

Book #35 Dr #8

X

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.
MAINTENANCE Survey

LARPENTEUR AVE. (N. SIDE)

From Snelling Ave. To Hamline Ave.

Road Acc't. No. 14

Date Filed 11-8-29

File Maintenance

No. 51 de

LARVENTUER AVE.

ROAD / C # 14

X SECTIONS ON THE LEFT
FROM SNELLING AVE TO HAMLINE.

Main & Survey
DRAINAGE

B.M. 5.34 960.88 75554
0+00 MONT, LAMP. & SNELLING.

0+20

0+26

0+50

1+00

1+50

2+00

2+50

2+74 BED OF SPRING 19' LT. 7.50 51.38

3+00

3+00 END OF SPRING 7.95 50.93

3+50

4+00 4.08 956.68 2.28 752.60

4+00

4+50

5+00

SPK IN T.P. S.E. COR. LAMP & SNELL,
 $\frac{4.10}{33}$ 56.5
 4.36

$\frac{4.7}{50}$ $\frac{4.29}{35}$ $\frac{4.26}{27}$ 56.4
 4.49

$\frac{5.8}{50}$ $\frac{5.0}{32}$ $\frac{4.5}{28}$ $\frac{4.42}{20}$ $\frac{4.51}{10}$ 56.3
 4.59

$\frac{55.2}{5.4}$ $\frac{5.7}{33}$ $\frac{5.0}{19}$ $\frac{4.91}{16}$ 56.0
 $\frac{4.87}{10}$

$\frac{53.9}{6.3}$ $\frac{7.0}{33}$ $\frac{6.6}{23}$ $\frac{6.0}{18}$ $\frac{5.52}{16}$ 55.4
 $\frac{5.46}{10}$

$\frac{53.3}{6.8}$ $\frac{7.6}{33}$ $\frac{7.5}{27}$ $\frac{6.5}{24}$ $\frac{6.15}{18}$ 54.8
 $\frac{6.09}{15}$

$\frac{52.5}{7.4}$ $\frac{7.4}{33}$ $\frac{8.4}{27}$ $\frac{7.2}{21}$ $\frac{6.75}{15}$ 54.3
 $\frac{6.64}{10}$

$\frac{52.0}{8.1}$ $\frac{8.1}{33}$ $\frac{8.7}{28}$ $\frac{8.9}{23}$ $\frac{7.7}{19}$ 53.7
 $\frac{7.33}{15}$

$\frac{51.3}{8.8}$ $\frac{8.8}{33}$ $\frac{9.6}{22}$ $\frac{8.3}{19}$ $\frac{7.86}{15}$ 53.1
 $\frac{7.77}{10}$ 12" x 26 C.M.

$\frac{50.9}{9.4}$ $\frac{9.4}{50}$ $\frac{10.0}{24}$ $\frac{9.8}{21}$ $\frac{8.8}{18}$ 52.7
 $\frac{8.20}{15}$

$\frac{50.9}{5.4}$ $\frac{5.4}{33}$ $\frac{5.8}{26}$ $\frac{5.8}{23}$ $\frac{4.7}{18}$ 52.5
 $\frac{4.31}{14}$

$\frac{50.5}{5.2}$ $\frac{5.6}{33}$ $\frac{6.2}{24}$ $\frac{6.1}{22}$ $\frac{5.0}{19}$ 52.2
 $\frac{4.60}{16}$

$\frac{50.4}{4.4}$ $\frac{5.6}{33}$ $\frac{6.3}{21}$ $\frac{6.3}{22}$ $\frac{5.3}{19}$ 51.9
 $\frac{4.75}{15}$

956.68

5+50

6+00

6+50

7+00

7+50

8+00

8+50

9+00

9+50

10+00

10+50

4.70

955.94

5.44

951.24

11+00

11+50

$\begin{array}{r} 50.3 \\ 5.7 \ 5.8 \ 6.4 \ 6.3 \ 5.1 \ 4.96 \\ 33 \ 23 \ 20 \ 18 \ 15 \ 10 \end{array} \quad 51.8$

$\begin{array}{r} 50.0 \\ 6.3 \ 6.7 \ 5.2 \ 5.05 \\ 33 \ 21 \ 16 \ 10 \end{array} \quad 51.7$

$\begin{array}{r} 49.7 \\ 6.6 \ 6.6 \ 7.0 \ 6.8 \ 5.6 \ 5.09 \\ 33 \ 24 \ 22 \ 19 \ 15 \ 10 \end{array} \quad 51.7$

$\begin{array}{r} 49.6 \\ 6.3 \ 6.6 \ 7.0 \ 7.1 \ 5.4 \ 5.10 \\ 33 \ 24 \ 22 \ 19 \ 14 \ 10 \end{array} \quad 51.6$

$\begin{array}{r} 49.6 \\ 5.4 \ 6.7 \ 7.1 \ 5.4 \ 5.15 \\ 33 \ 23 \ 19 \ 14 \ 10 \end{array} \quad 51.6$

$\begin{array}{r} 50.3 \\ 4.9 \ 5.7 \ 6.4 \ 6.4 \ 5.5 \ 5.20 \\ 33 \ 27 \ 21 \ 18 \ 14 \ 10 \end{array} \quad 51.6$

$\begin{array}{r} 50.0 \\ 5.3 \ 4.9 \ 6.7 \ 5.3 \ 5.21 \\ 33 \ 24 \ 19 \ 14 \ 10 \end{array} \quad 51.5$

$\begin{array}{r} 50.2 \\ 5.6 \ 5.8 \ 6.5 \ 6.4 \ 5.5 \ 5.31 \\ 33 \ 25 \ 22 \ 17 \ 14 \ 10 \end{array} \quad 51.5$

$\begin{array}{r} 50.3 \\ 5.6 \ 5.5 \ 6.4 \ 6.0 \ 5.38 \\ 15 \ 24 \ 20 \ 15 \ 10 \end{array} \quad 51.4$

$\begin{array}{r} 50.7 \\ 5.5 \ 6.0 \ 6.0 \ 5.5 \ 5.44 \\ 33 \ 21 \ 17 \ 15 \ 10 \end{array} \quad 51.4$

$\begin{array}{r} 50.2 \\ 5.5 \ 5.9 \ 6.4 \ 6.4 \ 5.6 \ 5.45 \\ 33 \ 24 \ 21 \ 18 \ 16 \ 10 \end{array} \quad 51.3$

$\begin{array}{r} 50.2 \\ 4.8 \ 5.2 \ 5.7 \ 5.30 \ 4.72 \\ 33 \ 24 \ 21 \ 17 \ 10 \end{array} \quad 51.2$

$\begin{array}{r} 50.1 \\ 5.2 \ 5.5 \ 5.8 \ 5.1 \ 4.80 \\ 33 \ 23 \ 19 \ 17 \ 10 \end{array} \quad 51.2$

955.74

12+00

12+50

13+00

13.41 4.60 955.91 4.60 951.34 951.31

13+50

14+00

14+50

15+00

15+50

16+00

16+50

17+00

2.88 952.22 0.57 949.34

17+50

17+72 REC OF S. DRAIN 28' L. 5.60 46.62

18+02 END OF S. DRAIN 15' L. 6.00 46.22

49.9
5.1 5.3 6.0 5.1 4.87
 33 25 20 14 10 4.78 51.1

49.9
5.4 5.5 6.0 5.1 4.90
 33 23 20 14 10 4.84 51.1

49.6
5.7 5.8 6.3 5.2 4.96
 33 24 21 14 10 4.91 51.0

49.7
 SPX IN T.P. LT 37R 13+40
5.6 5.9 6.2 5.2 5.0
 33 23 20 16 10 4.94 51.0

49.5
5.3 5.3 5.9 6.4 6.4 5.7 5.2 5.06
 33 25 22 21 19 18 15 10 4.94 51.0

49.2
4.5 4.5 5.7 6.7 5.9 5.3 5.10
 33 25 22 21 19 18 16 10 5.00 50.9

48.8
4.4 4.4 5.8 7.1 7.1 5.7 5.16
 33 26 22 21 19 18 10 5.06 50.8

48.6
4.3 4.3 5.6 7.3 7.3 5.5 5.29
 33 25 22 21 19 18 10 5.23 50.7

48.3
4.3 4.3 5.4 7.6 7.6 6.1 5.50
 33 25 22 21 19 18 10 5.43 50.5

49.1 5.8
4.8 4.8 5.7 6.8 6.8 5.83
 33 25 22 21 19 10 5.73 50.2

49.7
5.7 5.7 6.4 6.2 6.2 6.9 6.32
 33 26 22 21 19 18 10 6.30 49.6

49.4
3.1 3.5 4.8 4.8 3.8 3.2 3.20
 33 24 21 19 18 15 10 3.12 49.1

15" X 30" C.M.

952.22

18+00

18+50

19+00

19+50

19+93

19+93 ~~BEG. S. DRAIN~~ 20^E L. 7.50 44.72

20+23 END OF S. DRAIN 7.80 44.42

20+00 ON ROAD.

20+50

20+50

21+00

21+50

22+00

4.52 750.92 5.82 746.40

22+10 BEG. OF S. DRAIN 11' LT. 6.90 44.02

22+30 END OF S. DRAIN 6.95 43.97

46.5

3.8 4.2 5.7 5.7 4.2 3.6 3.75
33 27 25 24 23 20 10 5.65

48.5

46.3

5.4 6.5 7.4 7.8 8.2 7.3 6.3 5.2 4.5 5.3 5.9 5.9 5.2 4.3 4.25
400 350 300 250 200 150 100 60 26 23 22 21 19 13 10 4.15

45.6

6.1 7.4 8.1 8.7 7.1 8.7 7.4 5.7 5.1 6.6 6.6 5.8 4.2 4.69 47.6
400 350 300 250 200 150 100 50 29 21 19 18 15 10 4.59

45.4

6.6 7.9 8.7 9.0 9.5 9.1 8.4 6.7 6.0 6.8 6.8 6.3 5.3 5.01 47.3
400 350 300 250 200 150 100 50 23 21 19 18 15 10 4.91

44.8

7.2 8.3 8.6 9.2 9.7 9.4 8.9 7.9 6.9 7.4 5.8 5.22 47.1
400 350 300 250 200 150 100 50 22 20 16 10 5.12

15" x 30" C.M.I.

45.5

5.9 6.8 7.4 8.3 7.4 7.5 7.2 6.7 5.35 47.0
400 350 300 250 200 150 100 50 10 5.15

44.4

7.6 9.0 9.5 9.9 9.8 9.4 9.1 7.8 7.7 7.8 5.6 5.29 47.0
400 350 300 250 200 150 100 50 35 20 15 10 5.20

44.2

8.6 9.8 9.0 8.6 8.1 7.2 6.0 8.0 5.4 5.38 46.9
300 250 200 150 100 50 25 21 15 10 5.34

44.2

8.4 8.3 8.3 8.1 7.9 6.9 6.7 8.0 5.6 5.52 46.7
300 250 200 150 100 50 23 19 16 10 5.47

44.2

46.6

7.3 6.8 6.1 8.0 5.9 5.6 5.65
100 50 23 21 15 14 10 5.60

44.2

46.5

6.3 5.1 8.0 5.9 5.75
33 23 20 15 10 5.69

15" x 20" C.M.I.

950.92

22+50

22+71 BEG OF S. DRAIN 19' L. 6.70 44.22

22+87 END OF S. DRAIN 6.70 44.02

23+00

23+50

24+00

24+50

B.M. 4.74 750.00 5.66 745.26 745.25

24+52 BEG S. DRAIN 21' L. 6.30 43.70

24+72 END OF S. DRAIN 6.35 43.65

25+00

25+50

26+00

26+28 BEG OF S. DRAIN 20' L. 6.40 43.60

26+81 END OF S. DRAIN 7.90 42.10

26+61² MONT HAMLINE AVE

27+00

27+50

28+00

B.M. 4.74 745.22 945.35

44.2

50	47	53	67	67	48	465	
33	25	23	22	20	16	10	4.57

46.3

12" X 16 C.M.

44.2

50	45	55	67	67	49	475	
33	26	22	21	20	17	10	4.69

46.2

44.5

52	46	54	64	63	51	489	
33	26	23	22	20	18	10	4.78

46.1

44.3

58	53	57	66	66	47	495	
33	24	23	22	20	16	10	4.90

46.0

43.9

61	57	70	70	51	515	
33	25	22	20	16	10	5.09

45.8

15" X 20 C.M.

43.7

54	48	51	63	63	58	46	4.35
33	28	23	21	19	18	14	10

45.7

43.7

55	52	63	63	53	4.44	
33	25	22	19	17	10	4.40

45.6

43.8

52	48	62	61	53	4.59	
33	27	22	19	17	10	4.55

45.4

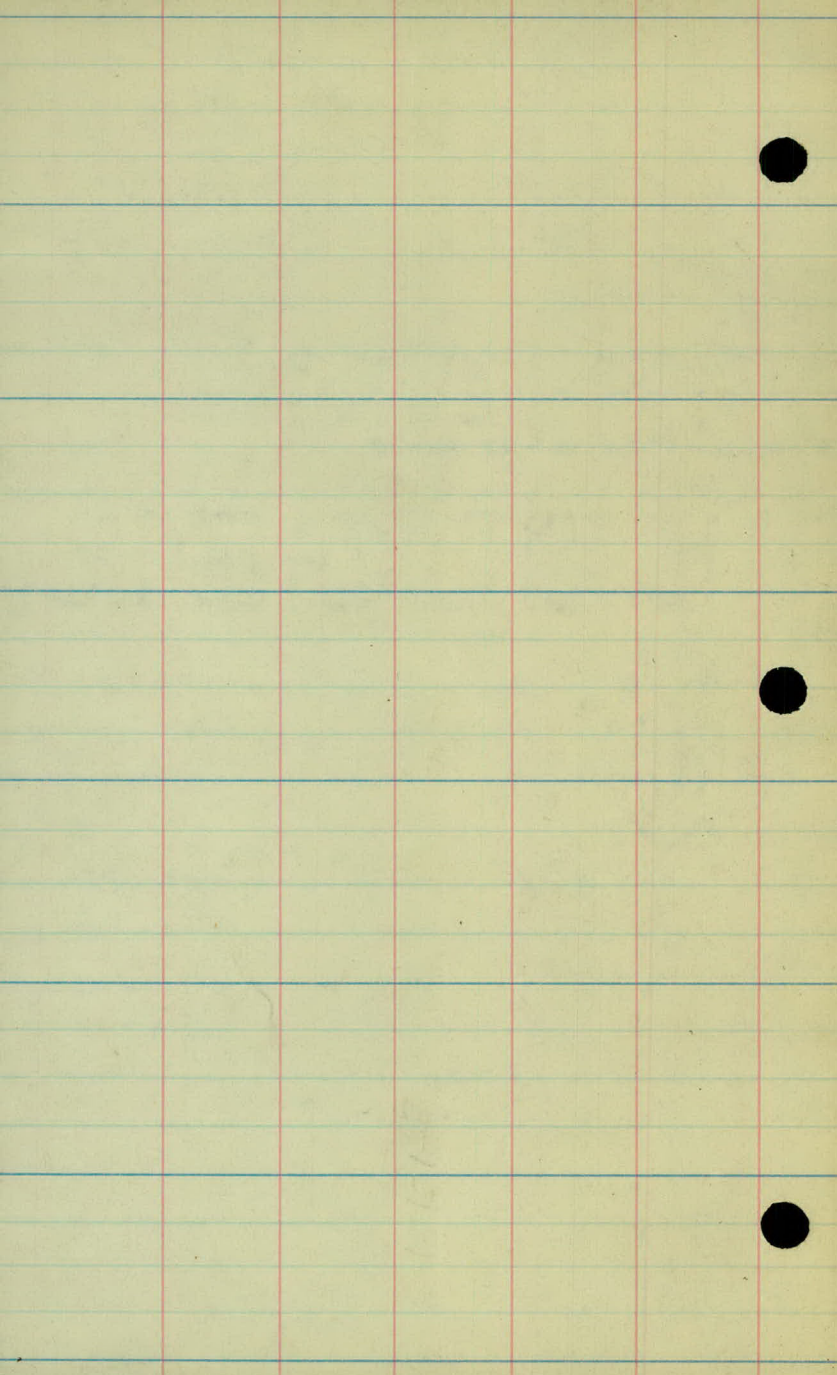
15" X 50 C.M.

4.7	4.91	
33	10	4.74

45.3

IN DITCH.	{	7.9	42.1
		10.3	39.7
		12.3	37.7
		19	

CENTER OF MONT. INT. LAND & HAMLINE.



LARPENTUER AVE

ROAD 7/CH 50

CHECK LEVELS FROM HAMLINE
TO SNELLING AVE.

B.M.	5.83	951.08		945.25
	8.53	955.41	4.20	946.88
B.M.	5.04	956.35	4.10	951.31
	8.02	959.64	4.73	951.62
	5.12	960.88	3.88	955.76
B.M.			3.34	955.54

7-29-89

TOP OF MONT. INT. LAARPENTEUR & HANLINE AVE.

SPX IN T.P. LT STA. 13+40.

SPX IN T.P. S.E. COR. INT. LAARP. & SNELLING AVE.

