

C.C.C.

10

KSE
COLLEGEFIELD BOOK

569 C

MADE IN GERMANY

#10

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Camp 75-S

Minoegna

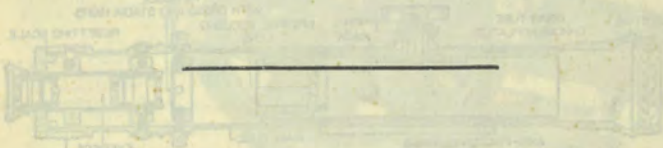
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Sec. 34-38-5 E.

1/4 North 1/2

Feb. 9th 1938 Overcast 30°

Hall, Berndt, Phelps, Gliczinski
West 1/4 S. identified by stp of
Tamarac which I believe is orig.

Marks faint - were more plain^m 35
This big faces S 80° E instead
of S 30° E

Dug in record locations for post
+ other big - found nothing.

Finally set new Tam. Post S 80° E 12

& mark:

Var 0°	{	Y. Pine 11" S 67° E .88	ch
		Y. Pine 15" S 43° E .978	

only others near are spruce.

thence N 7 on eye picket line (V. 3° E)

0 = our post as set

1.90 lv. Swamp ESW

2.97 our traverse of old road

12/17/34 Book 4 Page 3

2.79 ch S 80° W of sta (17)

3.07 actual $\frac{1}{2}$ road

4.20 re-enter Swamp (undef.)

10 20 30 Tally pickets in snow

20.00 lv. Swamp

Sw + re (1/2 ch) th. SE

W N $\frac{1}{2}$ 34-38-5

- 40.00 Enter swamp S&W
Var on line $3\frac{1}{4}^{\circ}$ E here
- 40.29 Fall $1\frac{1}{2}$ blk. W of a dead
W. Pine 6" marked
" T38 N R5 E S. 34"
(but no BT) faces N10 W
- 40.42 Probable location of
corner, judging by a
small tan (dd) which faces
this spot + stands NW
about 10 blks.

Am unable to determine if this
pine was an extra, marked by
US deputy or by some
surveyor in the 80s or 90s.

North line 33-38-5 E $\frac{1}{2}$

March 1st '38 Fair + 35°

Same party as above

Set Jacob staff at approx. ^{NE} cor &
Run West Var. $2^{\circ} 40' E =$

along old blazes found

did not chain since we fell
about 3" N of valley imp. $\frac{1}{8}$ post.

Continued + fell
about 3 ft. S of valley. $\frac{1}{4}$ set by
good stps. of both bings.

Eyes - pickets to.

Township Line

§ Sec. 34-38-5 E (random)
Feb 11th 1938 Overcast. 55° F.
Hall, Raine, Berndt, Phelps, Gloszinski
Get on hubs set in Aug. 1933
Book 1 Page 129
+ check right E by to Sec. Cor. ^{iron}
(I called this random S 89° 56' W then
as result of 3 sides obs.)
Agree with N. edge of white post
at E side of road.

Continue from 11,597 (hub)

— E road
19.326 Pitch Hub
20.60 gully N + S
20.90 squared pole found S 3rd

32.727 Hub

— Enter swamp N45W + S45E

35.33 Hub in open swamp

40.00 Tally stake (N. edge)
Found no 1/4

\$ 34-38-5

47.63 leave swamp NNW + SE

48.99² Hub (1/2° S of N edge)

Var: 2-55° on 0° Az.

BS 5 1/2' W of hub

Feb. 14th 1938 0° Fair breezy

Hall, Bemdt, Phelps, Glisczynski

Continue same

58.17 fall 13 1/2' N of a blazed T.S.

58.898 Hub

3953 59.90 enter swamp SW + NE

60.65 Hub

62.04 fall about 5 lks N of sq. spruce

70.302 Hub

78.365 Spruce 5" hewed to pass

79.75 Hub - find Valley Imp
post about 1 ch ahead +
about 30 lks S.

Does not agree with a Tam.
down, which seems to be orig.

See Pages 16 & 38

\$ Sec 35-38-5 GFeb 15th 1938 overcast +5°

Hall, Raine, Berndt, Phelps, Gliczinski

Since we had not connected with

Valley Post for SW x 34 we figure

to $\frac{1}{2}$ Pine 132 S of $58.17 = 0^{\circ}08'$

∴ Attempt to run true line by turning

off deflection of $0^{\circ}08' + 0^{\circ}01' = 09'$ from random $\frac{1}{2}$ 34.Assuming " to be $N89^{\circ}56'E$
 $08'$ ∴ we run ——— $N89^{\circ}48'E$.

O.D Iron rod at SW x 35

Var. on $0^{\circ}Az = 2^{\circ}22'E$ 12.789 Hub $\vee 2^{\circ}27'E$

20.00 Tally in snow

24.186 Hub $\vee 2^{\circ}27'$

32.223 " + observe Sun

- W to SW off line Temp +20° F

① 2:13 CST alt $25^{\circ}56' - 57^{\circ}37' =$ — line calc $589^{\circ}39'W$ ② 2:16 $25^{\circ}40'$ $56^{\circ}56'$ calc $89^{\circ}40.5'$ ③ 2:18.5' $25^{\circ}25'$ $56^{\circ}19'$ calc $89^{\circ}43'$ \$ Sec. 35-38-5

Average of the 3 obs. indicates line to bear.

 $N89^{\circ}40.8'E$ 33.30 fall .133 S. of 1st old blaze found

36.30 Enter swamp N6 SW

37.606 Hub

40.48 ± fall about .16 S of location of
orig $\frac{1}{4}$ S by 1 orig. blz.February 16th '38 Overcast +5°

Hall, Berndt, Phelps, Gliczinski

Expose BT at base of Tamarac stub which
we believed to be orig. SE blz.Dug up swamp on 27 lb arc NW but
fail to find sign of a post or of
the spruce.

Set 6" x 6" x 7' Cedar Post N50°W (PC)

27 lbs from orig BT + mark:

12:27 noon	}	Cedar 6" S $25\frac{1}{2}^{\circ}E$.515
		Spruce 5" N $10\frac{1}{4}^{\circ}E$.178
		Orig stp 546 E .27

If we had set Post N48°W " it
would be $\frac{6}{10}$ lb S & $\frac{6}{10}$ lb W. of where it is.@ 37.606 + left $3^{\circ}17'$ 2.895 to post∴ 40.496 int = N 1658 ch (to tack)
$$\begin{aligned} & .00409 = \text{tang. } 0^{\circ}14.1' \\ & \quad \quad \quad 59 \quad 48 \\ & \quad \quad \quad \underline{89^{\circ}34'} \end{aligned}$$

\$ 35-38-5 EFeb 16th PMRun Ely from Orig $\frac{1}{4}$ S on true line
extension by $\approx 3^{\circ}03'$ rightCourse reads $N 89\frac{1}{2}^{\circ} E$ with $2^{\circ}27'$ var" calc $N 89^{\circ}34' E$ (1973)

Brush line for about 12 ch.

Feb. 17th '38 Overcast 25° snow + sleet.

Same party

0.0 $\frac{1}{4}$ S.5.45 $\frac{1}{4}$ Stream 10 wide SW

8.00 Lv. swamp SE

9.128 Hub

9.23 Fall $12\frac{1}{2}$ N of dd blaze.

11.20 Summit

11.71 Hub

14.80 "

16. enter Swamp NW SW

20. 395 fall 05° N of dd blaze

21.25 Lv. Swamp NW SE.

23. 654 Hub + re-enters Swamp NW SW

Orig. SE cor. 35-38-5 EFeb. 18th '38 Overcast. snowing $+15^{\circ}$ Hall, Bennett, Phelps, Gligzemiski
24.80 winter road N + S28.36 Fall .03 S of 10° Cedar stp.
line tree?

29.18 Lv. Swamp N + E

30. Tally

31.101 Hub var on 0 $2^{\circ}07'$

31.70 re-enters swamp NW

33.942 Hub

40.00 Lv. Swamp NW SE

40.557 Fall $.0153$ ch S of Tack
set in our post $\approx 0^{\circ} - 01.3'$ ---38Identify Sec. Cor $\frac{35}{21} / \frac{36}{1}$ by shell ofa cedar - no marks. Take record
course + dist from cedar + find low
cut stp of G.P. $N. 50^{\circ} E$ record dist.
Set cedar post + mark:V. 0 { W. Pine 8" $N 65^{\circ} E$.717
" " 8" $N 14\frac{1}{2} W$ 1.01Orig with part of marks $N 54 E$ record

" ? 512 E "

" ? $N 1\frac{1}{2} E$.23 $\frac{1}{2}$

Re-meas. of 14 + E 15 with 100' tape
 March 2nd '38 Snowing + 25°
 Hall, Berndt, Phelps, Gliwczynski

0.0 Temp. Sec. Cor.

239. E. 14

660.1 Tally 10

1036.7 Spike for hub

1319.1 Tally 20

1444.4 Hub

1942. old road NW

1971.4 Hub

2368. road SW

2415 = 36.59 enter open marsh SW + N

2587 $\frac{1}{2}$ fall 22 $\frac{1}{2}$ N of small 4 post

2639.6 Tally 40

2965 to 44.92

3010 45.607 neck NW

2939.5 Hub 44.572

3300 50.00 Tally 50 ✓ + br. sup SE + NE

3772.1 Hub

3959.8 Tally 60 + enter sup
 WSW + ENE

same on P. 14

4100 to
 4145 N. tip of land
 4242 Hub (hard land $\$.80 \text{ ch}^2$)
 4548 To river (left bank)
 4685 over "
 4880 br. bottom
 4967.1 spot (20 cks)
 5293 Hub for Temp Sec Est.

5610.3 Tally
 6000 enter open marsh $\text{ENE} + \text{North}$
 6270.3 Tally 95
 6560 br. swp SW NE
 7090 enter open swamp N+S
 7260.8 Tally 110
 7579.3 Spk. for hub
 7855 Hub 119.
 55' NW of $\frac{1}{4}$ post.

Mark 1 additional bug for $\frac{1}{4}$ (Orig $\frac{15}{22}$)

year " Jan. 3" $S 23^\circ E$ 67.8'

April 19th 1938 PM variable
 Hall + Barney Rain
 Search + find tape reel lost on $\$ 13$
 last winter.

Search for $\frac{1}{4}$ S on $\$ 13$ no luck.

Check " evidence of SW $\times 13$ " "

Check old post found in bag at
 $S \frac{1}{4}$ Sec 14 (Page 12)

There are 2 spruce stumps which agree
 with post + notes. The NE one has
 an arc cut for bottom of facing.
 Will accept this as corner. Post
 not entirely out yet.

June 10th '38 Hall + Symoga
 Set new post for orig $\frac{1}{4}$ $\$ 14$

12° } Stp with suspicion of boxing
 $N 70^\circ E .28 \frac{1}{2}$
 " most likely of 2

New { $S 23 \frac{1}{2}^\circ W .28 \frac{1}{2}$
 T.A. { W. Pine 7" $S 77^\circ 50' E$ 2.454 ch.

(dist meas from $\frac{1}{4}$
 Az. from sight with A at random 40 ch.)
 .calc

\$33-38-5 E

March 3rd 1938. Fair 0° F. rising temp.
Hall, Berndt, Phelps, Glisczinski
R at 79.75 on \$34 random.

... reads $S89^{\circ}25'W$ var $2^{\circ}10'$

Accept Valley Imp. post temporarily
since it was set in summer.

However, what appears to be orig SE Tam.
would place cor. farther west.

Drive hub at base of valley post.

← left to " from R = $13^{\circ}53'$ 1,333 ch.

See page 38

$27^{\circ}46\frac{1}{2}'$
 $13^{\circ}53\frac{1}{4}'$

∴ @ 81.051 at ← E to post .32
00395 = $0^{\circ}13\frac{1}{2}'$

∴ $13^{\circ}53'$
 $13\frac{1}{2}'$
 $13^{\circ}39\frac{1}{2}'$ + of for corr.

∴ at Post turn ← right $13^{\circ}40\frac{1}{2}'$ + continue W

Magnetic reading = $S89^{\circ}10'W$ var $2^{\circ}10'$

0.0 our hub at post found.

2nd 3.60 br. swamp

6.28⁴ Hub + offset 4" E to misc
8" Y.P. on line at

14.37

Continue on 4" offset (E.)

\$33-38-5 E

16 = set R on post + same sum
← W to SW 15° Fahr. about.

① 2:00.6 my watch
= C.S.T. $32^{\circ}33'$ hor. $58^{\circ}36'$

Calc 1938 $S89^{\circ}43'W$

② 2:04.6 $32^{\circ}15'$ $57^{\circ}38'$

Calc $S89^{\circ}39.5'W$

③ 2:07 $32^{\circ}01'$ $56^{\circ}57'$

Calc $S89^{\circ}36'W$

Ave indicator $S89^{\circ}39.5'W$

19.58 old road SE

19.98 7" pole just N. of offset random
= random line

21.187 Hub in north point of swamp

22.00 old road NE

22.909 Hub (Course reads $S89^{\circ}50'W$ var $2^{\circ}10'$)

25.00 Enter swamp SW

26.35 Hub

£ 33-38-5 E

March 4th 1938 +12° overcast - snow
Same party - Continue - still on fth offset

26.85 leave swamp SE

28.871 Hub + turn angle left
to Valley Imp. post set
correctly in relation to stp
of orig. tan. (marks visible)

1°-14' 1°-13' 1°-14'

Continue same meas.

31.00 enter swamp SW

40.531 To Top of Valley Post.

∴ -28.871

11.660 x sin 1°-14' = .251 + .005 = .256

" x cos .99977 11.657

∴ 40.528 orig random fall .256 N of ¼

.00632

= Tang. 0°-21.7'

Unable to decide whether to project line
thru ¼ S or angle right to return to
alignment £ 34 projected.

Decide to split difference by
turning right 1°-14' at ¼

£ 33-38-5 E

P.M. Run westerly from ¼ by + 1°-14' st.
back sighting on 28.871
= angle right of 0°-21.7' off corrected £ E

0.0 = ¼ S no near Eng's near

7.40 leave swamp NW SE

10.743 Hub (reads S 88°-35' W v 2°-10')

11.90 re-enter swamp NW + SW

20.27 fall .16 S of a pole to post

14.45 21.89 lv. swamp

15.00 22.87 enter "

18.32 27.75 lv. "

28.323 Hub (S 89°-10' W v 2°-10')

19.90 29.85 enter swamp

20.75 33.90 lv. " (open) SE + N.

40.761 fall .306 S of Valley Imp.

20.38 Post. This is supposed to

be the orig. location.

Their Eng = W.P. 28" S 34° W .90

= .00751 = Tang 0°-25.8' pl. S.

∴ defl = NW from true £ E = 0°-47.5'

+ 0 21.7
+ 0 25.8
0°-47.5'

Snow 20"
deep
good crustMarch 7th '38 Fair +12°

Hall, Berndt + Phelps

Transit at 34.239 Book 4 P. 12

This hub on random N Sec 5 being
extension of N. Sec 4 (W $\frac{1}{2}$ Sec 4)

Course appears to be due west 270°-00'

Re meas. to sta. 40 Hub

5.788
34.239
40.02740.027 Hub formerly called 40.00
and continue new meas.

50.037 Tally 50 out of line

60.048 Tally 60 out of line

70.049 Tally 70

80.063 Tally 80 to bk S. of line

80.353 st - N .514 - .01 for curv. = .504

Search again for orig. B.T. no luck

Set marked post in bog

+ Mark-Y, Pine 14" N 52° W 4.294 ch.

Var.
2° 24' 6"
T.A.

random

Continue current meas on from 80.063

" alignment of 27.08 + 34.239

85.342 S. edge Tam. stub

104. leave swamp N+S

104.241 Hub ($\frac{5}{8}$ " N. of S. edge) ^{no Tacks}

1.526 thence 1.526 + 1.00 @ 21°-40' = .929

106.696 Hub on ridge

Thence 1.54 down 15°-48' slope
= 1.4821.482

108.178 pin at swamp level

108.00 re-enters swamp N+S

114.558 Hub + br. " NE + S.

March 8th 1938 Fair +10° rising

Hall, Berndt, Phelps Continue

116.669 Hub + Tack on ridge

118.404 " " " in gully

118.70 pine across "

119.00 "

119.441 Hub

119.777 Marks Tally on E. edge

5" W. Pine strip on line.

120.532 at $\angle N .770 - .007 = .763$

124.381 Hub

125.20 Enter swp. SW + NE

126.504 Hub

127

Tally

Hub across open swamp

March 9th 1938 Fair +5° rising

Hall, Berndt, Phelps, Gliczinski

135.40 winter road

S 23 W PC 7ch ± Th. wly

+ N 23 E 3 ± - NW ?

136.593 Hub observe Sun +15°F ±

< E to SE to Sun

① 9:43 Am by my watch (5' fast ?)

alt 29° 15' hor. 44° 53.5'

line calc $\angle 89^{\circ} 57.5' W$

② 9:46 29° 36' 45° 35.5'

$\angle 89^{\circ} 56.9' W$

③ 9:49 29° 59' 46° 24'

$\angle 89^{\circ} 58.3' W$

Are indicated $\angle 89^{\circ} 57.6' W$

137.35 lo. swamp NE SW

140.312 Hub at summit

147.30 Hub

155.005 " + descend (am falling @).
($\angle 88^{\circ} 55' W$) var. 2° 07'

" Turn < right to Co. mon at Top Co. eng.

$\angle 10^{\circ} 12.5'$ $10^{\circ} 12.5'$ $10^{\circ} 13'$ $10^{\circ} 13.5'$ $10^{\circ} 12.5'$

5.803 ch.

120.532
119.777
0.755 W

45-78
1.070 to 70

W to NW

Lat = 45° 49'
Long = 89° 57.3'

24 Sec. 6-38-5

10°-12.5	Sin	.17722	Cos	.98417
	x	5.80		x 5803
		1.028		5.711
				155.005
				160.716

∴ @ 160.716 at N. to Mon at Twp Cor) 1.028
 $\frac{1.028}{160.716} = \text{Tang. } 0^{\circ} 22'$

True line Length = 160.72.

US Recrd = 80.

80.01

160.01

Meas. 160.716

160.01) 706(.00441 swmp per ch.
 x 80 = .353

80.

80.353

x .00639

.514 correctn

.01 error

504

∴ @ 80.353 at N. 504

for Cor. Secs 5-6-31-32

Check north end of our meas. of $\frac{1}{4}$ 6

2.356 (Hub 109.113 to Twp Cor (111.47)) ✓

" S from 109.113

5.81 Swamp E to W ✓

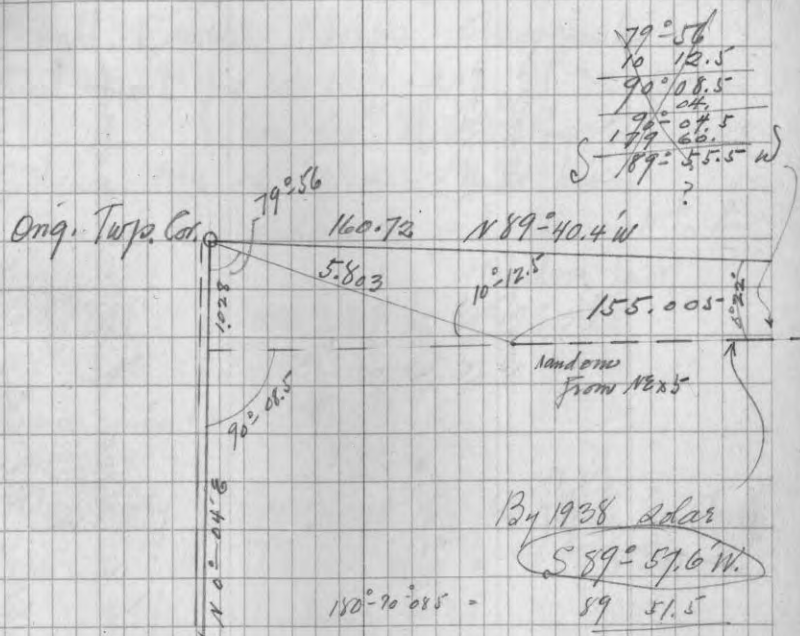
8.57 ± opp our blaze for 8 ✓

14.10 To our Tally 95. ✓

< SE of S with 9 over Twp. Cor. to correct R.L.
 (79°-56' & 79°-57' — 79°-55')

Cor. Twp. 38 & 39 N R 4 & 5 E

25



∴ S 89° 57.6' W.

90	22.
179	19.6
x 89	60.0
	40.4 W

Could easily have been off this much in meas from hub 109.11 (had not a tack).

Decide to call random S 89°-58.6' W at N 8 x 6 for Tower work.

See page 60

§ 33-34-35

38-5 E.

Conclusions

Mar. 15th '38

Solar on Sec 33	Solar 1933, Sec 34	ch.	63° F
S 89° 30' W	589° 42.5 W	40.557	40.576 ✓
S 89° 26.7' W		40.496	40.484 ✓
S 89° 36.3' W		81.052	81.026 ✓
S 89° 14.6' W		40.529	40.516 ✓
N 89° 58.9' W		40.762	40.75 ✓

Net result - reading E to W

Solar on Sec 33

Trunc lines.

Decide to report results as of est. 2 since it approx. a mean between col 1 & 1933 results.

(Pending a possible stellar obs. when Stankl. Pt. crosses. ?)

§ Sec. 31-39-5 E

random

Mar 10th 1938 Fair +15°
 Hall, Berndt, Phelps, Gluszcinski
 Set post for cor to Secs 31-32-5+6
 by st. \angle N from sta. 80.353 (Page 20) .504
 Thence Nly on 0° var (trial line)
 Reverse to random § and turn \angle N to E
 (random lines)

87° 34' 87° 35' 87° 35' 87° 33.5'

= 87° 34.4'

Since random § = $\sqrt{89^2 + 58.6^2}$
 $2^\circ 24.2'$

∴ Run Nly (N 2° 24' E) in guess to strike
 1/4 29 + 30

— .504 random § 31
 0.0 Sec Cor. (D.P. along post 4/12/40)
 18.50 fall 1.216 E of old blaze = 3° 46'
 19.302 Hub at E end island $\frac{1}{10}$ A.
 20.725 (ad. blaze 1456 ch. (dist) = 56° 39'
 correct w. 992 7th 8' from D.P.
 T.A. } 14. Pine 8" S 20° W 1.297
 var 2° E } Spruce 6" S 40-178 1.239
 30.20 br. swamp N 46° W 5 ch ±
 32.19 Hub
 32.319 9 to parallel slope ahead
 .916 = + 1.00 " 23° 40'
 33.235
 231
 33.466 Tally marked on 5' stp of birch
 on line
 Hub

Sec. 31-39-5 E
random (or 0° var)

March 11th 1938 Overcast - 20°

Same crew - continue

34.15 Creek

35.964 A for slope

988 = 1.00 @ 9°

36.952 Pin

37.644 Hub on W. shoulder

38.00 Pin

986 = 1.00 @ 9:35

38.986

+ .025

39.011 Hub in SE x swamp

1/4 S 41.513 A = W 1.985 for 1/4 (1/2nd S. of N. Ledge Swamp)

Set G. Mon. 18" exposed.

1/4 TA. W. Pine 7" 188-14° E 1.155
var 2° E do 6" N 26-45° W .88

42.573 Hub

45.48 " on N. rim of flat

966 1.00 @ 14:55

46.446 pin

48.171 Hub + enter alders SE + W

50.84 Creek .06 wide SE

58.00 W alders in NE x do

59.04 Hub

63.50 "

62.178 set 1/8 2978 W from 1/4 29 + 30 +

See page 62 B11 & 12/19 The in by Trav.

Sec. 6-37-5 E.

NW 1/4

March 17th 1938 Fair 35° 45°

Hall, Hassler, Berndt, Phelps, Gloszinski

Set cedar post in marsh for

N 1/8 W 1 1/2 E of pt. 19.308 S. of Twp x

(See Book 9 Page 32)

← S to E of random 90°-05° and

continue " E of or calc course for 1/8 line.

0.0 1/8 post

3 1/2 ch. W. marsh NW 1/4

8.15 Pine Hub

14.991 " " + spot BS. 1 ft. W.

15 1/2 enter swamp

18.30 Spruce 10" on line + spot N 1'

19.70 W. swamp SE

20.26 fall .173 S of squared Fir 3"

.015 Kurtzweil's?
.188 N of line.

21.00 set tempy cedar 1/8 S 1' S of spot

Continue eye picket line thru
dash 11 ft 12 ch. (blazing about 1' S)

There is about 3 A. of tree-paces
S of line.

If we ran N + S we would be able to
calc. exact subdiv.

Too much variance with valley meas!

30-39-5

April 7th 1938 Jan. 50°

Hall, Pete Brown + Dave Steink

Fail To find Davis 1/8 bet W 1/4 S

Show orig. Tam. B.T. for W 1/4

(found by Steink early in week)

It is 4' stub 6" dia. marks visible

Record course + dist thence -

find bottom of 2 posts. The small one,

4" W of large one, is evidently Davis

as top lies on ground.

Set new Tam post, 8' x 4" in place

of the large post + reference =

Var 0°	Stub of Orig. B.T.	N 34° W	21.7'	
	Stump of spruce	N 83° E	9.1'	
	Y. Pine 10"	S 52° E	100.3'	
New	Y "	8"	S 75° W	97.8'

Steink paces N, on 1° E. var.

@ 264 paces old blaze to 7.5 paces W = 1° 38'

@ 1/2 mile paces W. 14 paces

+ look for corner evidence - none

thence E by on 9° E var.

24 ch. fall .65 N of Davis 1/8 = 1° 33'

8.60

7.27

30-39-5 E.

W 1/4 A (Dow)

Davis SW Hemlock found broken off 5" above ground, by Brown, marks visible in Charcoal. Set stake as near his record course + dist as we can on account of post.

Actual point determined - from which

Var 0°	Davis B.T. to S 23° W	13.2'	
	A. Y. P. stp 15"	N 15° E	7.2'
	Poplar 3"	N 83° E	3.7'

Continue E. on 7 1/2° E var.

13 ch. To neck where MC may have stood - no luck.

To re-establish this line I would consider Mr. Davis's sufficient evidence and first on it, the West end being governed by the NW cor when latter can be re-established.

Scotchman L. Road

Sec 27-39-5

Apr. 7th '38 continued

Pace S^{ly} (var 2°E) along fence from
fence cor. (S+W) assumed to mark
North 1/4 cor.

8.17 Th. W (v 2°)

@ 1.95 Sta (31) 9/49 to S 36 W.

2.38 Tang. SE.

5.62 Curve at N. extremity

6.92 P.I. E + S 7 E.

Franklin rd brs N 30 W

From P.I.

S 7 E 5.71 P.I. 1st ext.

S 32 W 5.10 to P.I. = at sta

(31) Book 9 Page 49

Tang to S 80 W "

N 1/4 South again 12.40 & Rd.

Th. in E (Brown)

150° = S 30° E 6.08

138° S 42 E 3.00

117° S 63 E 4.75

110° S 70 E 5.00

76° = N 76° E 2.83 Th. 50°

Orig cor 22-23-26-27 S on 2°

5 3/4 ch (paced) to & Scotchman Rd ^{38-5W}It bears 59 1/2° = N 59 1/2° E + do SW ^{7 from}

Sec. 20 - 38 - 5

E

April 9th 1938 AM. Fair 50°
Hall. Brown. Sewalt.

Carried Co. Mon To Orig SE cor.

Found 1 1/2 ft. water over site and
had mis laid notes in leaving camp.Set mon. temporarily where old post
stands. Orig Cedar down brs.

N 29 W 19.0 = .288

" " down S 49 W 16.5 = .25

New { W. Pine 14° N 72 E 69.4' = 1.051

Run N on 1° E. res.

Fail to find 1/4 ch.

Fall 1.7 ch. E at orig NE cor. = 1° 13'

" 1°

Probable error = 2° 13' E

Sewalt paced the mile @ 79.60

E 20-38-5

Transit Random

April 11th 1938 Fair 55°
 Hall, De Walt, P. Brown, G. Mattson
 S. on var 2:13' E from
 County Monument at Orig. NE cor.

Ch. 1

0

Sec Cor.

2.62 2.93 Creek W.

5.88½ Hub

7.00 Creek SSE

11.50 br. Swamp SE

12.035 Hub var. same

12.75 re-enters Swamp SW

19.787 1/8 S calc. 559 W.

20.00 Hub

30.45 br. Swamp.

32.068 Hub

33.40 Enters swamp SE + WNW

39.574 rt = W. 1.118 + set

Tann 1/4 post.

0 } Spruce 4" S 45° W .75

var. } " 4" S 79° W 1.102

40.00 Hub

40.035 Same ones stake (10 yrs old?)

br E 11 hrs. no sign

of orig. evidence

46.00 br. Swamp NE + follow margin

47.937 Hub var 2° 27'

49.00 re-enters swamp SE.

56.34 br. Swamp SW

57.822 Hub

62.16¼ Hub v. 2° 39' E.

59.361 rt = W. 1.677 ch + set
 cedar 1/8 S. post at SE
 edge of swamp.

var { Spruce 3" S 17° E .04
 0" { " 3" N 54° E .16½

Apr. 12th Re-meas N by on random, not as exactly,

19.156 To tally 60. from (79.149)

39.168 " " 40

E + W 1/4 line in 20 figures var 3° E 79.79 ch =
 52.66'

£ 20-38-5-
continued

April 12th '38 Fair 50° Fine weather
Hall, Mattson, Schaller, Steinle, Garm

63.00 Enter Swamp SW NE

64.553 Hub

69.35 hr. " E + NW.

72.502 Hub var 2° 03' E.

78.47 " " 1° 57' E +

Turn ← N to SW to our
monument at Eng. Sec. Cor.

106° 53' 1/2 2.337 ch.

sin 16 53' 1/2 × "

= .679

cos " × 2.337 = 2.236

∴ 79.149 sit ← W to Cor. | "

.02825 = Tan

1° 37'

cos. " .99960

∴ True length = 79.18

~~79.149 2.236~~

~~39.574 1.118~~

~~19.787 .559~~

~~59.361 1.677~~

~~79.18
39.59
19.795~~

corrected

Just later find DeWalt ran on 0 var not 1°
2° 13' - 1° 37' = 0° 36' actual var at

N. end.

From W 1/4 by 3° E var (by lat. + dep. compass
turn # 2

\$ Sec. 33-38-5 G

April 27th 1938

Fair 70° 80°

Hall & Hassler

Examine evidence at SE cor as
marked by Wis. Valley post.

→ Sec pages 4 & 16

the 8" Tam. found marked, with $\frac{1}{2}$ " upside
down is evidently the work of some
re-surveyor 30⁺ yrs ago. The valley
set their post rec. dist (13 bk) + facing
this tree. It has N 71° W instead of 45° W.
This agrees well with old cruisers' marks
found but can not find the other trees.

* Accept their post as set - Substitute a
new Tam. post and iron pipe + mark:

Var. 0	}	Spruce 6" S 20° E .18
		Tam. stp. 5" N 68° E .38

South $\frac{1}{4}$ Find that the remains of
orig. Tamarac has been thrust into bog
alongside the stp. Remains of a
spruce found to agree with US notes
Drive 4' galv. pipe at corner +
set new Tam. post.

0° var	}	Spruce 5" N 83° E 1.135
		" 5" N 11° W 1.545

Hard land S 2 $\frac{1}{2}$ ch (W 7.40) (E 9 $\frac{1}{2}$ ch)

SW cor. 33-38-5

Unable to reconcile Valley Post with any
orig. evidence. The 28" Pine (page 19)
was marked by same upside down
carver + is 9" brown in 5".

If we had this man's notes it
would help.

Since our total measurement thru 3
miles (\$ 23-34-35) was found to
be (respectively) 81.266 81.026 81.03
and since valley surveyor worked 14
years ago - will accept his post.
Some jack pines, ^{down} around post
have old cruisers' marks + in +
around post are scraps of iron + a bottle.
Substitute a 3 $\frac{1}{2}$ " I. P. (anchored) +
set up a wood post:

New -	}	I. P. 18" S 12° E 1.19
		Var 0°

28-39-5

Cruise

April 25th 1938 Hall + Brest
 E 1/4 West on 2° with pocket compass.
 29.15 steps = 1 ch.

210

± Scotchman Rd.

465

mark a tree

471

Correct S 10 steps for 1/8)

665

Gully bottom - NE

763

Old road NW

926

set a flag

942

To Sewall's N + S line.
 (Correct S 20 steps)

937

Norway 9"

972

To bog SE + NE.

1024

Squirrel R. NW SE.

1389

make mark on

1623

down Tam.

lv. swp. S + NE.

1710

old road NE.

1895

fall 40 N of W 1/4

.0211 = Tang.

1' 13'

+ 2

= 3 1/4'

Correct var.

Calc. June 8th '38

" True Az from solar obs.

Meas. @ II

Orig Sec Cor.

5.13 S
 80.283 W

(186-20.7 E)
 (80.447)

0.0 S
 0.0 W

(orig 1/4 later found)

1 1/2 W

Random S 0°-46° E

160.793

1/3

165.909 S
 78.131 W

S 86°-19' W
 78.685

1st Tempy corner +

S 0°-12.5° E

80.57

40.285

Orig 1/4

80.285 S
 .099 E

160.655 S
 .392 W

Pending final search with snow gone.

1895
 1710
 1623
 1389
 1024
 972
 937
 942
 926
 763
 665
 471
 465
 210

Squirrel Tower Road.

Contemplated improvement in road to
Tower Cabin.

June 17th '38 Fair
Hall, Engel, Ramberg.
Pace a pocket compass traverse ^{of} ^{the} ^{road}.
" on staff.

From Cabin vicinity.

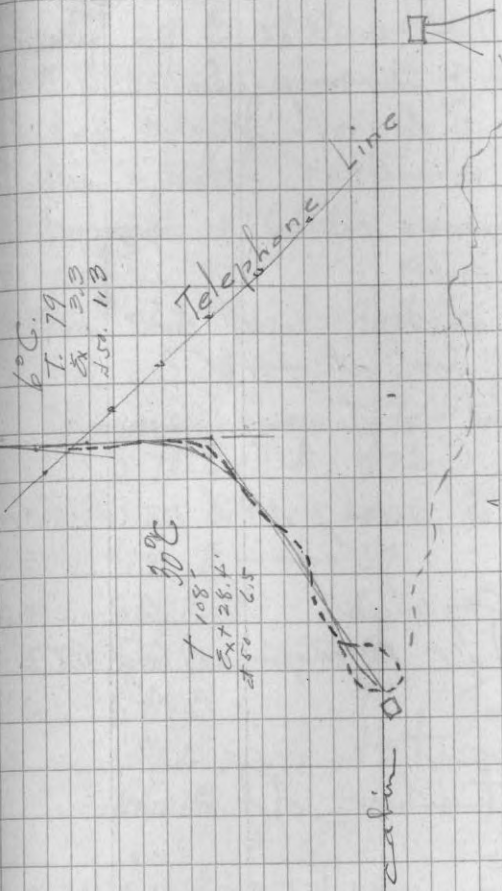
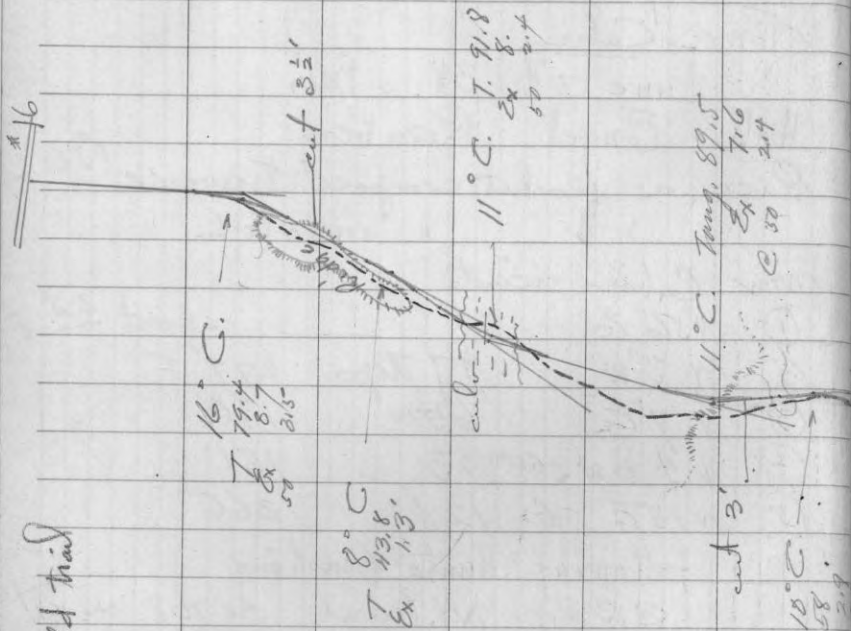
①	N 56° E		about 64'
②	N 3° W	97 steps =	277' ±
③	N 7° E	65	186'
④	N 4 1/2° W - G	53	151'
⑤	N 15° E - G	128	366'

Following Hunt's Bushing

		@ 83 steps fill begin	@ 128 corner
⑥	N 35° E	64	183
⑦	N 28° E	91	260'
⑧	N 3° E		about 170' tally to #16

Decide on following curves:

Squirrel Hill Road.



- R cuts only necessary
- slight additional brushing

Secs 24 & 25 Cruising

July 26 th	with Schaller.		
Cruise W. from hypothetical SE x 24	(V2°)		
395	steps	road	
842	"	swamp	S 12° W & North
938	"	br.	N + S
1078	re-enters		N 80° W
1258	over	"	
—	enter	"	NW 10 E
1645	br.	"	N & SW
1852	1 st Guch at record		
—	at 4 S to orig SW		
	(found later)		
2754	To swamp N 75°		2 nd wide
2865	"		again
2894	Baycat L.		
2864	fall 101 steps N. of orig MC.		

East MC. Baycat L.

Set new post where old one was found, down.

Orig. Tamr.	N 54 1/2° W	.11 1/4
New W. Pine 3	N 66° W	.13 1/4
" Spruce 4	S 6° W	.091
New " 1/8/34 Cedar 18"	S 14° E	1.025
Big ?	S 21° E	.12
Blaze E from MC to Trail	var.	6 1/2° E

Scont proposed cut off (detour to avoid going thru Sec. 17)

July 29th & 30th Hall + Solstak

Sound narrows E of 4th SW Sec. 16.

Max depth 10' 8

Min. width 100.

Traverse N border swamp from NW cor. " (at road).

From this point Tall Tamr. near SW x 16

br. S 14° E

Balsam dump br. S 37° E

1	S 74° E	77'	
2	S 23° E	100'	To approx. Sec line V2°
3	S 31° E	57	
4	S 55° E	60	
5	S 80° E	40	
6	S 83° E	71'	To narrows.
	N 80° E	43'	
	N 60° E		
7	S 10° E	100'	over " to balsam dump
8	S 30° E	94'	
9	S 13° E	123	
10	S 20° W	205	
11	S 19° W	108	
12	S 17° W	103	

S 78 W 137' to random Meridian line
115' S. of Sec Cor.

West from point on random 100' S.
of Sec Cor. 16-17-20-21

87 steps (248') br. swamp in NW cor do
462 to road.

We find that least swamp encountered is
at point 50' S. of $\$$ Sec 17, it being
necessary to detour S of small marsh.



Submitted scaled sketch to WCA
at Rhinelanders.

Cruised N ($N 5^\circ E$) from SE cor 17

162' br. swp E + NW

274' hard land ends 7 rods W.

305 re-enter swp W. N. W

730 br. swp. ($N 32^\circ W$ 59' from trans. sta)

992' $\$$ road (br N $18^\circ E$ 185 to BC left)

1935 steps fall 13 steps E of orig $\frac{819}{1716}$
 $\frac{0067}{1716}$

= $0^\circ 23'$

\therefore Var of true line = $5^\circ 23' E$ *

Unable to find $\frac{1}{4}$ S on any sign
- here.

Cruised around SE SE Sec 17 but
found hills and swamp on $\# + \$$
and an extensive " S of the $\$$ as
would not recommend detouring
truck trail west of this forty.

Aerial Survey 39 - 4 40

Aug 15th '38 fair 75°
Hall, Pilgrim, Northrup, Oliver
Identify orig. NW cor G-39-4
" " Oneida County
by USGLO cement monument agreeing
with orig. NW B.T. (marks OK on stp.)
Set target 6x18 crossed
(oriented with meridian)

Found USGLO post for SW cor 18-39-4
at S. edge wet swamp. Set target
2 rods north (oriented on 45°)

To clear US bearing and other trees.

Aerial Survey.

38-4

August 16th '38Found Post set for SW cor. 18-38-4
by Federal CC (Sheep Ranch Camp)

No sign of the origl.

Set target 2 rods north of post X
to avoid trees.

Searched for SW cor 38-4

August 17th '38Ely on $V 2^\circ$ from iron found for
E & W \$33520 steps fell 13 steps S of a scribed
post in edge of marsh. There is
a single pink long down,
agreeing with the post as set.

Set target oriented on meridian.

Renew cross 1 rod south of
origl. S & E x Sec 36.Orient on 45° this time.Aug. 18th '38 with DewaltSet double cross (oriented on Meridian)
at Forest Service post for origl SW
cor. 31-38-4Follow line W to CC Road (14 ch. beyond
& S) = 34 ch.

Blaze 4" poplar on E side road

Sec. 25-39-5

New bearings for corners on N
on account of new road E & W.Sept. 17th 1938 60° wet.
Hall, Dewalt + Henry Ahlborn
E & W Now + BTs in roadRemove monument after marking
New BTs as follows ($V 2^\circ E$)W. Pine 6" N 46° W 56.9' level m.W " 8 N $59\frac{3}{4}^\circ$ E 79.5'W " 3" S 33° E 54'Amount of cut not known
Monument may be reset after gradingNorth $\frac{1}{4}$ not disturbed since road
makers followed our E & W railroad
here. Mark 1 new BT $V 2^\circ 40'$ } W. Pine 8" N 52° W 49.0'W & W re-set monument in E ditch
8" below "New fence Ely 6" S South $31\frac{1}{2}'$ " Jack Pine 5" N 11° E 125.1'
Van $3^\circ 15'$ E

Oct. 8th '38 Fair 70° Hall + Freund
 S. from Oak, N^o cor. 22
 following old spots. var 1° W
 763 to 780 steps slough
 817 " " \pm #2 road W of
 " = (35.4 ch.) fill

37 — 4 E

Orig. $\frac{1}{4}$ S between $\frac{2}{11}$ (found scribed
 orig. stub) standing in March '34).

Oct 12th '38 Overcast 60°

Hall, Hassler, Kauppinen
 BT stub has fallen find hole in
 ground agreeing with record distance
 from stub \pm from remains of a
 hem. stump assumed as orig.

Set new Cedar post + mark:

Var 0	}	Birch 18"	N 45° E	47.4'
		Cedar 4"	N 89° E	25.7'
		Maple 4"	N 53° W	24.1'

Meas. W. on $3\frac{1}{2}$ ° Var.

360.3' \pm truck trail.
 373. set birch stake + plaque

for J. Hassler.

Attempt to re-establish SE x 18
 Only marks there is a pole post,
 on a cut out line E + S.

Significance unknown.

We went to Wausau and got
 Valley Improvement Co. notes of
 June 1924. They give a random
 $\frac{1}{4}$ S + $\frac{1}{4}$ W $\frac{1}{2}$ 17 + mention intersecting
 random $\frac{1}{4}$ S but no. of mining
 " " " or where it originated
 or terminated. Say they set $\frac{1}{4}$ S
 but do not say they set SE x

Oct. 31st '38 Hall + Hassler
 Run eye picket line E $\frac{1}{4}$ mile from
 Oak SW x 18 as monumented by
 Floyd Gobler? var 1° E.
 pace E from there + search for S $\frac{1}{4}$.
 no success.

No sign of Orig. or Wis. Valley $\frac{1}{4}$

N.B. Valley notes say they ran E on $\frac{1}{4}$
 on Var 3 = 10' Another entry
 of same says Var 1 = 22'

Both entries fall same amt S.
 at S $\frac{1}{4}$ 17 (ie 1.01 at 122.86)

57 £17-37-5

Nov. 5th '38

Hall, Hasler + 3 enrollers.

Chain Ely in random found (V2°-18'E)

Nov 5th Nov 16th Corrected Total SWX18
 0 = Pople post found.
 1.824 at N. 598 pro rata E & W.

to	17.00	
	1.627	
	18.627	17.533
	35.795	34.723
	40.00	38.906
		42.601

" - W to NE to 1/4 S
 98°32' .976 ch.

This 1/4 S between $\frac{17}{20}$ accept locations as indicated by small square stakes in center of Cruisers marks + agreeing with a large Tamarac stp which we accept as BT other " not evident.

This also is about 101 lks N of old random found. (" - Wis Valley departure)

New	{ Cedar (crooked) 11"	N 64° W	.441
Var 0°	{ " 10"	N 43° E	.615

9/10/39 Set G.P. 1.647 N of 42.88 pro 1/4 S.

1/4 18	V. 10°	{ Tam 5° N 53° W	.651	on E & W Pro. rate (straight) 1/2 m
1/4 19				

£19-37-5

55

Nov. 7th '38 30° 1/2" snow

H + H + 3 enrollers.

Sly in random found.
 S = same as people post.

7.15	road	7	Var. 3°-03' E
20.16	34.913	40.	Hubs.

44 1/2 old road + enter Swamp.

48.86 Hub on ridge E & W 1ch wide.

49.00 re-enters spruce swp.

60.88 64.09 Hubs.

Nov 17th

71.932 Hub - Var 3°-15' E.

80.147 fall .059 E. of a post found
 - no sign of bridge cor.

Swamp contours indicates line
 must have been E. of here.

Sept 11th '39 Hall + Hasler

Set Co. 17-18-19-20 (on straight line pro-rate)

.597 N of 1.824 snow rod with welded top ⊕

from which 1 y. Pine 4° N 20° W 1.028

V 0° do 2 S 62° E .077

do 3 E .33

Set cedar post 6" W of iron

E 18-37-5

Nov. 15th '38 H+H + 3 enrolees.

Ely. on our picket line from

Offic. SW x 18 var 1° E.

" " (Capped pipe).

Nov. 28 H+H

25.622 Hub + enter swp

32.279 " " hr "

34.10 " on ridge ^{v 1°}35.00 re-enter swp
SE NW42.42 Hub in swp at
Valley Rec.
1.34 ch. S. of a random.

44.02 Hub + hr. swp

46.21 " road N+S.

x 59.327 Hub on island

φ 73.61 ¹/₄ flag E of channel.Nov. 16th '38

Re-meas. from 46.21

x 54.332 Hub on island

φ 68.61 ¹/₄ flag on ice

72.71 hr. flowage

73.719 Hub

75.318 "

78.336 "

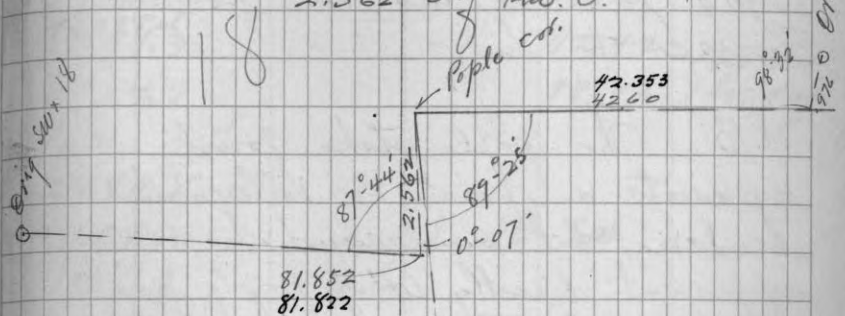
80.49 "

81.852 "

@ Valley Rec.

" ± on our N+S random

2.562 S of sta. 0.



∴ Assuming random E 18 as East:

	N	S	E	W
East			81.822	
N 2° 16' W	2.562	2.56		
N 88° 19' E	42.353	1.244	42.335	10
N 6° 51' E	.976	.969	.184	
	4.773		124.5172	
			= .03874	
			2° 12.1	
			∴ direct line = N 87° 48' E	
			124.264 ch.	

Since corners N. are in flowage + we are unable to find any evidence in a mile south + since road is becoming impassible; we give Hassler's data on a direct line from SWx18 to S $\frac{1}{4}$ 17 + he ties his flowage traverse to this.

N.B. The pole stake found represents a point on Valley's ESW random, but said random is not apparent directly W of pole post.

Since we measured this line 3 times + still disagree with Valley notes, must conclude Valley survey or make an error. We can get no record of his random findings on $\frac{1}{4}$ 18 + 19.

11/28/38 face Ely Meas. thru windfall

1368' flowage Var 3° E.

2640' or "

+ 40 ±

2680 ± fall 5' ± N of SEx17 Ough. B.T.

Neas { Cedar 4" N 13° W 16.3'
Hem 6" N 68° W 26.4'
Cedar 5" S 40° E 17.8'

Var 0°

Nov. 28th 1938 Hall + Hassler +20°
Re-meas. Ely from Ough SWx18
100' tape.

1001.9'	Hub	
1690.4	"	marked 25.622
2250.	"	34.10
42.358 ch.	"	42.42 (SW + N)
2798.3	"	44.02 + lv. swp
2904.2		

42.880
- 42.358

.522
14.5. Ely hub 1.647 N

3048.8	"	
3068	road NE. SW.	
3377.7	Hub	
3450		enter flowage NE + SW
3556	To island	
3584.3	Hub	marked 59.327
3610 ±	over island	SW + N
4800	lv flowage	SE + N
4863.4	Hub	marked 73.719
5168.3	"	78.336
5400.3'	"	81.852
"	"	81.822

787
- 77.161

10.543 Ely hub

departure meas. 1692' = 2.563 ✓

Ely from pole cor. 987.8 Hub = 14.966 1156.2 Hub = 17.518
2170 enter swp. NW + SE.

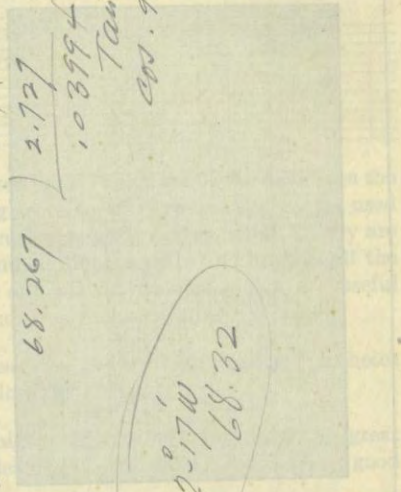
2566	Hub	marked 40.
"	=	38.879
{ 2795.3	on hub	42.601
= 42.353 ch.		" = 2811.6

Calc for E. Sec 6-38-5

(66)

Mar. 16th 188

Course	ch.	N	S	E.	W
A	N 89° 40' W	467			80.37
B	S 0° 07' W		71.47		.693
C	N 88° 07' E	2.736	83.19		
		3.203	71.47	83.19	80.423



K & E
LAPH SHEETS
1,03994 =
Tan 2° 17'
cos. 99921

County Monuments
Contemplated May 13th 188

39-5
orig. W 1/4 30
" N 1/2 " 28

38-5
orig. SE 1/4 34
" S 1/4 35

38-4
orig. S 1/4 14
" " 15
" W 1/4 24
" NE 1/4 33
" SW x 36
" S 1/4 6
" SE x 6
" SE x 5
" SW x 2
" NW x 2

37-4
orig. E 1/4 sec 1
" S 1/4 2
" E 1/4 2

= 17