

CORNER
RESTORATION
T147N R 31W

CORNER RESTORATION T147N R 31W

MINING TRANSFER LOG

1887A

BOOK 4

BOOK #4

USFS

FULL BOOK

T147N R31W 5-16 P.M.

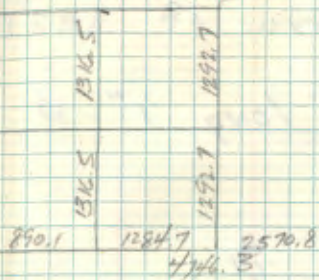
BELTRAMI COUNTY, MINN.

				28	25	26-27
71 70 69	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20 21	19 21	18 19	17 18	16 17	24
	57	56	55	52	53	8
				49	50	32 33 34 67 68
						87 40
30	29	28	27	51	38	39 66 25
						35 91
	23	24	28		11	
27	26	31	36	35	34	36
	61	65	62	64		

Colored Numbers Near Corner
Refer To Page ON which Notes
for That Corner May be found.

SW 1/4 Sec 6

256.7



Book 4

7. 1/4 Cor 22-23
Notes of G.I.O. Survey of 1931

Set Iron Post 3' long 1" ϕ
w/brass Cap MKD

1/4
S22 | S28
19 31

Poplar 10" N21 $\frac{1}{2}$ $^{\circ}$ E 16 IKs (10.56')

balsam 6" S52 $\frac{3}{4}$ $^{\circ}$ W 16 IKs (10.56')

2 North 1/6 Cor 22 - 23
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD.

N 1/6
S 22 | S 23
19 31

Cedar 10" S 29 $\frac{1}{2}$ °E 435 IKs (287.1')

Poplar 8" S 64 $\frac{3}{4}$ °W 354 IKs (233.64')

3 West 1/6 14 - 23
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" dia
w/brass Cap MKD.

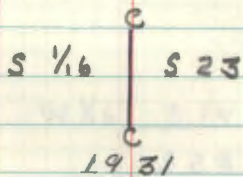
W 1/6 514
523
1931

Tan 8" S16 3/4°W 45 IKs (29.70')

Tan 5" N53 1/2°W 71 IKs (46.86')

4 South $\frac{1}{16}$ Sec 23
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD.



Tam post 9' x 3 1/2" as
accessory to the Cor.

5. Center $\frac{1}{4}$ Sec 23
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass Cap MKD

C $\frac{1}{4}$ S 23

1931

Bal. Bid 16" S $73\frac{1}{2}^{\circ}$ E 190 Iks
(125.4')

Oak 20" N $16\frac{1}{4}^{\circ}$ W 227 Iks
(149.82')

6 North $\frac{1}{16}$ sec 23
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass Cap MKD.

C
N1/16 | S23
C
1931

Cedar 7" N22 $\frac{1}{4}$ °E 33 IKs (21.78')

Cedar 8" S19 $\frac{1}{2}$ °W 39 IKs (25.74')

7. West $\frac{1}{16}$ sec 23
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

$\frac{e W \frac{1}{16} e}{S 23}$
1931

Oak 14" S $2\frac{1}{4}^{\circ}$ E 234 IKs (154.44')

Poplar 16" N $85\frac{1}{2}^{\circ}$ W 157 IKs (103.62')

B South East $\frac{1}{16}$ Sec 23
Notes of G.L.O. Survey of 1931

Set iron post 3' long 1" ϕ
w/brass cap MKD

SE $\frac{1}{16}$ 23
1931

Elm 6" N1°E 29 1/2 (19.14')

Birch 10" S 79 $\frac{1}{2}$ °W 90 1/2 (59.40')

9 South West $\frac{1}{16}$ sec 23
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MHD

Brass Cap is on West bank of
Turtle River

WC

SW $\frac{1}{16}$ S 23

1931

Tan post 9' long as
accessory to Corner

10 North West $\frac{1}{16}$ sec 23
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

NW $\frac{1}{16}$ S 23
1931

Oak 8" N54°E 4.07 chs. (268.62')

Asch 6" N4 $\frac{1}{4}$ °W 6.74 chs. (449.84')

11

East 1/6 sec 27-34

Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKO.

E 1/6	S 27
	S 34
	1931

Red Oak 6" N 14 1/4° E 67 IRs (44.22')

Red Oak 5" S 31 1/4° E 70 IRs (46.20')

12 N-1/6 East 1/16 Sec 15-22
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap M.K.D.

E 1/16	<u>515</u>
	522
	1931

Flsh 8" S 0°30'E 315.1Ks (207.90')

EIM 16" S 22 1/4°E 242.1Ks (159.72')

Searched 3 Mav hrs But no
evidence found of Brass Cap
on B.T.'s. also chained North from
NE 1/6 S 22 13200' area where
this point falls is out in Meadow
which has been flooded and
possible ice action has destroyed
Corner

8-18-64

James Chilton

5/20/93 RM-CK

RAN LINE AT NW COR FROM NE 1/16 1267.2' TO
E 1/16 - NO IRON COULD BE LOCATED AT THIS TIME
FALLS IN MARSH GRASS 75' EAST OF TURTLE
RIVER - BY OLD NOTES IRON AT E 1/16 SHOULD
BE 11.2' E OF RIVER - NEED TO SEARCH AGAIN -
WILL E.D.M. TO SEC COR. TO EAST 20.07 = 1324.62
W.C. 1/4 COR. AT 39.40 CHS. = 2600.4'
TRUE 1/4 COR. SHOULD BE AT 40.16^{2650.56} IN TURTLE RIVER
NO B.T.'S. COULD BE FOUND - MANY WINDFALLS
DUE SOUTH OF CORNER AREA - IN TREES STANDING
RAIN SHORTENED SEARCH TODAY - WILL BE BACK
SOON

13 Center $\frac{1}{4}$ sec 22
Notes of G.L.O. Survey of 1931

Set iron post 3' long $\frac{2}{4}$ " ϕ
w/brass cap MKD

FOUND 18" OF IRON PIPE C $\frac{1}{4}$ S 22

WITH FLANGES IN PLACE 1931

CAP AND OTHER 18" ARE GONE

Oak 12" N 84 $\frac{1}{2}$ ° W 66 IKS (43.56)

NOW 17" W. OAK N 86° W - 43.6' SCRIBE OVER GROWN
HAS SCAR TO COR.

poplar 12" S 28° E 34 IKS (22.44)

BEARING AND DISTANCE FALLS AT EAST EDGE OF ROAD

TO PERPETUATE THIS CORNER SET 5 $\frac{1}{2}$ " X 5 $\frac{1}{2}$ " X 24"
CONCRETE MONUMENT 14" BELOW ROAD SURFACE

WITH 3" DIA. BRASS TABLET MARKED

IRON RESET BESIDE OUR T 147 N R 31 W

MONUMENT 8-22-78 C $\frac{1}{4}$ S 22

Curtis R. Krause 1978

WITNESS BY RLS NO 12261

W. OAK 17 N 86° W 43.6' MKD. BT

W. OAK 11 S 74° E 42.31' MKD. C $\frac{1}{4}$ S 22 BT

N. PINE 19 N 9° E 127.30' MKD. C $\frac{1}{4}$ S 22 BT

SET 4" X 4" X 8' CEDAR POST DUE EAST 21.51' BOTH SIGNS

OPEN LINE BRUSHED EAST FROM CORNER
PAINTED AND POSTED TO STANDARD

Notes of G.I.O Survey of 1931
 North Center $\frac{1}{16}$ sec 22

Set Iron post 3' long 1" ϕ
 w/brass cap MRD

N $\frac{1}{16}$ S 22

1931

Birch 6" N $68\frac{1}{2}^{\circ}$ E 41 1/2s

(27.06')

Spruce 6" N $84\frac{1}{2}^{\circ}$ W 35 1/2s

(23.10')

15 Angle point No 3 Sec 22
Notes of G.L.D. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

5/20/93 RM-CK

FD, IRON & CAP - IN PLACE

TR 1216
AP 3

IN GOOD CONDITION - 6" ABOVE S 22

SWAMP

1931

(641.5) N $\frac{3}{4}$ S

9.72 chs from North Center
 $\frac{1}{16}$ Sec 22

NO BT'S.

MARKED NEW BT'S

CEDAR 12" N7E 44.35' AP S22 BT

CEDAR 10" N56E 21.45' MKD AP S22 BT

8' STEEL SIGN POST NORTH 3.90'

8' STEEL SIGN POST EAST 2.50'

100' \pm SW OF FR 2177 AT CORNER OF CEDAR STAND

CC DONE

East 1/6 sec 22
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD.

E 1/6
S 22
1931

N. Pine 8" N 50 3/4° E 20 IKs (13.20')

N. Pine 10" S 65 1/4° E 27 IKs (17.82')

[Faint handwritten notes on grid paper, mostly illegible]

Notes of G.L.O. Survey of 1931
 North East $\frac{1}{16}$ sec 22

Set Iron post 3' long 1" ϕ
 w/brass Cap MKD.

5/20/93 RIM-CK

ED. IRON + CAP - BENT NE $\frac{1}{16}$ S 22

IN PLACE - STRAIGHTEN IRON 1931

6" ABOVE GROUND

ELM 8" N 66 $\frac{1}{2}$ ° E 3 IKs (1.98')

NOW ELM STUB 11" x 9" HIGH N 66° E 1.98' WIRE GROUND
 INTO ELM

ELM 8" S 13° W 38 IKs (25.08')

NOW ROTTEN ELM STP + WINDFALL S 13° W 25.1'

MARKED 3 NEW BT'S.

N. PINE 10 S 84° W 15.80 MKD NE $\frac{1}{16}$ S 22 BT

N. PINE 9 S 7° W 20.15' " "

N. PINE 7 S 57° E 35.60 " "

8' STEEL SIGN POST EAST 4.10'

" " " " NORTH 3.80'

Angle point No 4 sec 22
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/ brass cap MKD

TR 1216

17P4

S 22

9.60 Chains North of North
East $\frac{1}{16}$ sec 22

5/20/93 RM+CK

CHAINED N1W FROM NE $\frac{1}{16}$ - 633.6' AND
FELL IN OPEN FIELD - EDGE OF WOODS N+5
IS ABOUT 50' WEST OF OUR LINE AND DISTANCE
NO IRON COULD BE LOCATED - CONTINUE
NORTH TO SEARCH FOR E $\frac{1}{16}$ - CHAINED 633.6'
ENDS UP IN MARSH GRASS ABOUT 75' EAST
OF TURTLE RIVER - NO IRON WAS FOUND AT
E $\frac{1}{16}$ - WHEN WE GOT BACK TO NOTES IN TRUCK
I FOUND THAT E $\frac{1}{16}$ COR. WAS ^{OR 11.2'} 17 LKS. EAST
OF TURTLE RIVER - OUR LINE SHOULD HAVE
BEEN FARTHER WEST OR RUN AT N3W
FROM NE $\frac{1}{16}$ - RAIN LATER - WILL GO BACK LATER
AND SEARCH AGAIN

19 p. 9 1/4 Cor Sec 20 - 21
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

Fd. IRON CAP IN PLACE 1/4
8" BELOW ROAD SURFACE S 20 S 21
IRON IS 2.5' WEST OF $\frac{1}{4}$

1931

J. Pine 6" N 23° E 68 1Ks (44.88')

BEARING DISTANCE FALLS UNDER POWERLINE IN CLEARING

N. Pine 6" N 39 1/2° W 110 1Ks (72.6')

NOW 17" N. PINE N 40° W 72.6' SCRIBE OVERGROWN

RESCRIBED N. PINE "BT"

TO PERPETUATE THIS CORNER MARKED 3 NEW BT'S.

J. PINE 7 S 67° E 93.21 MKD 1/4 S 21 BT

J. PINE 8 N 63° W 75.60 MKD 1/4 S 20 BT

N. PINE 6 S 76° W 43.64 MKD 1/4 S 20 BT

9-6-78

Arthur R. Kamm

20 M.C. 19-20 North Shore Flora In
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKO.

T 147 N R 31 W

S 19 | S 20

M C

19 31

Cedar 8" N 83 $\frac{1}{2}$ ° E 33 145 (21.78')

Cedar 7" N 65° W 24 145 (15.84')

2' D-8
CORNER East $\frac{1}{16}$ sec 20
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

Fd. IRON CAP IN PLACE

3" ABOVE GROUND

$\left(\frac{E \frac{1}{16} }{C} \right)$

10" CEDAR FENCE POST

S 20

IS 12" SE OF IRON

1931

N. Pine 10" N $47\frac{1}{4}^{\circ}$ E 45 IHS
(29.70') NOW 18 N. PINE N 47° E - 29.7' SCRIBE OVERGROWN
N. Pine 8" S $47\frac{1}{4}^{\circ}$ W 77 IHS
(50.82') NOW PINE STP. S 47° W - 50.8' SCRIBE VISIBLE ^{820 BT}

TO PERPETUATE THIS CORNER MARKED 2 NEW BT'S.

N. PINE 18 N 53° W 43.85' MKD CE $\frac{1}{16}$ S 20 BT

W. OAK 7 N 75° E 20.72' MKD CE $\frac{1}{16}$ S 20 BT

N. PINE 18 N 47° E 29.70' RESCRIBED BT

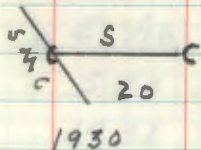
9-6-78

Clinton R. Keamer

R9-7150-4 by Kane 1978

22 Sec 20 P-78
S.M.C. North East Shore L/Flora
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD



Cedar 6" N 32 $\frac{3}{4}$ ° E 28 IKs (18.48')

Cedar 8" S 66 $\frac{1}{2}$ ° E 34 IKs (22.44')

R-9-7130-4 by D. Kane 1978

23
V-3 1/4 Cor Sec 30-31
Notes of G.I.D Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

1/4 530
531
1931

Birch 6" N57°E 35 IKs (23.10')
SAWED OFF STUMP

poplar 10" S 84 1/4°E 45 IKs (29.70')
17" ASPEN @ BEG & DIST. DYING

1978 KANE

Ed BRASS CAP 4" ABOVE GROUND IN CENTER OF WOODS Rd.

RESET 6" BELOW GROUND. MKD NEW WITNESSES:

R.OAK 8 573E 102.05

R.OAK 6 521E 38.97

R.OAK 6 572W 112.35

4x4 WOOD POST SOUTH 7.0 FT

RA-7150-4 by Kane 1978

Sec Cor 30-29-31-32
Notes of G.L.O. Survey of 1931

Set a Concrete Monument
w/brass Cap MKD

T147N	R31W
530	529
531	532
1931	

(Orig Maple Rescribed
N83°E 26 IKs

Birch 6" S15³/₄°E 58 IKs (38.28')

Maple 12" S83°W 37 IKs (24.42')

Birch 8" N50°W 39 IKs (25.74')

Basswood 8" S30¹/₂°W 72 IKs (47.52')

25 X-5 1/4 Cor Sec 31-32
Notes of G.L.A Survey of 1931

Set post 3' long 1" ϕ
w/brass Cap M.K.O.

Found Iron $\frac{1}{4}$ Cap, in place $\frac{1}{4}$
12" above ground. 531 | 532
In good condition

1931

poplar 14" S40 $\frac{3}{4}$ °E 35 1Ks (23.10')

Found Aspen str. at brg. $\frac{1}{2}$ dist. (Well rotted)

Birch 6" S45°W 39 1Ks (25.74')

Found Birch stub with Flat blaze at brg. $\frac{1}{2}$ dist.

New Bts.

ASH 11" N24°E 37.2 Ft. scribed $\frac{1}{4}$ S32 Bt.

ELM 6" N85°E 38.8 Ft. scribed $\frac{1}{4}$ S32 Bt.

ASH 7" S20°E 38.7 Ft. scribed $\frac{1}{4}$ S32 Bt.

Set steel post due South 4.5 ft. with F.S.
signs 54-2, 54-4 ATTACHED

2-29-72

FSLP on 4" Iron wood 535' North Curtis R. Krumm
of $\frac{1}{4}$ Cor. South side of
Resort Road To BIG LAKE

R9-7152-4 by Kane 1978

26 Center $\frac{1}{4}$ sec 31
Notes of G.I.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

C $\frac{1}{4}$ S 31
1931

R. PINE $48\frac{1}{2}$
W. PINE 4" N $93\frac{3}{4}^{\circ}$ E $38\frac{1}{2}$ 1Ks (25.4')

SCRIBING VISIBLE ON LIVING RED PINE

N. PINE 4" S $47\frac{1}{2}^{\circ}$ W $17\frac{1}{2}$ 1Ks (11.55')

NO TRACE REMAINS, POWER LINE CLEARING.

Nov 8, 1978 STEFAN, KRAUSE, HAYES

MEASURED DISTANCE FROM $\frac{1}{4}$ WEST &

FOUND .81 LONG & BEARING $0^{\circ}11'40''$ OFF.

ACCEPTED MONUMENT AS CORRECT LOCATION.

NOTING ERROR IN SPECIES & 10/14S LONG

TO NORTHEAST BT. ME

27
CENTER West $\frac{1}{16}$ sec 31
Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD.

W $\frac{1}{16}$ C
S 31
1931

Birch 6" N22°E 42.1Ks (27.72')

N Pine 10" S40°W 90.1Ks (59.40')

Cor Falls 11.1Ks South Road Center

28 1/4 Cor Sec 29-32

Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ
w/brass cap MKD

1/4 S 29
S 32
1931

Found steel shaft at Corner
so put it BACK as an accessory
to Corner along with ash stake
5' long.

29 S. 29-532
MC West Shore Big Lake
Notes of G.L.O. Survey of 1931

Set iron post 3' long 1" ϕ
w/brass cap MKD

T147N
529 MC
532
R 31W
1931

Set a tamarak stake 8' long
as an accessory to corner.

30 Center $\frac{1}{4}$ Sec 32

Notes of G.L.O. Survey of 1931

Set iron post 3' long 1" ϕ
w/brass cap MKD

C $\frac{1}{4}$ S 32

1931

Set tamarack stake 7'
as a accessory to corner

31 ~~West~~ X-6 ^{DK} Center $\frac{1}{16}$ ^{affidavit} sec 32.

Notes of G.L.O. Survey of 1931

Set Iron post 3' long 1" ϕ

w/brass cap MKD

Found Iron $\frac{1}{2}$ cap in place

In good condition $\frac{1}{2}$ CW $\frac{1}{16}$ C

12" above ground S 32

1931

Tam 3" S 30° E 19 IKs (12.54')

Now a 7" TAM. SNAG at bry $\frac{1}{2}$ dist. (scribe visible)

Cedar 7" N 8° W 59 IKs (38.94')

Now a 10" Cedar at bry $\frac{1}{2}$ dist. (scribe shown)

New Bts.

Cedar 8" N 46° W - 49.7 Ft. scribed CW $\frac{1}{16}$ S 32 Bt.

Cedar 10" N 21° W - 37.1 Ft. scribed CW $\frac{1}{16}$ S 32 Bt.

Cedar 8" S 68° E - 32.9 Ft. scribed CW $\frac{1}{16}$ S 32 Bt.

Set steel sign post due North 1.8 Ft. with
F.S. signs 54-2 & 54-4 attached.

2-29-72

Anto R. Kramer

32

Witness for West $\frac{1}{16}$ Sec's 23-264.46 chains west of true point for corner
which falls in Turtle river.

Survey by GLO IN 1931

Set iron post 3' x 1" ϕ , 28" in ground with
brass cap MKD

	W.C.
$\frac{W1}{16}$	<u>S 23</u>
	S 26
	1931

From which bears

poplar 7" S $57\frac{1}{2}^{\circ}$ W 92 Lks (60.72')Cedar 7" N 48° W 353 Lks (232.98')

33

Quarter Corner Sec. 23-26

Survey by GLO IN 1931

Set iron post 3' x 1" ϕ , 30" in ground with
brass cap mko

$\frac{1}{4}$ S 23
S 26
1931

No accessories available

Set tam. stake 9' x 4" set 4' in ground

34 East $\frac{1}{16}$ Corner Sec's 23-26

Survey G.L.O. in 1931 - H+ prop. dist.

set iron post 3' x 1" ϕ , 28" in ground

with brass cap MKD E $\frac{1}{16}$ $\frac{S23}{S26}$

1931

NO accessories available

set cedar stake 7.5' x 4" sq., 3' in ground

35

Center South $\frac{1}{16}$ Section 26
Survey by GLO IN 1931 - at prop. dist.
set iron post 3' x 1" ϕ , 30" in ground
with brass cap mxd. S $\frac{1}{4}$ | S 26

^c
1931

From which bears

Norway pine 14" N $12\frac{1}{4}^{\circ}$ E 66 Lks (43.56')

poplar 8" S $37\frac{1}{4}^{\circ}$ E 193 Lks (127.38')

36 Center $\frac{1}{4}$ Corner Section 26

Survey by G.L.O. in 1931. - at proportionate
distance set iron post 3' x 2" ϕ , 30" in
ground with brass cap marked

C $\frac{1}{4}$ S 26
1931

Norway Pine 8" S 63° E 170 Lks (112.20')

Birch 8" N 80° W 120 Lks (79.20')

R9-7150-4 by Kane 1978

37 Center North $\frac{1}{16}$ Section 26

Survey by GLO in 1931. proportionate dist.
set iron post 3' x 1" ϕ , 30" in ground with
brass cap mko

N $\frac{1}{16}$ | S 26
C

from which bears

Cedar 6" N 49° E 28 Lks (18.48')

Cedar 7" S 12° W 49 Lks (32.34')

38 Center West $\frac{1}{16}$ Section 26

Survey by GLO in 1931. at prop. dist
set iron post 3' x 1" ϕ , 30" in ground with
brass cap mko.

From which bears:-

poplar 5" S $48\frac{3}{4}^{\circ}$ E 32 Lks (21.12')

Tamarack 7" N $16\frac{1}{4}^{\circ}$ W 107 Lks (70.62')

1978 KANE

FD BRASS CAP. GLO TAM ALIVE GLO ASPEN IS
STUMP HOLE AT BAG & DIST.

TAM (GLO) 12" N16W ~~70.62~~
NOW 14" STANDS DEAD 10-19-2010

W OAK 6" N66E 53.00 MKD: CW $\frac{1}{16}$ S 26
NOW 9" 10-19-2010

SPRUCE 4" S06W ~~89.26~~ TAG ONLY
NOW 11" 10-19-2010

METAL SIGN POST 2.98 SOUTH. 4x4 Wood POST
461.0' SOUTH

R9-7150-4 by Kane 1978

10-19-2010 R. MAEN

FD IRON IN PLACE AND GAS. CORNER IS
40 FT SOUTH EAST OF TAM SWAMP ON NORTH
FACING SLOPE.

NEED CUT
RUN NORTH

JIM KANE FRICK
LSM

4-27-26
1314.72
80.1

39

Center East $\frac{1}{16}$ Corner Sec. 26

Survey by GLO in 1931. - at prop. dist.

set iron post 3'x1" ϕ , 30" in groundwith brass cap MKD $\frac{E \frac{1}{16} C}{S 26}$
1931Norway pine 8" S $5\frac{3}{4}^{\circ}$ E 22 LKs (14.52')Norway pine 11" N $61\frac{1}{2}^{\circ}$ W 18 LKs (11.88')

A9-7150-4 by Kane 1970

40

North East $\frac{1}{16}$ Corner Sec. 26

Survey by G.L.O. in 1931 - set iron post
3' x 1" ϕ , 30" in ground with brass cap

MKD.

NE $\frac{1}{16}$ S 26
1931

NO accessories available - set cedar stake
8' x 4" x 4" - 3' in ground alongside iron post

41

Southwest $\frac{1}{16}$ Section 26

Survey by GLO IN 1931 - set iron post
3' x 1" ϕ , 30" IN ground with brass cap
marked:-

SW $\frac{1}{16}$ S26
1931

from which bears

poplar 4" S38°E 13 Lks (8.58')

Jack pine 7" N32 $\frac{1}{4}$ °W 35 Lks (23.10')

Angle Point 3 of Allotment 193 and Angle
point 2 of Allotment 415 Sec. 23

Notes of GLO Survey of 1931

Set Iron post 3' x 1" ϕ , 30" in ground with
brass cap MKD.

522	^{TR 193} AP 3 <hr style="border: none; border-top: 1px solid black;"/> AP 2 TR 415	523
	1931	

No B.T.s noted.

43

Angle Point 2 of Allotment 71 Section

23. Notes of Survey by GLO in 1931

set iron post w/ brass cap MKD.

S 23

HP 2

TR 71

1931

No bts noted

44 Angle point 3 of Tract 41 Sect. 23

Notes of GLO survey of 1931 - st. iron
post 3' x 1" ϕ , 28" IN ground with brass
cap mkd.

TR 41
AP 3
523
1931

No B.T.s noted.

45

A.P. 4 of TR. 193 & A.P. 1 of TR. 415

Section 23. Notes of survey by GLO

IN 1931 - set iron post 3' x 1" ϕ , 28" in.

ground w/ brass cap MKD

TR. 193	S 23
A.P. 4	
A.P. 1	
TR. 415	
1931	

NO BTs noted.

46

Special Meander Corner on E-W Center
Line Sec. 34 on East bank Big Lake

Notes of GLO survey in 1931.-

set iron post 3'x1"φ, 30" in ground with
brass cap MKD

no accessory

Cor. is 7.60 ch. West of $\frac{1}{4}$ cor

sec. 34-35

S
34
C
1931

47

Angle pt. 2, TR 33 Sec. 34
 Notes of GLO survey in 1931. - set iron
 post 3' x 1" ϕ , 30" in ground with brass
 cap MKD. ~~T197N R31W~~

534 / AP 2
 TR 33
 1931

No BTs noted

Main road bears S 22° W 0.90 ch. From Cor.

Ed. IRON AND CAP IN PLACE - IN GOOD CONDITION

6" ABOVE GROUND

TO PERPETUATE THIS CORNER MARKED 2 NEW BT'S.

W. OAK 8 N 66° E 18.00' MKD. AP 2 S 34 BT

W. OAK 10 S 66° E 35.10' MKD AP 2 BT S 34

8' STEEL SIGN POST SET DUE EAST 4.6' BOTH SIGNS

8' STEEL SIGN POST SET S 22° W 3.8' BOTH SIGNS

5-6-77 Curtis R. Kranec

A.M.C. Sect. 34 on E-N shore of
Big Lake. Notes of GLO survey of
1931:- set iron post 3' x 1" ϕ , 28" in ground
with brass cap MKD

T147N R31W
S34/S34

TAKEN OUT BY ICE AND WATER

A.M.C.

From which bears

1931

ELM 14" N53°30'E 219 Lks (144.54')

NOW 19" ELM N53E 144.5' FROM POSITION IN LAKE

ELM 8" N4°E 220 Lks (145.20')

NOW 14" ELM N4E 145.2' FROM POSITION OF CORNER
WHICH NOW FALLS IN BIG LAKE.

TO PERPETUATE THIS CORNER - SET 2" X 5' LONG
GALVANIZED STEEL PIPE, WITH CONCRETE INSIDE
AND CAPPED WITH 3" DIA BRASS TABLET MKD.

T147N R31W

WC
AMC / 0 S34
K 1977

WITNESSED BY

RLS ND

ASH 7 N22E 57.1' MKD WC AMC S34 BT

ASH 12 N36W 81.65' MKD WC AMC S34 BT

8' STEEL SIGN POST SET N22E 3.6' BOTH SIGNS

5-6-77

Clinton R. Kramer

BOTH B.T.S. WERE CHOPPED OPEN BY PRIVATE SURVEYOR
BUT ARE ALIVE AT PRESENT TIME

ESTABLISH POINT OF GLO MONUMENTED POSITION IN LAKE
FROM BOTH B.T.'S. - SET INSTRUMENT OVER IRON PIPE
AT AP2-SIGHTED STRAIGHT LINE AND ESTABLISH
POINT 100' FROM TRUE POSITION IN LAKE

5-6-77 CRK

49

W 1/16 Corner Sections 22-27

Notes of GLO survey in 1931 - QT prop.
 dist. set iron post 3' x 1" ϕ , 30" in
 ground with brass cap mkd.

10-4-79 CK-GB W 1/16 $\frac{S 22}{S 27}$

no accessories available 1931

FOUND IRON $\frac{3}{4}$ " CAP IN PLACE 2" ABOVE GROUND
 BASE IS WELL SET WITH FLANGES IN PLACE
 CHAINED WEST FROM $\frac{1}{4}$ COR. 1320. S'-CHECKED OK
 CHAINED SOUTH FROM SW $\frac{1}{16}$ 1308. I'-CHECKED OK
 MARKED NEW BT'S.

W. OAK 4 S38E 24.05'

W. OAK 9 N45W 116.90'

W. OAK 12 S46W 147.10'

8' STEEL SIGN POSTS EAST 4.0' & NORTH 5.0'

50 p-15

Quarter Corner Sections 22-27

Survey by GLO in 1931 - Notes read:-

Set iron post 3'x1"φ, 30" in ground

with brass cap mkd

$\frac{1}{4}$ S22
S27
1931

From which bears.

Orig. BTs IRON $\frac{1}{2}$ CAP IN PLACE - 10" DEEP

Jack pine stump 12" N35°E 32 Lks (21.12')

DISTANCE FALLS AT EDGE OF ROAD

Fallen pine 12" S17°W 14 Lks (9.24')

DISTANCE FALLS IN ROAD

New BTs marked by GLO

Norway pine 12" N53 $\frac{1}{4}$ °E 103 Lks (62.98')

NOW N. PINE AT BRG $\frac{1}{2}$ DIST. SCRIBE VISIBLE

Norway pine 10" S47 $\frac{1}{2}$ °E 171 Lks (112.86')

NOW N. PINE STUMP AT BRG $\frac{1}{2}$ DIST. SCRIBE VISIBLE

TO PERPETUATE THIS CORNER - SCRIBED 2 NEW BTs.

N. PINE 9 N34W 94.85 MKD $\frac{1}{4}$ S22 BT

N. PINE 7 N81W 124.93' MKD $\frac{1}{4}$ S22 BT

4"X4"X8' CEDAR POST DUE WEST 31.35 $\frac{2}{3}$ S4-2 - '54-4

9-1-78

Carl R. Kraus

Center East $\frac{1}{16}$ Sec. 27Notes of GLO survey in 1931:- at prop.
distance set iron post with brass

cap MKD

$$C \frac{E \frac{1}{16} C}{527}$$

from which bears

1931

Norway pine 16" S $38\frac{1}{2}^\circ$ E 49 Lks (32.34')Jack pine 12" N $78\frac{1}{2}^\circ$ W 71 Lks (46.86')

52 Quarter Corner Sections 21-22

Notes of GLO survey of 1931 - point for
corner determined from orig. B.T.s.

set iron post 3' x 1" ϕ , 28" IN ground with
brass cap MKD

$\frac{1}{4}$
S 21 | S 22
1931

Orig. B.T.s

dead Tam. stub 12" N 72° E 102 LKs (67.32')

MKD "B" at base

dead Tam. stub N 10° W 47 LKs (31.02') MKD $\frac{1}{4}$ S "

New B.T.s MKD by GLO

Cedar 6" S 70 $\frac{3}{4}$ ° E 8 LKs (5.28')

Tamarack 5" N 74 $\frac{1}{2}$ ° W 27 LKs (17.82')

53 South West 1/16 Section 22

Notes of GLO survey of 1931 - set iron post 3' x 1" ϕ , 30" in ground with brass cap MKD.

SW 1/16 S 22

From which bears: 1931 10-4-79 CK-GB

Jack pine 10" S 86 1/2° W 227 Lks (149.82')

NOW J. PINE STUMP LEVEL WITH GROUND AT BRG. DIST.

Jack pine 12" N 86° W 224 Lks (147.84')

AT BRG. AND DIST.

NOW FACE BLAZE WITH SCRIBE 22 BT VISIBLE

FOUND IRON AND CAP IN PLACE 2" ABOVE GROUND

BASE WELL SET IN GROUND WITH FLANGES IN PLACE

TO PERPETUATE THIS CORNER - SCRIBED 3 NEW BEARING TREES.

W. OAK 6 S 74° W 163.75 MKD. SW 1/16 S 22 BT

R. OAK 7 N 84° W 85.37 MKD. SW 1/16 S 22 BT

R. OAK 5 N 33 ^E 112.23 MKD SW 1/16 S 22 BT

8' STEEL POST SET DUE SOUTH 3.8' BOTH SIGNS

8' STEEL POST SET DUE EAST 3.9' BOTH SIGNS

11-13-79

54

Meander Corner Sec's 20-21 on

North shore of big Lake

Notes of GLO survey of 1931

set iron post 3'x1" ϕ , 30" in ground w/
brass cap mxd.

T147N R31W

S 20 | S 21

M C

1931

from which bears

poplar 9" N33 $\frac{1}{2}$ °E 63 Lks (41.58')

birch 7" N88°W 35 Lks (23.10')

Center $\frac{1}{4}$ Sec. 21

Notes of GLO survey of 1931

Set iron post 3' x 2" ϕ , 30" in ground

with brass cap mkb. C $\frac{1}{4}$ S 21

From which bears 1931

Spruce 5" S 17° E 4.00 ch. (269.0')

poplar 3" N $77\frac{1}{4}^{\circ}$ W 86.13s (56.76')

Birch 7" N 88° W 75.12s (25.0')

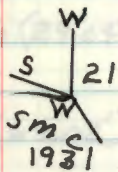
R9-7150-4 by Kane 1978

Center West $\frac{1}{16}$ Sec. 21

Notes of GLO survey of 1931: -

set iron post 3' x 1" ϕ , 30" in groundwith brass cap mkd. $\frac{W \frac{1}{16} C}{S 21}$
1931Tack pine 7" N $54\frac{1}{2}^{\circ}$ E 44 Lks (29.04')Spruce 6" S $85\frac{1}{2}^{\circ}$ W 97 Lks (64.02')

Special Meander Corner on the West
 $\frac{1}{16}$ Line of sec 21 North shore of
 Big Lake. Notes of GLO survey of
 1931. Set iron post 3' x 1" ϕ , 30" in
 ground with brass cap mxd:-

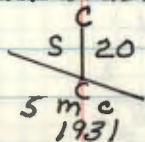


From which bears

Black Ash 7" NB $7\frac{1}{4}^{\circ}$ E 7 LKs (4.62')

White Ash 8" N $49\frac{3}{4}^{\circ}$ W 13 LKs (8.58')

Special Meander Corner on N-S
 center line of Sec. 20 on North
 bank of Flora Lake. Notes of GLO
 survey in 1931:- set iron post 3' x
 1" ϕ , 30" in ground with brass cap MKD



Cedar 8" S 48° E 8 LKs (5.28')

Cedar 5" N 16 1/2° W 44 LKs (29.04')

59

Center East $\frac{1}{16}$ Section 20

Notes of GLO survey of 1931 -

prop. dist. set iron post 3' x 1" ϕ , 30"~~Feet~~ in ground with brass cap MKD
$$\begin{array}{c} \text{C} \frac{\text{E } \frac{1}{16} \text{C}}{\text{S } 20} \\ 1931 \end{array}$$

From which bears:

Norway pine 10" N $47\frac{1}{4}^\circ$ E 45 Lks (29.70')Norway pine 8" S $47\frac{1}{4}^\circ$ W 77 Lks (50.82')

60 Special Meander on the E-W
center line of sec. 20 on East
shore of Flora Lake. GLO survey
of 1931 - set iron post 3' x 1" ϕ , 30"
in ground w/ brass cap mkd

$\frac{S}{E} \frac{S}{20} C$
1931

From which bears:-

Cedar 6" N $32\frac{3}{4}^{\circ}$ E 28 Lks (18.98')

Cedar 8" S $66\frac{1}{2}^{\circ}$ E 34 Lks (22.44')

61 ^{Y-5} South 1/16 Section 31-32 ^{Y-5}

Notes of GLO survey of 1931:- at prop.
dist. set iron post 3' x 1" ϕ , 30" IN ground
with brass cap marked S 1/16

S31 | S32

from which bears: 1931

Birch 10" N38 $\frac{1}{2}$ °E 35 Lks (23.10')

Poplar 8" N22 $\frac{3}{4}$ °W 69 Lks (45.54')

Found GLO Brass cap marked as described
above. 8-22-61 R#M

R#-7150-4 by Kane 1970

62 South Center $\frac{1}{16}$ Section 32

Notes of GLO survey of 1931:-
at proportionate distance set iron
post 3' x 1" ϕ , 30" IN ground with brass
cap mxd:-

S $\frac{1}{16}$ | S 32
C
1931

From which bears:

Ash 8" S $23^{\frac{3}{4}}^{\circ}$ E 16 Lks (10.56')

Ash 5" S $42^{\frac{1}{2}}^{\circ}$ W 30 Lks (19.80')

63 Special Meander Corner on East-West
center Line Sec. 32 on West bank of
Big Lake. Notes of survey by GLO
in 1931. Set iron post 3' x 1" ϕ , 26" in
ground with brass cap mkd

$$\begin{array}{c} \text{S} \\ \hline \text{32} \\ \text{1931} \end{array} \begin{array}{l} \text{S} \\ \text{C} \\ \text{M} \\ \text{C} \end{array}$$

Along side post set tam. stake 6' long
4" sq. 2½' in ground as an accessory.

64

Special Meander Corner on the
 South $\frac{1}{16}$ line section 32 on
 West bank of big Lake. Notes of
 GLO survey of 1931 - Set iron post
 3' x 1" ϕ , 28" in ground with brass cap

MKD

$$\begin{array}{r|l} S & S \\ \hline & 32 \\ & 1931 \end{array} \quad | \quad S$$

Alongside corner set Ash stake 7' Long
 4" sq. 3' in ground as an accessory.

65 Y-6
South West 1/16 Section 32 Y-6

Notes of GLO survey of 1931.

Set iron post 3' x 1" ϕ , 30" in ground with
brass cap mxd.

SW 1/16 S32

1931

From which bears:

ELM 16" S83/4°E 67 Lks (42.24')

Found ELM str. at brg 3/4 dist. (Well rotted)

Birch 10" N62 1/4°W 23 Lks (15.18') (now a 11" Birch
N62 1/4°W 15.18 feet.) (SNAG 1972)

Found the GLO Brass cap marked as described
above.

New Bts.

ASH 5" S66°E 25.3 Ft. scribed SW 1/16 S32 Bt.

ASH 8" S25°W 53.7 Ft. scribed SW 1/16 S32 Bt.

BIRCH 9" S59°W 34.8 Ft. scribed SW 1/16 S32 Bt.

Set steel sign post due East 46 Ft. with F.S.
signs 54-2 & 54-4 Attached.

2-28-72

Anto R. Kanan

R9-7150-4 by Kane 1978

66 Quarter Corner Sec's 25-26

Notes of GLO resurvey of 1931. Point
for corner determined from an orig. BT.

Set iron post 3' x 1" ϕ , 30" IN ground
with brass cap MKD. S 26 $\frac{1}{4}$ S 25

orig. BT 1931

Tam. stump 8" East 25 Lks (16.50') MKD
"4 S BT"

New bts by GLO

Cedar 8" N 54 $\frac{1}{2}$ ° E 29 Lks (19.14')

Cedar 6" S 35 $\frac{3}{4}$ ° W 28 Lks (18.48')

67 Corner Sections 23-24-25-26

Notes of GLO resurvey of 1931:-

found a Cedar stake $4\frac{1}{2}'$ above ground
4" sq. which is locally accepted as the
orig. sec. cor. in place of this stake
set a 6" dia. 26" long cylindrical con. mon.
with a $3\frac{1}{2}"$ dia brass cap MKD

T147N R31W	
S 23	S 24
S 26	S 25

No suitable accessories

1931.

reset cedar stake alongside corner

68 Meander Corner of Fractional Sec's
24-25 on West shore Big Rice Lake
Notes of GLO resurvey of 1931

set iron post 3'x1" ϕ , 28" in ground
with brass cap MKD

T197N
S24
S25
R31W
1931
MC

No accessories available

set a willow stake 7½' Long 3½" sq. 2½'
in ground alongside corner.

69 E-2

W $\frac{1}{4}$ between Secs 6 & 7

Notes of C.C. Spencer Co. Surveyor

May, 1924 Bk C p 110 Surveyor's Record

Set Hamrack post 3x3x4

Marked:

Tam 4" S85°W 13.6'

Tam 6" S21°E 378'

1285.4' to $3\frac{1}{4}$ Cor

890.1' to SW Sec Cor.

Ran south to corner from s.w. $\frac{1}{4}$
on County distance. $\frac{3}{8}$ East from
County distance. ended up in same
location from both directions but
No evidence found.

5-25-64

James E. Ely

70 D-2

SW 1/4 Cor Sec 6

Notes of C.C. Spencer (Co Sur.)

May 1924 B.C. p 110 Surveyor Record

W. Pine stp. 24" S5°W 41.8'

(Now a decayed Pine stump No Scribe Visible)

W Oak 22" N2°W 41.5'

(Now a Fallen Rotted Oak w/ scribe are

Facing corner w/ f.s. Location

Poster attached Posted 8/12/35.)

C.C. Notes state that in 1935 they found this corner w/ stake broken off at that time. They had found these BT's at that time both BT's checked to post were .64 chs or 49.24'

5-25-14 James Ekstrom

Set a 2 inch inside diameter, 60 inch long galvanized steel monument, filled with concrete and capped with a 3 inch diameter bronze tablet stamped ~

T. 147 N R. 31 W.

SW 1/4 S. 6

1964

R.L.S. No. 6807

Affidavit

W. Otterman
J. Ekstrom
8-13-64

New BT's:
Twp Oak 7' N86°W 36.6 feet scribed SW 1/4 BT
Twp Oak 4' S6°W 47.4 feet scribed SW 1/4 BT
Steel sign post 70" long due east 3.2 feet with signs S4-2 & S4-11 attached

21 C-2

CW 1/16 Cor Sec 6

Notes of C.C. Spencer (Co. Sur.)

May, 1924 BKC, p110 Surveyors Record

Cedar Post 3x3x4 (Not Found)

Cedar 6" N21°W 9.8'

(Not Found)

Spruce 6" S44°W 22'

(Now a stump w/ scribe 1/16 visible)

75' E of Loon Lake

5-25-64

James Ekstrom

Set a 2 inch inside diameter, 60 inch long
galvanized steel monument, filled with concrete
and capped with a 3" diameter bronze tablet
stamped -

T147N R31W

CW 1/16 - 56

1964

R.L.S. No. 6807

Affidavit

W. Okerman
J. Ekstrom
8-15-64

New B.T. 15:

Cedar 4" N5°E 5.3' scribed CW 1/16 BT

Spruce 5" N59°E 27.2 feet scribed CW 1/16 BT

Steel sign post 72" long due east, 4 steel
with signs 34.2 = side attached

C 1/4 Sec 6

Notes of C. C. Spencer (Co. Surveyor)
May 1924 Bk C, p110 Surveyors Record

Tamarack Post 4' x 4' x 5'

(Found scribed squared post at corner)

Cedar 6" N 18 1/2° W 84.7'

(Now a 9" Cedar N 23° W 84.7' Scribe Visible)

Spruce 6" N 4 1/2° W 81.8' 1/4 C3

(Not Found)

5-25-64

James Ekstrom

Set a 2 inch inside diameter 60 inch long
galvanized steel monument, filled with
concrete and capped with 3 inch diameter
bronze tablet stamped -

T 1/4 N R 31 W

C 1/4 Sec 6

1964

R.L.S. No. 6807

New B.T.

Cedar 8" N 60° W 102.4 feet scribed

C 1/4 Sec 6 BT

Steel Post due West 4.7' with signs 54-2659-4
attached.

Affidavit

W. Ekstrom
J. Ekstrom
8-15-64

73 ^{D-3}
CS 1/16 Sec 6

Notes of C.C. Spencer (Co. Surveyor)

May 1924 BLC, p110 Surveyors Record

Set past (Not Found)

Balsam 6' S84 $\frac{1}{2}$ ' E 25.5' - Fd S11 $\frac{3}{4}$ ' E 25.6'

(Now a Balsam 5x99, Scribbling Visible)

Elm 6' S11 $\frac{3}{4}$ ' E 18.6' - Fd at record by dot

(Now a 8" Elm scribbling Visible)

5-27-64

James Ekstrom

Set a 2 inch inside diameter galvanized
steel monument, 60 inches long, 2 1/2 inches
in ground and capped with a 3 inch
diameter bronze tablet stamped -

T141N. R31W.

CS. 1/16 S. 6

1964

R.L.S. NO. 6807

R9-7150-4 by Kane 1977

Affidavit

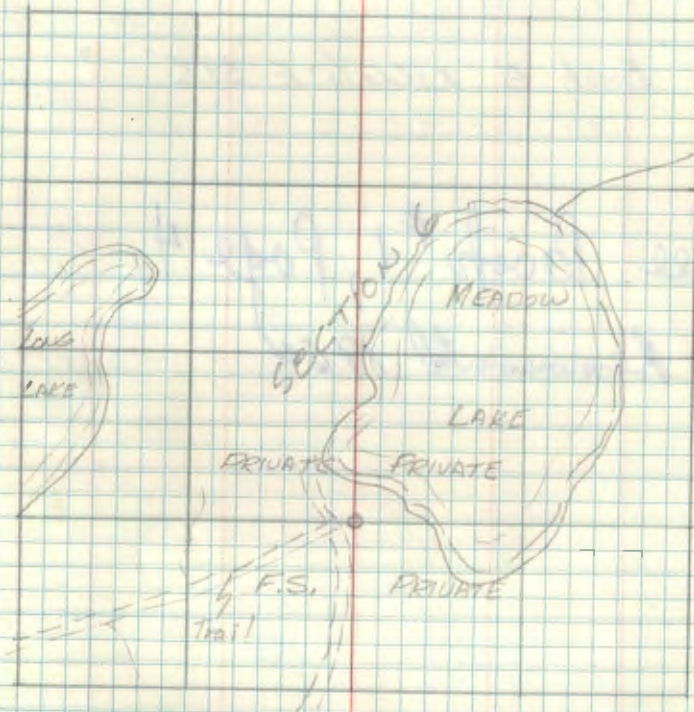
New B.T. 3

Elm 5" West 34.3 feet scribed CS 1/16 RT

Elm 8" (Co B.T.) S11 $\frac{3}{4}$ ' E 18.6 feet rescribed
RT

Steel Elm and 72" long set 24" in ground
Dip West 5.3 feet with signs 54-2 &
54-4 attached

W. OKERMAN
J. EKSTROM
6-8-64



W. Okerman

74

N $\frac{1}{4}$ Cor Sec 4

Notes of C.C. Spencer (Co. Sur)

1920 Bk 46, P117

Fd 2 gov't B.T.'s OK.

W.P. S56°E 92'

W.P. N45°E 60'

Mkd. Mark G S70 $\frac{1}{2}$ °W 51.5'

Birch S N66 $\frac{1}{2}$ °E 39.5' ?

See Book #1, Page 4.

Re-monumented 1964

75 A-21

Sec Cor

1-2-35-36

148-31

147-31

Notes of Orig. Hwy Survey

29 1874

Birch 10" N25°E 13 Lks - 8.58'

Birch 12" N62°W 20 Lks - 13.20'

Pine 10" S53°W 24 Lks - 15.84'

Fir 10" S20°E 6 Lks - 3.96'

Searched 1 May hr in road for
 corner but no evidence found,
 believe road construction has
 obliterated corner. only possible
 evidence pine stump but no
 scribing visible. old F.S. location
 posters state corner to fall
 in road.

5-19-64

James E. Etkin

SEE 148-31? THIS COR HAS BEEN MONUMENTED
 BY BILL OCKERMAN 1975

76A-23

Quarter Cor Sec 1-36
Notes of Orig Hart Survey
of 1874

Maple 8" $57\frac{1}{2}^{\circ}E$ 56 lks - 36.96'

Maple 10" $N49^{\circ}E$ 38 lks - 25.08'

Chained East 2640' From F.S. Posters
on Rd # 2177 No evidence found.
Search time 3 man hrs.

5-19-64

James Ekstrom

77 A-21, 22
Member Cor Sec 1-36

West Shore Pinnabe Lake

Notes of Orig. Mount Survey
of 1874

Ask 12" N82°W 40 Lks - 26.40'

Ask 7" S82°W 31 Lks 20.46'

Chained East 405.9' as per
Call for in Orig. Notes. But
at this point seems to far
south where line should cross
Bay of Lake so moved North
to shore for search but no
evidence found. Search time
2 Man hrs.

5-19-64

James Ekstrom

78 A, 1920

Meander Cor Sec 2-35

East Bank of South Twin Rk.

Notes of Orig Hort Survey of
1874

4. Pmc 12" N10°W 46 Lks - 30.36'

4 Pmc 6" S61°E 96 Lks - 63.36'

- No evidence found -

Search time

5-20-61

3 Man hrs.

James E. Johnson

29
 A-16-17
 T-147N R31W Meander Cor Sec 3-34
 West Bank of South Twin Lake

affidavit
 66

Notes of orig Surv'y
 of 1874

W Pine 10" 59 1/2° W 29 Lks. 19.14
 (Now a 28" 59 1/2° W 19.14' Scribe Marks visible)
 Poplar 3" N 72° W 34 Lks. 22.44

also found a 14" Aspen N 83° W
 27' w/scarre Facing Corner.

Found a 2" dia pipe at Corner.
 5-21-64 James E. Eaton

Scribed New BT's

Cedar 9" N 29° W 15.7 feet scribed MC 534 BT

N. Pine 11" S 51° E 11.8 feet scribed MC 53 BT
 Steel sign post due W. 12.4 feet with sign str 2 1/2" solid attached
 Set a 6" diameter cylindrical concrete monument
 60" long capped with a 3" diameter bronze
 tablet stamped π T. 148 N. R. 31 W

S3A M.C.
 T. 147 N. R. 31 W
 1964
 R.L.S. NO. 6807

CURVE TABLES.

Published by KEUFFEL & ESSER CO.
HOW TO USE CURVE TABLES.

Table I. contains Tangents and External to a 1° curve. Tan. and Ext. to any other radius may be found nearly enough, by dividing the Tan. or Ext. opposite the given Central Angle by the given degree of curve.
 To find Deg. of Curve, having the Central Angle and Tangent: Divide Tan. opposite the given Central Angle by the given Tangent.
 To find Deg. of Curve, having the Central Angle and External: Divide Ext. opposite the given Central Angle by the given External.
 To find Nat. Tan. and Nat. Ex. Sec. for any angle by Table I.: Tan. or Ext. of twice the given angle divided by the radius of a 1° curve will be the Nat. Tan. or Nat. Ex. Sec.

EXAMPLE.

Wanted a Curve with an Ext. of about 12 ft. Angle of Intersection or I. P. = 23° 20' to the R. at Station 542+72.

Ext. in Tab. I opposite 23° 20' = 120.87
 120.87 + 12 = 10.07. Say a 10° Curve.

Tan. in Tab. I opp. 23° 20' = 1183.1
 1183.1 + 10 = 118.31.

Correction for A. 23° 20' for a 10° Cur. = 0.16
 118.31 + 0.16 = 118.47 = corrected Tangent.

(If corrected Ext. is required find in same way)
 Ang. 23° 20' = 23.33° + 10 = 2.3333 = L. C.

2° 19 1/2' = def. for sta.	542	I. P. = sta.	542 + 72
4° 49 1/2' = " " "	+50	Tan. =	1 .18.47
7° 19 1/2' = " " "	543	B. C. = sta.	541 + 53.53
9° 49 1/2' = " " "	+50	L. C. =	2 .33.33
11° 40' = " " "	543 +	E. C. = Sta.	543 + 86.86
	86.86		

100 - 53.53 = 46.47 x 3' (def. for 1 ft. of 10° Cur.) = 139.41' =

2° 19 1/2' = def. for sta. 542.

Def. for 50 ft. = 2° 30' for a 10° Curve.

Def. for 38.86 ft. = 1° 50 1/2' for a 10° Curve.

