

CORNER REST.

T146N R30W

MINING TRANSFER

COPIA

BOOK #2

T146N R30W - BOOK #2

USFS

## INDEX

T146N, R30W

BOOK #2

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Colored numbers refer to page on which notes for that corner may be found. Meander corners are circled.

Note:

Original survey of the township boundaries was made by P.H. Conger in 1873. The township was subdivided by Benjamin C. Baldwin in 1875.

The western boundary was re-surveyed in 1932 under the direction of the General Land Office, in connection with the resurvey of T14N, R31W.

The resurvey of the remainder of the township was made by Hol D. Craig, of the G.L.O., in 1933.

2.

Quarter Corner - Sections 22 & 23

Notes of G.L.O. Resurvey of 1933:

By prop. distance, set an iron post,  
3' long, 1"  $\phi$ , brass cap mkd.:

$\frac{1}{4}$   
S22 | S23  
1933

J. pine, 4", N73°45'E, 85/ks (56.10'), B.T.

J. pine, 9", N57°15'W, 184/ks (121.44'),  $\frac{1}{4}$  S22 BT

3.

North  $\frac{1}{16}$  - Sections 22 & 23

Notes of G.L.O. Resurvey of 1933:

By prop. distance, set an iron post,  
3' long, 1"  $\phi$ , brass cap mxd

N  $\frac{1}{16}$   
522 | 523  
1933

Set a cedar stake, 5' long, 1"  $\phi$ ,  
alongside post as an accessory to corner.

4. Meander Corner - Sections 22 & 23 -  
Notes of G.L.O. Resurvey of 1933.

No evidence of orig. corner or B.T.S.

Set an iron post, 3' long, 1"  $\phi$ , brass cap mcd.

M.C.

S22 | S23  
T14N R30W  
1933

Set an oak stake, 6' long, 2"  $\phi$ , along side  
post as an accessory to corner.

S.E. (Right) Bank of Mississippi River

5. N, O-17

Affidavit N, O-17

Meander Corner - Sections 22 & 23 -

Notes of G.L.O. Resurvey of 1933.

No evidence of orig. corner or B.T.'s

Set iron post, 3' long, 1" φ, brass cap med

T146N	R30W	Found iron cap
S22	S23	

MC	leaning over in
1933	2' of water good condition

Corner in two ft. of water

Poplar, 14", S80°30'E, 346 lks (228.36'), 146N R30W S23 MC BT

No evidence found

Burr oak, 8", N66°30'W, 281 lks (185.46'), 146N R30W S22 MC BT

Found

Put in steel sign post right at

corner with sign set attached

also set steel sign post due

West 5.5 ft. wired iron post to steel sign post

11/12/68

Lyle Elliott  
Curt Krause

North (Left) Bank of Mississippi River

N-17  
Section Corner - Sections 14, 15, 22, & 23

Notes of G.L.O. Resurvey of 1933  
From remains of orig. bearing trees,  
set a cylindrical concrete monument, 24"  
long, 6"  $\phi$ , brass cap mxd

T146N	R30W
515	514
522	523
1933	

Orig. B.T.'s burned and rotting stumps.  
(Local a.r.)  
J. pine, 16", S44°45'E, 83 lks (54.78'), T146 R30

(New B.T.'s)

J. pine, 12", N23°30'E, 96 lks (63.36'), T146N R30W 514 BT

J. pine, 14", S26°15'W, 97 lks (64.02'), T146N R30W 522 BT

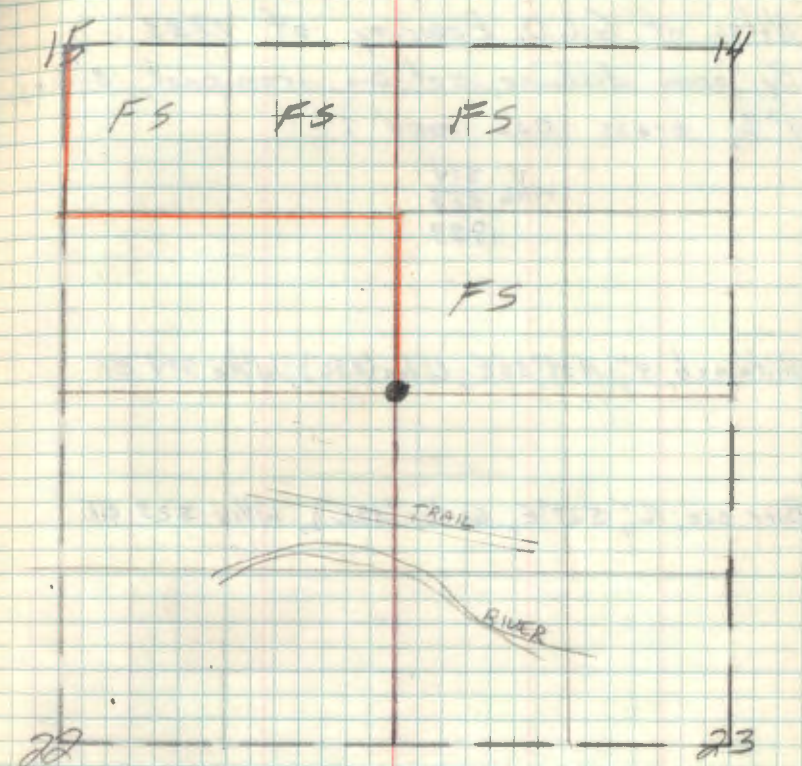
J. pine, 15", N11°45'W, 114 lks (75.24'), T146N R30W 515 BT

12/21/79 GARY BARRA: DAVE EASTMAN

FD CONCRETE MONUMENT FLUSH WITH GROUND & IN PLACE.

FD ORIG. J. PINE STR. & S. PINE STR. W/SCRIBE AT BEARING & DIST.

FD: G.L.O. (LOCAL) J. PINE STR. S45°W 54.78'



FD G.L.O. J. PINE STR. S45°W 75.24'  
G.L.O. W. PINE 19" S 25°W 63.79' (RECORDED AS J. PINE)  
G.L.O. J. PINE STR. N 23°E 63.36'

TO PERPETUATE CUT & NEW B.T.'s:  
W. OAK 10" S59°E 53.42' MND T146 R30W 522 BT.  
W. OAK 10" N12°E 93.36' MND T146 R30W 514 BT.  
TRAIL 13" N 42°W 121.81' MND T146 R30W 515 BT.  
RESCRIBED G.L.O. W. PINE STR. S 25°W 63.79' 522 BT  
B. STEEL SIGN POST: NORTH 3.45'  
B. STEEL SIGN POST: SOUTH 3.77'

LINE TO NORTH 15 TO F.S. STANDARDS  
R9-7150-4 BY BARRA (ENTERED IN THE BOOK BY T146 R30W 515 BT)  
Old logging road bears N 65°W! S 65°E about 17.76 chg. S of  
corner



7.

West  $\frac{1}{16}$  - Sections 14 & 23

Notes of G.L.O. Resurvey of 1933:

By prop. distance set an iron post, 3' long,  
1"  $\phi$ , brass cap mkd:
$$\begin{array}{r} w\frac{1}{16} \text{ 514} \\ \text{523} \\ 1933 \end{array}$$
White ash, 4",  $N34^{\circ}30'E$ , 60 lbs (39.6'),  $w\frac{1}{16}$  514 BTBurr oak, 16",  $S27^{\circ}E$ , 60 lbs (39.6'),  $w\frac{1}{16}$  525 BT

8.

Quarter Corner - Sections 14-23

Notes of G.L.O. Resurvey of 1933.

By prop. distance set iron post, 3' long,  
1"  $\phi$ , brass cap mxd.

$\frac{1}{4}$   $\frac{514}{523}$   
1933

Poplar, 6", S68°E, 33 lks (21.78'),  $\frac{1}{4}$  523 BT

Burr Oak, 5", N47°W, 11 lks (7.26'),  $\frac{1}{4}$  514 BT

9.

East  $\frac{1}{4}$  - Sections 14 & 23  
Notes of G.L.O. Resurvey of 1933.

By prop. distance set on iron post,  
3' long, 1"  $\phi$ , brass cap med:

E  $\frac{1}{4}$  514  
323  
1933

N. pine, 12", N24 $\frac{1}{4}$ °E, 27 ks (17.82'), E  $\frac{1}{4}$  514 BT

S. pine, 14", S70°W, 155 ks (102.3'), E  $\frac{1}{4}$  523 BT

10. M-17

South  $\frac{1}{16}$  - Sections 14 & 15

Notes of G.L.O. Resurvey of 1933

By prop. distance, set on iron post,  
3' long, 1"  $\phi$ , brass cap mxd

S  $\frac{1}{16}$   
S 15 | S 14  
1933

Tamarock, 4", S  $27^{\circ}4'$  E, 52  $\frac{1}{2}$  (34.32'), S  $\frac{1}{16}$  S 14 BT

W. pine, 4", N  $14^{\circ}2'$  W, 71  $\frac{1}{2}$  (46.86'), S  $\frac{1}{16}$  S 15 BT

1/8/80 GARY BRAMA

FD. I.P. W/B.C. 4" ABOVE GROUND

FD. TAM. 7" S  $28^{\circ}$  E 52  $\frac{1}{2}$

FD. W. PINE 10" N  $15^{\circ}$  W 71  $\frac{1}{2}$

TO PERPETUATE, CUT ONE NEW BT.

TAM 6" N  $56^{\circ}$  W 39.09'

8' STEEL SIGN POST WEST 2.66'

8' STEEL SIGN POST SOUTH 3.16'

LINES WEST & SOUTH ARE TO F.S. STANDARDS.

R9-7150-4 BY BRAMA (ENTERED IN THIS BOOK BY M.C.A.)  
2/5/80

11. L-17

Quarter Corner - Sections 15-14  
Notes of G.L.O. Resurvey of 1933  
From remains of Orig bearing  
trees set a 3' long 1"  $\phi$   
w/brass Cap MKD.

$\frac{1}{4}$   
S15 S14

1933

Orig B.Ts

Poplar 18" N58°W 201Ks or (13.20)<sup>o</sup>

New B.Ts

Norway pine 10" S87 $\frac{1}{2}$ °E 241Ks or (15.82)<sup>o</sup>  
 $\frac{1}{4}$  S 14 B.T.

White pine 14" N50 $\frac{3}{4}$ °W 221Ks or (14.62)<sup>o</sup>  
 $\frac{1}{4}$  S 15 B.T.

12.

North  $\frac{1}{6}$  Section 14 & 15  
 Notes of G.L.O. Resurvey of 1933.  
 By prop Distances set a 3' long  
 1"  $\phi$  w/brass Cap MKD.

N $\frac{1}{6}$	
S 15	S 14
19 33	

W. Oak 5" N  $53\frac{1}{4}^{\circ}$  E 55 1Ks (34.98')  
 N  $\frac{1}{6}$  S 14 13T.

W. Oak 5" S  $27\frac{1}{2}^{\circ}$  W 19 1Ks (12.54')  
 N  $\frac{1}{6}$  S 15 13T.

12/79 GARY BRAMA & DAVID ESTAN

FD. I.P. SET 6" ABOVE GROUND IN PLACE W/ B.C.

FD. W. OAK 9" N  $53^{\circ}$  E 34.98' (RESCRIBED B.T.)

FD. W. OAK 10" S  $27\frac{1}{2}^{\circ}$  W 12.54' (RESCRIBED B.T.)

TO PERPETUATE, CUT NEW BT. & RESCRIBED B.T. ON G.L.O. TREE

W. OAK N  $33^{\circ}$  W 71.56' MKD. N  $\frac{1}{6}$  S 15 BT

0' STEEL SIGN POST NORTH 3.33'

8' STEEL SIGN POST SOUTH 3.16'

NORTH'S SOUTH LINES TO F.S. STANDARDS

R9-7150-4 BY BRAMA (ENTERED IN THE BOOK BY 700.5)  
 1/181

13.

Angle point # 1 section 15 & 14  
 Notes of G.L.O. Resurvey of 1933  
 By prop. distance set a 3' long  
 1"  $\phi$  Iron post w/brass Cap MH

12.46 Chains From S15 S14

N  $\frac{1}{16}$  sec 15-14

Ed IRON  $\frac{3}{4}$ " CAP - IN PLACE

10" ABOVE GROUND - IN GOOD COND.

HPI  
 TR 167

1933

Oak 4" S  $22\frac{1}{2}^{\circ}$  W 801K<sub>s</sub> (39.60')  
 HPI TR 167 S15 BT

12-26-79 BRAMA

Ed I.R. IN PLACE UP 7". MKD NEW BT

W.OAK 7 N  $69^{\circ}$  W 80.54 MKD: CLIRBS15 BT

STEEL SIGN POSTS NORTH 2.88 FT SOUTH 2.65 FT

MKD TEMP BT'S

W.OAK 12 N  $52^{\circ}$  E 17.3' BTMS 2-27-78

W.OAK 8 S  $24^{\circ}$  W 40.6' BTMS

SET 3" MAPLE POST 1' EAST OF IRON

2-27-78 CRK

14. J-17

Section Corner Sections 10-11-14-15  
Notes of G.L.O. Resurvey of 1933  
by prop distance set on Concrete  
Monument w/ brass Cap M.H.D.

T146N R30W

S10 S11

S16 S14

1933

Orig Bats

Tam stp 15" N11°E 58 IKs (38.28')

W. pine stp 36" South 16 IKs (9.90')

W. pine stp 36" S13°W 38 IKs (25.08')

Tam. stp 10" N20°W 62 IKs (40.92')

New B.T.s

Oak 12" N32°~~W~~<sup>E</sup> 73 IKs (48.18')

Oak 6" S73½°E 74 IKs (48.84')

Oak 10" S23°W 50 IKs (33.00')

birch 8" ? S88°W 18<sup>?</sup> IKs

2-27-78 BRK-118

FL. CONCRETE MON. IN PLACE 2" ABOVE GROUND  
IN GOOD CONDITION - AT EDGE OF SWIP. TO NORTH  
FL. GLO B.T.S.

BIRCH SWAG 9" S88W - N. 9' SCRIBE OPEN - VISIBLE

W. OAK 12" S23W - 83.0' SCAR FACING EDR.

W. OAK 11" S74E - 48.8' " " "

W. OAK N32E - 48.2' " " "

PUT ASUP ON 8" BIRCH N53E - 4.5' FROM COR. MONU.

12/26/79 GARY BRAMA

FL. MONUMENT (B.T.S. LISTED ABOVE). CUT NEW B.T.

TAM. 7" N74°W 68.0' MID TULAR 30W S105E

8" STEEL SIGN POST EAST 3.1'

8" STEEL SIGN POST SOUTH 3.2'

LINE TO THE SOUTH 15° E.S. STANDARD.

R9-7150-4 by BRAMA (ENTERED IN THIS BOOK BY MAC N.)  
2/5/80



15.

Quarter Section 11 & 14  
 Notes of G.L.O. Resurvey of 1933  
 from Remains of Orig Bearing  
 trees set on Iron post 3' long  
 1"  $\phi$  w/brass cap MKD

$\frac{1}{4}$	S 11
	S 14
	19 33

Orig. B.T.s

Tan stp 5" N15 $\frac{1}{2}$ °W 27 IKs (17.82')

Tan stp 4" S1 $\frac{1}{2}$ °E 46 IKs (30.36')

New B.T.s

Tanarack 3" S42 $\frac{1}{4}$ °W 16 IKs (10.56')

Spruce 4" N26 $\frac{1}{4}$ °W 57 IKs (37.62')

16.

Quarter Section 10 3 11

Notes of G.L.O. Resurvey of 1933  
 From Remains of Orig Bearing trees  
 set a 3' long 1"  $\phi$  iron post  
 w/brass cap MKD.

	1/4	
510	511	
1933		

Orig B.Ts

Burned N. pine stp N35°E 611ks (3.96')

Burned W. pine stp 14" N56°W 271ks (17.82')

New B.Ts

Oak 8" N81°35'E 4251ks (275.50')

Oak 9" S53°3/4°W 781ks (51.48')

North  $\frac{1}{16}$  Sections 10 & 11  
 Notes of G.L.O. Resurvey of  
 1933, by prop distance set a  
 3' long 1"  $\phi$  iron post w/brass  
 Cap MKD.

N  $\frac{1}{16}$   
 510 | 511  
 1933

Tamarack 5" N  $4\frac{3}{4}^{\circ}$  E 1741Ks (114.84')

Tamarack 4" N  $13\frac{1}{4}^{\circ}$  W 2591Ks (170.94')

18. E-17

Section Corner Sections 3-2-10-11

Notes of G.L.O. Resurvey of 1933  
Set an Concrete Monument w/brass  
Cap MKD. (Found marking corner)

T146N R30W

Fd. CONCRETE CYLINDER  $\frac{3}{4}$  CAP 53 52

IN PLACE - LEANING SOUTH 510 511

IN THICK ALDER  $\frac{3}{4}$  TAM. SWP. 19 33

2-9-78 CRK

No Remaining evidence of Orig  
post or bearing trees.

But a tamarack post was found  
w/scribe for correct sections.  
also a  $1\frac{1}{2}$ "  $\phi$  gas pipe was found  
set level w/ground.

Spruce 6" N64°E 661Ks (43.56')

Spruce 6" S31 $\frac{1}{4}$ °E 481Ks (31.68') (Now  
spruce stub scribed T146NR30W S11 BT S31 $\frac{1}{4}$ E 31.68

Tamarack 6" S61°W 611Ks (40.26')

(Now 15" Tam S61°W 40.26' scribe overgrown)

Tamarack 5" N37°W 1051Ks (69.30')

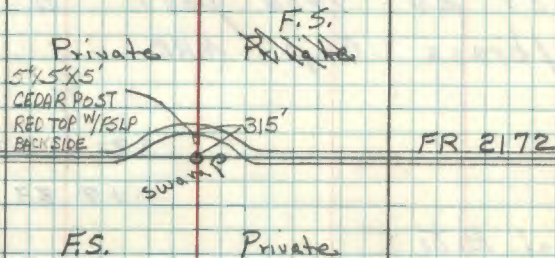
(Now 7" Tam N37°W 69.3' some scribe visible)

Affidavit RM

E-17

3

2



10

11

I rescribed 2 BTs and marked 1 new BT  
Tamarack 13" S38 $\frac{1}{2}$ °E 38.7' MKD S11 BT  
Tamarack 15" S61°W 40.5' MKD S10 BT  
Tamarack 7" N37°W 69.3' MKD S3 BT

12/29/61 RM McDonald

Fd 15" TAM. S39E - 38.7' SCRIBE CLOSED  
Fd 17" TAM. S61W - 40.5' SCRIBE CLOSED PAINTED & TAGGED  
Fd 9" TAM. N37W - 69.3' SCRIBE CLOSED -  
PUT ESIA ON SW BT 2-9-78 CRK MB

See Book 3 Page 34 (cont.)

Quarter Sections 33 & 34  
 Notes of G.L.O. Resurvey of 1933  
 Corner was set by determined  
 bearing objects of records in  
 Beltrami Co.

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

1/4
533   534
19 33

## Local B.T.s

J. pine stp 15" N 64 $\frac{1}{2}$ ° E 79 $\frac{1}{2}$  lks (52.47')

J. pine stp 17" N 69 $\frac{3}{4}$ ° W 91 lks (60.06')

## New B.T.s

R. Oak 8" S 67° E 57 lks (37.62')

J. pine 12" S 77 $\frac{1}{2}$ ° W 128 lks (84.48')

Section Corner Sections 28-27-33-34  
Notes of B.L.O. Resurvey of 1933  
From Remains of Orig B.T.s  
Set a Concrete Monument  
w/brass Cap MKO.

T146N R30W

S28 S27

S33 S24

1933

### Orig B.T.s

burned J. pine stub 18" N70°E 176 IKs (115.50')  
burned J. pine stp 14" N62½°E 180 IKs (118.80')  
burned J. pine stp 14" S89°W 139 IKs (91.74')  
burned J. pine stp — N40°W 104 IKs (68.64')

### New B.T.s

N. pine 16" N66¼°E 237 IKs or (156.42') — BADLY ROTTED WINDFALL SCRIBE VISABLE.  
J. pine 8" S37¼°E 215 IKs or (141.90') — NO EVIDENCE  
J. pine 8" S79¾°W 110 IKs or (72.60' New 16" WITH TAG  
J. pine 6" N40½°W 59 IKs or (38.94') — WINDFALL W/ SCRIBE AND TAGS  
WINDFALL

7-31-2008 R.M.A.I.N

FD MONUMENT FLUSH WITH GROUND WEST OF CORD  
#39 @ TOE OF FILL AND EDGE OF WOODS. GPS  
MONUMENT. PLACE 8 FT STEEL SIGN POST ON  
WEST EDGE OF MONUMENT WITH ATTENTION  
SIGN.

21. V-15

Quarter Section 27 &amp; 34

Notes of G.L.O. Reserve of 1933. By prop distance set a Iron post 3' long 1"  $\phi$  w/ brass cap MKD

(Found w/ top bent  $\frac{1}{4}$  S 27  
over but base in S 34  
place marking Cbr.) 1933

J. pine 12" N 47 $\frac{1}{2}$ ° E 68.1Ks (44.88')

Falls in a disced plantation

J. pine 7" S 62 $\frac{3}{4}$ ° E 57.1Ks (37.62')

Now a 12 inch Jack pine w/ scribe overgrown at record bearing & distance.

To perpetuate this corner I marked

Jack pine 8 inch S 6° W 22.9 feet MKD  $\frac{1}{4}$  S 34 BT

Steel sign post 72" long set 24" in ground w/ signs 54-25' 54-4 attached due East 3.3 feet

Cedar post 4" x 4" x 72" long penta-treated w/ red top due North 0.8 feet

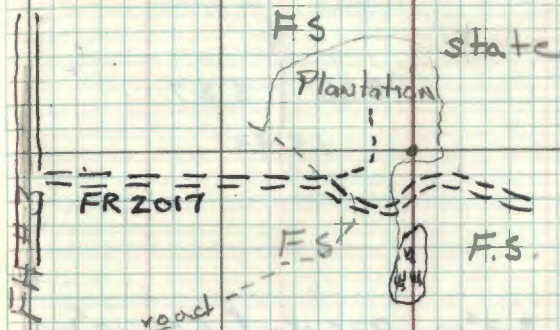
5-2-63 G.H.M. Dnd

Affidavit  
RHM

v-15

27

7/30/08 R MAIN  
FD IRON IN PIKE AND GPS. ALL 1996 BTS AND POSTS  
ARE GOOD



34

11/4/96 CK

FD 1" IRON - IN PLACE - BUT BENT OVER FLUSH WITH GROUND - STRAIGHTEN IRON IN PLACE - CAP IS 8" ABOVE GROUND - AT SOUTH EDGE OF 30 YEAR OLD N. PINE PLANTATION - IN VERY THICK BRUSH APPROX. 250' NORTH OF FOREST ROAD 2017 4X4 POST IN PLACE - BUT IS ROTTING AT BASE REMOVED 6' STEEL POST 1963 J. PINE IS NOW ROTTED STUMP W/TAG 6LO J. PINE S 63° E 37.6 IS WELL ROTTED STUB 48" HIGH WITH BOUNDARY SIGN ON LOG

MARKED NEW BTS.

N. PINE 10.15 N 13° W. 19.65' MKD  $\frac{1}{4}$  S 27 BT

N. PINE 8 S 75° E 20.03' "  $\frac{1}{4}$  S 34 BT

N. PINE 9.5 S 69° W 27.50' "  $\frac{1}{4}$  S 34 BT

8' STEEL SIGN POSTS NORTH 2.60' EAST 3.55'

22.

Quarter Section 28 & 27  
 Notes of G.L.O. Resurvey of 1933  
 From Remains of Orig Bearing trees  
 Set a 3' long 1"  $\phi$  Iron post  
 w/brass Cap MKD

S 28	S 27
19	33

Orig. B.T.s

W. pine 18" S 3° W 835 IKs (551.10')

New B.T.s

J. pine 10" S 55° 23' E 642 IKs (423.72')

J. pine 8" S 54° W 292 IKs (192.72')

9-24-80 BELTRAMI CO  
 SEE CORNER CERT



23. R-13

## Section Corner Sections 21-22-28-27

Notes of G.L.O. Resurvey of 1933

From Remains of Orig Bearing Trees

Set a Concrete Monument w/brass

Cap MKD

(Found in place)

T146N R 30W

S 21 S 22

S 28 S 27

19 33

Orig B.T.s

- ① N. pine <sup>stp</sup> 28" S 52½° E 37 IKs (24.42') O.K.
- ② N. pine <sup>stp</sup> 30" S 20¾° W 170 IKs (112.20')
- ③ N. pine <sup>stp</sup> 30" N 71½° W 123 IKs (81.18')

New B.T.s.

- ④ W. Oak 6" N 87½° E 20 IKs (13.20') 10" O.K.
- ⑤ R. Oak 6" S 26½° E 10 IKs (6.60')
- ⑥ W. Oak 4" S 60° W 66½ IKs (43.89')
- ⑦ Poplar 2" N 60¼° W 31 IKs (20.46')

Affidavit RHM

R-13

- ① Found 28" pine stump scribed BT at record bearing & distance.
- ② Found 30" pine stump w/ blaze facing corner at record bearing & distance.
- ③ Found 30" stump badly burned at record bearing and distance.
- ④ New a 10" Oak N 87½° E 13.2'
- ⑤ New decayed Oak stump S 26½° E 6.6 feet.
- ⑥ Not Found
- ⑦ New a Aspen stump w/ blaze facing corner at record bearing & distance.

Marked New BTs

White Oak 9" S 59° W 37.35 MKD S 28 BT  
Steel sign post 72" long, 24" in ground w/  
signs 54-2 & 54-9 attached West 2.5'  
Oak 10" N 87½° E 13.5

8-28-62 H. McDonald

SEE BOOK #3 Pg. 53 FOR  
RESTORATION INFORMATION

27.

West  $\frac{1}{16}$  Sections 22 & 27  
 Notes of G.L.O. Resurvey of 1933  
 by prop distance set an iron  
 post 3' long 1"  $\phi$  w/brass Cap  
 MKD.

W $\frac{1}{16}$	S 22
------------------	------

S 27
------

1933
------

poplar 10" S  $24\frac{1}{4}$ W 1391Ks or (91.74')

poplar 8" N  $68\frac{3}{4}$ W 1331Ks or (87.78')

25. R-15

Quarter Sections 22 &amp; 27

Notes of G.L.O. Resurvey of 1933  
From Remains of Orig Bearing  
Trees. Set a 3' long 1"  $\phi$  Iron  
pipe w/brass cap MKD.

(Found in place marking <sup>corner</sup> <sub>RHM</sub>) $\frac{1}{4}$  S22S27  
1933burned N. pine stp N39 $\frac{1}{2}$ °E 49 Iks (32.34')N. pine 33" S20 $\frac{1}{2}$ °W 56 Iks (36.30')

I add B.T. at base of tree

(Now stump of windfall at record bearing &amp; dist. w/scribe plain.)

New B.T.s

J. pine 12" N8 $\frac{1}{2}$ °W 36 Iks (23.76')

(Now Jack pine windfall with scribe visible at record bearing &amp; distance.)

To perpetuate this corner I mko 3 new B.Ts

Red Pine 22" N32°E 49.9 Feet mko  $\frac{1}{4}$  S22 B.T. SNAGRed Pine 9" N71°W 71.6 Feet mko  $\frac{1}{4}$  S22 B.T. SNAGRed Pine 9" S84 $\frac{1}{2}$ °W 95.1 Feet mko  $\frac{1}{4}$  S27 B.T. GONE

3-6-63 J.A.McDonald

Affidavit

RHM

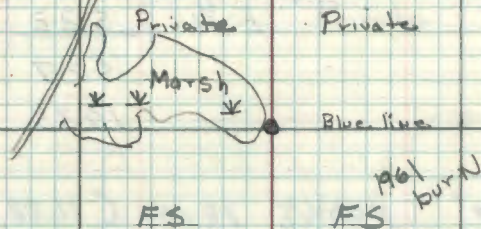
R-15

8-4-2008 RHM 22  
GPS IRON ALL 1963 B.TS ARE SNAGS OR GONE.

R PINE 13" S18°E 66.20 FT TO SPK MKD: S27 BT

W OAK 8" S72°E 31.73 FT TO SPK MKD: S27 BT

8 FT STEEL SIGN POST 4.1' WEST



27

Set a Steel Sign post 72" long

24" IN GROUND due East 8.48'

w/ signs 54-2 &amp; 54-4 attached.

8-27-63

James E. Hartum

26, R-16

East  $\frac{1}{16}$  Sections 22 & 27

Notes of G.L.O. Resurvey of 1933

by prop distance set a iron  
post 3' long 1"  $\phi$  w/brass Cap.

MKD

(Found in place marking  
corner.)

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

S 27

1933

J. pine 7" N 80 $\frac{3}{4}$ ° E 18.14s (11.88)

(Now a pine stump decayed N 80 $\frac{3}{4}$ ° E 11.88 Feet.)

J. pine 8" S 43 $\frac{1}{4}$ ° E 36.14s (23.76)

(Now a 10" J. Pine stump MKD BT S 43 $\frac{1}{4}$ ° E 23.76 Feet.)

To perpetuate this corner I marked two new  
bearing trees.

Jack pine 15" N 15° E 39.9 Feet MKD E  $\frac{1}{16}$  S 22 BT

Jack pine 10" N 59° W 38.0 Feet MKD E  $\frac{1}{16}$  S 22 BT

3-6-63 G.H. McDonald

Steel sign post 72 inches long set 24 inches  
in ground w/ signs 54-2 & 54-7 attached  
due East 4.55 Feet. 7-26-63 RHM

Affidavit  
RHM

R-18

22

Private

Private

E.S.

F.S.

Trail  
1961 Burn

27

27. Q-13

South  $\frac{1}{16}$  Sections 21 & 22

Notes of G.L.O. Resurvey of 1933  
by prop distance set a iron  
post 3' long 1"  $\phi$  w/brass Cap  
MKD.

(Found in place marking  
corner.)

S	$\frac{1}{16}$
S 21	S 22
19	33

Oak 6" S  $16\frac{3}{4}^{\circ}$  E 20.1Ks (13.20)

(Now a 10" Oak S  $16\frac{3}{4}^{\circ}$  E 13.2 Ft. w/scar facing corner.)

Oak 4" S  $45^{\circ}$  W 52.1Ks (34.32)

(Now a 8" Oak S  $45^{\circ}$  W 34.32 Ft. w/scar facing corner)

To perpetuate this corner I marked

Oak 10" S  $16\frac{3}{4}^{\circ}$  E 13.2 Ft. Re-scribed BT-BT

Oak 6" S  $61^{\circ}$  W 6.3 Feet MKD S  $\frac{1}{16}$  S 21 BT

Steel sign post 72 inches long set 29 inches  
in ground w/ signs 54-2 & 54-4 attached

Due North 3.0 Feet.

4-25-63 RHM Donald

Affidavit RHM

Q-13

28. P-13  
 Quarter Section 21 & 22  
 Notes of B.L.O. Resurvey of 1933  
 by prop distance set a iron  
 post 3' long 1"  $\phi$  w/ brass Cap MKD.  
 (Point for corner Falls  $\frac{1}{4}$   
 in Road approx. 2ft S 21 | S 22  
 of fill.) 1933

J. pine 10" N 69 $\frac{1}{4}$ ° E 81 IKs (.53.46) (Now  
 a 1 $\frac{1}{2}$ " Jack pine mkd "1/4 S 22" N 69 $\frac{1}{4}$ ° E 53.96 feet)  
 N. pine 14" N 32 $\frac{1}{4}$ ° W 84 IKs (.55.44)  
 (Now a 21" Red pine mkd "1/4 S 21" N 32 $\frac{1}{4}$ ° W 55.44  
 feet.) [scribe overgrown who] Measurement to fence (rail)  
 (Dip needle fails to locate post.) 4-25-63 RHM

Set a 6" diameter 24" long cylindrical  
 concrete monument, capped with a 3"  
 diameter bronze tablet stamped z

T146N R30W  
 $\frac{1}{4}$   
 S 21 | S 22  
 1964  
 R.L.S. No. 6807

Set 4" below road grade.

AFFIDAVIT  
 11/31/78

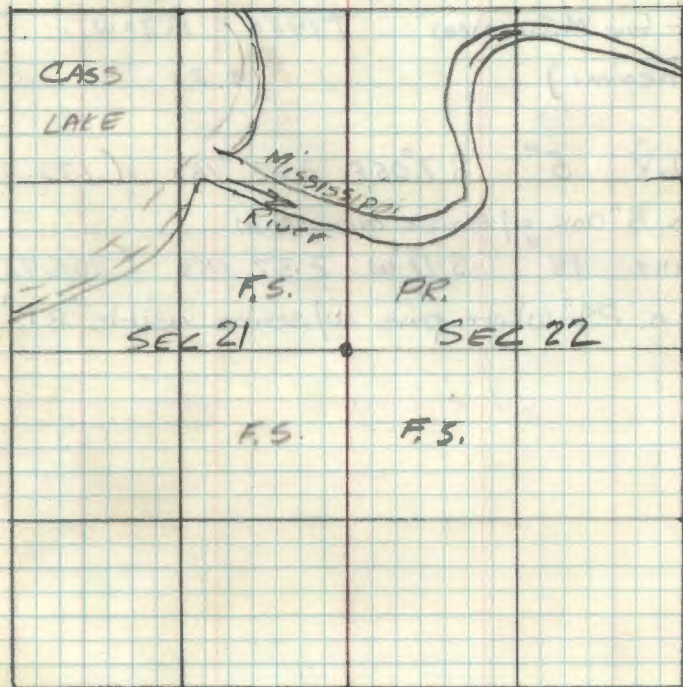
P-13

W. OKERMAN  
 JERSTROM  
 7-29-64

New B.T.'s:  
 J. Pine - G.L.O. scribe ok  
 R. Pine - G.L.O. rescribed 1/4 S 21

Steel sign: 72" long, set 24" in ground  
 with signs 54-2 & 54-4 attached due  
 North

Note: See Book 43 (1976) for new B.T's.



okerman

29. O, P 13

S 21 S 22

Meander Cor right bank of Mississippi  
Notes of B.L.O. Resurvey of 1933  
Set an iron post 3' long 1" d  
for witness to Orig Meander Cor.  
of Sec 21 - 22 on right bank  
of Mississippi w/brass cap MKD

(Found post on south bank w/c  
of river but not in M.C.

place bank has eroded, S 21 S 22

point for M.C. now T 146 N R 30 W

in stream.) 19 33

W. Oak 5" S 7.05'E 262 IKs (172.92')

Now a 8" oak w/ scribe overgrown

W. pine 14" S 11.1'W 237 IKs (156.42')

Now a 24" white pine w/ scribe visible "RT"

30. S-21-22  
Meander Cor Left Bank of Mississippi

Notes of G.L.O. Resurvey of 1933

Set a 3' long 1"  $\phi$  Iron pipe  
w/brass cap MKD

T146N	R30W
S21	S20
19	33

Set a Cedar stake 7' long 4" Square  
alongside of iron post as an  
accessory to the corner.



31 0-13

Affidavit

0-13

North  $\frac{1}{16}$  sections 21 22

Notes of G.L.D. Resurvey of 1933

By prop distance set a 3' long  
1"  $\phi$  iron post w/ brass cap MK2

found pipe in good N  $\frac{1}{16}$

condition 12" above S21 S22

ground. 1933

found old post poor condition

No tree available

Set an oak stake 6' long 4"  $\phi$  in  
ground alongside of iron post  
as accessory to the corner.

2. Steel sign post 6' long with  
standard ES signs 5' attached

✓ 1st one set Due North 6.5'

other set Due West 6.6'

Nov. 12, 1968

Lyle Elliott

Curt Krause

32. N-13

Section Corner Sections 15-16-22-21  
Notes of G.L.O. Reserve of 1933  
Set a Concrete Monument  
level w/ surface of ground  
w/ brass Cap MKD.

Note

Brass Cap is MKD T146N R30W

Backwards in G.L.O. S15 S16

Notes. S22 S21

19 33

This Corner was recognized and  
accepted as Marking true Corner  
by adjoining land owners, and  
accepted as such.

Local B.T.'s

J. pine 15" N 30°W 1001 Ks or (66.00')

poplar stp 15" S 53 1/2°W 491 Ks or (32.34')

New B.T.'s

① W. pine 14" N 51 1/4°E 871 Ks (57.42')

② W. pine 12" S 77 1/2°E 394 Ks (260.04')

③ poplar 18" S 84 3/4°W 204 Ks (134.64')

AFFIDAVIT

N-13

J. EKSTROM

W. OLFMAN

7-29-64

~~Now a 16" white pine with same visible~~  
Set a 6" diameter 24" long cylindrical concrete  
monument capped with a 3" diameter bronze  
tablet stamped 2 T146N R30W

S16 | S15

S21 | S22

1964

R.L.S. NO. 6807

New B.T.'s

S15 S16 CK. MH. J.A.G.B.

W. Pine 21" N 45°E 76.1 feet scribed S15 BT-5444th.

Ed. W. Pine 24" at brg. &amp; dist.

J. Pine 9 5/8" W 14.3 feet scribed S21 BT

Ed. 14" J. Pine at brg. &amp; dist.

Rock "K" on top 30x15 17.6 feet S 4°E

Ed. rock on brg. &amp; dist. 17.76

Oak 8" N 5 1/2°W 91.4 feet scribed S16 BT

W. Oak 10" at brg. &amp; dist.

Ed. conc. cyl. 6" below road surface. Corner falls  
in "T" intersection and it is in the E-W road.

Ed. 16" W. Pine scribe visible at record brg. &amp; dist.

Ed. W. Pine at brg. &amp; dist.

Ed. 16" W. Pine scribe overgrown at record brg. &amp; dist.

Ed. W. Pine 19" at brg. &amp; dist.

Ed. Aspen log in ditch

Ed. no remains of Aspen.

Brass cap not found

J. Ekstrom

N-14

West 1/6 Sections 15 &amp; 22

Notes of G.L.O. Resurvey Notes of 1933. by prop distance set on iron post 3' long 1"  $\phi$  w/brass cap MKO.

see 5680-11 by Brown-Martinson in 1966  
 W 1/6 515  
 522  
 1933

Oak 10" S 49 1/2° W 150 MKs (99.00)

Fd. no evidence. Right of way clearing.

Oak 14" N 78° W 325 MKs (214.50)

Fd. no evidence. Falls under powerline

S.W. Corner of C.S. Lauseh's house 36x36' in size bear N 37° E

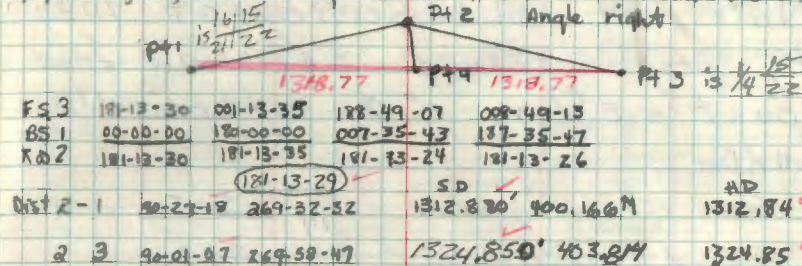
176 MKs or (116.00)

2/16/90 CK, GB

Measured from SW sec. corner 15 east down road 1318'. Found no evidence of GLO iron pipe.

Corner position ends up in the southern driving cut. Found foundation of Lauseh's house, but bearing is N 42° E and measures + 119'. Approx. corner position was determined by instrument. This corner needs to be re-establish by survey.

3/6/90 CK, GB, R.M. Survey traverse for re-establishment of W 1/6



FS 3	181-13-30	001-13-35	178-49-07	008-49-13
BS 1	00-00-00	180-00-00	007-35-43	187-35-47
X 02	181-12-30	181-13-35	181-73-24	181-13-26

Dist 2-1	20-27-19	269-27-22	S.D.	1312.870	900.166M	1312.874
2 3	20-01-07	269-50-17	1324.850	463.87M	1324.85	

FS 4	246-55-16	66-59-52	FS 4	247-32-11	This angle computed from traverse.	
BS 1	00-00-00	180-00-00	BS 1	00-00-00	from traverse.	
X 02	246-55-16	246-54-42	X 02	247-32-11	OK 247-31-55	

2-4 steel tape 15.32 — This dist. computed from traverse

X 04 +	90-25-40	1312.955	1318.78
X 04 +	90-26-18	1318.82	1318.78 check

P 4 is a PE nail marking the W 1/6 position.

Ties: Elm 2" S 60° E 41.02 200 Galv.  
 Power Pole 10" N 34° E 46.58 " "

6/11/90 CK, GB

Set a 2 1/2" x 20" galv. iron pipe with brass cap marked. Brass cap set 6" below road.  
 T146N R30W  
 515  
 W 1/6 522  
 1990  
 U.S.F.S.

Reference Tie:

NE wing wall of concrete bridge (1959) S 3° W 88.9'

New BTS:

Twin W. OAK 13" N 33° E 78.50' Chiseled "X" Scribed BT-60d

Twin Ash 5" N 10° W 60.20' Scribed BT-60d

Corner falls in southern half of E-W road, Co of Scenic Highway is 55' west of corner. Placed a 3" steel sign post 20.2' north of corner with both signs attached.

cc done

OK [Signature]

34. N-15 Affidavit N-15

Quarter Sections 15 & 22

Notes of G.L.O. Resurvey of 1933  
by prop distance set an Iron  
post 3' long 1"  $\phi$  w/brass Cap  
M.K.D.

Found 12" above ground  
in good condition

$\frac{1}{4}$	S 15
	S 22
	1933

Oak 7" S 18° E 72 IKs (47.52')

New B.T. is Added at Base

Oak 9" S 30 $\frac{1}{4}$ ° W 50 IKs (33.00')

New B.T. is Added at Base

6/11/90 Now a W. Oak snag 16" S 30° W at 33.0'

New B.T.s

Oak 4" N 1 $\frac{1}{2}$ ° W 63 IKs (41.58')

6/11/90 Now a W. OAK 11" N 1° W 41.58' Scar closed - 600

New B.T.s 1968

Oak 9" N 31° E 31.35' rescribed  $\frac{1}{4}$  S 15 B.T.

6/11/90 Now W. OAK 13" N 31° E 31.35' Scar closed

A Elm 7" S 87° E 29.01' rescribed  $\frac{1}{4}$  S 22 B.T.

6/11/90 Now a 8" Elm stub 7' high at S 87° E 29.01'

Oak 14" S 30 $\frac{1}{4}$ ° W 33.00' rescribed  $\frac{1}{4}$  S 22 B.T.

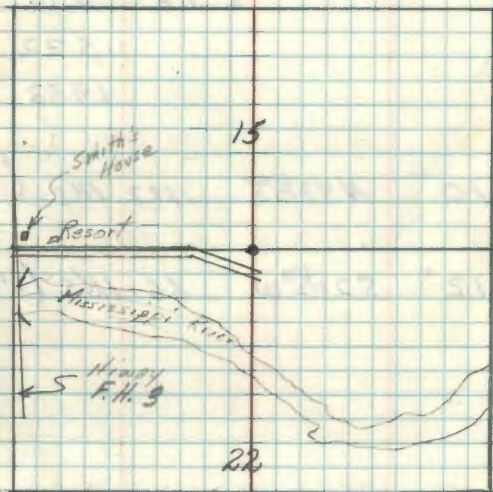
6/11/90

Set a 72" long steel sign post due North  
1.25' with standard F.S. sign 34.4 attached.

OK  
11/12/68

11/12/68

Steve Elliott  
Curt Krause



6/11/90 O.K.G.B.

Ed. G.L.O. iron pipe with brass cap in position.  
Iron pipe is bent above ground. Straighten  
iron pipe and reset. Brass cap is now 1" above grd.  
Corner falls on north side of E-W road approx.  
4' from edge.

Found remains of both G.L.O. trees recorded in 1933

1. W. OAK 15" S 18° E 47.52'. Scar closed - 600

2. W. OAK snag 16" S 30° W at 33.0'

Removed 6" steel sign post and placed a  
8" steel sign post north 2.73' from corner. Sign Att.

East  $\frac{1}{6}$  Sections 15 & 22  
 Notes of B.L.O. Resurvey of  
 1933 by prop. distance an  
 iron post 3' long 1"  $\phi$  w/brass  
 Cap MKD

E  $\frac{1}{6}$  S 15

S 22

1933

Tamarack 10" N  $43\frac{1}{2}^{\circ}$ E 117 IKs (77.22')

Tamarack 12" S  $21\frac{1}{2}^{\circ}$ W 66 IKs (43.56')

South Center  $\frac{1}{6}$  Sec 22  
 Notes of G.L.O. Resurvey of 1933  
 by prop distance set an iron  
 post 3' long 1"  $\phi$  w/brass cap MKR

S  $\frac{1}{6}$  S 22

J. pine 10" S  $34\frac{1}{2}^{\circ}$  101 IKs (66.66')

N. pine 12" S  $50\frac{1}{2}^{\circ}$  W 72 IKs (47.52')

P-15  
Center  $\frac{1}{4}$  Sec 22

Notes of G.L.O. Resurvey of 1933  
Set an IRON post 3' long 2"  $\phi$   
w/brass cap MKD (found in place  
marking corner.)

4/14/81 Fd. iron pipe with C  $\frac{1}{4}$  S 22  
brass cap set 6" above grd 1933

Oak 10" S  $16\frac{1}{2}^{\circ}$  W 84.1Ks (55.44')

(Now a 14" Oak S  $16\frac{1}{2}^{\circ}$  W 55.99 Ft. Scribe overgrown.)

Oak 14" N  $5^{\circ}$  W 91.1Ks (60.06')

(Now a oak windfall mostly decayed N  $5^{\circ}$  W 60.06')

To perpetuate this corner I marked

Oak 7 inch N  $7\frac{1}{2}^{\circ}$  W 61.5 feet MKD C  $\frac{1}{4}$  S 22 BT

Ash 4 inch S  $81^{\circ}$  W 37.2 feet MKD X BT

Steel sign post 72 inches long set 24 inches in  
ground w/ signs 54-2 & 54-4 attached due  
East 3.45 feet.

4-25-63 RHM McDonald

4/14/81 - Brama, Jacobs, Gehrke

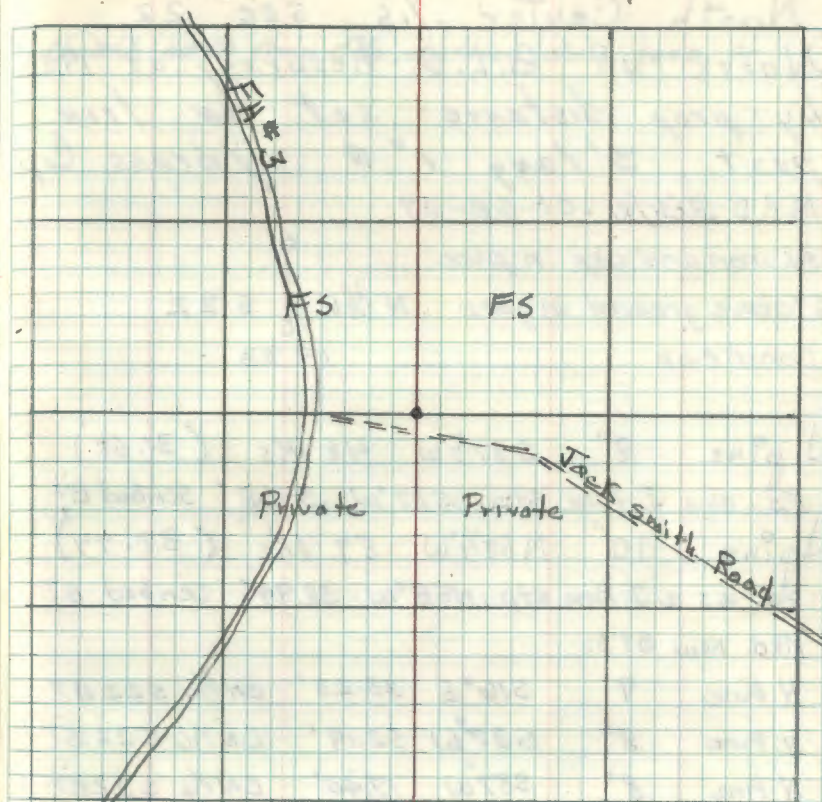
Mkd. New BT'S:

1. W. Oak 7" N  $76^{\circ}$  E 130.7' C  $\frac{1}{4}$  S 22 BT

2. W. Oak 4" S  $77^{\circ}$  W 17.58' C  $\frac{1}{4}$  S 22 BT

3. Balm of Gil. 11" N  $32^{\circ}$  W 89.66' C  $\frac{1}{4}$  S 22 BT

8" steel sign posts east and west from corner  
with both signs attached.



4/9/81 - Fd. no remaining evidence of the GLO BT'S  
recorded in 1933.

Fd. remains of both BT'S recorded by McDonald in 1963:

1. 8" W. Oak N  $8^{\circ}$  W 61.5' Tree bent over - scribe is closed.

2. Rotted Ash 5tp S  $81^{\circ}$  W 37.2'

Line to standard east & west from corner with both signs

FS: Road south of corner approx. 50.0'.

Attached

28 North Center  $\frac{1}{16}$  sec 22.  
Notes of G.L.O. Resurvey of 1933  
by prop distance set an iron  
post 3' long 1"  $\phi$  w/brass cap  
Mkd 3/31/81 - CK-GB-DJ

Fd iron and cap in place  
6" above ground in good N  $\frac{1}{16}$  S 22  
condition 1933

J. Pine 8" S  $37\frac{1}{2}^{\circ}$  W 48.1Ks (31.68')  
Fd. as a J. Pine stp. S  $37^{\circ}$  W 31.68' Scribed BT

J. Pine 10" N  $58\frac{1}{4}^{\circ}$  W 59.1Ks (38.94')  
Fd. as a J. Pine stp. N  $58^{\circ}$  W 38.94' Scribed BT

Mkd. New BT's:  
N. Pine 9" S  $16^{\circ}$  E 33.23' CN  $\frac{1}{16}$  S 22 BT  
N. Pine 8" S  $37^{\circ}$  W 52.19' CN  $\frac{1}{16}$  S 22 BT  
N. Pine 8" S  $87^{\circ}$  W 17.40' CN  $\frac{1}{16}$  S 22 BT

Placed a 8" steel sign post west of corner  
with both signs attached.  
Line to std. west of corner

Chained north from  $\frac{1}{4}$  distance check good.



27.

Special Meander Cor. S 22.

Notes of G.L.O. Resurvey of

1933. Set an Iron post

3' long 1"  $\phi$  w/brass cap MKD

Left Bank of River S 22

C  
S.M.C.

1933

Oak 8" N19 $\frac{1}{2}$ °E 33 lks (21.78')

Oak 4" N43°W 50 lks (33.00')

40. P-14

West Center  $\frac{1}{16}$  sec 22,  
Notes of G.L.O. Resurvey of  
1933 by prop distance set  
an iron post 3' long 1"  $\phi$   
w/brass Cap MKD. (Found in  
place marking corner.)

3/12/81 - Found iron pipe with  $\leftarrow$  CW  $\frac{1}{16}$  C  
brass cap set 6" above ground. S 22  
1933

N. Pine 6" N  $33\frac{1}{4}^{\circ}$  E 16.14s (10.56')

(Now a 15" Red pine N  $33\frac{1}{4}^{\circ}$  E 10.56 Ft. scribe overgrown.)

J. Pine 11" S  $23\frac{3}{4}^{\circ}$  W 22.14s (14.52')

(Now a jack pine stump S  $23\frac{3}{4}^{\circ}$  W 14.52 feet.)

I rescribed the red pine beaving tree with  
a "BT" at base and breast high.

Steel sign post 72" long set 24" in ground  
w/ signs 54-2 & 54-4 attached due East 3.5 Ft.

4-25-63 *G. B. Brama*

3/12/81 - G. Brama, D. Jacobs, R. Gehrke

Mkd. New BT's:

1. R. Pine 17" N  $82^{\circ}$  E 52.08' CW  $\frac{1}{16}$  S 22 BT

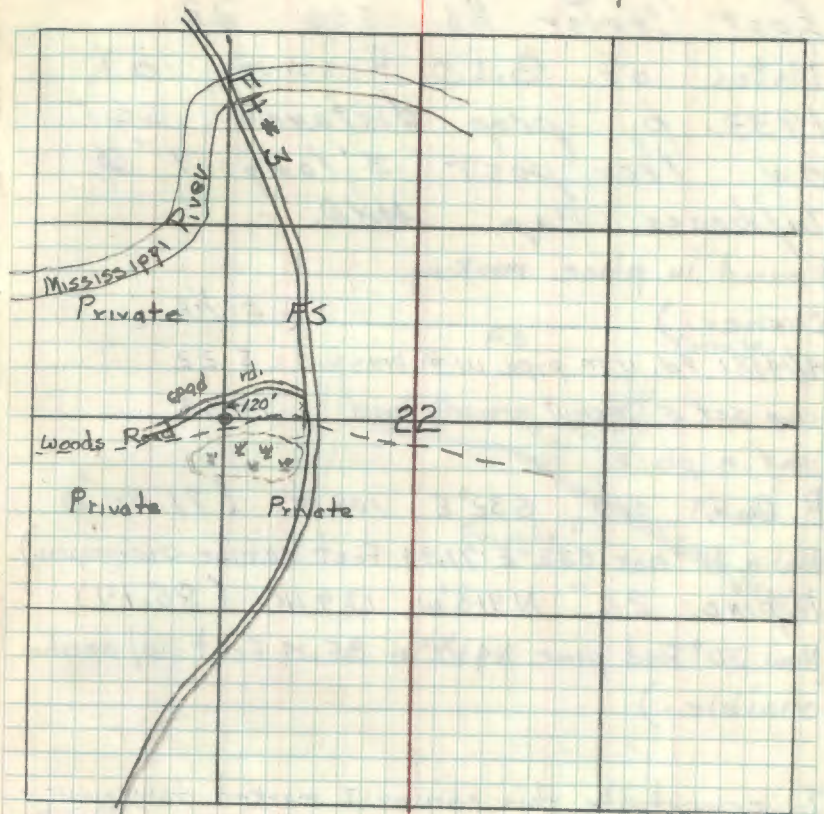
2. R. Pine 20" N  $80^{\circ}$  W 89.45' CW  $\frac{1}{16}$  S 22 BT

8" steel sign posts northeast from  
corner with both signs attached.

Placed a 4x4x3' penta-treated wood post on  
south side of Knudson Dam Rd. with F.S.L.P. and boundary  
sign attached.

Affidavit RHM

P-14 19



Approx. 120' south of campground road and at north edge  
of grass meadow - Power line 70' south  
3/12/81 - Ed. remains of both BT's recorded by G.L.O. in 1933:  
N. Pine 18" N  $33^{\circ}$  E 10.56'  
J. Pine Stp. S  $23\frac{3}{4}^{\circ}$  W 14.52' Parts of Band T showing  
Lines north and east are mkd. to F.S. Standard.



South East  $\frac{1}{6}$  Sec 22,  
 Notes of G.L.O. Reservey of 1933  
 by prop distance set an  
 iron post 3' long 1"  $\phi$  w/brass  
 Cap MKO

SF  $\frac{1}{6}$  S22

1933

J. pine 7" N59°E 35 IAs (23.10')

poplar 5" S27°W 10 IAs (6.60')

Special Meander Cor Sec 22  
 Notes of G.L.O. Reserve of 1933  
 Set an iron post 3' long 1"  $\phi$   
 w/brass cap MKO

SMC

~~E~~

S 22

1933

No. trees available

Set an oak stake 6' long 3"  $\phi$   
 alongside of iron post as an  
 accessory to the corner.

point for North East  $\frac{1}{16}$  Sec Cor  
 Falls in river.

4/1/81-CK-GB-DJ-RG

Chained from the CE  $\frac{1}{16}$  the GLO distance  
 and bearing. Found no evidence of  
 the corner position because it falls  
 in the Mississippi River.

Special Meander Cor Sec 22  
 Notes of G.L.O. Reserve of 1933  
 Set an iron post 3' long 1"  $\phi$   
 w/brass cap MKD.

N	S	NW
	22	SE

No trees available

Set an Oak stake 6' long 3"  $\phi$   
 alongside of iron post as  
 accessory to corner.

4/1/81-CK-GB-DJ-RG

Chained from the CN  $\frac{1}{16}$ , GLO distance  
 and bearing. Found no evidence of  
 corner because it now falls in the  
 Mississippi River

45. Q-14

South West  $\frac{1}{6}$  sec 22.

Notes of G.L.O. Reserve of 1933

Set an Iron post 3' long 1"  $\phi$   
w/brass cap MKD.

(Found in place

marking corner.)

SW  $\frac{1}{6}$  S 22

1933

Local B.T.s

N. pine stp 20" N 86 $\frac{1}{2}$ ° E 40 IKs (26.40')

Now pine stump N 86° E 31.4 Feet.

N. pine stp 22" S 77° E 50 IKs (33.00')

(Now stump scribed BT at record bearing &amp; distance.)

New B.T.s

J. pine 14" S 34° W 39 IKs (25.74')

(Now decayed pine stp. at record bearing &amp; distance.)

J. pine 12" West 10 IKs (6.60')

(Now a Jack pine stump scribed "S 22 BT" at  
record bearing & distance.) 4-30-63 RHM

To perpetuate this corner I marked

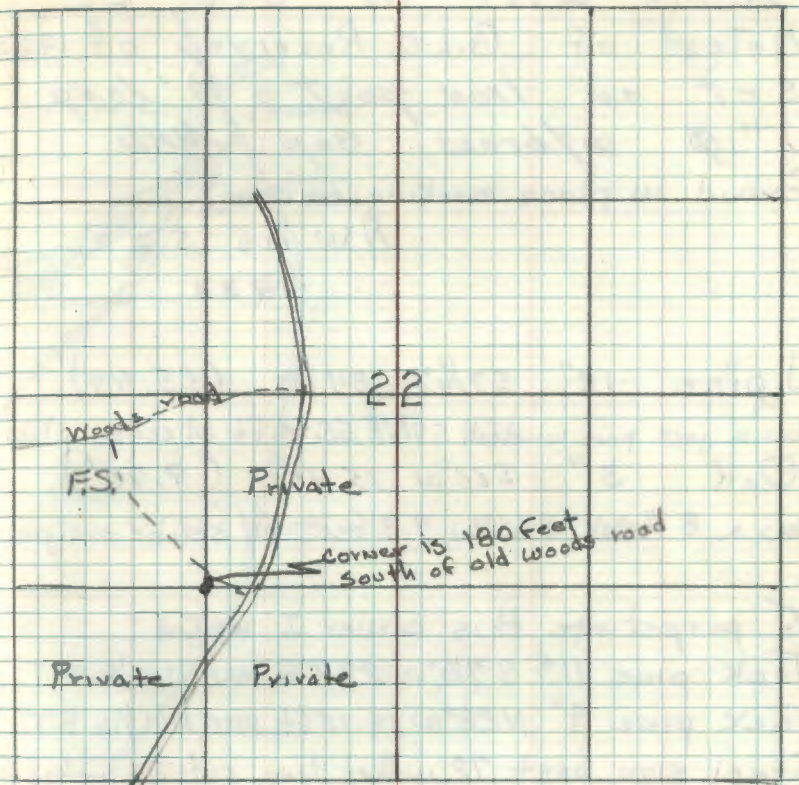
Oak 6 inch S 68° E 14.0 Feet MKD x BT

Red pine 11 inch N 80° W 44.3 Ft. MKD SW  $\frac{1}{6}$  BTSteel sign post 22" long, set 24" in ground w/  
signs 54-2 & 54-4 attached due North 4.25 Feet.

4-30-63

Affidavit RHM

Q-14

Poster is on 6" Oak south edge of woods  
road - 180' south to corner.

46. 0-14

North West  $\frac{1}{16}$  Sec 22.  
Notes of G.L.O. Reserve of 1933  
Set an iron post 3' long  
1"  $\phi$  w/brass cap MKD  
(Found in place marking corner.)

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

1933

J. pine 18" S  $7\frac{1}{4}^{\circ}$  E 84.1Ks (55.44')(Now a jack pine windfall S  $7\frac{1}{4}^{\circ}$  E 55.44 Ft w/ scribe plain.)Oak 3" S  $66^{\circ}$  W 15.1Ks (9.90')(Now a 8" Oak S  $66^{\circ}$  W 9.9 feet w/ scribe overgrown.)

To perpetuate this corner I marked

Jack pine 11" S  $7\frac{1}{2}^{\circ}$  W 27.5 Ft. MKD NW  $\frac{1}{16}$  BTJack pine 4" N  $28^{\circ}$  W 14.15 Ft. MKD NW  $\frac{1}{16}$  BTSteel sign post 72 inches long set 24 inches in  
ground w/ signs 54-2 & 54-4 attached due

East 4.15 feet

4-25-63 RMM Donald

4/1/81 Krause, Brama, Genrke, Jacobs

Ed iron pipe with Brass Cap set 3" above grd.  
set in place.

Ed. 1 BT recorded by GLO in 1933.

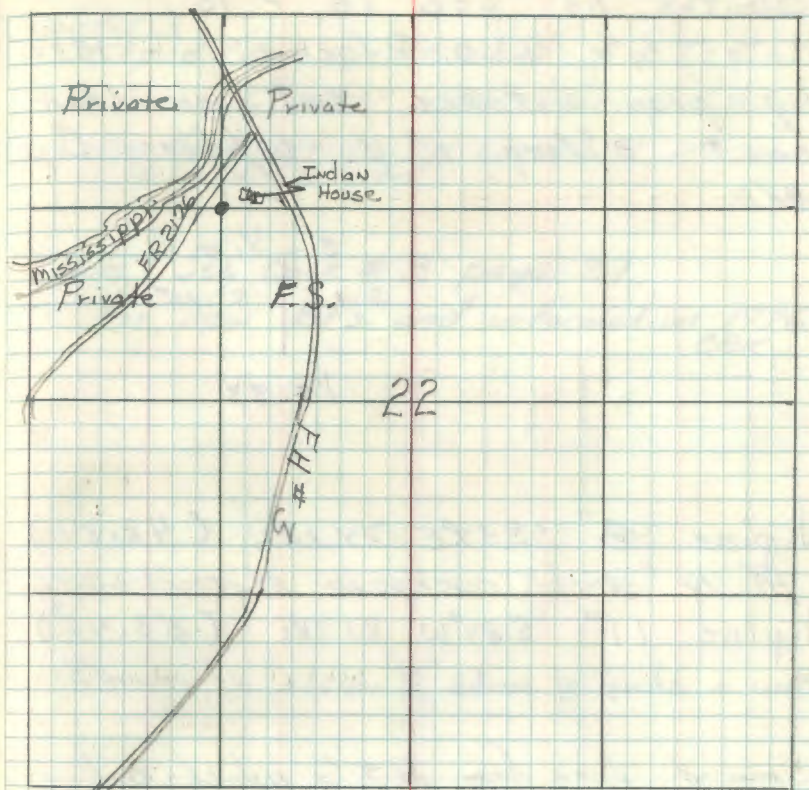
Oak, S  $66^{\circ}$  W 9.9' Cut this BT for laser line.

Ed. both BT's recorded by McDonald in 1963:

J.P. 16" S  $8^{\circ}$  W 27.5'J.P. 12" N  $28^{\circ}$  W 14.15'

Affidavit RMM

0-14



MKD. new BT's:

1. Jack Pine 13" S  $46^{\circ}$  E 60.28' NW  $\frac{1}{16}$  S 22 BT2. 8" steel sign posts east 2.7' + south 2.7' from  
corner with both signs attached.  
Lines east + south are MKD. to F.S. standard.



47. M-13

South  $\frac{1}{16}$  sec 16  $\frac{1}{16}$  15

Notes of G.L.O. Reserve of 1933  
by prop distance set on iron  
post 3' long, 1"  $\phi$  w/brass cap  
M.K.D.

S	$\frac{1}{16}$
S 16	S 15

1933

Jipine 8" S59°E 741Ks (48.84')

14" scribe overgrown at record by side

Jipine 11" S84°W 811Ks (53.46')

(Now a stump w/ scribe "B" visible at record by side)

Crossed fire from B.T.'s which hit  
very good just to W. of  $\frac{1}{16}$  of 16.

Dug hole 4' x 3' x 3' deep found no  
evidence of monument

Set a 6" diameter, 24" long cylindrical  
concrete monument capped with a 3" diameter  
bronze tablet stamped

T146N R30W

S  $\frac{1}{16}$ 

S 16 | S 15

1964

B.L.S. NO. 6807

AFFIDAVIT

M-13

W. O. Remon  
L. C. Clifton  
8-7-64

New B.T.'s

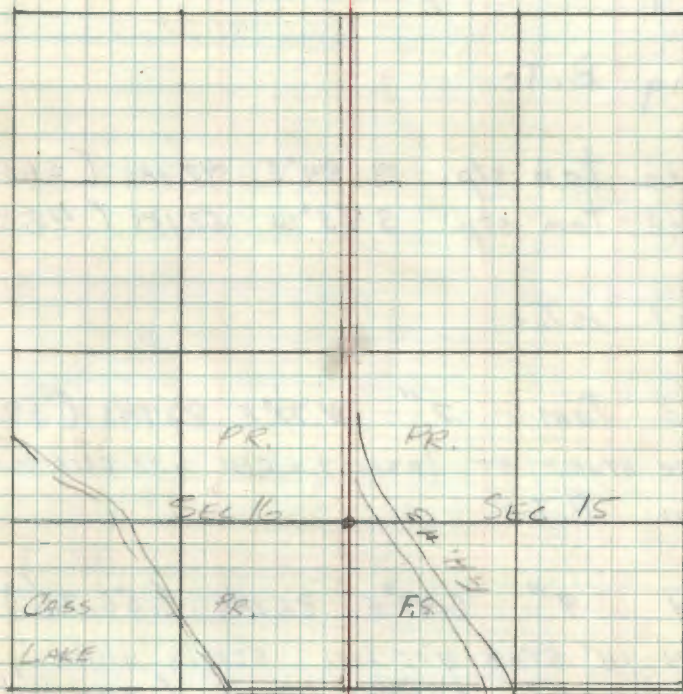
Jackpine (G.L.O.) rescribed X BT

Jackpine 16" N67°W 58.4 feet rescribed S  $\frac{1}{16}$  S 16 BT

Cedar Post 4' x 6' Eye East 9.2' with signs  
54-22 54 d attached

Note: See Book # 3 page 27

for new B.T.'s and information 1976  
CRK



Shales

48.

1-13 Affidavit 10/19/78

Quarter Sections 15 &amp; 16

Notes of G.L.O. Reserve of 1933

The  $\frac{1}{4}$  Cor sec is marked  
w/a Concrete Monument with top  
5" square set 4" belowSurface in center of Black Duck  
Road. Verified by remains of  
Orig bearing trees.

Orig B.T.s.

rotted Tam stp. S  $84^{\circ}$ E 48 Iks (31.68')rotted Tam stp. S  $65^{\circ}$ W 62 Iks (40.92')

Local B.T.s

Dead Tam 7" N  $77^{\circ}$ E 82 Iks (54.12')

Found STUMP AT bearing &amp; DIST with chop marks

New B.T.s

Tam 9" S  $49^{\circ}$ E 86 Iks (56.76')

Now 14" stub 4' high scribe visible

W.pine 12" S  $59\frac{3}{4}^{\circ}$ W 490 Iks (323.40')

Now 25" at bearing &amp; DIST

I scribed one new bearing tree

OK  
11/18/7810" TAM S  $71^{\circ}$ E 47.4 FT verified by 515-BJcedar post 4" x 4" x 6' with FS. 5190 54.4 due East  
35.4 FT

Dennis Berggren 11/20/78

Found	TIES TO
Nail in Blacktop	
TAM STUMP N $77^{\circ}$ E	54.1 FT
TAM STUB S $49^{\circ}$ E	56.8 FT

J-13

Section Cor. Sec 9-10-15-16  
Notes of G.L.O. Reserve of 1933  
Marked w/a Concrete Monument  
set level with surface of the  
road in center. Verified by  
Orig bearing Trees

" " "  
" " "  
Orig Trees:

A Fallen & Rotted Oak 10" S 46 $\frac{1}{4}$ ° E  
75 IKS (49.50')

Birch stp 10" S 50 $\frac{1}{2}$ ° W 103 IKS (67.98')

" " "  
New B.T.'s

Oak 12" <sup>now 18"</sup> N 60° E 121 IKS (79.86')  
Oak 10" S 60 $\frac{1}{2}$ ° E 109 IKS (91.94')  
Tam 10" S 16° W 301 IKS (204.06')  
Birch 5" N 39° W 271 IKS (178.86')

12/10/79

KRAUSE, BRADDA, HAYES, EST. TR.

FOUND NE G.L.O. OAK. PULLED BEARINGS  
AND DISTANCE AND PLACED P.K. NAIL IN ROAD.  
MEASURED SOUTH TO  $\frac{1}{4}$  COR SEC. 15-16 2633.80'  
(G.L.O. 2634.1) AND MEASURED NORTH TO  
 $\frac{1}{4}$  COR SEC. 9-10 2587.5' (G.L.O. 2587.9)  
NO OTHER B.T.'S FOUND

P.K. NAIL IS THE POSITION FOR SEC. COR.  $\frac{9}{10}$   
 $\frac{15}{16}$   
FROM WHICH BEARS:

(G.L.O.) OAK 18" N 60° E 800' (NAIL IN TREE) MKD BT  
W. OAK 22" S 60° E 134.03' " MKD THROUGH BUSHES BY  
TAM 12" S 06° W 282.77' " MKD THROUGH BUSHES BY  
TAM 12" S 54° W 179.77' " MKD THROUGH BUSHES BY

M. P. Hayes 12/10/79

STATION OCCUPIED	STATION SIGHTED	1st & 3rd VERTICAL ANGLE	3rd ANGLE SLOPE DISTANCE	MEAN ANGLE	HORIZONTAL DISTANCE
HAYES, KRAUSE, BRADDA					12/10/79
SE. COR.	$\frac{1}{4}$ 15/16	90° 07.2	2634.11		2634.10
SEC. COR.	$\frac{1}{4}$ 15/16	00-00-00			
	$\frac{1}{4}$ 9/10	178° 15.6			
SEC. COR.	$\frac{1}{4}$ 9/10	89° 43.1	2587.23		2587.20
SEC. COR.	$\frac{1}{4}$ 15/16	00-00-00			
	POT	269° 44.00			

J-15

Quarter Sec 10 3 15  
 by prop distance set an iron  
 post 3' long 1"  $\phi$  w/brass  
 cap MKD

$$\frac{1}{4} \frac{510}{515}$$

1933

Birch 6" N43 $\frac{3}{4}$ °E 211Ks (13.86')

N. pine 6" S20 $\frac{3}{4}$ °E 331Ks (21.78')

1/4/80 GARY BAMA

FR I.P. AT 8" ABOVE GROUND AND IN PLACE. FR.

G.L.D. N. PINE 21" S21°E 21.8' (W/FSIP)

TO PERPETUATE CUT 2 NEW BT.'s:

W. OAK 5" N48°W 23.55' MKD 1/4S10BT

W. OAK 5" N34°E 18.22' MKD 1/4S10BT

8' STEEL SIGN POST SOUTH 1.28'

89-7150-4 BY BAMA (ENTERED IN THIS BOOK BY ~~2/20/80~~  
 2/15/80)

East  $\frac{1}{16}$  sec 10  $\frac{1}{2}$  15  
 by prop distance set on  
 iron post 3' long 1"  $\phi$  w/brass  
 Cap MKD

E  $\frac{1}{16}$  510

515

1933

W. pine 6" S  $45\frac{3}{4}^{\circ}$  W 291Ks (19.14')

poplar 10" N  $76^{\circ}$  W 531Ks (34.98')

52. M-15

Affidavit 10/31/78 M-15

South Center  $\frac{1}{16}$  sec 15

Notes of B.L.O. Reserve of 1933  
by prop distance set on Iron  
post 3' long 1"  $\phi$  w/brass Cap  
MKD.

Found Iron  $\frac{1}{16}$  cap 5'  $\frac{1}{16}$  S15  
in place 14" above ground  
in good condition

19 33

Tam 3" S56°E 16 IKs (10.56')

Now a 5" dead Tam. At brg  $\frac{1}{16}$  dist.Spruce 4" S65 $\frac{1}{2}$ °W 9 IKs (5.94')Now a 8" Spruce at brg  $\frac{1}{16}$  dist (scribe overgrown)

To perpetuate this corner I scribed (2) Two  
new bearing trees as follows.

7" Tam. N16°E 31.2 ft. scribed CS  $\frac{1}{16}$  S15 Bt.6" <sup>Black</sup> Spruce N75°E 27.7 ft. scribed CS  $\frac{1}{16}$  S15 Bt.

72" steel sign post due East 1.2 ft. with F.S.

signs 54-2 &amp; 54-4 Attached.

11-25-70

Curtis R. Kramer

OK  
mcs 11/25/78

12/79 GARY BARBER

FO. T.P. W/ B.C. 7" ABOVE GROUND FEB 1970 B.T.S.  
SET STEEL SIGN POSTS N 3.29' & E. 4.95'NORTH & EAST LINES ARE TO F.S. STANDARDS  
FENCE RUNS N & E.R9-7150-4 BY BARBER (ENTERED IN THIS BOOK BY T.P.A.)  
2/5/80

53. L-15 Aff. ch. v. t  
Center 1/4 section 15 L-15

Set a 3' long 2"  $\phi$  Iron post  
w/ brass Cap - MKD.

Found Iron  $\frac{1}{2}$  cap C 1/4 S 15  
in place, in good condition 1933  
4" above ground.

Poplar 14" N 45° E 21 Ks (1.32')

Now a 17" snag and log fallen down at <sup>brg.</sup> dist

ELM 6" N 59° W 54 Ks (35.64)

Now a 11" Elm in clump at brg <sup>(scribe</sup> & dist. <sup>over grown)</sup>

To perpetuate this corner I scribed  
(3) Three new bearing trees as follows.

10" White Oak <sup>Twin</sup> N 17° E 22.6 ft. scribed C 1/4 S 15 Bt.

8" White Oak N 75° E 34.3 ft. scribed C 1/4 S 15 Bt.

11" Ash S 55° E 33.4 ft. scribed C 1/4 S 15 Bt.

72" steel sign post due South 0.6 ft. with F.S.  
signs 54-2 & 54-4 attached.

11-25-70

Curtis R. Krause

OK MKD  
11/22/79  
12/79 GARY BRAMA

FD I. P. 5" ABOVE GROUND LEADING SOME TO THE NE.

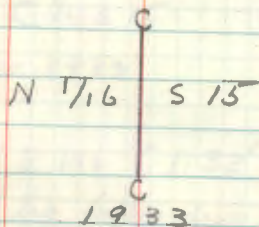
FD REMAINS OF S. L. O. & 1970 B. T. 'S. LINES TO WEST &

SOUTH ARE TO F.S. STANDARDS.

RA-7150-4 BY BRAMA (ENTERED IN THIS BOOK BY MKD)

12/80

54. North Center  $\frac{1}{6}$  Section 15  
Notes of G.L.O. Reserve Notes of  
1933. by prop distance set an  
Iron post 3' long 1"  $\phi$  w/brass  
Cap MKD.



Maple 11" S  $45\frac{1}{4}^{\circ}$ E 291ks (19.14')

Maple 8" S  $23\frac{1}{2}^{\circ}$ W 181ks (11.88')



5.5. L-14 Aff. davit, 10/17/78 L-14

West Center  $\frac{1}{16}$  Section 15

Notes of G.L.O. Reserve of 1933  
by prop distance set an iron  
post 3' long 1"  $\phi$  w/brass cap  
Mkd.

Found Iron cap (W  $\frac{1}{16}$  C)

in place, in good condition

14" above ground 1933

Tam 6" N40 $\frac{1}{2}$ °E 17 lks (11.22')

Now a 13" Tam. at bry.  $\frac{1}{2}$  dist. (scribe overgrown)

Tam 4" S19°E 32 lks (21.12')

Now a 8" Tam. at bry.  $\frac{1}{2}$  dist. (scribe overgrown)

To perpetuate this corner I scribed

(2) Two new bearing trees as follows.

8" Tam. S6°W 37.8 ft. scribed CW  $\frac{1}{16}$  S15 BT.

11" Tam. N17°W 72.0 ft. scribed CW  $\frac{1}{16}$  S15 BT.

72" steel sign post due North 1.0 ft. with F.S.

signs 54-2 & 54-4 attached.

11-25-70

Clinton R. Krause

12/79 Gary Bremer, Dave Exstan

Fd. I. P. SET 6" ABOVE GROUND W/ B.C., IN PLACE

Fd. G.L.O. TAM 9" S19°E 211'

Fd. G.L.O. TAM STUB 13" N40°E 11.2'

Fd. TAM. 9" S6°W 37.8' (PERD TO P) 1970 BT.

Fd. TAM. 12" N17°W 72.2' 1970 BT.

TO PERPETUATE, CUT ONE NEW B.T.

TAM. 6" S8°W 62.97' MKD. CW  $\frac{1}{16}$  S15 BT

8" STEEL SIGN POST NORTH 2.29'

8" STEEL SIGN POST EAST 2.78'

LINKS NORTH & EAST TO F.S. STANDARDS

R9-7150-4 BY BRAM (ENTERED IN THIS BOOK BY 11/2/79)

CORNER IS LOCATED IN MARSH & TAM SWAMP.

56.

East Center  $\frac{1}{16}$  section 15  
 Notes of G.L.O. Reserve of 1933  
 by prop distance set an iron  
 post 3' long 1"  $\phi$  w/brass cap  
 M6D.

$\frac{E \frac{1}{16} C}{S 15}$

1933

W. Oak 6" S  $42\frac{3}{4}^{\circ}$ E 53 IKs (34.98')

Birch 5" N  $5\frac{3}{4}^{\circ}$ E 11 IKs (7.26')

South East  $\frac{1}{4}$  section 15  
 Notes of G.L.O. Resurvey of 1933  
 by prop distance set an iron  
 post 3' long 1"  $\phi$  w/brass  
 Cap MKD.

SE  $\frac{1}{4}$  S 15  
 1933

TAM 4" N86 $\frac{3}{4}$ °E 85 lks or 56.10'

TAM 4" S49 $\frac{3}{4}$ °E 80 lks or 52.80'

12/79 GARY BRANA

FD. I.P. w/B.L. 4" ABOVE GROUND.

FD. TAM. 8" S50°W (79) lks

FD TAM. 7" N86°E 85 lks

To PERPETUATE, CUT ONE B.T.

TAM. 7" N49°W 36.4'

8' STEEL SIGN POST WEST 3.37'

8' STEEL SIGN POST EAST 3.98'

LINES WEST & EAST ARE TO F.S. STANDARDS.

R9-7150-4 BY BRANA (ENTERED IN THIS BOOK BY M.C.F.)  
 2/5/80

58.

North East  $\frac{1}{16}$  section 15  
Notes of B.L.O. Resurvey of  
1933 by prop distance set on  
Iron post 3' long 1"  $\phi$  w/brns  
Cap MKD.

NE  $\frac{1}{16}$  S 15

1933

Spruce 6" N  $30\frac{1}{4}^{\circ}$  E 66 1/2s - 43.56'

Spruce 5" S  $41^{\circ}$  E 16 1/2s - 9.90'

59. M-14 Aff. dau. + 10/31/78 M-14

South West  $\frac{1}{16}$  section 15

Notes of G.L.O. Resurvey of 1933

Set an iron post 3' long  
1"  $\phi$  w/brass cap MKD.

Found iron cap, in place

8" above ground, in good SW  $\frac{1}{16}$  S 15  
condition 1933

Oak 6" S  $3\frac{1}{2}^{\circ}$  E 20  $\frac{1}{2}$  1Ks 13.2 ft.

MKD SW  $\frac{1}{16}$  S 15 BT.

Now a 10" White Oak at bry  $\frac{1}{2}$  dist (scribe over ground)

Oak 5" N  $28^{\circ}$  W 7 1Ks 4.6 ft.

MKD SW  $\frac{1}{16}$  S 15 BT.

Now a 10" White Oak at bry  $\frac{1}{2}$  dist (scribe overgrown)

To perpetuate this corner I scribed

(2) Two new bearing trees as follows.

12" White Oak S  $88^{\circ}$  W 38.9 ft. scribed SW  $\frac{1}{16}$  S 15 Bt.

10" White Oak S  $63^{\circ}$  W 42.9 ft. scribed SW  $\frac{1}{16}$  S 15 Bt.

72" steel sign post due West 0.7 ft. with F.S.

signs 54-2 & 54-4 Attached.

11-25-70

Arthur R. Krause

OK 11/25/78  
mcs



61 G-15

Center 1/4 Section 10

Notes of G.I.O. Resurvey of 1933

Set on Iron post 3" long 2"  $\phi$   
w/brass Cap MKD.

(Found in place)

C 1/4 S 10

1933

N. pine 12" S 87 3/4° W 220 1/2' (145.20')

(New a N. Pine stp S 87 3/4° W 145.20')

N. pine 14" N 29 3/4° W 75 1/2' (49.50')

(New a N. Pine stump N 29 3/4° W 48.5' scribed "1/4 S 10")

Affidavit RM

G-15

Set a steel sign post 22" long  
24" in ground w/ signs 54-2 & 54-4  
attached North 40°

5-16-63

James Chilton

1/4/60 GARY BRAMA

FD G.I.O. BRASS CAP IN PLACE 4" ABOVE GROUND

FD G.I.O. N. PINE STP. 113° W 141' PINE STP. 300° W

FD FOREST SERVICE 1963 B.T.'S OF

N. PINE 12" S 16° E 140.8'

W. OAK 9" N 48° W 56.8'

J. PINE 12" N 4° W 85.55 (SNAK)

TO PERPETUATE, CUT ONE NEW B.T.

W. OAK 4" N 36° E 36.91' MKD B.T.

B. STEEL SIGN POST NORTH 4.16'

B. STEEL SIGN POST WEST 3.23'

WEST &amp; NORTH LINES TO F.S. STANDARDS

R9-7150-4 BY BRAMA (ENTERED IN THIS BOOK BY MKD)

2/5/60

ROUND SLOUGH APPROX. 1/4 ACROSS IS LOCATED

70 YDS SOUTH OF C 1/4. TRAIL N.W. COR. RUNS WEST  
THEN ANGLES NW OUT TO BLK. PK. HWY.

62 F-15

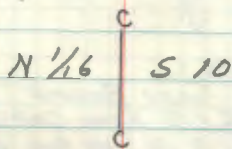
North Center  $\frac{1}{16}$  sec 10

Notes of B.L.O. Resurvey of 1933

Set an Iron post 3' long

1"  $\phi$  w/brass Cap MKD.

(Found in place marking corner)



1933

N. Pine 16"  $561\frac{3}{4}^{\circ}$ E 201Ks or (13.20')Now 21" N. Pine  $561\frac{3}{4}^{\circ}$ E 12.65' scribe over groundN. Pine 16"  $N78^{\circ}$ W 41Ks or (2.64')Now 18" N. Pine stump  $N78^{\circ}$ W 2.75' scribed "16 S10 BT)

I rescribed the N. Pine and marked 2 new BTs

Red pine 18"  $561\frac{3}{4}^{\circ}$ E 12.65' MKD C  $N\frac{1}{16}$  S10 BTWhite pine 27"  $S10^{\circ}$ E 58.0' MKD S10 BTOak 12"  $S78^{\circ}$ W 60.8' MKD S10 BT

12-29-61 R.H. McDonald

Affidavit RRM

F-15

Set a steel sign post 72" Long  
24" in ground w/signs. 54-2 & 54-9  
attached North 3.1'

5-16-63

James Etchem

1/4/80 GARY BRAMA

F.R. I.P. SET 6" IRON GROUND AND IN PLACE.

F.R. ROT. N. PINE STA  $N78^{\circ}$ W 2.6' (SLO)F.R. N. PINE STP  $S65^{\circ}$ E 13.2' (SLO)F.R. W. OAK 12"  $S78^{\circ}$ W 60.8' (1963 F.S. SURVEY)

TO PERPETUATE, CUT 2 NEW B.T.S.

W. OAK 11"  $N52^{\circ}$ W 24.50' MKD ON  $\frac{1}{16}$  S10 BTW. OAK 5"  $S33^{\circ}$ E 36.93' MKD ON  $\frac{1}{16}$  S10 BT

① STEEL SIGN POST NORTH 3.1'

② STEEL SIGN POST SOUTH 2.65'

LINES N &amp; S ARE TO F.S. STANDARDS.

R-7150-4 BY BRAMA (ENTERED IN THIS BOOK BY J.M.P.)

2/5/80



63 C-17

## Quarter Corner Sections 3-2

Survey by Beltrami Co Surveyor Roy  
K. Bliley in 1920 notes on file in  
Beltrami Co. Courthouse:-

Gas pipe monument (Found # 1 1/2 x 18" pipe.  
Jack pine 5" S 42° W 38.0' (Now a 15" Jack pine  
S 51° W True 38.0' scribed "1/4 S 3" scribe overgrown)  
Jack pine 4" N 71° W 57.7' (Now a 12" Jack pine  
N 62° W 57.7' center decayed)  
Post (Not Found)

Set a 2" inside dia. 5' Long galvanized wrought  
iron pipe filled with concrete and capped  
w/ a 3" dia. bronze tablet stamped:-

T146N R30W

1/4

S3 | S2

1961  
PLS NO 3628

Red pine 19" N 70° W 27.5' MKD T46 R30 S3 BT

Red pine 20" N 14 1/2° W 42.85' MKD 1/4 S 3 BT

Jack pine 9" N 51° E 17.83' MKD 1/4 S 2 BT

December 29, 1961 *R. G. Walker*

Affidavit RHM.

C-17

Set a steel sign post 72" long  
34" in ground dimensions 54-2.3 54-4  
attached South 3.55'

5-16-63

*James E. Hutton*

2/2/60 - G. Brama, C. Smith

Fd. 2" x 5" long galv. iron pipe set in place set 18" above ground.

Fd. readings of 1 BT recorded in 1920

1. Jack Pine Snag 14" S 42° W 38.0'

Fd. remains of all the BT's recorded in 1961:

1. N. Pine 22" N 70° W 27.5'

2. N. Pine 24" N 14 1/2° W 42.85'

3. Jack Pine St. P. 9" N 51° E 17.83'

Fd. F.S. L.P. on N.P. N 70° W 27.5'

Mkd. New BT

1. W. Oak 13" S 25° W 57.62' 1/4 S 3 BT

8" steel sign posts west 3.13' and south 3.61' with both signs attached.

Lines west and south are mkd. to F.S. Standard. F.S. road bears east 125' from corner &amp; runs from SE to NW.

6-6-62  
OK*R. G. Walker*

64 D-17

South  $\frac{1}{16}$  Corner Sections 2-3

Survey of Beltrami Co. Surveyor Roy  
K. Bliley in 1920 notes on file in Beltrami  
Co. Courthouse

Gas pipe mon.  $\frac{1}{2}$ " x 14" (Found this pipe marking  
corner

Poplar 16" N  $70^\circ$  W 15.5' (Now Aspen stump  
mostly decayed N  $61^\circ$  W 15.7')

Poplar 16" S  $72^\circ$  E 45.0' (Now a 24" Aspen stp.  
S  $64^\circ$  E 43.85' with decayed window facing  
corner.)

Set a 2" inside diameter 5' long galvanized  
wrought iron pipe filled with concrete and  
capped with a 3" dia. bronze tablet  
stamped

T146N R30W

S  $\frac{1}{16}$ 

S3 | S2

1962

RLS NO 3628

ELM 8" S  $20^\circ$  W 42.3' MKD S  $\frac{1}{16}$  S3 BTOak 5" N  $76^\circ$  E 76.2' MKD S  $\frac{1}{16}$  S2 BT

Steel sign post 72" long North 2.8'

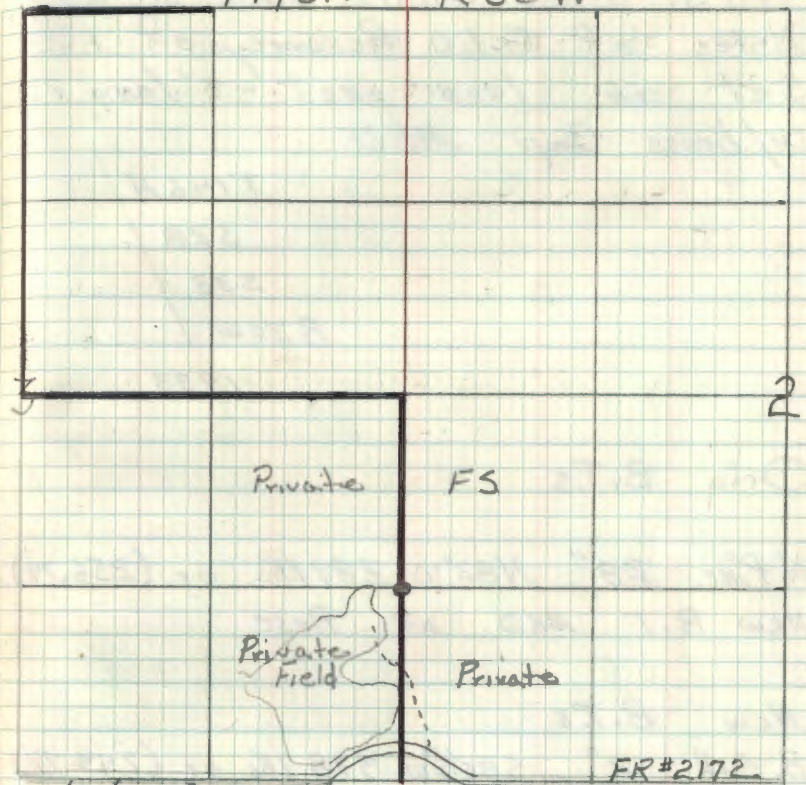
6/6/62 R.H. McDonald

Affidavit RHM

T146N

R30W

D-17



2/21/80 - G. BRAMA, R. P. P. P. C. Smith  
Found 2" x 5' long galv. pipe set in place 18"  
above ground with B.C.

Found 1 BT recorded by McDonald in 1962:

ELM 9° S  $21^\circ$  W 42.3'

Oak BT falls out in sheared area.

Mkd. New BT's:

1. W. Oak 7° N  $6^\circ$  E 66.69' S  $\frac{1}{16}$  S2 BT

2. W. Oak 4° S  $85^\circ$  E 43.22' S  $\frac{1}{16}$  S2 BT

8' sign steel posts  $\frac{1}{16}$  north 2.95' + south 2.98' with  
both signs attached &  
Line north + south are mkd. to F.S. standard.

66

M.C. West Shore Lake Sec 28-33  
 Notes of G.L.O. Resorrey of 1933  
 Set an Iron post 3' long 1"  $\phi$   
 w/brass Cap MKD

T146N

528

533

R30W

1933

Orig B.T.s

N. Pine 28" N82°W 3891Ks or (256.74')

New B.T MKD at Base

New B.T.s

B. Oak 7" S86½°W 3781Ks or (249.48')

Section Cor Sec 29-28-32-33  
 Notes of G.L.O. Resurvey of 1933  
 4.62 chains west of M.C.  
 West Side of Schram Lake  
 Set a Concrete Monument  
 w/brass Cap MKD

T146N R30W

S29 S28

S32 S33

19 33

Orig B.T.s

N. Pine 28" N60°E 90 lks or (59.40')

This tree was recorded from  
 Both Section & Meander Co

Two Oaks S 78 $\frac{3}{4}$ °E 30 lks or (19.80')

Record position S 82°E 30 lks. they  
 appear sprouts from old stump.

poplar stp 12" S71°W 45 lks or (29.70').  
 portion of scribe still in place

poplar - rotted & fallen 10" west  
 23 IKs or (15.18') Record  
 distance N89°W (23 IKs)

New B.T.s

N. Pine 10" N88½°E 59 IKs or (38.94')

B. Oak 10" S81°E 28 IKs or (18.49')

Birch 9" S17¾°W 30 IKs or (19.80')

W Oak 4" N68¾°W 47 IKs or (31.02')

68 R-11

Quarter Corner Sections 21-28

Notes of G.L.O. Resurvey of 1933.

Set an Iron post 3' long

1"  $\phi$  w/brass Cap MKD.

(Found in place marking corner.)

IRON UP 6"

 $\frac{1}{4}$  S 21

S 28

1933

Orig B.T.s.

J. pine stp Bored  $S 24^{\circ} E$  40 Lks. (26.40')N. pine 24"  $N 10^{\circ} W$  58 Lks. (38.28')1. Added 21 to upper blaze  
and B.T. at Base. (Now a 25"(wind fall stump  $N 10^{\circ} W$  38.28 feet with scribing  
visible) " $\frac{1}{4}$  S 21") NOTHING LEFT.

New B.T.s

J. pine 9"  $S 55\frac{1}{2}^{\circ} E$  29 Lks. (19.14')(Now a 12" Jack pine scribed " $\frac{1}{4}$  S 28 BT"  
 $S 55\frac{1}{2}^{\circ} E$  19.14 feet.) NOW A 10' TALL SNAG 9-27-10

9-27-2010 R. MAIN

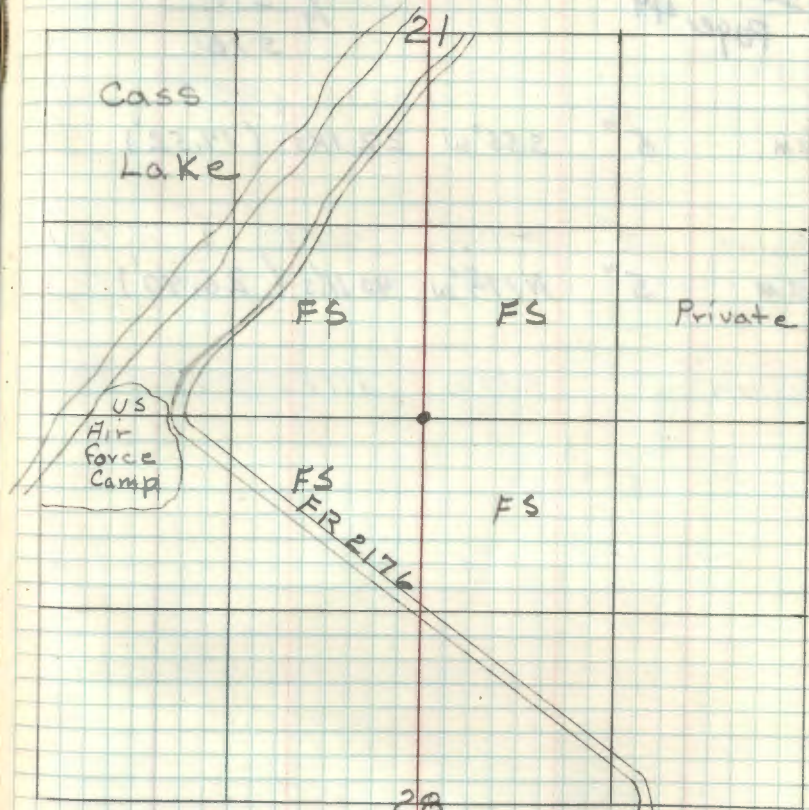
FD IRON IN PLACE AND GPS. WIND FALLS LAYING  
AROUND IRON.

Affidavit RMH

R-11 90

To perpetuate this corner I marked three  
New bearing trees.Red Pine 8"  $S 8\frac{1}{2}^{\circ} E$  34.5 feet MKD  $\frac{1}{4}$  S 28 BT  
NOW 20" 9-27-10Red Pine 6"  $N 54^{\circ} W$  28.0 feet MKD  $\frac{1}{4}$  S 21 BT  
NOW 17" 9-27-10Jack Pine 5"  $S 99^{\circ} W$  13.25 feet MKD  $\frac{1}{4}$  S 28 BT  
5' TALL J. PINE STUB 9-27-10

3-9-65 (RMH) snags

Steel sign post 72" long set 24" in  
ground w/ standard sign 194-4 attached  
due North 3.8 feet. OK

69 Quarter Corner Sections 9-16  
Notes of G.L.O. Resurvey of 1933  
By prop distance set an Iron  
post 3' long 1"  $\phi$  w/brass Cap  
MKD

SEE BOOK 3  
Page 49

$\frac{1}{4}$  59  
516

Tam 6" S55°W 22 IKs (14.52')

Tam 5" N17 $\frac{1}{2}$ °W 40 IKs (26.40')

70 West  $\frac{1}{16}$  sections 9-16  
Notes of G.L.O. Reserve of 1933  
by prop distance set an  
Iron post 3' long 1"  $\phi$  w/brass  
Cap MKO

SEE BOOK 3

Pg. 48

W $\frac{1}{16}$	59
	516
	1933

poplar 4" N  $45\frac{3}{4}^{\circ}$ E 48 Ks (31.68')

balsam 4" S  $81^{\circ}$ E 111 Ks (73.26')



71  
Section Corners Sections 8-9-16-17  
Notes of G.H.D. Resurvey of 1933  
Set a Concrete Monument w/brass  
Cap MKD

SEE BOOK #3  
Page 47

T146 NR 30W	
58	59
517	516
1933	

Orig B.T.s

Roots of tamarack N1°E 505 IKs (333)

Tam stp Rotten 6" S10°E 172 IKs (113.52')

Tam stp 7" S86°W 404 IKs (266.64')

Tam stp 5" N135°W 507 IKs (334.62')

New B.T.s

Tam 8" S81°W 671 IKs (442.86')

72 M. C. Section 16-17

Notes of G. H. O. Resurvey of 1933

1.40 Chains South of Section

Corner Sections 8-9-16-17

Set an iron post 3' long 1"  $\phi$   
w/brass cap MKD

T146N	R30W
S17	S16
MC	
19	33

No trees available

tamarack stake 6' long 4" square  
along side of iron post as  
an accessory to corner.

73

M.C. Sections 16-17

Notes of G.I.O. Resurvey of 1933  
 on South shore of small lake  
 Set an iron post 3' long 1"  $\phi$   
 w/brass cap MKO.  
 by prop distance

M C	
S 17	S 16
T 146 N	R 30 W
19	33

Elm 14" S 11  $\frac{3}{4}$ ° E 79 1/2' (52.14')

Oak 10" S 86  $\frac{1}{2}$ ° W 28 1/2' (18.48')

74

M.C. North East Shore Cassh. 5-16-17  
 Notes of G.L.O. Resurvey of 1933  
 Set an Iron post 3' long 1"  $\phi$   
 w/brass Cap MKD.

T146N	R30W
-------	------

517	516
-----	-----

M.C.	
------	--

19	33
----	----

Orig B.T.s

Oak 10" N45°E 361ks (23.76')  
 Tree is Fallen and Broken

Oak 10" N15°W 441ks (29.04')

New B.T.s.

Oak 18" N67 $\frac{3}{4}$ °E 481ks (31.68')

Ash 12" N17 $\frac{1}{2}$ °W 771ks (50.82')

75 Center 1/4 Section 16  
Notes of G.L.D. Reserve of 1933  
Set an Iron post 3' long  
2"  $\phi$  w/brass Cap MKD

C 1/4 S 16

1933

Tam 6" S 44 $\frac{1}{2}$ ° W 384 MKS (253.44)'

Oak 10" N 70 $\frac{3}{4}$ ° W 247 MKS (163.02)'

Tam stake 6' long 4" Square  
alongside iron post as an  
accessory to corner.

11-30-92 GR-CK

Ed. 13" W. OAK SNAG IN SWAMP NEAR EDGE - HAS BEEN CHOPPED  
OUT AT BASE - HAS SCAR AT CHEST LEVEL - NO SCRIBE  
NO MONUMENT COULD BE LOCATED BY MEASURING  
AND BEARING FROM OAK BT - DISTANCE FALLS IN OLD  
DITCH DUG THROUGH LOG

Ed. TAM STUB 7" x 12" NO SCRIBE VISIBLE - BUT ICE MAY  
BE ABOVE SCRIBE AT S 46° W 253.4'

PLACE BT TAG ON OAK - SET WILLOW STACK AT APPROX.  
LOCATION - OLD BLAZED LINE RUN NYS SOUTH OF COR.  
CHANGED SOUTH TO LAKE 1179' SMC IS GONE - FALLS IN  
FRONT YARD OF LAKE HOME - MONUMENT WAS PROBABLY  
PUSHED OUT BY ICE

76 East  $\frac{1}{16}$  Cor. Section 16

Notes of G.L.D. Resurvey of 1933

By prop distance set an  
iron post 3' long 1"  $\phi$  w/brass  
Cap MKD

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

S 16

1933

poplar 14" S  $16\frac{1}{4}^{\circ}$  397 1/4s (262.02')

N pine 16" S  $82\frac{1}{4}^{\circ}$  W 386 1/4s (254.76')

77 L-10

West 1/6 Section 16 (Center)

Notes of G.L.O. Reserve of 1933

Set an iron post 3' long 1"  $\phi$   
w/brass cap MKD.

FD. IRON & CAP IN PLACE

8" ABOVE GROUND - IN HARDWOOD CW 1/16 C

STAND - 100' W OF LOWLAND SWP. 1933

Oak 8" S 84 3/4° E 411ks (27.06')

NOW 13 W. OAK S 82° E 27.50' SCRIBE CLOSED

Ash 4" N 61° W 271ks (17.82')

NOW HOLLOW ASH STUB N 61° W 17.8' SCRIBE <sup>OUT</sup> ROTTED

2-9-84 OK-68

MKD. NEW BT'S.

ASH 9 S 28° E 87.95' <sup>MKD.</sup> CW 1/16 5/16 BT

B. WOOD 10 N 30° W 7.50' CW 1/16 5/16 BT

8' STEEL SIGN POST 3.0' WEST W/54-9

CORNER IS 65' E OF WOODS TRAIL NE-SW  
AREA NOW BEING BORED OF LARGE HARDWOOD

78  
Special Meander Cor Sec - 16  
Notes of G.L.D. Resurvey of 1933  
Set on Iron post 3' long  
1"  $\phi$  w/brass Cap MKD

ON BANK 15"  
above lake

WC	
5	C
16	

1933

Maple 5" S61°E 19 1/4s (12.54')

Oak 16" N32½°W 19 1/4s (12.54')

ON shore set temporary stake  
as Reference point at tree  
Cor UNSAFE for Cor. account of  
Caving Bank.

SEARCHED FOR THIS SMC 2-9-84

APPEARS BANK HAS ERODED AND IRON WENT DOWN

WITH TREES AND SOIL AT TOP OF RIDGE



79 North West  $\frac{1}{16}$  Cor Sec. 16  
Notes of G.L.D. Resurvey of 1933  
Set an Iron post 3' long 1"  $\phi$   
w/brass Cap MKD

NW  $\frac{1}{16}$  516  
1933

Trsh 7"  $S 2\frac{3}{4}^{\circ} E$  146 145 (96.36')

Set tamarock stake 6' long  
4" square as an accessory to  
Corner.

Special Meander Cor S.E. shore small lake  
 Notes of G.L.O. Resurvey of 1933  
 Set on iron post 3' long  
 1"  $\phi$  w/brass Cap MKD.

5<sup>M</sup>N / S N  
 16  
 1933

Tan 3" N 82 $\frac{1}{2}$ ° E 123 1/2s (81.18')

Tan 3" S 2 $\frac{1}{4}$ ° W 55 1/2s (36.30')

## CURVE TABLES.

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### 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 $\frac{1}{2}$ ' = def. for sta.	542	I. P. = sta.	542+72
4° 49 $\frac{1}{2}$ ' = " " "	+50	Tan. =	1.18.47
7° 19 $\frac{1}{2}$ ' = " " "	543	B. C. = sta.	541+53.53
9° 49 $\frac{1}{2}$ ' = " " "	+50	L. C. =	2.33.33
11° 40' = " " "	543+	E. C. = Sta.	543+86.86
	86.86		

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

2° 19 $\frac{1}{2}$ ' = def. for sta. 542.

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

Def. for 36.86 ft. = 1° 50 $\frac{1}{2}$ ' for a 10° Curve.

