1.62
									79
									63

$\frac{7.8}{33}$	$\frac{6.0}{13}$	5.3	$\frac{5.5}{19}$	$\frac{5.9}{33}$					3.58
									1.65
									1.93

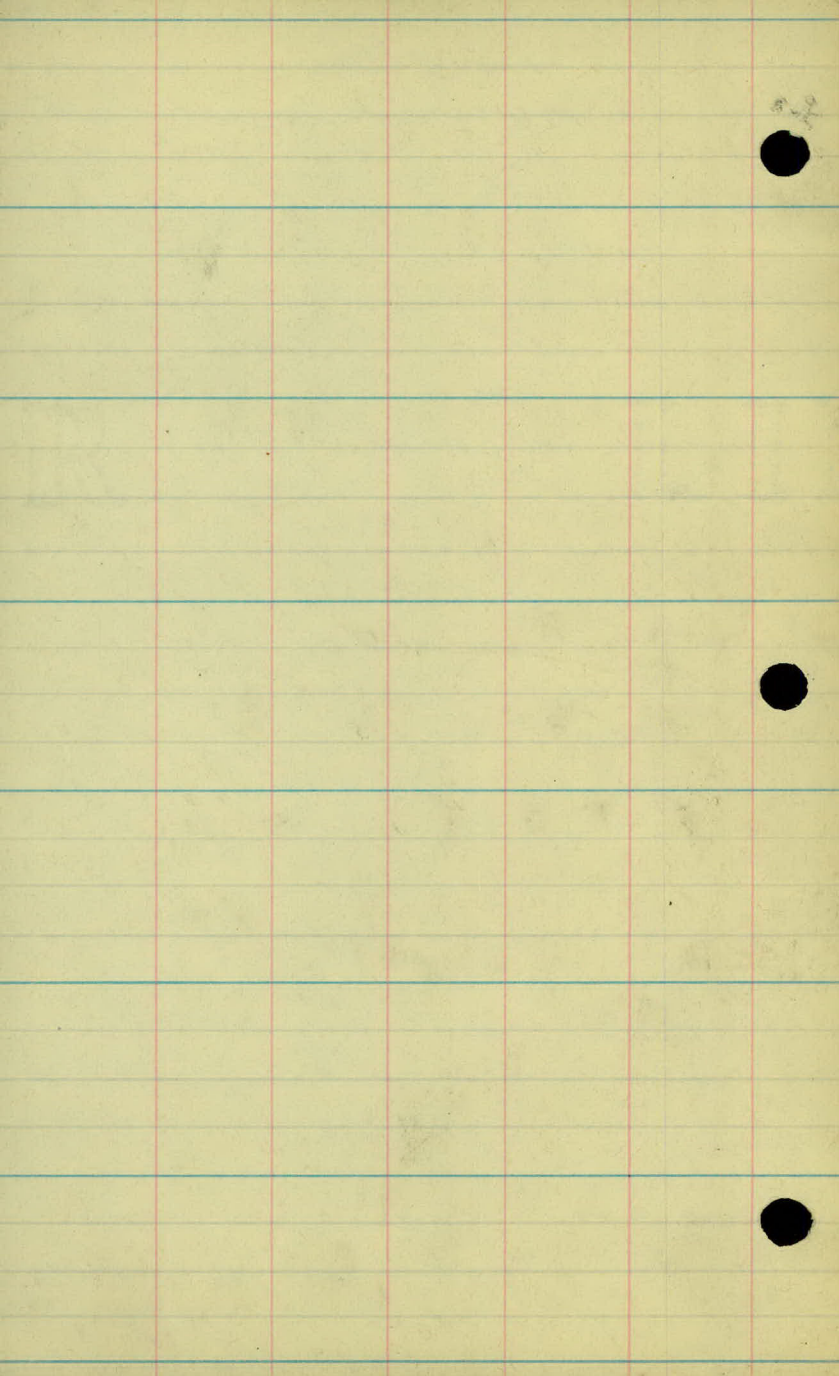
$\frac{9.2}{33}$	$\frac{7.6}{15}$	7.3	$\frac{6.9}{17}$	$\frac{6.6}{33}$					
------------------	------------------	-----	------------------	------------------	--	--	--	--	--

$\frac{3.5}{33}$	3.0			$\frac{2.7}{33}$					
------------------	-----	--	--	------------------	--	--	--	--	--

$\frac{3.47}{33}$		3.13		$\frac{2.70}{33}$					
-------------------	--	------	--	-------------------	--	--	--	--	--

$\frac{3.71}{33}$		3.95		$\frac{2.94}{33}$					
-------------------	--	------	--	-------------------	--	--	--	--	--

$\frac{4.55}{200}$	$\frac{4.45}{150}$	$\frac{4.18}{100}$	$\frac{3.75}{50}$	3.18	$\frac{2.45}{50}$	$\frac{1.62}{100}$	$\frac{0.63}{150}$	$\frac{+0.31}{200}$	
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CHECK LEVELS.

~~B.M's~~

13. M.	3.92	956.00		952.08
13. M	8.21	958.75	5.44	950.54
	1.69	946.94	13.52	945.23
	0.57	933.37	13.72	933.20
13. M	2.64	925.94	10.15	923.32
	3.39	916.20	13.15	912.21
13. M			4.43	911.77
	10.97	926.27	0.90	915.30
13. M.			3.51	922.76
	3.24	919.94	9.59	916.68
	1.42	911.55	9.81	910.19
13. M.	2.27	902.07	11.75	899.80
	12.16	912.67	1.56	900.51
13. M			2.55	910.12

NAIL IN T.P. 30 LT. STA. 21+85.

200 RT. 5717 0+30

SPK IN P.P. 40 RT. STA. 5+30

SPK IN 50" DRK 40 RT. STA. 13+70.

SPK IN T.P. 50 LT. STA. 23+90

SPK IN STUMP 50 RT. STA. 29+45.

SPK IN T.P. RT. STA. 44+15.

SPK IN T.P. 40 LT. STA. 55+40

952.08	733.20	919.94
3.92	0.57	9.81
956.00	733.57	910.13
5.46	10.25	1.92
950.54	733.32	911.55
5.21	2.64	11.75
955.75	925.96	899.80
13.52	13.15	2.27
945.23	712.81	902.07
1.69	3.37	11.56
946.92	716.20	900.51
13.74	10.90	12.16
933.00	715.30	913.67
	10.97	12.55
926.87	716.87	919.12
7.59	7.59	
916.68	916.68	
9.26	9.26	
919.94	919.94	

