

OFFICE OF COUNTY ENGINEER
RAMSEY CO. MINN.

Road Map Survey

WHITE BEAR AVE.

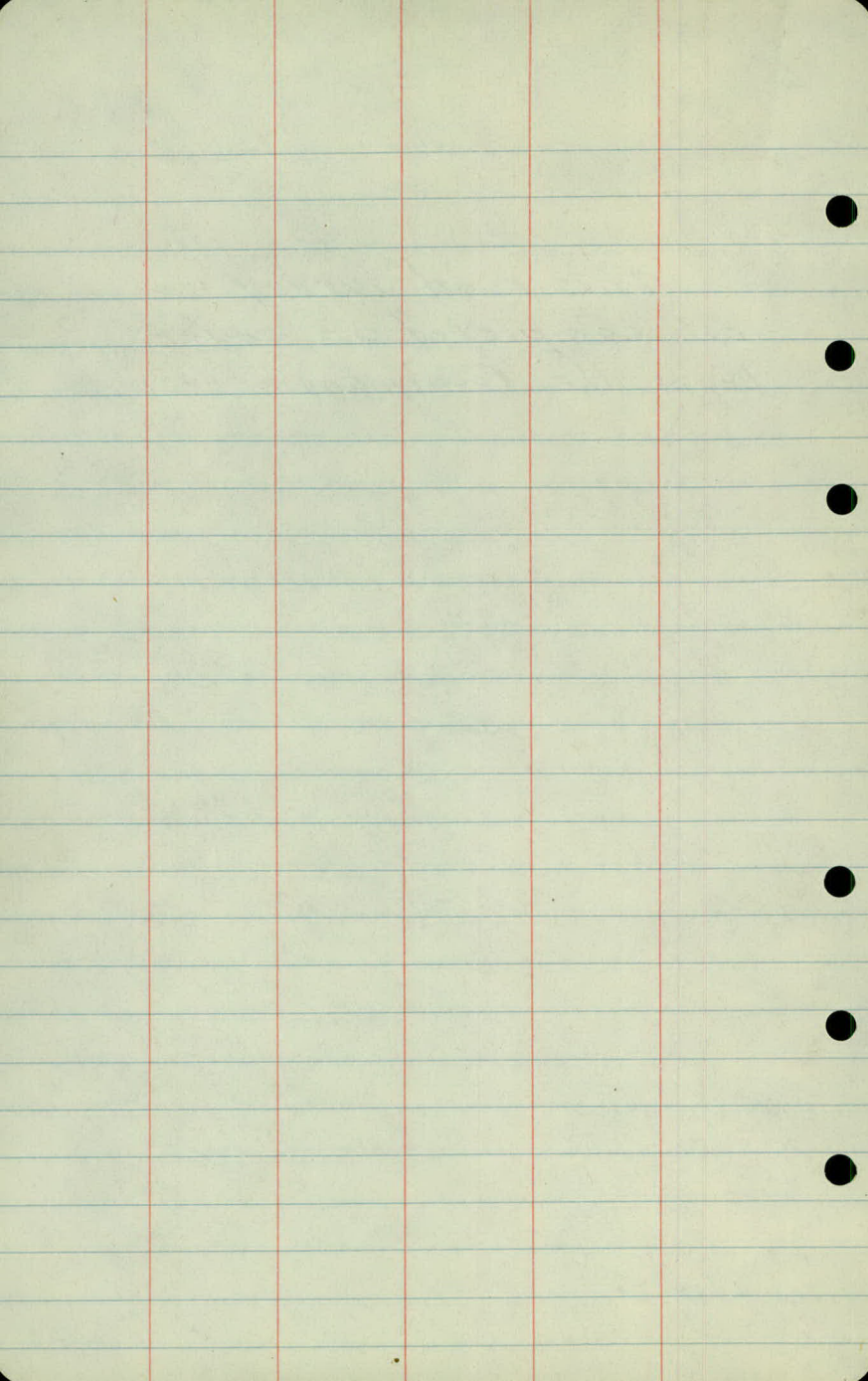
From Co. Rd. 'A' To S. T. H. 100

Road Acc't. No. 18

Date Filed.....

File.....

This road survey was
not completed on orders
from the County Engineers.



Alignment Notes
for
White Bear Ave.
Larpenter to Co Rd. E.

Brettschneider
Semmers
Dufour
Gleason.

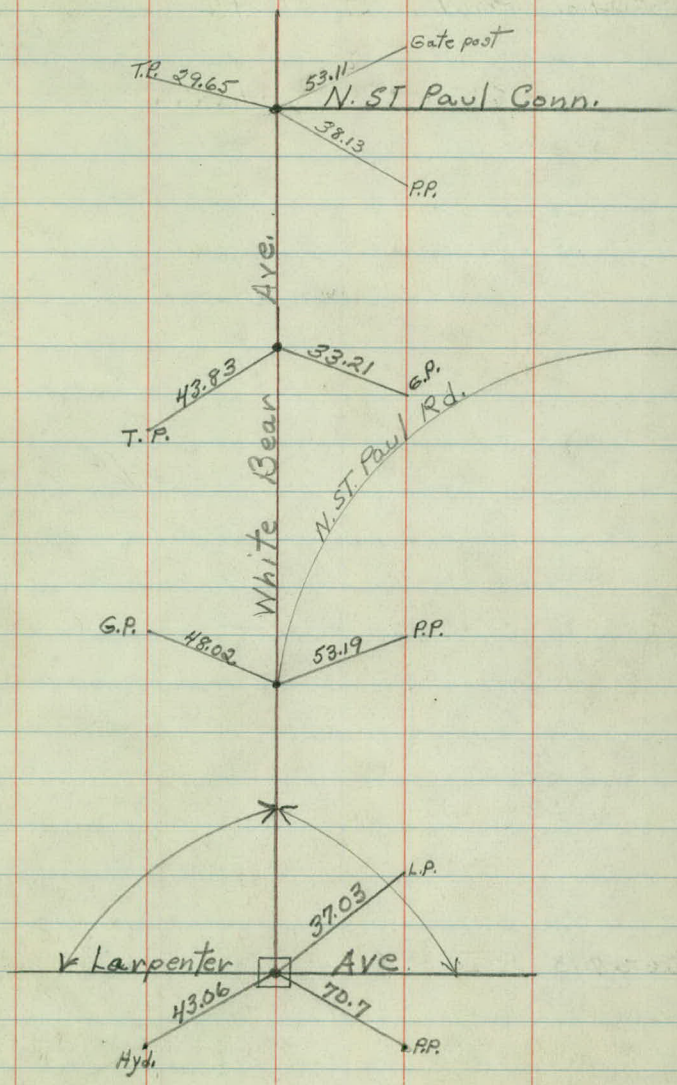
Station Point Lt. & Rt.

13+20.14 P.I. N. ST. Paul Conn.

4+40.27 P.I. for Curve. N. ST Paul Rd.

2+01.73 P.C. N. ST. Paul Rd Curve to Rt.

0+00



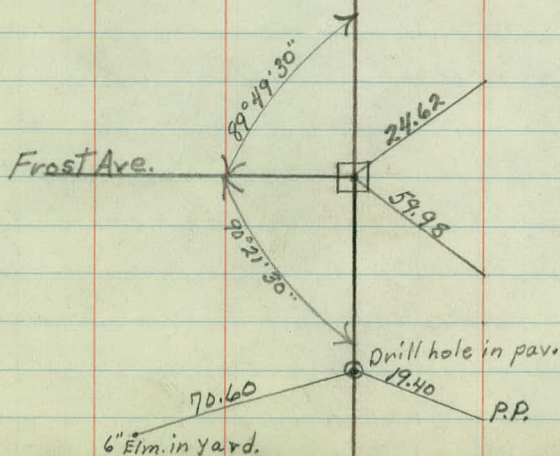
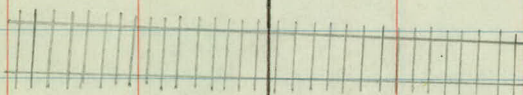
Station Point Lt. & Rt.

52+73.10

38+55.9 P.I. R.R. Track

26+24.13 P.I.

19+03.84



Station Point Lt. & Rt.

62+10.97 P.T.

24° 24'

62+00

23° 14'

$\Delta = 48^\circ 48'$

61+50

18° 14'

$D = 20^\circ$

61+00

13° 14'

$T = 190.56$

60+88.97 P.I.

$L = 244.0$

60+50

8° 14'

$R = 287.94$

60+00

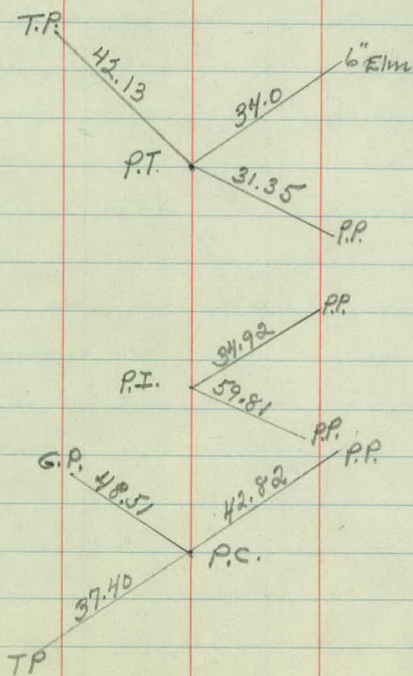
3° 14'

Chord. correction

59+66.67 P.C.

0° 00'

used.



Station	Point	Lt.	ℳ	RT.
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Topography Notes
for

White Bear Ave.

from

Larpenier to Co. Rd. E.

Brettschneider
Sommer's
Daifour
Gleason.

8+89 Driveway

8+00 12.1 11.9

7+50 Side Rd Sgn 24.0

6+93 21.5 Sewer. M.H.

6+00 12.1 11.9

4+71 Driveway

4+40.27 P.I. N.5T Paul Road.

4+12 12.1 12.0

4+12 22.5 Reflector Sign

4+10 12.1 63.7

4+00 12.1 60.2

3+75 12.1 50.0

3+50 12.1 40.0

3+33 Driveway

3+25 12.1 32.5

3+00 12.1 26.0

2+75 12.1 20.8

2+50 Driveway 12.1 16.0

2+21 12.1 14.0

2+21 12.1 12.0

2+04 17.0 Speed Sign

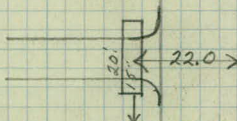
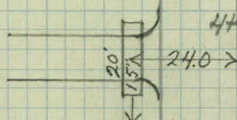
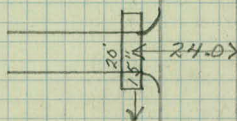
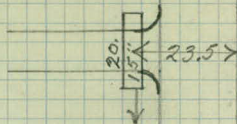
2+01.73 P.C. 12.0 12.1

2+00 12.0 12.1

1+74 End of Culvt 24.6

0+21 Sewer Hole 28.0

0+00 P.I.



4410 →

N. ST Paul Rd.

P.C.

Note Culvert drains into sewer. →

Larpenier

Ave.

16+33 Driveway

16+00 12.1 12.0

15+71 Driveway

14+51 Driveway

14+12 Speed Sgn 15.5 15.5 Speed Sgn.

14+00 11.95 12.05

13+30 Street Sgn 24.0

13+20.14 P.I.

12+89 Driveway

12+00 12.1 12.1

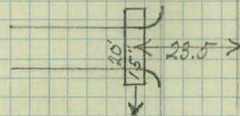
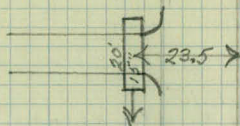
10+73 17.0 Side Rd Sign.

10+23 21.5 Sewer M.H.

10+00 12.1 12.0

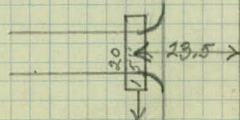
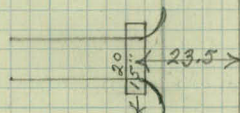
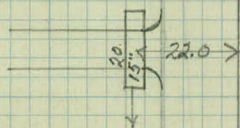
9+95 Driveway

9+75 Driveway



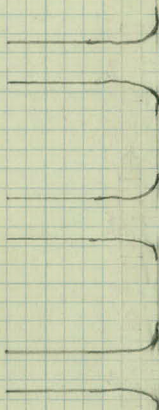
No Culvt.

\$ N. St Paul Conn.



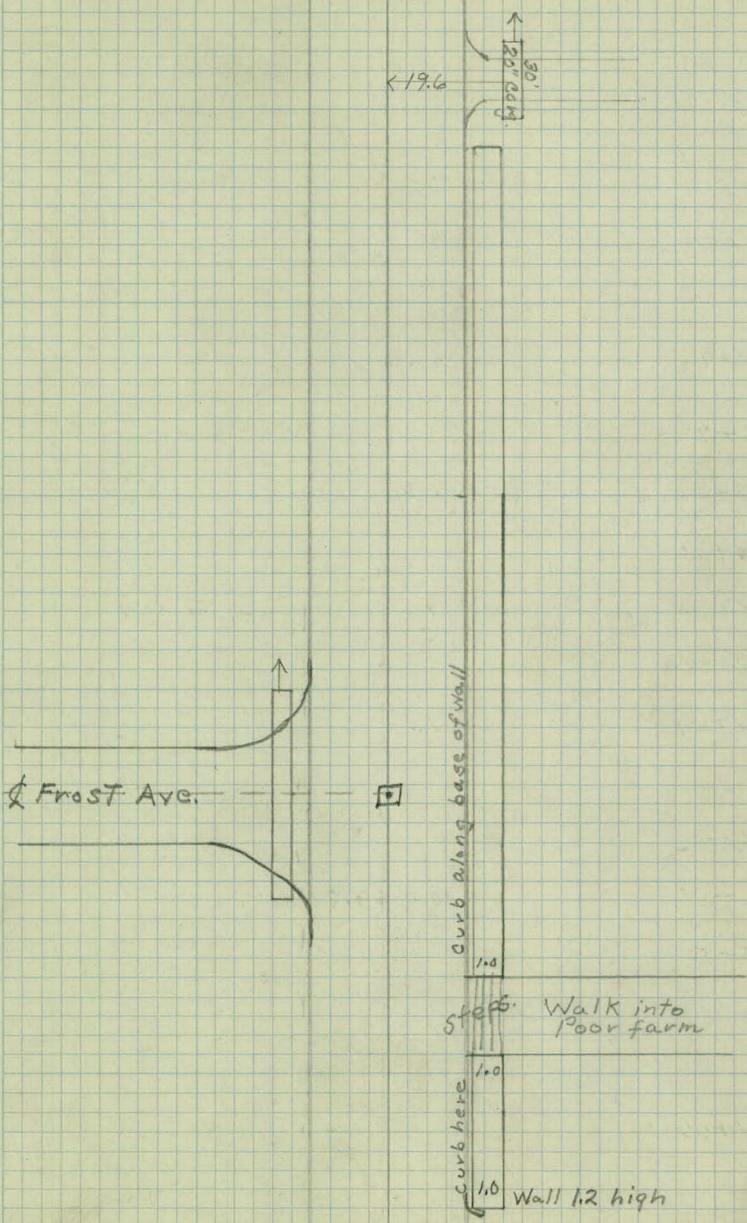
24+40	Speed Sign	18.7	
24+00		12.0	11.95
23+93		12.0	Beg of Curb.
23+83			Side walk
23+47			Driveway
22+89		16.0	Speed Sign
22+09		24.6	Side Rd Sign
22+00		12.1	12.0
20+12		22.8	Slow Sign
20+00		12.1	11.9
19+87	Driveway		
19+67	Driveway		
19+03.84	P.O.T.		
18+74	Driveway		
18+68		26.8	Old People Sign
18+00		12.1	12.0
16+70	Side Rd Sgn	23.4	

W. Bear Ave. 3



P. ⊙ T.

32+00		9.7	9.65	
31+32				Cattle Xing.
31+00			19.0	End of Wall. 4.0 high
30+19	Side Rd. Sgn	24.4		
30+00		9.8	10.1	
29+00		10.1	10.2	
28+45			15.8	Cattle Xing Sign
28+00		12.0	13.7	
27+77				height of wall 6.3
27+77			16.2	Pave. Starts to narrow down.
27+00		12.0		
26+80		12.1		
26+70		15.1		
26+65	End of Culvt under Frost Ave			30 ft. out
26+60		19.4		
26+50		28.6		
26+46			16.0	16.3 to Wall. 5.8 High
26+40		42.0		
26+34		60.25		
26+24.13	P.I.			16.3 to wall. Height = 5.0
26+00		31.0		
25+95		26.0		
25+85		19.0		
25+75	Beg. of Culvt. under Frost Ave.			30 ft. out
25+74		16.0		
25+64		13.0		
25+64		12.1		
25+60			15.6	= Beg of Wall. Height 3.6
25+48			15.6	= End of Wall. Height 3.4
25+00			15.6	= Dist. to Wall. Height 2.7
24+42			15.6	Beg. of Ret. Wall



48+00		10.1	9.9	
48+00	End G. Rail	14.5	14.7	End G Rail
46+00		9.9	10.1	
44+00		10.0	10.0	
42+65	Culvt. Under Road,			
42+00		10.0	10.0	
41+50	R.R.X. Sign	15.0		
40+00		10.0	10.0	
38+75	Beg. G. Rail	14.5	15.0	Beg. G. Rail
38+72	Blinker Signal	18.0		
38+55.9	P.I. R.R. Track			Single Track
38+40			18.0	Blinker Signal
38+38	End G. Rail	14.0	15.0	End G. Rail
38+00		10.0	10.0	
37+21	Str. Sign	13.5		
36+22			15.5	Speed. Sign
36+22			15.5	Beg G. Rail
36+00		10.0	10.0	
35+50			17.5	R.R.X. sign
35+17	Beg. G. Rail	13.4		
34+08	Cattle Xing Sgn	18.0		
34+00		10.0	10.0	
33+37				Driveway

78 Posts Approx. 11.0 Apart.
Cable Connected

70 ft long.
42" Cong Iron

78 Posts
Cable Connected
11.0 Apart

28 Posts
Cable Connecting

45.0 ft
Cable

26.0 ft

26.0 ft
Cable

59+66.67 P.C.

59+15

Drive

58+03

20.0

Curve Sign

58+00

10.0

10.0

56+67 Cross Rd Sign 23.7

56+44

18.2

Slow Sign

56+00

9.9

10.0

54+75 Drive

54+00

9.95

9.95

53+03

23.8

Str. Sign

52+73.10 P.I. Co Rd.B.

52+10 Walk

51+09 Drive Way

50+00

9.9

10.1

48+90

18.6

X Rd. Sign

W. Bear Ave. 6

