

CORNER RESTORATION T.141 N. #3 R.27 W.

CORNER RESTORATION

T.141 N. R.27 W.

BOOK NO. 3

KE

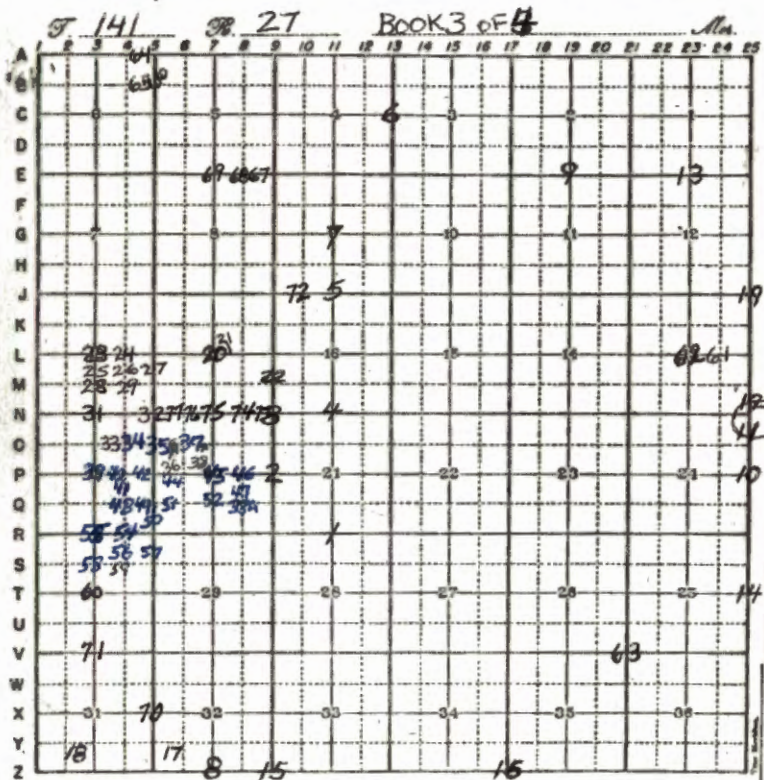
FIELD BOOK

82 0012

BOOK #3 T141N R27W 5th P.M.
 CASS COUNTY, MINN USFS

From _____ To _____

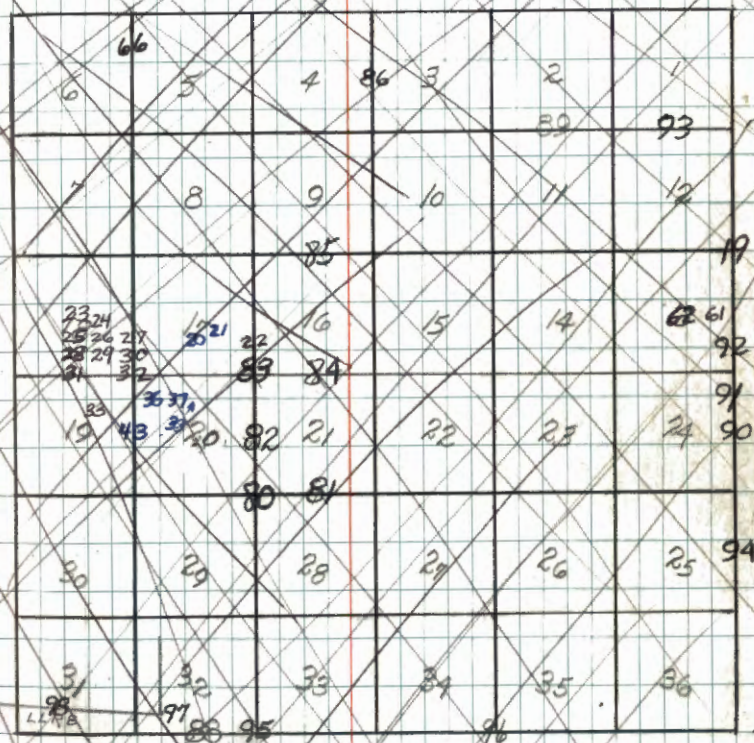
Region _____ Forest _____



LEGEND

- Corners searched for
- Corners monumented
- ⊗ Evidence believed acceptable
- ⊕ Boundary posted

Book #3 FULL BOOK
 T141N R.30W 5th P.M.
 CASS COUNTY, MINN.



81

1/4 COR. TO SEC'S 21 & 28

ORIGINAL GOV'T SURVEY NOTES OF 1874

POPULAR 5" N20°E 10 LKS (6.6 FT.)

POPULAR 5" S63°W 15 LKS (9.9 FT.)

①

1/4 COR. TO SEC'S 20 & 21

P-9

ORIGINAL GOV'T SURVEY NOTES OF 1874

NORWAY PINE 8" N46°E 56 LKS (37.0 FT)

POPULAR 3" S23°W 17 LKS (11.2 FT)

GLO RESURVEY NOTES OF 1919

IRON POST 3"x2" WITH BRASS CAP MARKED

(Found brass cap bent over, under road)

WHITE OAK 10" N79°E 145 LKS (95.7 FT)

(Now a 16" Oak N79°E 95.7' scribe over growth)

BIRCH 6" N44°45'W 66 LKS (43.6 FT)

(Now a twin birch at N44°W 43.6')

growing from original stamp

6-5-68

James Johnston

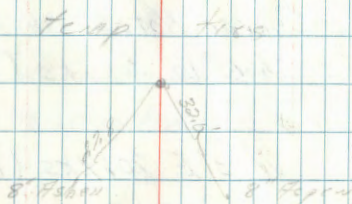
6-26-97 RMAJEN CKRAUSE

Fd MONUMENT 10 25 BELOW ROAD SURFACE IN GOOD

CONDITION. CEDAR 4x4 IS GONE. 1968 B.T.S ARE GOOD

8 FT STEEL SIGN POST 31695 WEST

Affidavit

Set 2nd cylindrical concrete monument 6' dia.
capped with a 3' diameter brass tablet stamped

T141N R27W

1' down in road

1/4

520 | 521

✓ 1968

RLS NO. 6807

New BT's

- Now 12.5"
White Oak 9" S66°E-53.7' scribed 5/4/21 BT ✓
" Now 10" 7" N65°W-69.5' scribed 5/4/20 BT ✓
" Now 7" 5" S68°W-62.32' scribed 5/4/20 BT ✓
58°

4x4 x 72' red top
cedar post Due East 16.60'
with signs 542 east 4 attached

6-24-68

John
11/5/68

COR. TO SEC'S 16-17-20-21

ORIGINAL GOVT SURVEY NOTES OF 1874

PINE 8" N61°W 44 LKS (29.0 FT)

PINE 14" N33°E 201 LKS (132.66 FT)

PINE 13" S50°E 34 LKS (22.4 FT)

PINE 11" S11°W 33 LKS (21.8 FT)

GLO RESURVEY NOTES OF 1919

IRON POST 3" x 2" WITH BRASS CAP MARKED

PINE ~~STUMP~~ 10" N71°46'E 181 LKS (119.5 FT)

(Now a Pine stump with scribe visible at bearing of dist)

PINE ~~STUMP~~ 10" S42°30'W 160 LKS (105.6 FT)

(Now a 18" Pine with scribe visible at bearing of dist)

PINE ~~STUMP~~ 16" N25°45'W 42 LKS (27.7 FT)

(Not Found)

PINE 6-10-68

James Estlin

6/19/97 RIM & CK

Fd. CAP & IRON IN PLACE CAP 4" BELOW SURFACE
OF ROAD - 4x4 POST IN PLACE

MKD NEW BT'S

W. OAK 6 N51E - 31.27' MKD S16 BT

N. PINE 13 N38W - 43.31 MKD S17 BT

Found G.L.O. Brass Cap in place in road
12" below surface of road.To perpetuate this corner I scribed
3 new Bearing trees as follows:

X 13" NOW

9" Jack Pine N48°E - 86.46' scribed S16 BT

DEAD STUB Jack Pine S64°E 62.79' " " " BT

DEAD STUB Jack Pine N44°W 49.59' " " " BT

OK 21 23" NOW Norway Pine S41°W 106.02' old scribe visible

4' x 4' Red top cedar Post due West of corner 25.08'
with F.S. signs 54-2 & 544 attached.

6-5-69

Curtis R. Kramer
Dennis Bergeron

1/4 COR. TO SEC. 16 & 21

ORIGINAL GOVT SURVEY NOTES OF 1874

OAK 27" N70°E 43 LKS (28.4 FT)

POPULAR 6" S23°E 35 LKS (23.1 FT)

GLO RESURVEY NOTES OF 1919

IRON POST 3'x2" WITH BRASS CAP MARKER

Found in place, good condition 12" above ground

WHITE OAK 6" N17°45'W 158 LKS (104.3 FT)

Found White Oak NOW 17" At Bearing N18°W ~ 104.3 Dist.

WHITE OAK 10" S71°E 49 LKS (32.3 FT)

no evidence of this tree at Bearing or Dist.

Z-28-13 R MAIN

FD IRON IN PLACE AND GPS SURVEY

GRADE. LINE TO STANDARD EAST

OF CORNER

8 FT STEEL SIGN POST 3.3' EAST

Affidavit

E RANDOM BETWEEN 16 & 21

315.8' - 3.30 ROAD

4620' - 4.70 ENTER TAMARACK SWAMP

8620' - 8.70 LEAVE TAMARACK SWAMP

T141NR27W

→ 1/4 $\frac{S16}{S21}$
1919

Found G.L.O. brass cap, in place, in good condition 12" above ground, in small ash swail.

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

NOW 12" 5" White Oak N47°W 36.56' scribed X BT

LOONE 9" Twin Elm S89°W 60.42' scribed K4521 BT

NOW 14" 7" White Oak S5°W 41.66' scribed Y4521 BT

5' steel sign post 5.05' North with F.S. signs

54-2 & 54-4 attached

6-9-69

Curtis R. Krause

1/4 COR. TO SEC. 9 #16

ORIGINAL GOV'T SURVEY NOTES OF 1879

BIRCH 6" S35°E 10 LKS (6.6 FT)

ELM 14" N33°E 20 LKS (13.2 FT)

CC NOTES 1935 BY D. SUTTON ENG.

FOUND BEARING TREE SCRIBED 1/4 S 16 FT

ASH STUB ~ 10" - SE ~ 66 FT

RESURVEY NOTES

BRASS CAP 3ft. long, 1in. diam.

GLO White Oak 10" S35°30'W 30 LKS - 52.80'

GLO Water Ash 8" N67°30'E 129 LKS 85.14'

COUNTY Black Ash 12" S27°E 66'6"

Searched for brass cap and bearing trees
1-6-75, but no iron was found, believe it
may have been taken out when road was
constructed south

Found 18" Ash N67°E 85.1' with scar facing
south

Found Ash lying on ground S27°E 67' frozen
down, will check in summer time for scribe

1-6-75 BRK

8/19/97 RM + GK

MEASURE BY STRING FROM SEC. COR. TO EAST 2723'
WHICH FALLS IN LINE WITH ROAD TANGENTS E-W + S
SEARCH WITH LOCATOR (NO DRAW)

Fd. 22" ASH N67E 85.1' SCAR OR CRACK ON S SIDE
Fd. ROTTED STUMP (NO LOG NOW) AT S27E-66.6'

PLACED 60° SPK AT APPROX. LOCATION
DUG IN AREA FOR RUST CORE - HEAVY CLAY FILL
NOTHING FOUND BY DIGGING

1/4 COR. TO SEC'S 3 & 4

GLO RESURVEY OF 1919

IRON POST 3'x2" WITH BRASS CAP MARK 1919

NORWAY PINE 10" S 67°30'E 20 LKS (13.2 FT)

(Now a 25' High Stub at bearing & distance)

NORWAY PINE 8" N 83°45'E 29 LKS (19.1 FT)

(Not Found)

CC NOTES OF 1935

FOUND BOTH ORIGINAL BEARING TREES

FSLP N. PINE ~14" N. SIDE OF TREE

N. 9 E 5 PAGES TO CORNER

5-3-2010 R. MAIN

FD IRON IN PLACE AND GPS. IRON 4" ABOVE
GROUND IN MIXED HARDWOODS AND LARGE
PINE.

5-11-2016 R. MAIN.

GPS IRON SURVEY GRADE

N=192782.638 E=530571.748 CASSCO NORTH
COORD

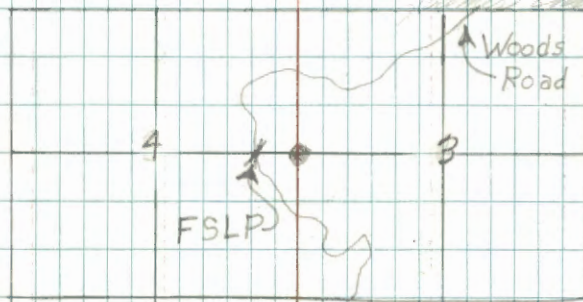
(Found in place Iron Post)

Perpetuate this corner I scribed
three new bearing trees.

N PINE - 24" ~ S 19° W - 14.5' SCRIBED 1/4 54 ~ BT
GOOD.
Oak ~ 8" ~ S 26° E - 10.7' SCRIBED 1/4 53 ~ BT
WINDFALL
Oak ~ 5" ~ S 55° E - 26.1' SCRIBED 1/4 53 ~ BT
NOW 6" STANDING DEAD

9/19/67

Lyell Elliott
Lynn Johnson



87 874 G11

INTERIOR 1/4 CORNER C.1/4 SECTION 9

NOTES BY ~~AL~~ R.T. DEHANT (1940)

PIPE BY COUNTY SURVEYOR IN GOOD

CONDITION 30" HIGH.

FSLP 4"-ASPEN ON WEST SIDE OF TREE

13.86 FT - WEST

CORNER BETWEEN FENCE & TELEPHONE
POLE

NO INFORMATION IN COUNTY RECORDS
OR CURO NOTES - NOTHING IN CCC FIELD
BOOKS - SECTION MAY HAVE BEEN
SURVEYED, BUT NOT RECORDED IN COUNTY
RECORDS

(7)

1/4 M.C. TO SEC 32 & 5

INGUADONA LAKE EAST SIDE

ORIGINAL GOVT SURVEY NOTES OF (1874)

CEDAR 10" N 15° E 7 LKS 4.6 FT

Not Found

CEDAR 4" S 28° E 12 LKS 7.9 FT

Found at bearing & distance 12" cedar low
CC Notes 1940 R.T. DEFANT

CEDAR 10" S.S.W 20 LKS 13.2 FT

Not Found

Found one original bearing tree.
Now a 1/20.d. pipe at corner.
All area to north & east has been
cleared & filled.

6-14-68

Lyle Elliott

Spoke with resort owner to north about placing
monument and he said the property owner is
quite belligerent at times. Wait to contact
him.

10/4/68

CASS CO. NOTES BOOK A PAGE 521 SURVEY # 213

Ed. BOTH GOVT BT'S. - SET 1" X 12" IRON PIPE AT TRUE CORNER

PIPE FOUND 1940 BY R.T. DEFANT
IN GOOD CONDITION

FSLP - 10" CEDAR - N 5° E - 13.2 FT
Not Found

CORNER BETWEEN LAKE AND CURVE IN
ROAD.

To perpetuate this corner I set a 2" dia. 5' long
galvanized steel pipe filled with concrete and
capped with a 3" bronze se. tablet stamped:

T. 141 N. R. 27 W

MC. 14532

1969

R.L.S. NO. 6807

6" Elm N 8° W 20.4' scribed Bt.

6" Twin Ash N 59° E 48.8' scribed Bt.

15" original cedar S 28° E 8.19' old scribe visible

14" Elm S 59° E 25.9' no scribe in yard

5" steel sign post 3.9' west of corner with F.S.
sign 54-4 attached.

6-11-69

Curtis R. Keamer

ok
6/69

E-19

89 1/4 Cor. to See's 2 & 11
ORIGINAL GOV'T SURVEY OF 1879
NO BEARING TREES

Chained to this area from
a G.L.D. brass Cap found
at See Cor. 2-3-10-11. Searched
two Man hrs. No evidence
found.

10-11-67

James E. Johnson

9

90

P-25

1/4 COR TO. SEC'S 24 & 19
 ORIGINAL GOVT SURVEY NOTES OF 1879
 OAK 4" S80°W 9Lks 5.9 FT

MAPLE 8" N84°E 14Lks 9.2 FT

FOUND SQUARED POST FIGURED NOT
 TO BE ORIGINAL POST. ALSO FOUND
 FSLP PLACED FENCE POST ON
 GROUND.

NO OTHER EVIDENCE FOUND.

11/6/67

Lyle Elliott
 James Eckstein

P-25

(10)

91.

N, O - 25

(11)

W. COR TO SECS 24 & 19

SOUTH SHORE PETERSON LAKE

ORIGINAL GOVT SURVEY OF 1874

SPRUCE 6" S20°E 7 LKS 4.6 FT.

SPRUCE 6" S84°W 6 LKS 4.0 FT

CHAINED TO THIS LOCATION
 FROM EVIDENCE FOUND AT
 1/4 COR. SOUTH. DISTANCE NOW
 FALLS IN GRASSY SHORE LINE OF
 PETERSON LAKE.

SEARCH 1 MAN HR. NO
 EVIDENCE FOUND.

11/7/67

Lyle Elliott
 Jimmie Christensen

92

W. COR. TO SEC'S 13 & 18

NORTH SHORE OF PETERSON LAKE

ORIGINAL GOV'T SURVEY OF 1874

SPRUCE 6" N20°W 24 LKS 15.8 FT.

SPRUCE 6" EAST 12 LKS 7.9 FT

12

93

E-23

1/4 COR. TO SEC'S #412

ORIGINAL GOVT SURVEY OF 1874

W. PINE 7" S 43° E 10 LKS 6.6 FT

W PINE 12" N 30° E 30 LKS 19.8 FT

13

We walked across bog from Hwy 39 to the approx area and searched and found 14" W. Pine on ground with a piece cut out of the face of the tree where scribe would have been. Other tree is burn up completely lots of burned pine on ground. at dist. 1/2 bog. Chained East to bog 1100' this checked good. Then we chained West 1000' this checked good.

10-23-69

Curtis R. Kramer

T-25

94 1/4 COR TO SEC'S 25 & 30

ORIGINAL GOVT SURVEY NOTES OF 1874

W. PINE 20" N30°W 98cks 64.7' -

NOT FOUND

FOUND ROTTED ASPEN AT CORNER
LOCATION ~ SCRIBE MARK VISIBLE.

11/7/67

Lyle Elliott

James E. Eberham

AUGUST 15, 1977

STEEAN, KRAUSE & WINTERSON

RON OLSEN & HURT KRAUSE HAD CHAINED
INTO AREA IN EARLY SPRING. FROST PREVENTED
PROPER SEARCH.

FOUND: 1) F.S. LOCATION POSTER FROM 1954 &
SALE BOUNDARY TAG.

2) LARGE W. PINE STUMP N30°W, 65'
FROM POST POSITION GIVEN ON F.S. I.P.

NEED TO:

RUN TRAVERSE FROM SECTION CORNER NORTH
TO M.C. ON NORTH SHORE OF LAURA LAKE.

(14)

~~F.S. 141's~~
on the East of West
Four line
EAST BOUNDARY OF 141-27

Corner of sections 32 & 33

Notes of Original Govt. survey of 1874

Set post no wood post found by J. Curo 1913

Fir 6" N29°W 15 lks. 9.9'

Distance and bearing fall in road clearing

Cedar 9" N60°E 44 lks. 29.0

Distance and bearing fall in road clearing

Survey by John Curo Cass County surveyor 1913

Survey record # 228 Book "A" page 568

Set 4" X 4" X 40" wood post mkd new bt's.

Aspen 12" N46°W 62.6'

Distance and bearing fall in road clearing

Aspen 10" N34°E 70.7'

New bt's. by J. Curo in 1942 Book "D"

set 2" Iron pipe at corner and mkd. new bt's.

found 2" OD X 24" long iron pipe, in place, 19' south of road

Cedar 12" N32°W 121.3'

New 16" Cedar stp. $\frac{1}{2}$ log at brq. $\frac{1}{2}$ dist - no marks fd.Cedar ^{TWIN} 5" N51°E 92.2'found log and rotted down stp. at brq. $\frac{1}{2}$ dist.

Aspen 16" N60°E 85.3'

Now 18" Aspen log on ground with flat area ^{at brq. $\frac{1}{2}$ dist.} - no marksmarked following bearing trees to perpetuate
corner till monumentation later in year

Cedar 19" N54°W 134.9' nail-blazed-painted

Cedar 12" N32°W 158.2' " " "

Cedar 15" N33°E 98.6' " " "

Cedar 12" N57°E 133.4' " " "

Curtis R. Krause 9-11-74

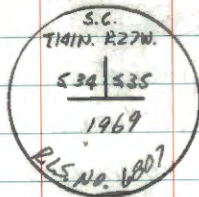
piled rocks around iron pipe and set 6" cedar
post 1.7' south of iron with FSLP on back side
Corner is in line with road west (blacktop) and
county road (gravel) runs N 13°W from corner
fence line runs east from iron 1260' to fence corner
fence runs south at this point (wire down)

T141N R27W

SC to sections 34 + 35

Nov. 21, 1984 Recovery by G. Kosenko
B. MuskRecovered a 2½ in. outside diameter
by 18 inches up galvanized iron pipe
with a 3 inch diameter
brass cap stamped as shown:

Decl = 5° East



From which:

1913 J. Pine stub, ^(12.0") 46° W, 47.40 ft to
16d nail in NE face, cut into nothing visible w/60d spike

1969 J. Pine, ^(15.4") dead, N67° W, 55.57 ft to a 16d nail
in south face, double blaze "SC 534 BT" visible w/60d spike

1969 J. Pine, dead, N32° W, 45.64 ft to a 16d nail
in NE face, double blaze "SC 534 BT" visible w/60d spike

1969 R. Oak, 9.9 in, N15° E, 23.69 ft to 16d nail in
east face, double blaze overgrown, w/60d spike

Metal fence post, west, 4.8', w/54-9, 54-9

Established

W. Birch, 6.2", N39° W, 43.37 ft to a 16d nail
in NE face, double blaze, scr "SC 534 BT" w/60d spike

Metal fence post, East, 5.0', w/54-2, 54-9

Searched for the original Government
survey and all evidence after that
All BT's are painted red.

97

SOUTH EAST CORNER OF LEECH LAKE RESERVATION
IN SECTION 32 WEST SHORE OF UPPER INGUADONA
LAKE

NOTES OF ORIGINAL SURVEY 1873

MARKED 6" ASH TREE AS CORNER POST

OAK 10 S47W 26 LKS. = 17.16'

NOTES OF GLO RESURVEY 1919

SET 2" X 3/4" IRON POST WITH BRASS CAP MKD.

SET BELOW ROAD

SE
COR.
CIR

1919

W. OAK 20 N56°30'W 106 LKS. = 69.96'

BEARING & DISTANCE FALLS IN YARD NEAR HOME

W. OAK 10 S75°45'W 380 LKS. = 250.8'

BEARING & DISTANCE FALLS IN GRASS YARD

A BRIDGE HAS BEEN BUILT ACROSS THE "NARROWS" AND THE
SE CORNER IS SET 12 LKS. = 7.9' N80W OF THE WEST
END OF THE BRIDGE

CORNER FALLS IN ROAD AND IS SET 36" DEEP

NO EVIDENCE OF ORIGINAL BEARING TREE

DESCRIPTION OF HOW POSITION WAS RESTORED

IS WRITTEN UP IN GLO NOTES PAGE 130

97

3/12/86 CK TF

MEASURE 7.9' FROM WEST ABUTMENT OF BRIDGE
WITH METAL DETECTOR, PICK UP DRAW; DUG 6" TO 8" DEEP
IN FROZEN GRAVEL OF OLD ROAD, BUT IRON APPEARS TO
BE SOME DEEPER, WILL TRY AGAIN LATER WHEN FROST
IS OUT - NO EVIDENCE OF B.T.S. REMAIN

98

MILE POINT #1 ON SOUTH BOUNDARY OF LEECH
LAKE RESERVATION IN SECTION 31

NOTES OF ORIGINAL SURVEY 1873

MARKED 7" MAPLE TREE FOR POST AT CORNER

SPR. PINE 7 S48E 14 LKS. = 9.24'

BIRCH 6 N7W 8 LKS. = 5.28'

18

NORTH BETWEEN SECTIONS 31 & 32 - 19.50 CHS. = 1287.0'
INTERSECT RESERVATION BOUNDARY

NORTH BETWEEN SECTIONS 31 & 36 - 33.80 CHS. = 2230.8'
INTERSECT RESERVATION BOUNDARY

ON PAGE 129 GLO RESURVEY 1919 STATES THEY ARE
UNABLE TO FIND ANY EVIDENCE OF ORIGINAL POST
OR BT'S, - THEY HAVE PROPORTIONAL DISTANCE
OF 79.34 CHS. = 5236.44' FROM MILE POST #2
AT A BEARING OF S80°17'E

SEE BOOK #2 PAGE ²¹

7-12-13+18

SECTION CORNER TO SECTIONS ~~19-29-25+20~~

6" CONCRETE MONUMENT SET IN 1968
IN GRASS MARSH AND WITNESSED BY
1968 BTS.

R. OAK 10 S44E 91.9

NOW 13 R. OAK S44E 91.9' ^{SCRIBE OVERGROWN}
IN GOOD CONDITION

W. OAK 7 S24W 72.45

NOW OAK WINDFALL LYING IN BRUSH - CHEWED OFF BY ^{BEAVER}

W. OAK 9 N45E 92.3

NOW 10" LIGHTNING STRUCK W. OAK - PROBABLY WILL BE DEAD ^{SOON AS TAG HAS BURN HOLE}

W. OAK 4 N16W 47.3

NOW 4"X8' OAK STUB (DEAD) TOP CUT OFF - TAG + PAINTED.

7/8/87 CK TF

FOUND 6" CONCRETE MONUMENT 4" BELOW WATER
IN GRASS MARSH - STANDING UPRIGHT - IN PLACE

PLACE 2 6' GALVANIZED STEEL SIGN POSTS ALONGSIDE
MONUMENT AND 2 8' STEEL SIGN POSTS ALONGSIDE
TO STABILIZE MONUMENT IN WET MARSH

BASSWOOD 18" AT S51E 66.0' IS NOW A TIPOUT
LYING ON GROUND + ROTTING - REMAINS OF BTAS ABOVE

RECORDED - PLACE 8' STEEL SIGN POSTS NE + NW
AND 8' ALUMINUM SIGN POSTS SE + SW - DROVE THESE

SIGN POSTS INTO BOTTOM STILL SOLID WHICH LEFT
ABOUT 14" ABOVE WATER + GRASS - WE WILL PLACE

ANOTHER 8' SIGN POST ON THESE POSTS AND OVERLAP

(19)

AND BOLT THESE POSTS TOGETHER - THERE ARE NO
SUITABLE TREES STANDING IN AREA, AS AROUND
THIS POTHOLE EVERYTHING HAS BEEN CUTOFF RECENTLY
PLACE 8' FIBERGLASS SIGN POSTS DUE NORTH 4' [↓]
AND SOUTH ~~4'~~ ^{3.6'} WITH WARNING STICKER

6 1/2' HIGH STEEL POST N45E 9.80' ⁵⁴⁻⁹
FS SIGN

6 1/2' HIGH STEEL POST N45W 9.68' 54-9

6 1/2' HIGH ALUM POST S45E 9.48 54-9

6 1/2' HIGH ALUM POST S45W 8.55' 54-9

Curtis R. Kraemer

12/22/87 CK TF 1968 TIES AS FOLLOWS

W. OAK 10 N45E 92.25' SPK. ON SIDE + TAG

R. OAK 13 S44E 91.70' SPK. ON SIDE + TAG

W. OAK 4" STUB N16W 47.25' NAIL ON SIDE + TAG

6-25-01 R MAIN

POND NOW FLOODED BY BEAVER, NEED CHEST WAVERS
TO GET TO CORNER. FOL 4X4 WOOD POST BY OKERMAN
ON ~~EAST~~ WEST SIDE OF OLD REMER TOWER ROAD, CORNER
IS EAST 159 FT FROM POST. REMER TOWER ROAD
FR 2103 WAS REBUILT IN EARLY 1980S AND IS NOW
EAST OF THIS CORNER ± 200 FT.

4-29-13 R. MAIN

GPS SURVEY GRADE

CENTER QUARTER Sec 17

Set a 1" x 36" iron pipe with
B.C. set 10" above ground.

Resurvey by GLO in 1919

2/9/87 - GB, MH

Fd. GLO iron with brass cap set 10" above ground. C¹/₄ 517
1919

Mkd. BT'S:

N. Pine 10" N79E 144 lks. 95'

Fd. 19" N. Pine N79E at 95'

W. Pine 10" S44E 234 lks. 154.4'

Did not search for at this time.

2/20/88 - Chained from CE ¹/₁₆ west
1388.6'; Fd. F.S.L.P. on W. Oak. N70E
at 13'.

Angle Point 344 of Allotments

1672, 1748, 1231 Sec. 17

Notes of Resurvey of 1919 by GLO

Set of 1" x 3/8" iron pipe with
brass cap

Tr	Tr
1672	1748
AP4	AP3
Tr	1231
	517
	1919

2/20/88 - Chained ^{west} 1694.3 from CEY₁₆.
Didn't find the corner at this time. Corner
falls in cut-over area. No metal detector.

CLOSING CORNER WITNESS CORNER ON LEFT BANK
OF BOY RIVER, ON SECTION LINE BETWEEN SECS. 16+17

NOTES OF GLO RESURVEY 1919

SET 1"X36" IRON POST WITH BRASS CAP MARKED

9/8/80 JS-GB

FOUND IRON CAP - IN PLACE

10" ABOVE GROUND

CC
T14IN | R27W
S17 | S16

WC

FROM WHICH

1919

R.OAK 16 N9E 138 LKS. = 91.08'

NOW 19 W.OAK AT N9E 91.1' SCAR OVERGROWN - RESCRIBED BT

ELM 20 N8°15'W 118 LKS. = 77.88'

NOW 23 ELM N8W 77.9' SCAR OVERGROWN - RESCRIBED BT

MARKED NEW BT'S.

W.OAK 9 N51W 116.8' MD CCT14INR27WS17WCBT

ASH 7 N37W 97.0' " " " " " " " "

FROM 1/4 CORNER BET. SECS. 16+17 - 50°38'W - 19.01 CHS.
OR 1254.66' TO CLOSING COR. WITNESS COR.

CENTER QUARTER CORNER OF SECTION 18

NOTES OF GLO RESURVEY 1919

SET 1" X 3/8" IRON POST WITH BRASS CAP MARKED

10/14/80 CK-JS

FOUND IRON & CAP - IN PLACE

C 1/4 S 18

10" ABOVE GROUND - IRON IS 12' SE

OF E & W WOODS TRAIL

1919

FROM WHICH

W. OAK 14 N45°15'E 159 LKS. = 104.94'

NOW 20 W. OAK N45E 104.9' RESURBED WITH BT

POPLAR 10 N56°15'W 100 LKS. = 66.00'

NO EVIDENCE REMAINS OF POPLAR AT N56W 66.0'

MARKED NEW B.T'S.

W. OAK 7 S55E 34.95' MKD C 1/4 S 18 BT

W. OAK 6 N59W 25.20' " C 1/4 S 18 BT

CENTER EAST 1/16 CORNER OF SECTION 18

NOTES OF GLO RESURVEY 1919

SET 1" X 3/16" IRON POST WITH BRASS CAP MARKED

10/14/80 GB-RM

FOUND IRON + CAP - IN PLACE

C $\frac{E 1/16}{S 18}$ C

10" ABOVE GROUND - AT WEST EDGE

IN MARSH GRASS - 10' FROM HIGHLAND N+S

1919

FROM WHICH

POPLAR 8 N50W 93 LKS. = 61.38'

NO EVIDENCE REMAINS AT N50W-61.4'

POPLAR 8 S59W 68 LKS. = 44.88'

NO EVIDENCE REMAINS AT S59W-44.9'

MARKED NEW BT'S.

W. OAK 4 S53W 66.8' MKD X BT

W. OAK 6 S72W 106.63' " CE 1/16 S18 BT

W. OAK 9 N45W 46.50' " CE 1/16 S18 BT

ANGLE POINT 4 TR. 1553 ON NORTH AND SOUTH
CENTER LINE OF SECTION 18 - $50^{\circ}32'W$ - 4.81 CHS. OR
317.46' FROM C $\frac{1}{4}$ SECTION 18

NOTES OF GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MARKED

10/14/80 CK-JS

FOUND IRON & CAP - IN PLACE

IN GOOD CONDITION - 10" ABOVE

GROUND - IN HARDWOOD STAND

APPROX. 60' EAST OF NYS WOODS ROAD

317' SOUTH OF C $\frac{1}{4}$

	TR	S18
	1553	
	AP4	TR
		1394

1919

NO BT'S.

MARKED NEW BT'S.

R. OAK	8	N14W	52.70'	MKO AP4 BT
R. OAK	10	S61E	23.50'	" X BT
R. OAK	10	S26W	36.10'	" X BT

ANGLE POINT 3 T.R. 1743 + ANGLE POINT 2 TR 1394
 N0°30'E -10.07 CHS. OR 664.62' FROM SE'116 SEC. 18

NOTES OF GLO RESURVEY 1919

SET 1" X 3/8" IRON POST WITH BRASS CAP MARKED

10/14/80 GB RM

FOUND IRON + CAP - IN PLACE

TR

TR

1743

1394

AP3

3 ABOVE GROUND - CORNER ON SLIGHT

RIDGE NYS WITH GRASS SLOUGHS 50'E + 50'W

AP2

OF CORNER

1919

NO BT'S.

MARKED NEW BT'S.

W. OAK 4 S28E 70.57' MKD X BT

W. OAK 5 S13E 29.10' " AP2 S18 BT

W. OAK 5 S13W 42.39' " AP2 S18 BT

ANGLE POINT 1 TR 1394 & ANGLE POINT 4 TR 1743
 BETWEEN SECTION 17 & 18 - N⁰24'E - 10.48 CHS. OR
 691.68' FROM S'116 BETWEEN SECTIONS 17 & 18

NOTES OF GLO RESURVEY 1919

SET 1" X 3/16" IRON POST WITH BRASS CAP MARKED

10/15/80 JS GB RM

FOUND IRON CAP - IN PLACE

12" ABOVE GROUND - IN OPEN

HARDWOODS

TR 1743	
AP4	S17
S18 AP1	
TR 1394	

1919

NO BT'S.

MARKED NEW BT'S.

W. OAK	4	S13W	33.98'	MKD. X BT
W. OAK	6	N74W	27.45'	" AP4 S18 BT
W. OAK	6	N17W	13.85'	" AP4 S18 BT

CENTER SOUTH 1/16 CORNER OF SECTION 18

NOTES OF GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MARKED

9/26/80 CK-GB-RM-DU

FOUND IRON + CAP - IN PLACE

IRON WAS BENT + CAP WAS DEFACED

CORNER FALLS IN WOODS TRAIL N + S

PLACE FSLP ON R. OAK 10 N53E 11.25' FROM IRON

1919

FROM WHICH

POPLAR 12 N85°15'E 161 LKS. = 106.26'

NO EVIDENCE AT N85E 106.3'

POPLAR 8 S11°30'W 258 LKS. = 170.28'

NO EVIDENCE AT S11W 170.3'

8/19/81

SET NEW MONUMENT - F.S. 2" X 36" IRON PIPE - CAP MARKED

PLACE GLO IRON ON NORTH SIDE

T141NR27W

OF NEW MONUMENT 4" BELOW NEW CAP

C
S'1/16 S18

PLACE ROCK BELOW SURFACE - AROUND CAP

C
1981
RLS NO

WITNESSED BY

W. OAK 10 N66E 22.57' MD, CS'1/16 S18 BT

W. OAK 8 S40E 31.65' CS'1/16 S18 BT

W. OAK 9 S52W 20.91' CS'1/16 S18 BT

4X4 CEDAR POST N78W 12.72' BOTH SIGNS

SOUTH EAST 1/16 CORNER OF SECTION 18

NOTES OF GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MARKED

10/15/80 GB-JS-RM

FOUND IRON & CAP - IN PLACE SE 1/16 S18

6" ABOVE GROUND - ON SOUTH SIDE

OF ASPEN STUB - CORNER FALLS 20' EAST OF MARSH

ESLP ON 4 W. OAK S60E 5.13' 1919

FROM WHICH

W. OAK 10 S30°45'E 179 LKS. = 118.14'

NOW 20 W. OAK S30E 118.55' RESCRIBED BT

POPLAR 12 S87°E 141 LKS. = 93.06'

NO EVIDENCE REMAINS AT S87E 93.1'

MARKED NEW BT'S.

W. OAK 6 S84E 56.10' MKD SE 1/16 S18 BT

W. OAK 6 S50E 71.40' " SE 1/16 S18 BT

SOUTH 1/16 CORNER BETWEEN SECTIONS ~~17418~~

NOTES OF GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MARKED

10/15/80 JS-GB-RM

FOUND IRON & CAP - IN PLACE

10" ABOVE GROUND - IN WOODS

S 1/16

S18 | S17

1919

FROM WHICH

W. OAK 6 S 30 E 45 LKS. = 29.70'

NOW W. OAK STUMP S 30 E 29.70'

W. OAK 8 S 48° 30' W 49 LKS. = 32.34'

NOW 14 W. OAK S 49 W 32.3'

MARKED NEW BT'S.

W. OAK 6 N 68 W 49.89' MKD S 1/16 S18 BT

W. OAK 8 S 66 E 22.09' " S 1/16 S17 BT

QUARTER CORNER BETWEEN SECTIONS 18 & 19

NOTES OF GLO RESURVEY 1919

SET 1" X 3/8" IRON POST WITH BRASS CAP MARKED

9/26/80 CK-GB-RM-DU

FOUND IRON & CAP - IN PLACE

$$\frac{1}{4} \frac{S18}{S19}$$

IN SMALL MARSH - 14" ABOVE MARSH

PLACE ROCK AROUND IRON IN MARSH 1919

FROM WHICH

W. OAK 20 S77°45'E 162 LKS. = 106.92'

NOW OAK WINDFALL AT S78E 106.9' BURNED & ROTTED

N. PINE 8 S10°45'W 300 LKS. = 198.0'

NOW PINE STUB CUT-OFF YEARS AGO AT S11W 198.0' NO-SCRIBE

MARKED NEW BT'S.

W. OAK 7 N74E 66.70' MKD 1/4 S18 BT

W. OAK 7 S11E 82.2' " 1/4 S19 BT

W. OAK 11 S82E 112.7' " 1/4 S19 BT

PUT FSLP ON 7 W. OAK ON EAST SIDE OF WOOD ROAD 203'

N77W FROM OAK AT ROAD N & S

30' EAST OF IRON LEAVE MARSH

CORNER TO SECTIONS 17, 18, 19 + 20

NOTES OF GLO RESURVEY 1919

SET 2" X 36" IRON POST WITH BRASS CAP MARKED

9/26/80 CK-GB-PM-DU T141N R27W

FOUND IRON + CAP - IN PLACE - IN GOOD S18 | S17

CONDITION - 3" BELOW GROUND - 20' SOUTH S19 | S20

OF E + W WOODS TRAIL FROM S+W.

CORNER IN ASPEN - OAK STAND + HEAVY BRUSH 1919

FROM WHICH

ORIG. BT. PINE STUMP 16 N10W 65 LKS. = 42.90'

NOW ROTTED + BURNED PINE STUMP N10W 42.9'

ORIG. BT. PINE STUMP 12 N23W 75 LKS. = 49.50'

NOW ROTTED + BURNED PINE STUMP N23W 49.5'

NEW

W. OAK 8 S52°30'E 299 LKS. = 197.34'

NOW WELL ROTTED OAK STUMP AT S52E 197.3'

NO OTHER TREES SUITABLE FOR BT'S.

MARKED NEW BT'S

W. OAK 8 N33W 53.95' mko T141N R27W S18 BT

W. OAK 8 N3W 55.32' " " " S18 BT

W. OAK 8 S40E 54.25' " " " S20 BT

W. OAK 9 N78E 17.40' " " " S17 BT

PLACE ROCK RING AROUND IRON FLUSH WITH GROUND

O-3-4

ANGLE POINT 2 TR 1430 IN SECTION 19

N74°34'W OF NE 1/16 CORNER SECTION 19 A DISTANCE
OF 11.39 CHS. OR 751.74'

NOTES OF GLO RESURVEY 1919

SET 1" X 3/16" IRON POST WITH BRASS CAP MARKED

10/14/80 CK-JS

FOUND IRON + CAP - IN PLACE

IN GOOD CONDITION - 10" ABOVE GROUND

AP2
TR
1430

50' SOUTH OF E + W WOODS TRAIL S19

150' WEST OF WOODS TRAIL N+S 1919

NO BT'S.

MARKED NEW BT'S.

W. OAK 10 N46W 13.45' MKD X BT

W. OAK 8 S77E 72.70' " AP2 BT

W. OAK 8 S63W 54.70' " X BT

PLACE 3 LARGE ROCK AROUND IRON

NORTH EAST 1/16 CORNER OF SECTION 19

NOTES OF GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MARKED

9/24/80 CK-6B

FOUND IRON + CAP - IN PLACE - IN GOOD CONDITION

10" ABOVE GROUND - IN ASPEN NE 1/16 S19

AND HARDWOODS - ON SIDE HILL - 110' EAST OF OPEN

SWAMP

1919

FROM WHICH

ELM 24 S27E 189 LKS. 124.7'

NOW 24 DEAD ELM AT S27E 124.7'

N. PINE 14 S84W 158 LKS. 104.3'

NOW 23 N. PINE AT S84W 104.3'

MARKED NEW BT'S.

W. OAK 4 S20E 26.65' MKD X BT

W. OAK 6 S48E 74.10' " NE 1/16 S19 BT

W. OAK 9 N75E 48.45' " NE 1/16 S19 BT

35 0-5

WITNESS CORNER NORTH 1/4 19420

NOTES OF G.L.O. RESURVEY 1919.

SET 1" x 36" iron post with brass cap mkd.

9/22/80 - Found iron and cap in WC
place and in good condition, N 1/4

Iron was leaning south in grassy S19/S20
swamp. Beaver channel just south 1919

of iron. Iron is approx. 20' north of high ground

From which:

Poplar 8" S36E 62 lbs. 40.9'

Found rotted stp. S36E 40.9'

Poplar 12" S53W 90 lbs. 59.4'

Found large depression S53W 59.4'

9/22/80 CK, G.B., D.U.

Mkd. New BT's:

W. Oak 11" S29E 49.0' Mkd. WC N 1/4 S20BT

W. Pine 31" S68E 73.4' WC N 1/4 S20BT

N. Pine 21" S61W 79.6' WC N 1/4 S19BT

Piled rock around monument

Chained north from 1/4 corner, (Distance checked good)

C.L. Done

36 0-5,6 S
Angle Point 1+2 Set 20

NOTES OF GLO RESURVEY 1919

Set 1" x 36" iron post with brass cap m
9/23/80 CK, DU.

Found cap in place on 1" dia.
iron pipe.

S20	
AP 1	AP 2
TR 1430	TR 1368
1919	

No BT'S MKD.

9/23/80 MKD. New BT'S:

W. Oak	8"	S72W	51.7'	Mkd. AP 1	S20 BT
N. Pine	21"	S45W	65.0'	AP 1	S20 BT
W. Oak	5"	S17W	109.6'	AP 1	S20 BT

C.C. Done

Chainage checked good C.C. Done

37

0-6

NORTHWEST 1/16 Sec. 20

NOTES OF GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP

9/23/80 CK, DU - fd. iron and cap

in place in good condition 10" NW 1/16 S20
above ground. 1919

From which

N. PINE 8 N34W 23.1

Found 20" N34W 23.1'

W. PINE 8" S32W 381ks.

Found 18" S32W 25.1'

9/23/80

MKD NEW BT'S:

N. Pine 17" N17E 76.30' ^{scribed} NW 1/16 S20BT

W. Pine 22" S19W 14.50' NW 1/16 S20BT

Remark GLO N. Pine 20" N34W 22.4 to spike.

C.L. Done

Corner is at the base of a hill on east aspect.
Small wet grassy slough to the east-ss
in aspen and pine. Chainage checked good. C.L. Done

38 0-6.7

Angle Point 3 and 4 Sec 20

NOTES OF GLO RESURVEY 1919:

9/23/80 CK, DU

Found iron and cap

S.20

in place and in good

TR1547 | TR1370

condition. Brass cap set

AP4 | AP3

8" above ground at base of hill

TR1461

on the west aspect

1919

Mkd. No BT's in 1919

9/23/80 Mkd. New BT's:

Scribed

N. Pine 18" N18W 6.90' AP4 S20BT

N. Pine 19" N37E 28.9' AP3 S20BT

N. Pine 15" S7W 3.85 "X" BT

38

C.C. Done

Corner falls 50' north of low and wet area
in Pine, Aspen and birch. Chainage checked good

38A

Q-8

SOUTH-EAST $\frac{1}{16}$ SEC 20

NOTES OF GLO RESURVEY 1919

Set 1" X 36" iron pipe with brass cap mkd.

9/24/80 GB, RM

Found iron pipe set in place
with brass cap.SE $\frac{1}{16}$ S20

1919

From which

Cedar 14" N29E 251ks. 16.50'

Found Cedar 18" N29E 16.50'

Cedar 5" S40E 191ks. 12.54'

Found Cedar 6" S40E 12.54'

9/24/80 MKd New BT

Cedar 11" S59W 13.7' SE $\frac{1}{16}$ S20BTCertificate Filed by Gary Stuenkel RLS
265254Corner falls in cedar swamp. C.C. done
Chainage checked good

39

P-3

CENTER QUARTER SEC 19

NOTES OF GLO. RESURVEY 1919
 10/14/80 CR-35

Found iron and cap in place and
 in good condition. Brass cap set $C\frac{1}{4}$ S19
 12" above ground in hardwood 1919
 stand.

From which

Basswood 8" N41E 34ks. 22.4

Found 4 Basswood sprouts out of old stp. N41E 22.4"

Ash 10" S87W 52ks. 34.3

Found 27" Ash N43W 34.3' Scribed over ground

10/14/80
 MKD. NEW BT'S:

Ash 7" N33W 8.70' MKD $C\frac{1}{4}$ S19BT

W. Oak 8" N82E 27.43' $C\frac{1}{4}$ S19BT

W. Oak 11" S55W 60.30' $C\frac{1}{4}$ S19BT

Placed FSLP on 8" W. Oak S80E 18.2'

C.C. Done

Corner falls approx. 135' east of NE-SW
 woods trail. Blazed 6" Ash, 4 sides 24"
 west of iron. Chainage checked good

40

P-3,4

ANGLE POINT 3 Sec 19

NOTES OF GLO RESURVEY 1919

10/15/80 JS-GB-RM

Ed. iron pipe with brass cap
set in place. Brass cap set
flush with moss.

S19

TR
1430
AP3
1919

MKD. NOBT'S 1919

10/15/80 MKD New BT's

scribed

Tam.	5"	S31W	35.35'	"X" BT
Blk. Spruce	4"	N73W	4.64'	"X" BT
Tam.	3"	N32E	31.99'	AP3 S19 BT

C.C. Done

Corner falls in a Black Spruce and Tamarack
mossy swamp almost in the center.

Chainage checked good

41

P-4

CENTER-EAST $\frac{1}{16}$ Sec 19

NOTES OF GLOW RESURVEY 1919

9/18/80 CK-GO-RM: Fd. iron and cap
in place and in good condition.
Brass cap set 12" above ground in
hardwood stand.

$\frac{E}{16}$
S19
1919

From which

W. Pine 16" N82°E 231ks. 152.5'

W. Oak 20" N76°W 921ks. 60.7

Found large Oak stp. N76W 60.7'

9/18/80 MKd. New BT'S:

W. Oak 7" N68E 55.90' ^{scribed} CE $\frac{1}{16}$ S19 BT

W. Oak 7" S21E 41.20' "

W. Oak 8" N50W 6.60' "

C.C. Done

Corner at N.E. corner of logging sale at
present time. Large pine stand bears
S.E. approx. 200'-300', large slough
to the SE.

Found F.S. L.P. on 4" W. Oak S52W 9' from corner
by L.W.

ANGLE POINT 1 Sec 19

NOTES OF GLO RESURVEY

SET A 1" x 36" iron pipe with brass cap mkd
9/16/80 CK, RM found iron and cap

set in place and in good condition.

TR 1430

Brass cap set 8" above ground in
heavy brush with Aspen, Birch and
hardwoods.

AP 1

TR

1556

519

Mkd No. BT'S in 1919

9/16/80 Mkd New BT'S:

scribed

W. Oak	10"	S10E	16.6'	"X" BT
R. Oak	11"	S80E	44.3'	"X" BT
N. Pine	22"	N33E	122.6'	"X" BT

Piled large stones around monument.

C.E. Done

Old rock pile on edge of old field bears
south and S.E.

F.S.L.P. on 4" W. Oak S80E 60' by L.W.

Road bears NW-SE approx. 115' NE of corner.

Chainage checked good.

C.C. Done

Quarter Corner Bet. Secs. 19+20

NOTES OF GLO SURVEY 1919

Set a 1" x 36" iron pipe with brass cap mks
 9/16/80 CK-RM Found iron and
 cap in place and in good condition. $\frac{1}{4}$
 Brass cap set 6" above ground on S19/520
 side slope in Aspen + hardwoods 1919

Set proportionally from which

W. Pine 8" NS6E 101 ks.

Found W. Pine Stp. well rotted NS6E 66.7'

W. Pine 10" S23W 27 ks.

Small grassy low wet swamp bears
 approx. 60' SE of corner. E-W woods road
 approx. 90' north of corner. Chainage checked good.

44

P-5,6

ANGLE POINT 3 and 4 Sec 20

NOTES OF GLO RESURVEY 1919

Set 1" x 3/8" iron pipe with brass cap, mkd.

9/23/80 BRAMA, MAIN

Found GLO monument with brass
cap set 6" above ground and
set in place.

TR	TR
1430	1369
AP4	AP3

S20

1919

Mkd. No. BT'S in 1919

9/23/80 MKD. NEW BT'S

scribed

R. Pine	19"	S10W	89.3'	X	BT
R. Pine	21"	S68W	76.9'	X	BT
W. Oak	9"	N43W	83.2'	AP 4	S20 BT

Monument is 10' south of a road which bears
E-W. Found location poster 12" from road
on a 10" aspen. C.C. Done Chainage checked good

45

P-7

CENTER QUARTER SEC 20

NOTES OF GLO. RESURVEY 1919

Set 1" x 36" iron pipe with brass cap mkd.

9/23/80 GB, RM

Found iron pipe with brass C 1/4 S 20

cap set in place. Brass cap set 1919

16" above ground.

From which

N. PINE 10" S 59 E 731ks. 48.18'

Found 23" S 59 E 48.18' Rescribed BT

Spruce 6" N 46 W 1641ks. 42.24'

Found no evidence

Fd. F.S.L.P. on 8" Aspen at N 54 E 410' from corner.

9/23/80 MKD. NEW BT'S:

L.P. Pine 17" S 42 E 54.0' C 1/4 S 20 BT

W. Oak 9" N 14 E 46.74' "

Corner is on the east edge of a swamp. Ridge
 bears east of corner and runs N 4 S. C.C. Done
 Chainage checked good

CENTER-EAST $\frac{1}{16}$ Sec. 20NOTES OF GEO. SURVEY ~~NOV~~ 1919

Set 1" x 36" iron pipe with brass cap mkd.

9/24/80 - GB, RM

Found iron pipe with brass cap
set in place. Brass cap set 14"
above ground.

E $\frac{1}{16}$ C
S 20
1919

FROM WHICH

Poplar 15" S3°W 591ks. 38.94'

Found rotted Poplar stp. S3W 38.94'

Balsam 6" S89°30'W 1271ks. 83.8'

Found rotted Balsam stp. west 83.8'

9/24/80 MKD. New BT'S:

				scribed
Ash	8"	S46°E	21.07'	CE $\frac{1}{16}$ S20BT
Ash	11"	S9°W	26.12'	CE $\frac{1}{16}$ S20BT
W. Pine	15"	N64W	43.02'	CE $\frac{1}{16}$ S20BT
Placed F.S.L.P. on a 13" Ash at N21°W 10.15'				

Corner on West edge of Ash lowland.

Chainage checked good.

C.C. Done

47 P-Q, 8

ANGLE POINT 2 and 3, Sec. 20

NOTES OF GLO RESURVEY 1919

SET 1" x 36" iron pipe with brass cap mkd.

9/24/80 GB, RM

Found iron pipe with brass cap
set 6" above ground and in place.

TR
1675
AP3
AP2
TR
1451

Mkd No. BT'S in 1919

Mkd. New BT'S:

				Scribed
Ash	10"	N55°E	23.68'	A.P. 3 520 BT
Ash	6"	N6°E	53.82'	A.P. 3 520 BT
W. Pine	25"	S34°E	7.3'	A.P. 2 520 BT

Placed F.S.L.P. on W. Pine 25" S34°E 7.3'

Certificate Filed by Gary Stevenson 205252

C.C. Down

Chainage checked good

48

Q-4

SOUTH-EAST 1/16 Sec 19

NOTES OF GLO RESURVEY 1919

9/18/80 Set 1" x 36" iron pipe with brass cap mkd.

Found GLO iron pipe with
brass cap set in place. Brass S.E. 1/16 S19
cap set 1.5' above ground. 1919

Reset to 1.0' above ground. -----

From which

N. Pine 8" S43°30'E 119.1Ks. 78.5'

Found 22" N. Pine S44E 78.5' Rescribed "BT"

W. Pine 8" N60W 284.1Ks. 187.4'

Found 10" W. Pine stp. N60W 187.4' Scribe
visible with burnt scars on face

9/18/80 CK, GB, RM MKd. new BT'S: scribed

1. N. Pine 20" S88°E 114.6' SE 1/16 S19 BT

2. N. Pine 19" S43E 69.0' SE 1/16 S19 BT

3. N. Pine 20" N60E 134.40' SE 1/16 S19 BT

Piled many rocks around monument.

A beaver runway is about 20' west of
corner. At certain times of the year, this
corner could end up under water due to
beaver flooding. Corner falls in a swamp
north of a beaver pond. Pine ridge to the
east-south-east. C.C. Done

Chainage checked good



49 Q-4,5

Angle Point 4 Sec. 19

NOTES OF GEO. RESURVEY 1919

Set 1" x 3/8" iron pipe with brass cap mkd.

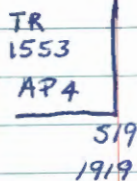
9/16/80 - CK, RM - found iron +

cap in place in good condition

Brass cap set 1.0' above ground.

In hardwoods and aspen.

Mkd NOBT'S in 1919



9/16/80 Mkd new BT'S:

W. Oak 8" S68E 12.65' X BT

R. Oak 8" S22W 41.70' X BT

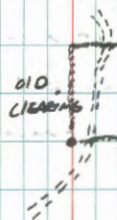
W. Oak 7" N4E 33.80' X BT

Placed 3 large rocks around monument

Scribed Has F500
by L.W.

Corner in SW corner of old clearing
Woods road N-SW is approx. 300' E of
corner.

Chainage checked good



C.G. Done

50 Q-5

SOUTH 1/16 Bet Sec 19, 20

NOTES OF GLO RESURVEY 1919-

Set 1" x 36" iron pipe with brass cap mtd.

9/16/80 CK, RM Found iron and cap S1/16

set in place in good condition

Brass cap set 14" above ground in

heavy brush.

S19 | S20

1919

From which

N. Pine 10" S28E 89 lks. 58.7'

Found burned pine stp. underground S28E 58.7'

N. Pine 8" S71W 43 lks. 28.4'

Found 22" N. Pine S71W 28.4' Scribed overgrown

9/16/80 MKd. new BT'S:

GLO N. Pine 22" S71W 28.6' Rescribed S1/16 S19BT

N. Pine 18" S29W 34.7' S1/16 S19BT

W. Oak 7" S7E 64.6' S1/16 S20BT

Corner falls in Aspen, birch with scattered
pine, Chainage checked good C.C. Done

51 Q-5,6

Angle Point 4 Sec 20

NOTES OF G.L.D. RESURVEY 1919

Set 1" x 36" iron pipe with brass cap mkd.

9/24/80 CK, DU

Found iron and cap in place and in good condition. BRASS cap set 8" above ground.

TR
1369
A74

S20

1919

Mkd No BT'S in 1919

9/24/80 Mkd New BT'S:

N. Pine	18"	N18W	114.50	Mkd x BT
N. Pine	4"	N55W	54.70	" x BT
N. Pine	22"	S60W	94.55	" x BT

Placed rocks around monument

Corner falls in brush swamp at westerly edge approx. 10' east of ridge N-5. C.C. Down chainage checked good

52

Q-7

CENTER-SOUTH $\frac{1}{16}$ sec 20

NOTES OF GLO RESURVEY 1919

Set 1" x 36" iron pipe with brass cap mkd:

9/23/80 BRAMA, MAIN

Found iron pipe with brass cap
set in place. Flanges broken off
but at base of pipe.

C
S $\frac{1}{16}$ | S20
C

From which

Cedar 8" N68W 15.8'

Found 10" dead cedar N68W 15.8'

Cedar 15" S27W 27.7'

Found Cedar 19" S27W 27.7'

9/23/80 MKD. New BT'S

Cedar 13" S37E at 25.3 ^{scribed} CS $\frac{1}{16}$ S20BTCedar 7" S66E at 32.9 CS $\frac{1}{16}$ S20BTAsh 9" N6°E at 15.9 CS $\frac{1}{16}$ S20BT

Placed F.S.L.P. on 12" cedar S10°W 7.0'

Corner falls in cedar swamp. About 70'
south, leave swamp and go up onto a
high ridge. C.C. Done
Chainage checked good

53 Q-8,9

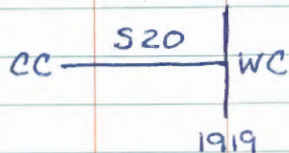
CLOSING CORNER WITNESS CORNER SEC 20

NOTES OF GLO RESURVEY 1919

Set 1" x 36" iron pipe with brass cap mkd.

9/24/80 GB-RM

Found iron pipe set in
place 6" above ground



Mkd. NOBT'S in 1919

9/23/80 Mkd New BT'S:

				Scribed
Ash	7"	N81°W	60.9	CC WC S20 BT
Ash	5"	N63°W	58.8'	"X" BT
Ash	4"	N29°W	48.95'	"X" BT

Corner falls in alder swamp 50' west of
cedar swamp. Boy River is 50' east of
corner. Chainage checked good L.C. Done

54

R-4

EAST 1/16 Bet Sec's 19 and 30

NOTES OF GLO RESURVEY 1919

Set 1" x 36" iron pipe with brass cap mkd.

9/11/80 Krause, Brama, Main

Fd. iron pipe with brass cap mkd.

set in place. Brass cap set

E 1/16 $\frac{S19}{S30}$

10" above ground.

1919

from which

Maple 10" ^{N10E} 156 lks. 103'

Found stump hole N10E 103'

Poplar 6" S70W 174 lks. 114.8'

Found stump hole S70W 114.8'

Found F.S.L.P. on a 3" maple S54°E 4.5'

from corner.

9/11/80 Mkd. New BT'S:

Scribed

W. Oak 6" N12°W 84.75' E 1/16 S19 BT

R. Oak 9" S87W 40.75' E 1/16 S30 BT

W. Oak 10" N18°E 63.95' E 1/16 S19 BT

A trail is 145' west of corner. C.C. Done

Quarter Bet. Sec's. 19 and 30

NOTES OF GLO RESURVEY 1919

Set 1" x 36" iron pipe with brass cap mid.

9/23/80 - CK, GB, RM

Found iron pipe 3' under moss
standing straight up & down set in place $\frac{1}{4}$ $\frac{519}{530}$

1919

Set proportionally

From which

R. Oak 12" N54E 182 lks. 120.12'

Found no evidence

R. Oak 10" S64°E 292 lks. 192.72'

Found no evidence

9/23/80 Wired 8" steel sign post to GLO monument

Top of post and brass cap set 8" above bog.

Corner falls in a boggy swamp.

Chained from E $\frac{1}{16}$ to $\frac{1}{4}$ and from E $\frac{1}{16}$ to $\frac{1}{4}$ corner. Distance checks good. C.C. done

56 R.S-4

ANGLE POINT 2 Sec 30

NOTES OF GLO RESURVEY 1919

9/11/80 CK, GB, DU

Found iron pipe with brass TR
cap set 1.0' above ground 145'
and set in place

AP 2
TR 153'
530

Mkd. No BT'S in 1919

1919

Fd. F.S. L.P. on 11" Red Oak S38W 13'

9/11/80 Mkd New BT'S:

W. Oak	10"	S28E	44.35'	AP 2 BT
W. Oak	5"	N62W	48.40'	X BT
W. Oak	6"	N27E	47.20'	X BT

Chained from E1/4 south 680', Distance checked
good. C.C. Done

R, S-5

57 ANGLE POINT 1

NOTES OF GLO RESURVEY 1919

Set 1" x 36" iron pipe with brass cap mkd.

10/9/80 W.N.O. Found brass

cap on 1" iron pipe in good

shape

530
AP 1
TR 1531

529

Mkd. NO BT's in 1919

1919

10/9/80 Mkd. BT's:

scribed

Maple 8" N12°E 27.94 AP 529 BT

Elm 8" S66°E 36.54 " " "

Ash 7" S39W 9.86 AP 530 BT

W. Oak 5" S69W 20.99' " " "

8" steel sign posts set 40' north and west with F.S. signs attached.

Survey line to F.S. Standard runs north & west from corner, 4" x 4" x 7' wood post with F.S.L.P. placed on true line north of this corner on trail.

C.L. Done

58 S-3
CENTER NORTH $\frac{1}{16}$ Sec 30

NOTES OF BLO RESURVEY 1919

Set 1" x 36" iron pipe with brass cap
marked

9/16/80 GB, DU

C
N $\frac{1}{16}$ S30
C
1919

Found iron pipe with brass cap
set in place. Brass cap set 10" above
ground.

From which

Ironwood 8" SIZE 531ks. 34.98

Found no evidence

Spruce 14" ¹² S $\frac{1}{4}$ W 641ks 42.24

Found no evidence

Mkd, New BT's:

W. Oak	13"	NZW	26.50"	Scribed CN $\frac{1}{16}$ S30 BT
W. Oak	5"	S29E	36.45'	" " "
R. Oak	29"	S85W	21.25'	" " "

Corner falls on the north slope of a ridge
Distance checked good. C.C. Done

59 5-4

NORTH-EAST 1/16 Sec. 30

NOTES OF GLO-RESURVEY 1919

Set a 1" x 36" iron pipe with brass cap
 9/11/80 Fd. iron pipe set 6" above ground
 in place with B.C. marked. NE 1/16 S30
 1919

FROM WHICH:

Poplar	6"	N45E	^{How to read} 591Ks.?	38.9
Fd. ro Her poplar stump		N45E		at 39.0'
Poplar	8"	S15W?	^{How to read} 1291Ks.?	85.1

Fd. no remains of this BT.

9/11/80 CK-GB-DU

Mkd. New BT'S:

Elm	8"	N48E	81.43	^{scribed} NE 1/16 S30 BT
Ash	6"	S49E	80.48	NE 1/16 S30 BT
W. Oak	5"	S13E	102.22'	NE 1/16 S30 BT

C.L. Done

Corner falls in a swamp about 50' west of
 high ground.

60 T-3

CENTER QUARTER SEC 30

NOTES OF GLO RESURVEY, 1919.

Set a 1" x 36" iron pipe with brass cap mkd.

9/16/80 Found iron pipe with
brass cap set 8" above ground. C¹/₄ S30 BT
1919

FROM WHICH:

W. Oak 24" N65¹/₂ E 142 lks. 93.72'

W. Oak 12" N82¹/₂ W 84 lks. 55.44'

9/16/80 BRAMA, Upgren

Found no evidence of BT's recorded in 1919.

Fd. F.S.L.P. on a tree and an old rusty
tag on a Oak. Chained from the CE¹/₆ to
C¹/₄ 1564.2'. Distance checks out good.

Chained from the ~~C¹/₆~~ C¹/₄ to CN¹/₆.

Distance checks out good. ~~But~~ Didn't
re-monument today, because we weren't
sure of bearings & distances to ^{GLO} BT'S.
(POOR NOTES for reading).

10/9/80 - Bill Olson

Found iron pipe with brass cap in good
condition up 8'. Found no GLO BT'S. Cont.

C.L. Done

Fd. F.S.L.P. by Leo W. Hauff on 6" W. Oak
N52 E 12.5' from corner.

Mkd. New BT'S:

11" Elm - S46° E 47.85 ^{scribed} C¹/₄ S30 BT

5" W. Oak - S51 W 12.60 " C¹/₄ S30 BT

16" W. Oak - N19 W 50.63 " C¹/₄ S30 BT

16" W. Oak - N49° E 71.76 " C¹/₄ S30 BT

Placed 8' steel sign post east 4.0' with
both signs attached.

CENTER-EAST $\frac{1}{16}$ SEC 13

NOTES OF SURVEY BY J.A. Gjelhaug -1936

Set 1" x 20" long iron pipe

Mkd. Basswood 12" S32°30'E 221K5, =14.5'

See Remer Tower Survey by J.A. Gjelhaug

10/2/89 CK, GB

Fd. 1" x 20" iron pipe set 5" high in good condition.

Fd. Basswood 20" S33E 14.05 to our spike

Placed 3 rocks around iron pipe.

Mkd. New BT'S:

R. Oak 11" N60W 10.33' Spk + tag

R. Oak 11" S70E 35.20' Spk + tag

} Red Bands

Measured from Tower site 815' and ran S25W to corner. Corner falls in hardwoods

4-29-04 R₀ MAIN

Fd IRON IN PLACE AND GAS. 1936 BASSWOOD NOW A WIND FALL. 1989 BT'S ARE GOOD

CENTER-QUARTER SEC 13

NOTES OF SURVEY BY J.A. Gjelhaug - 1936

See Remer Tower Survey By Gjelhaug

Set 1" x 20" iron pipe

Mkd. Elm 10" N58°30'E 421ks = 27.7

10/2/89 CK, GB

Fd. 1" x 20" iron pipe set 4" high in good
condition. Found Elm BT recorded in 1936.

Dead Elm N59E at 27.7'

Mkd. New BT -

R. Oak 11" N60W 14.0' Spike & Tag, red band

4-22-04 R. MAIN

GPSED IRON

L.C. Done

Measured from CE 1/6 1343.8' and ran west.

Fell 50' south of iron. Cut over area ~~runs~~^{is}

50' south and runs E-W

Corner is 500' west of Remer Tower Road #2103.

Also See Book #2 pg. 6

11-23-92 RM-GB-CK

FD. SPIKE NEXT TO HOLE FROM DNR MONUMENT
WHICH HAS BEEN PULLED OUT
FROM DNR TIE TREES WE REESTABLISHED CORNER
LOCATION

SET 2" X 48" FLANGED IRON PIPE WITH BRASS CAP MKD.

T141 N R27W

S26 | S25

S35 | S36

1992

USFS

WITNESSED BY NEW BT'S.

ASH 5 N62E - 30.72' MKD S25 BT

ASH 7 S54E - 39.26 " S36 BT

W. OAK 26 S30W - 35.15 " BT

ASH 9 N27W - 82.01 " S26 BT

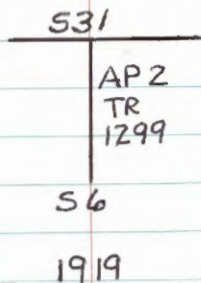
8' STEEL SIGN POST DUE NORTH 3.65'

" " " " " EAST 3.90'

64

ANGLE POINT 2 OF ALLOTMENT 1299 BET. SEC'S.
 6+31 -10.22 CHS. OR 674.52' N89°09'W OF
 SEC. COR. 5-6-31-32

NOTES OF GLO RESURVEY 1919
 SET 1"X36" IRON POST WITH BRASS CAP MKD.



NO BT'S.

1-14-04 R. MAIN

MARK NEW BTS. IRON IN EAST SIDE OF
 BEAVER POND IN SWAMP GRASS WITH SOME DEAD
 TIMBER.

W OAK 10" N38E 596 FT TO SPR MKD & S 31 BT

W OAK 8" N50°E 604 FT TO SPR MKD & S 31 BT

LINE TO STANDARD EAST AND SOUTH

CC DONE

64

4/78 RANDY SILBAUGH

FD. IRON+CAP - IN PLACE - 10" HIGH
 PLACE 8' STEEL SIGN POSTS - E 3.13' + S 4.25'
 LINES TO STANDARD SOUTH OF IRON - 1978

65

ANGLE POINT #3 OF ALLOTMENT 1299 ~~IN~~ IN
SECTION 6 - N87°20'W - 10.34 CHS. OR 682.44'
FROM N¹/₁₆ BET. SECS. 5 & 6

NOTES OF GLO RESURVEY

1919 - SET 1" x 36" IRON POST

WITH BRASS CAP MKD,

	TR
	1299
	AP3
TR.	1227
	56

1919

NO BT'S.

65

4/78 RANDY SILBAUGH

FD. IRON + CAP - IN PLACE - 10" HIGH

PLACED 8' STEEL SIGN POSTS - EAST 2.43'
NORTH 3.5'. LINE TO STANDARD N+E

66

NORTH 1/16 BETWEEN SECTIONS 5+6

NOTES OF GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MKD

$$\begin{array}{c} N\ 1/16 \\ | \\ S6 \ | \ S5 \end{array}$$

1919

WITNESSED BY

POPLAR 6 S50E 10 LKS. = 6.60'

BIRCH 4 N34¹5'W 25 LKS. = 16.50'

1-14-04 R. MAIN

MARK NEW BTS

R. PINE 12" N36W 79.15 FT TO SPK MKD & S6 BT

W. OAK 9" S65W 34.3 FT TO SPK MKD & S6 BT

LINE TO STANDARD NORTH AND WEST 0

66

4/78 RANDY SILBAUGH

Fd. IRON + CAP - IN PLACE - 12" HIGH

Fd. DEAD ASPEN 14" S50E 10 LKS.

Fd. BIRCH 12" N34W 25 LKS.

PLACED 8' STEEL SIGN POSTS - NORTH 3.6' +
WEST 4.0' - LINE TO STANDARD WEST
OF IRON - 1978

67

ANGLE POINT 3 OF ALLOTMENT 1229 AND ANGLE POINT 4
OF ALLOTMENT 1231 BET. SEC'S. 5+8

NOTES OF GLO RESURVEY 1919

	SS	
TR		TR
1231		1229
AP4		AP3
<hr/>		
	S8	

1919

NO BT'S.

67

68
EAST $\frac{1}{16}$ CORNER BET. SEC'S. 5 & 8
NOTES OF GLO RESURVEY 1919
SET 1" x 36" IRON POST WITH BRASS CAP MKD.

$E \frac{1}{16} \frac{S5}{S8}$

1919

FROM WHICH

W. PINE 30 $S15^{\circ}45'E$ 127 LKS. = 83.82'

NO OTHER SUITABLE BT TO NORTH

68
 $N88^{\circ}06'W$ FROM NE COR SEC. 8 - 20.62 CHS. = 1360.92'
OR 20.63 CHS. = 1361.58' FROM $N\frac{1}{4}$ SEC. 8

CORNER CARD BY LED WITH DEFT 9/29/77
FD. IRON + CAP IN PLACE 11" ABOVE GROUND
FD. W. PINE STUMP 30" \pm $S16E$ - 83.82'
FD. FSLP ON R. OAK 5" $N70W$ - 8.0' TO COR.

QUARTER CORNER BETWEEN SECTIONS 5+8

NOTES OF G.L.O. RESURVEY 1919

SET AT PROPORTIONAL DISTANCE

SET 1" X 36" IRON POST WITH BRASS CAP MKD.

$$\frac{1}{4} \frac{55}{58}$$

FROM WHICH

1919

R. OAK 8 N7E 84 LKS. = 55.44'

R. OAK 14 S59°30'E 76 LKS. = 50.16'

CORNER CARD BY LEO WITTHOEFT 9/28/77

Fd. IRON+CAP IN PLACE 10" ABOVE GROUND

Fd. GLO R. OAK 24" N7E - 55.44'

Fd. STUMP HOLE WITH 6" R. OAK GROWING OUT
OF HOLE S59E - 50.16'

PLACED FSLP ON BASSWOOD 10" SOUTH 2.0'
TO COR. PLACED BT TAGS ON GLO BT'S

QUARTER CORNER BET. SEC'S. 31 & 32
 ORIG. GOV'T. SURVEY 1874
 SET WOOD POST

MAPLE 7 S75W 6 Lks. = 3.96'

MAPLE 7 N80E 15 Lks. = 9.90'

GLO RESURVEY 1919

PROPORTIONATE DISTANCE

SET 1" x 3/8" IRON POST WITH BRASS CAP MKD.

$\frac{1}{4}$
 S31 | S32

1919

FROM WHICH

SPRUCE 12 N4W 338 Lks. = 223.08'

BASSWOOD 12 S19 $\frac{1}{2}$ W 119 Lks. = 78.54'

QUARTER CORNER BET. SECS. 30+31
 ORIG. GOV'T. SURVEY 1874
 SET WOOD POST

POPLAR 6 N20W 65 LKS. = 42.90'

NO OTHER

GLO RESURVEY 1919

PROPORTIONATE DISTANCE
 SET 1" X 3/8" IRON POST WITH BRASS CAP MKD.

$$\frac{1}{4} \frac{530}{531}$$

1919

FROM WHICH

POPLAR 5 NORTH 52 LKS. = 34.32'

POPLAR 5 S46¹/₄E 33 LKS. = 21.78'

CLOSING CORNER - WITNESS CORNER BET.
SEC'S. 9 & 16 ON WEST SHORE OF BOY
RIVER

GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MKD.

	T141N	
	59	
CC	516	WC
	R27W	

1919

FROM WHICH

BIRCH 8 N67½W 178 LKS. = 117.48'

BIRCH 8 S57½W 140 LKS. = 92.40'

9/10/80 CK-GB

CHAINED S88°E FROM SEC. COR. 8-9-16 & 17
GLO DISTANCE OF 18.00 CHS OR 1188.0'
ALONG OLD ROAD GRADE TO EAST EDGE OF
BRIDGE FILL - NO MONUMENT COULD BE
LOCATED - NO EVIDENCE OF BT'S.
BELIEVE EVERYTHING WAS DESTROYED BY
ROAD CONSTRUCTION YEARS AGO

WITNESS CORNER - CLOSING CORNER BET. SEC'S.

17 & 20 ON WEST BANK OF BOY RIVER

GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MKD.

	T141N	
	S17	
CC	S20	WC
	R27W	
	1919	

FROM WHICH

W. OAK 16 N12W 56 Lks. = 36.96'

ASH 10 S33³/₄W 175 Lks. = 115.50'

74

EAST $\frac{1}{16}$ CORNER BET. SEC'S. 17+20

GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MKD.

$$E \frac{1}{16} \frac{S17}{S20}$$

1919

FROM WHICH

POPLAR 16 NBE 100 LKS. = 66.0'

BALSAM 6 S68 $\frac{3}{4}$ E 63 LKS. = 41.58'

74

QUARTER CORNER BET. SEC'S. 17+20

ORIG. GOV'T. SURVEY 1874

SET WOOD POST

PINE 10 N56E 85 LKS. = 56.10'

POPLAR 4 S26W 70 LKS. = 46.20'

GLO RESURVEY 1919

PROPORTIONATE DISTANCE

SET 1" X 36" IRON POST WITH BRASS CAP MKD.

$$\frac{1}{4} \frac{517}{520}$$

1919

FROM WHICH

N. PINE 12 N21E 122 LKS. = 80.52'

BIRCH 6 S4½E 164 LKS. = 108.24'

76

ANGLE POINT #1 TR 1547 + ANGLE POINT #2

TR 1370 BET. SEC'S. 17+20

GLO RESURVEY 1919

SET 1" X 36" IRON POST WITH BRASS CAP MKA.

S17
TR 1510

API	APZ
TR	TR
1547	1370

S20

1919

NO BT'S.

76

ANGLE POINT 4 TR 1348 BET. SEC'S. 17+20

GLO RESURVEY 1919

SET 1" X 3/8" IRON POST WITH BRASS CAP MKD.

S17
TR
1348
AP4
<hr/>
TR 1648
520
1919

NO BT'S.

SECTION CORNER $\frac{2419}{2530}$
 CONT FROM BK #2 Pg #12

9-22-03 R₀ MAIN

GPSED IRON. 1977 CEDARS ONLY BT
 REMAINING ALIVE. CORNERIS ± 515 FT
 WEST OF \angle FR2103 AND \angle FR2076.

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
 $120.87 \div 12 = 10.07$. Say a 10° Curve.

Tan. in Tab. I opp. 23° 20' = 1183.1
 $1183.1 \div 10 = 118.31$.

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° 19½'	= def. for sta.	542	I. P. = sta.	542+72
4° 49½'	= " " "	+50	Tan. =	118.47
7° 19½'	= " " "	543	B. C. = sta.	541+53.53
9° 49½'	= " " "	+50	L. C. =	2.3333
11° 40'	= " " "	543+	E. C. = Sta.	543+86.86
		86.86		

$100 - 53.53 = 46.47 \times 3' (\text{def. for 1 ft. of } 10^\circ \text{ Cur.}) = 139.41' =$
 $2^\circ 19\frac{1}{2}' =$ def. for sta. 542.

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

Def. for 36.86 ft. = 1° 50½' for a 10° Curve.

