

CORNER
RESTORATION

T144N R30W

BOOK # 3

K&L
FIELD BOOK

20073

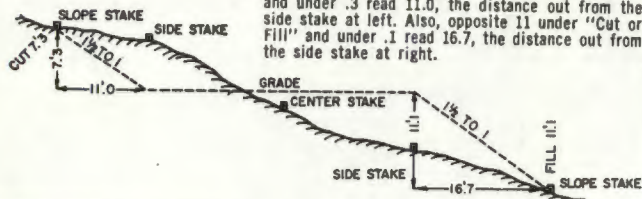
T144N R30W

BOOK # 3

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



T144N R30W

BOOK # 3

Cut or Fill	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40



The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

TABLE VIII
LINKS IN FEET, 10THS AND 100THS OF FEET

Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet
1	0.66	18	11.88	35	23.10	52	34.32	69	45.54	86	56.76
2	1.32	19	12.54	36	23.76	53	34.98	70	46.20	87	57.42
3	1.98	20	13.20	37	24.42	54	35.64	71	46.86	88	58.08
4	2.64	21	13.86	38	25.08	55	36.30	72	47.52	89	58.74
5	3.30	22	14.52	39	25.74	56	36.96	73	48.18	90	59.40
6	3.96	23	15.18	40	26.40	57	37.62	74	48.84	91	60.06
7	4.62	24	15.84	41	27.06	58	38.28	75	49.50	92	60.72
8	5.28	25	16.50	42	27.72	59	38.94	76	50.16	93	61.38
9	5.94	26	17.16	43	28.38	60	39.60	77	50.82	94	62.04
10	6.60	27	17.82	44	29.04	61	40.26	78	51.48	95	62.70
11	7.26	28	18.48	45	29.70	62	40.92	79	52.14	96	63.36
12	7.92	29	19.14	46	30.36	63	41.58	80	52.80	97	64.02
13	8.58	30	19.80	47	31.02	64	42.24	81	53.46	98	64.68
14	9.24	31	20.46	48	31.68	65	42.90	82	54.12	99	65.34
15	9.90	32	21.12	49	32.34	66	43.56	83	54.78	100	66.00
16	10.56	33	21.78	50	33.00	67	44.22	84	55.44	101	66.66
17	11.22	34	22.44	51	33.66	68	44.88	85	56.10	102	67.32

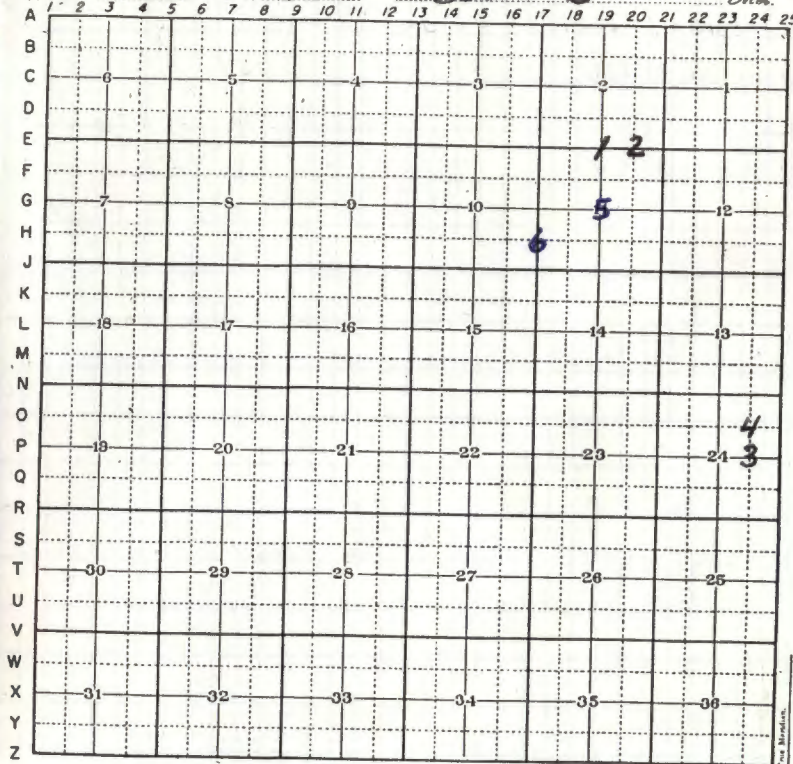
USFS, CASS COUNTY, MN

CORNER SEARCH, EVALUATION, MONUMENTING
and
BOUNDARY MARKING

From _____ To _____

Region _____ Forest CHIPPEWA

T. 144 N. R. 30 W. BOOK #3



SCALE - One inch = 1 mile.

①

QUARTER CORNER BET. SEC'S. 2+11

NOTES OF GLO RESURVEY 1930

PROPORTIONATE DISTANCE

SET 1" X 3/4" IRON POST WITH BRASS CAP MKD.

FD. IRON + CAP - IN PLACE 9/30/88 CK+LS

IN GOOD CONDITION - 6" ABOVE

GROUND - IN LOWLAND CEDAR

 $\frac{1}{4} \frac{S2}{S11}$

AND ASH SWAMP

1930

FROM WHICH

W. PINE 17 N32³/₄E 76 LKS. = 50.16'

NOW PINE STUB 48" HIGH N33E SO. 2' SCRIBE VISABLE

CEDAR 10 S10¹/₂E 52 LKS. = 34.32'

NOW CEDAR SNAG 12" S10E 34.3' SCRIBE VISABLE

3-14-94 RM+CK

FD. IRON + CAP - IN PLACE - IN ASH + CEDAR SWAMP

4" ABOVE SWAMP (NOW) WAS FOUND TODAY 24" HIGH

SHOULD HAVE 6' SIGN POST ALONGSIDE + WIRE TOGETHER

MAKD NEW BT'S.

CEDAR 18 S87E 48.95' MKD 1/4 S11 BT

CEDAR 10 N72W 49.02' MKD 1/4 S2 BT

W. PINE 20 N10E 42.68' MKD 1/4 S2 BT

CC DONE

①

OLD BLAZED LINES RUN E+W OF CORNER

2 LIVE W. PINE TO ^{NORTH} ~~WEST~~ OF CORNER - ON SLIGHT RIDGE

FD. OLD FSLP ON CEDAR BT 12" X 25' HIGH STUB

NEED TO FIX UP SOON - AS TIMBER SALE IS AROUND COR.

A FEW 18" TO 22" ASPEN 50' SW OF CORNER

(2)

EAST 1/16 CORNER BET. SEC'S. 2+11

NOTES OF GLO RESURVEY 1930

PROPORTIONATE DISTANCE

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

3-10-94 RM HCK

FL. IRON & CAP - IN PLACE E 1/16 $\frac{S2}{S11}$

RENT OVER - ON ISLAND

200' E OF TAM. SWAMP 1930

IN ASPEN-BALSAM & BRUSH WITH SCATTERED PINE & SPRUCE

FROM WHICH

N. PINE 10 S70W 11 LKS. = 7.26'

NOW 24" N. PINE S70W 7.3' SCAR OPEN WITH SCRIBE

W. PINE 10 N2'4W 98 LKS. = 64.68'

NOW 17" W. PINE STUMP NZW 64.7'

MKD NEW BT'S

N. PINE 28" NTIE 21.57' MKD E 1/16 S2 BT

GLO N. PINE 24" S70W 7.50' ^{NEW SPK} RESCRIBED BT

N. PINE 25.5" NSW 90.92' MKD E 1/16 S2 BT

8' STEEL SIGN POSTS NORTH 4.65' & SOUTH 3.90'

3-14-94 STRAIGHTEN MONUMENT IN PLACE

CAP NOW IS 8" ABOVE GROUND - NEAR

SW CORNER OF ISLAND IN SWAMP

THE 3 PINE BT'S, ARE THE LAST PINE AT SW

PART OF ISLAND - SHOULD BE EASY TO FIND

ON PHOTO - OR SEE FROM SWAMP

(2)

A SWAMP ROAD RUNS N+S ON WEST SIDE
OF ISLAND - CORNER IS APPROX. 180' E OF
EDGE OF SWAMP

3 P-24

CENTER EAST $\frac{1}{16}$ SECTION 24

NOTES OF GLO RESURVEY 1930.

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

6/4/91 KRAUSE & BRAMA

Fd. GLO iron with brass cap $C \frac{E \frac{1}{16}}{S24} C$
set in place. Brass cap set
12" above ground. 1930

FROM WHICH

CEDAR 12 S81 $\frac{1}{4}$ W 46 LKS. 30.4'

Fd. well rotted stp & log at bringg & distance.

CEDAR 8 N31 $\frac{1}{4}$ W 34 LKS. 22.4'

Fd. no evidence.

MKD. NEW BT'S:

Y. Birch 13" N48W 57.1 CE $\frac{1}{16}$ S24 BT

MAPLE 12" N51 E 42.6 CE $\frac{1}{16}$ S24 BT

CEDAR 17" S25E 18.95 CE $\frac{1}{16}$ S24 BT

Placed a 8' steel sign post north 3' from corner
with sign attached. C.C. Done 1991

3

S 88° 39' W - 18.95 CHS. OR 1250.7' FROM E $\frac{1}{4}$
CORNER SECTION 24

Measured from this corner to E $\frac{1}{4}$ of SEC. 24 1251.6'
N88E. Distance checked good.

4 0-24

NORTHEAST 1/16 CORNER SECTION 24

NOTES OF GLO RESURVEY 1930

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

6/3/91 KRAUSE & DRAMA

Fd. GLO iron pipe with NE 1/16 S24

brass cap set in place.

Brass cap set 8" above ground. 1930

FROM WHICH

CEDAR 10 S 1 1/2 W 58 LKS. 38.3'

Fd. well rotted cedar stp. at bringg & dist.

CEDAR 7 N 1 1/2 W 47 LKS. 31.0'

Fd. well rotted windfall at bringg & dist.

Mkd. New BTS:

CEDAR 16" S 83 W 38.65 MKD. NE 1/16 S24 BT

CEDAR 20" S 78 E 75.70' NE 1/16 S24 BT

W. OAK 17" N 6 E 42.17' NE 1/16 S24 BT

4

NO 25'E - 19.95 CHS. OR 1316.7' - FROM CE 1/16

SECTION 24

8/3/91 - Measured north 1317' from CE 1/16 line

Line & distance checked good, cc. Done ¹⁹⁹¹

5

CENTER QUARTER 11

M30

BIRCH 7" S57°E 187 LKS

R PINE 12" N89°W 206 LKS

7-18-80 CKRAUSE R MAIN

Fd IN PLACE. PUT FSLP ON 10°W Spruce
N48°W 8 FT FROM CORNER.

BIRCH 11" S56E 123.4 FT SCRIBE CLOSED

R PINE WINDFALL N89W 136.0 FT

3-5-81 BARRA GEARKE SHACKIE

Fd I.P. up 5" MARK NEW BTS

SPRUCE 9" N49°E 34.0 FT MKD: CA S11 BT
STANDING DEAD 12-19-02J PINE 10" S82°W 14.24 FT MKD: CA S11 BT
NOW A TALL SNAG 12-19-02J PINE 10" N47°W 93.88 FT MKD: CA S11 BT
NOW 13"
SIGNPOSTS EAST 3.0 WEST 2.95DIFF CORRECTED LAT = 47°18'09.70304 N
GPS LONG = 94°26'18.86402 W

9-11-82 GARY STEVENSEN

CORNER CERT MADE UNDER F.S. CONTRACT

12-19-02 R MAIN

Fd ICON IN PLACE AND GPS. BLOWDOWN AROUND
CORNER.

SOUTH ONE SIXTEENTH SECTION 10-11

3-24-81 U.S. FOREST SERVICE

SET 2" X 30" ALUMINUM PIPE WITH CAP SET
6" ABOVE GROUND. CORNER IN ALDER ASH
SWAMP \pm 40 FT NORTH OF FOREST ROAD.

LINE TO STANDARD NORTH OF CORNER. 8 FT
STEEL SIGN POSTS WEST 30 FT NORTH 2.9 FT.
MONUMENT STAMPED \circ T144N R30W

5/6 S10/S11

1981

RLS NO.

CEDAR 8" N76°E 79.93 MKD: 5/6 S11 BT

ASH 5" S56°W 40.13 MKD: 5/6 S10 BT

ASH 9" N72°W 25.08 MKD: 5/6 S10 BT

12-19-02 R. MAJIN

FD CORNER IN GOOD CONDITION AND GPS

DIFF CORRECTED LAT=47°17'55.30829 N
GPS LONG=94°26'56.57706 W 6

END OF BOOK