

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Road Map Survey

MINNEHAHA ST.

From East Ave. To E. County Line

Road Acc't. No. 69

Date Filed 1-31-28 File

1-31-28

≡ ALIGNMENT ≡

PROGRESSIVE SURVEY

MINNEHAHA ST.

ROAD NO 69

FROM EAST AVE. TO EAST COUNTY LINE.

Received 1-31-28
C. W. Van Dusen

Sta. Pt. ΔL ΔR .

APPROX.

26+22.65 MONT. $0^{\circ}29'30''$

4+40.78 P.O.T.

0+00 MONT. (FLUSH WITH PAVEMENT)

1-18-28 FAIR AND WARM
1-19-28 COLD AND WINDY

(2)
A.W.L.
A.G.P.
D.N.S.
A.M.

HOLE IN PAVEMENT

45.20' @ 12" OAK

52.85'

@ 8" OAK

HOLE IN PAVEMENT

61.15' @ T.P.

52.15'

@ P.P.

SECTION

LINE

89°52'

28.60' @ P.P.

58.70'

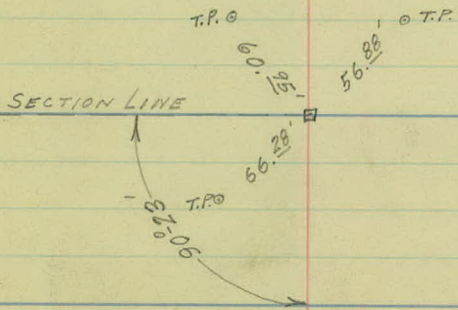
@ T.P.

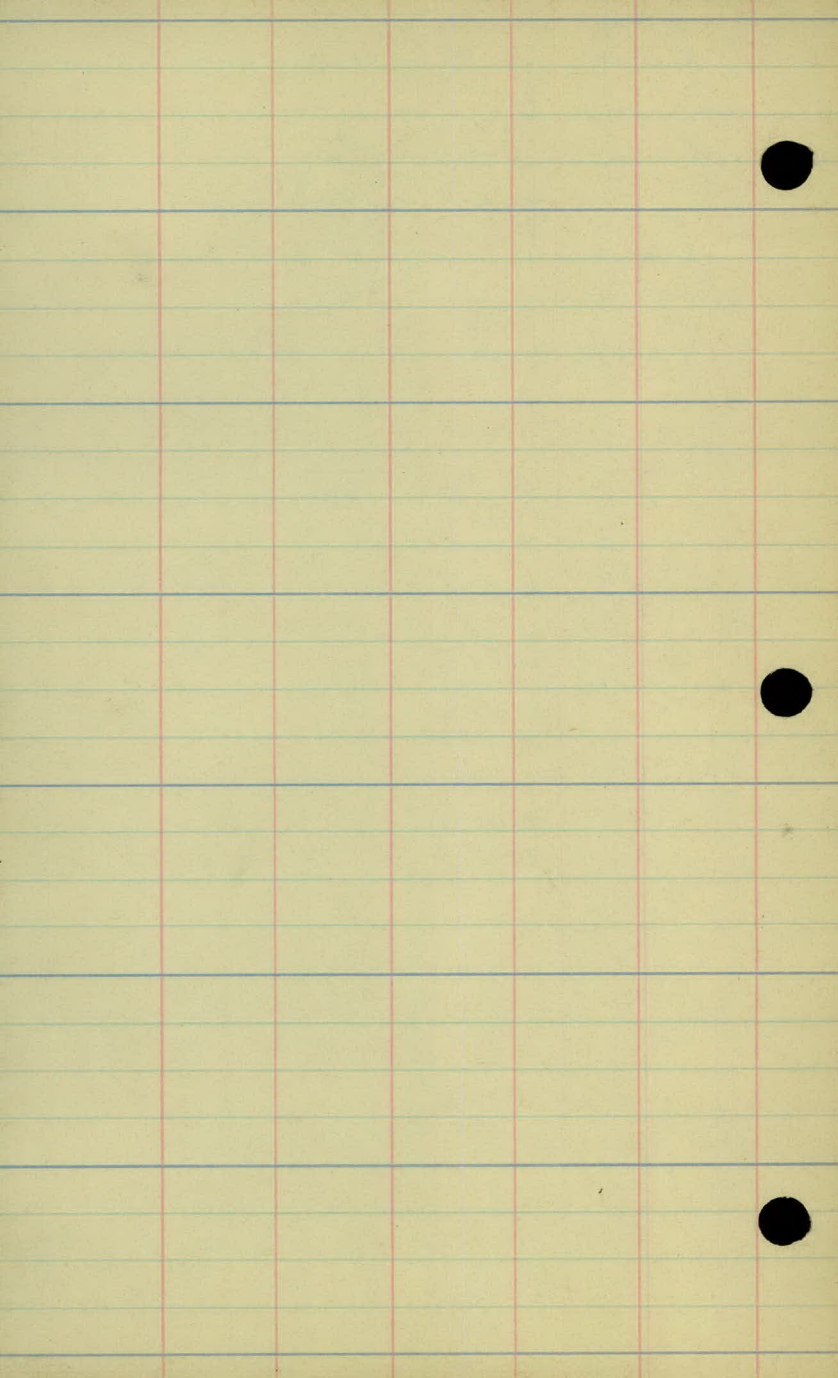
+03.5 - 39°16'

STA. PT. Δ L.T. Δ R.T.

52+57.68 MONT. (DOWN 6")

1-20-28 VERY GOOD & WINDY





TOPOGRAPHY
PROGRESSIVE SURVEY

MINNEHABA ST.

ROAD No 69

FROM EAST AVE. TO EAST COUNTY LINE

5+00

4+00

3+00

2+00

1+00

USE EAST AVE NOTES FOR PAVEMENT INTERSECTION
ICE AND SNOW MAKE IT IMPOSSIBLE TO GET
MEASUREMENTS OF INTERSECTION.

0+00

6700
1-19-28 GOLD AND WINDY

(5)

✓ +00 T.P. 21

LIGHT +23 L.P. 22

+99 T.P. 22 ✓

✓ +64 T.P. 21

+94 P.P. 23 ✓

+50 T.P. 23 ✓

F.L. 22 ✓

+65 P.P. 23 ✓

+31 T.P. 23 ✓

F.L. 23 ✓

✓ +13 T.P. 22

✓ +41 END G.P. 15

✓ +33 " 15.5

✓ +93 G.R. 13.5

✓ +85 G.R. 14.5

✓ +77 G.R. 17

✓ 2x2' +70 CONC. P.P. 26

✓ +77 RD. SGN 22

✓ +84 STOPS 13.5

✓ +88 T.P. 22

+35 END SGN 32

+35 P.P. 22

+18 T.P. 22

+84 BEG. SGN 32

+60 P.C. 21

+30 P.P. 21

+19 RD. SGN 27

+14 C.B. 32.5

PAVE 10.2

11+00

10+00

9+00

+45 E DRIVE LT.

8+00

7+00

6+00

12+00

PAVE 10.5 (6)

+74 P.P. 23 ✓

PAVE 10.3

+89 & T.P. 22

✓ +70 T.P. 21

LIGHT +92 (L.P. 92) 22 ✓

PAVE 9.8

PAVE 10.3

✓ +27 T.P. 21

+41 T.P. 22 ✓

+12 P.P. 22 ✓

✓ +45 DRIVE

✓ +85 T.P. 21

+91 T.P. 22 ✓

+80 P.P. 22 ✓

F.L. 22 ✓

✓ +42 T.P. 21

+54 T.P. 22 ✓

+45 T.P. 22 ✓

F.L. 22 ✓

17+00

+60 ~~4~~ DRIVE LT.

16+00

15+00

14+00

13+00

12+00

18+00

(7)

✓ +43 X.F. 20 ✓

✓ +40 F.L. 33



✓ +60 DRIVE

✓ +94 P.P. 24

✓ +82 X.F. 34

✓ +78 T.P. 21

✓ F.L. +49 T.P. 20

✓ +43 F.L. 58

+00 F.L. 29

✓ +00 F.C. 21

✓ +12 TR. 25

+02 TR. F.L. 33

✓ +95 TR. F.L. 31

✓ +80 TR. 26

✓ +65 TR. 32

LIGHT +62 L.P. #3 34

✓ +57 2TR. 29

✓ +31 T.P. 21

✓ +30 2TR. F.L. 33

✓ +04 TR. F.L. 29

✓ +00 TR. F.L. 29

✓ +02 T.P. 19

✓ +00 F.L. 19

✓ +59 TR. F.L. 30

✓ +38 TR. F.L. 29

✓ +32 P.P. 34

+97 TR. 27

✓ +81 T.P. 21

✓ +50 2TR. 26

✓ +22 2TR. 19

✓ +04 P.P. 33

PAVE 10.5

✓ F.L. 20'

✓ +58 T.P. 20

BEG. FENCE

✓ +34 T.P. 21

✓ +11 T.P. 19

23+00

22+00

21+00

+94 24" PE 50' LG.

20+00

+40 E DRIVE TO LT.

19+00

18+00

24+00

(8)

✓ +81 TR. FL. 20

✓ +42 P.P. 23

+27 T.P. 20 ✓

FL. 19' ✓

✓ FL. 19

✓ +00 FL. 32
✓ +12 P.P. 28
✓ +09 TRE 26

✓ +97 T.P. 19

FL. 19 ✓

FL. 31 ✓

888 HEND 94 24" P. 24.5 ✓

✓ 888 HEND 94 24" P. 25.5
✓ +82 P.P. 23
L.P. 26

✓ +65 T.P. 19

✓ +30 CH. TREES

✓ FL. 18'

FL. 31 ✓

✓ +40 DRIVE
✓ +31 T.P. 19

✓ +52 P.P. 24

✓ FL. 19

✓ +97 TR. FL. 36
BEG. TREES

✓ BEG. +32 XF. 20'

✓ +00 T.P. 19'

✓ +39 TR. FL. 32
✓ +21 P.P. 24

29+00

710 E DRIVE TO LT.

28+00

27+00

26+00

25+00

24+00

30700

F.L. 32
+95 P.P. 23

(9)

IRON FENCE

✓ F.L. 22.4

F.L. 24

✓ +73 T.P. 21

+64 P.P. 23

C. METERY

15' +106 DRIVE
✓ F.L. 32.4+36 TR. FL 32
+30 " " 32
+20 TREE 30
F.L. 32

IRON FENCE

✓ +25 T.P. 21

+34 P.P. 23
+25 TREE 20

✓ F.L. 32.4

F.L. 33

✓ +90 GATE

+56 TR. FL 32
+55 TR 29

UNION

Tr. ✓ +22 IRON F.C. 32.4
✓ +21 F.C. 36 F.C.
F.L. 29
✓ +95 T.P. 20+05 P.P. 23
+20 XF 32
F.L. 28

Woods

+52 F.L. 20

✓ F.L. 24

F.L. 19

✓ +68 F.L. 24
✓ +68 T.P. 20

+72 P.P. 23

✓ F.L. 20

F.L. 20

35+00

+07 & DRIVE TO RT.

34+00

33+00

32+00

+24 & DRIVE TO LT.

31+00

30+00

36+00

F.L. 22 ✓
(10)

+62 T.P. 19 ✓

F.L. 33 ✓

+24 T.P. 19 ✓

+07 F.E. ✓
F.L. 28 ✓
+91 T.C.F.L. 26 ✓

+68 T.R.L. 37 ✓

+20 T.R. 23 ✓
F.L. 32 ✓

IRON +85 T.P. 21 ✓
+83 END FENCE 32.8 ✓

IRON FENCE

+00 T.R.F.L. 32 ✓

IRON
CEMETERY

+49 T.P. 20 ✓
+38 F.C. 32.4 ✓
+35 F.P. 37.3 ✓
+24 DRIVE ✓
+15 F.P. 37.3 ✓
+11 F.C. 33 ✓

F.L. 31 ✓

+56 T.R.F.L. 29 ✓

+13 T.P. 21 ✓
F.L. 32.8 ✓

F.L. 32 ✓

+19 24" P₃, 46' Lg. ✓

41+00

40+00

39+00

38+00

37+00

+49 24" P₃, 50' Lg. 1

36+00

42+00

22
(11)

✓ +19 S.V. HEAD. 19 ✓

✓ +19 24" PE 20 ✓

✓ +14 T.P. 17 ✓

✓ F.L. 17 ✓

✓ +19 P.V. HEAD. 25 ✓

✓ +19 24" PE 26 ✓

✓ F.L. 30 ✓

✓ F.L. 18

F.L. 29

✓ +75 T.P. F.L. 17.5

END CEM. +39 F.C. 22.3 ✓

✓ +00 P.V. 8.9

✓ F.L. 34

+00 F.L. 33 ✓

P.V. 11.1

✓ +38 T.P. 19

✓ F.L. 34

CEMETERY

F.L. 32 ✓

✓ +00 S.E. F.L. 37

✓ +02 T.P. 20

F.L. 31

✓ +49 T.X.T. HEAD. 24.4
24" P. 3

+49 T.X.T. HEAD. 26

F.L. 32 ✓

+08 ~~E~~ DRIVE TO RT.

47+00

46+00

45+00

44+00

43+00

42+00

48+00

F.L. 31

(12)

✓ +71 T.P. 17

+40 TR. 33
 +31 F.L. 29
 +21 TR. 32
 +21 TR. F.C. 35
 +08 DRIVE

✓ F.L. 18

+98 END F. 31

✓ +38 T.P. 17

✓ F.L. 17

F.L. 32

✓ +02 T.P. 17
 ✓ F.L. 18

F.L. 33

✓ F.L. 17

+05 END TR. 33
 F.L. 33

✓ +72 T.P. 17

✓ F.L. 18

F.L. 34
 +94 206 TR. 34

✓ +44 T.P. 17

+70 XF 32

✓ F.L. 17'

F.L. 33'

53+00

+47.0 END PAVEMENT

+34 30" P₃, 46' L_g. ✓

52+00

51+00

50+00

49+00

48+00

54+00

13

+43 HEADER 26
 +47 PAVE 10.6
 +36 " 9.6
 ✓ +29 G.R.P. 20
 ✓ +34 30" P. 21.5
 ✓ +38 HEADWALL 21 ✓
 ✓ +29 HEADWALL 21 ✓
 ✓ +23 F.C. 16
 +00 PAVE 8.6
 ✓ F.L. 16
 ✓ +19 T.P. 16
 ✓ +60 TR. 25

✓ F.L. 15

+46 T.P. 16 ✓

✓ F.L. 17

✓ +12 T.P. 17
 ✓ F.L. 17

✓ F.L. 17

+42 HEADER 26
 +47 PAVE 13.4
 +36 " 12.4
 ✓ +40 G.R.P. 21
 ✓ +34 30" P. 24
 ✓ +29 HEAD. 23
 ✓ +29 HEAD. 23
 +27 IRON P.S. 21
 +32 ST. P. 50N. 20
 +28 F.C. 29
 +00 PAVE 11.4
 F.L. 28
 +97 G.P. 32 ✓

+38 TR. F.L. 29

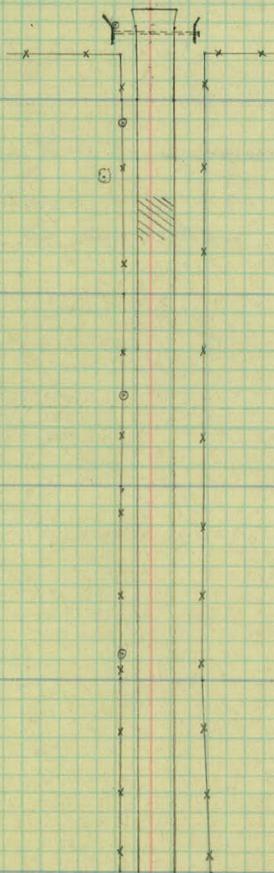
F.L. 29 ✓

F.L. 29 ✓

F.L. 28 ✓

+56 X.P.O.S.S. 12 ✓

F.L. 31 ✓



59+00

58+00

57+00

56+00

55+00

54+00