



Office of the County Recorder
St. Louis County, Minnesota
Recorded on 01/29/2018
at 4 02 PM

Document No. 01326799

Mark A. Monacelli
County Recorder

By B Goodreau Deputy
AFR 379426

Document: CERT LOCATION/GOVT CORNERS
Grantor: CERTIFICATE OF
Grantee: GOVT CORNER POST

Recording Fee: \$0.00
Well Certificate Fee: \$0.00

This page has been added by the St. Louis County Recorder/Registrar of Titles to add the recording information to the attached document

**CERTIFICATE OF LOCATION OF
GOVERNMENT CORNER**

**Meander Corner #39, between Sections 20 & 29,
Township 64 North, Range 18 West, 4th P.M.
STATE OF MINNESOTA, COUNTY OF ST. LOUIS.**

☐ On _____, found a(n): _____

- ☐ left monument as found ☐ lowered monument
☐ removed monument (explain) ☐ raised monument

■ On 2/3/2017, set a(n): 5/8" Rebar with a
DATE
blue plastic cap marked PLS 46557 ±5'
west of the shoreline of Elbow Lake

See "Statement of Evidence" for further details (on back)

Office of the County Recorder
St. Louis County, MINNESOTA

Recorded on: JAN 29 2018
at 04 02 P m

Document No 1326799

Mark A Monacelli
County Recorder

I hereby certify that the within instrument
was filed in this office for record

by [Signature] Deputy

(reserved for recording data)

NLSC. Proj. No.: V2015-090

T64N R18W

Coordinates derived by RTK GPS (survey grade)

WCMC Position

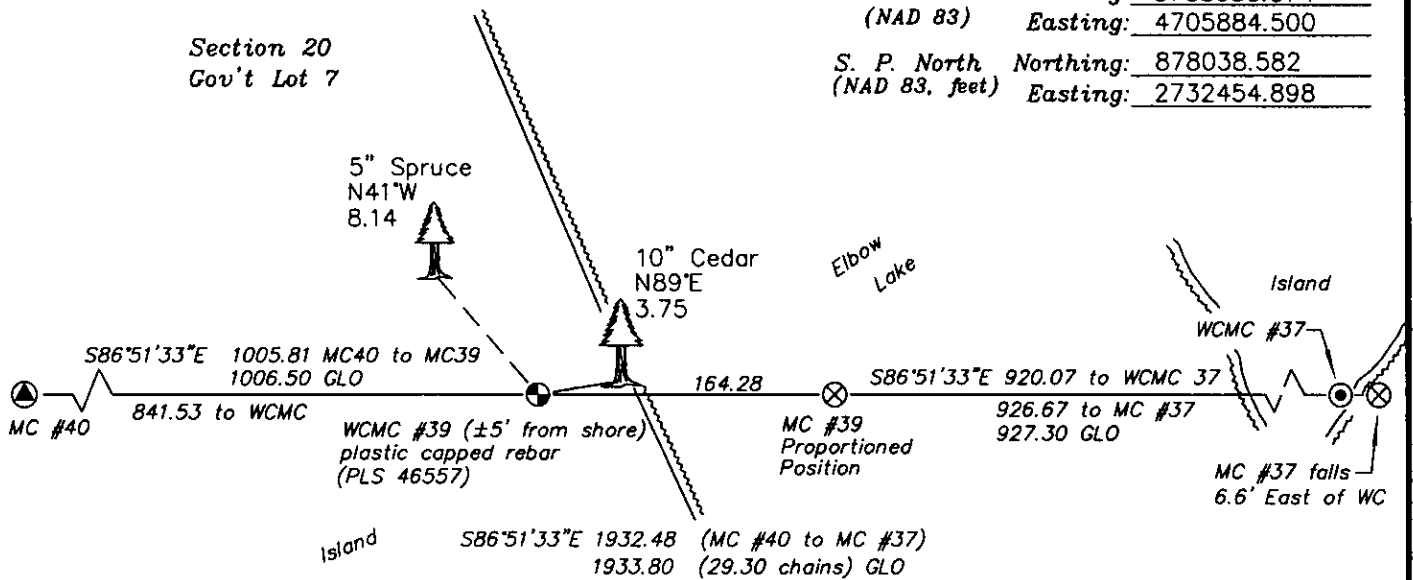
(NAD 83) Latitude (N): 48°00'25.01067"
Longitude (W): 92°39'34.72647"

SLCTM 96 Northing: 3788035.374

(NAD 83) Easting: 4705884.500

S. P. North Northing: 878038.582

(NAD 83, feet) Easting: 2732454.898



Measured Bearings & Distances
are based on SPCS NAD83,
Minnesota North Zone.



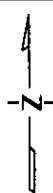
Plastic Capped Rebar

Any new bearing trees established
have a "BT" tag facing the corner.
A nail was placed in the base of the
tree and the distance was measured
horizontally from the monument to the
nail. No blazing or scribing was done.

Meander Corner Position

Coordinates derived by RTK GPS (survey grade)

"SKETCH OF REFERENCE TIES"
(not to scale - bearings are magnetic)



Ties are measured to center of monument
unless otherwise noted.

UNITS = ☐ Metric ☒ English

(NAD 83) Latitude (N): 48°00'24.91261"
Longitude (W): 92°39'32.31475"

SLCTM 96 Northing: 3788024.991

(NAD 83) Easting: 4706048.478

S. P. North Northing: 878029.581

(NAD 83, feet) Easting: 2732618.934

I hereby certify that this document and the data contained herein was prepared by me or under my direct supervision and that I am a Licensed Land Surveyor under the laws of the State of Minnesota. I further certify that this Certificate of Location of Government Corner is correct and complete to the best of my knowledge

[Signature]
Mike Smith

12/28/17
date

License No. 46557

Northern Lights Surveying Co.

Statement of Evidence for the Meander Corner (#39) common to Sections 20 & 29, T64N, R18W, of the Fourth Principal Meridian.

December 28, 1892: Guy A. Eaton, US Deputy Surveyor, ran N87°25'W along the line common to sections 20 & 29, (starting at a point for the section corner established on the ice). At 3.50 chains he hit the easterly shore of an island and set a post as a meander corner. Continuing westerly at 12.60 chains he left the island and set another post as a meander corner. At 17.55 chains he hit the easterly shore of an island and set a wood post for the meander corner from which:

7" Spruce	6" Spruce	
N64°E	S54°E	
12 links	22 links	*Shown as Meander Corner #39 on the GLO plat*
(7.92 feet)	(14.52 feet)	

Continuing westerly along the section line he hit the westerly shore of the island at 32.80 chains where he marked a 7" cedar tree as a meander corner.

June 20, 1963: Eric Wahlber, St. Louis County Land Dept, was in the area searching & maintaining corners. His notes do not state whether or not he was at this corner, however, judging by the proximity of the other corners he visited, it seems likely that he would have also searched this one.

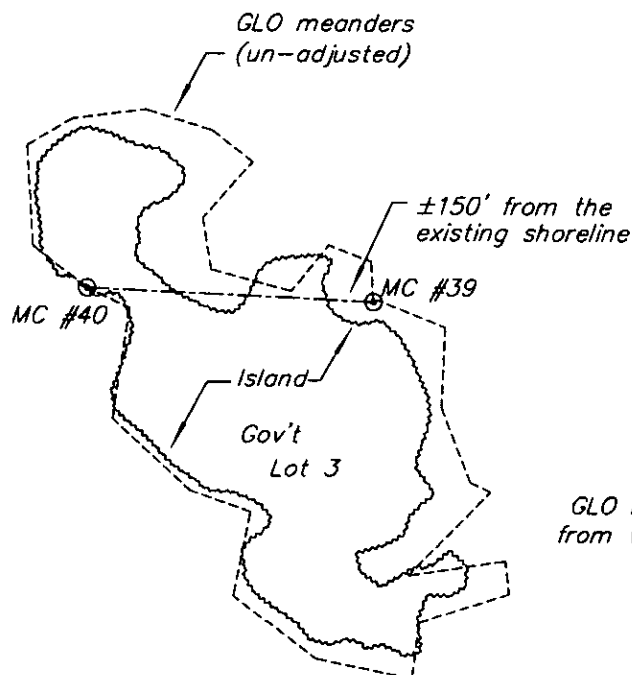
October 16, 1967: Al Bakk, St. Louis County Land Dept., was in the area searching & maintaining corners. His notes do not mention this specific corner, however, they do state: "...then found quite a few other M.C. Cor. on the way to MC bet. 20/29", indicating he likely may have visited this one.

2015-2016: Northern Lights Surveying Co. worked on a survey project in Gov't Lot 3, Section 29. A diligent search was made for evidence of the meander corner. Nothing was recovered. A search was also made at the meander corner across the lake along the section line 4.95 chains easterly of this corner. Again no evidence was recovered. The measured distance between the nearest two existing MC's, (MC 40 & MC 37, both GLO perpetuations), fit extremely well with the record; 1932.48 measured vs. 1933.80 record. However, the distance across the water from the computed search positions for the two missing MC's 38 & 39 was considerably longer than record. Although a single proportioned position for the easterly of the two missing MC's (MC #38) fit the existing shoreline quite well, the proportioned position for the missing westerly MC (MC #39) fell roughly 160 feet into the water east of the island's shoreline. Based on the shape of the island a second search position was considered to the south and east. No evidence was recovered there. A further analysis of the record GLO meanders indicated an error was made at somepoint either in the measuring of the section line or in the meandering of the shoreline. The two sketches shown below show the differences in the original meander when held from the found west MC vs. the approximate position of the east MC. Since the shoreline along the east side closely matches the shape determined from the record meanders we felt pulling the section line south in an attempt to match the record distances along the section line was not the better solution. The final position was computed by single proportion between the existing MC #40 and the position for MC #37 determined from the 1929 Witness Corner.

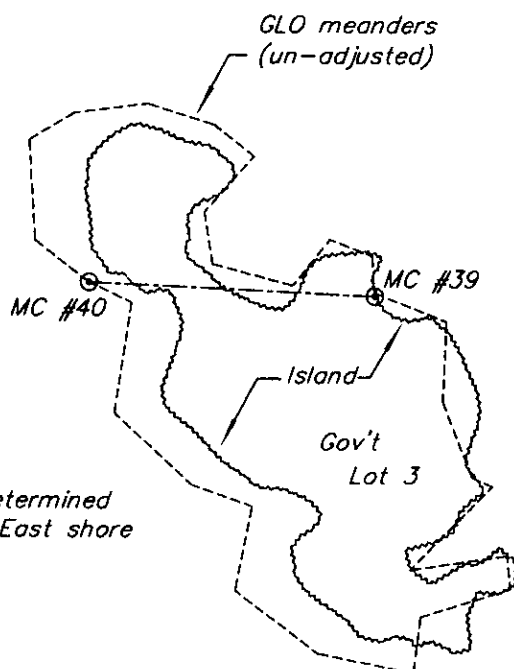
On February 3, 2017, Brunner & Mariucci of NLSC returned and set a 5/8" plastic capped rebar marked PLS 46557 as a witness to the Meander Corner and established the following references:

5" Spruce	10" Cedar
N41°W	N89°E
8.14 feet	3.75 feet

The rebar is ± 5 feet from the shoreline.



GLO MC positions determined from West shore vs. East shore



ST. LOUIS COUNTY RECORDER

MARK A. MONACELLI, COUNTY RECORDER

P.O. BOX 157 • Duluth, MN 55801-0157

Telephone 218-726-2677

ABSTRACT FILING REQUEST

AFR# 379426

Date this form was completed _____ Client File _____

Name SLC Public Works

Address Attn: Matt Divens

Pike Lake Office

Phone (____) _____

Amount enclosed NK Check _____ Cash _____ Deposit Acct. # _____

Return: Mail Inter office Pick-Up _____ Signature _____

Other: mail - DO not bend

JAN 20 2018

JAN 20 2018

ORDER OF PRIORITY	DOCUMENTS - PRIORITIZE	OTHER SERVICES FOR THIS DOCUMENT	FILE IN TORRENS Y/N	SPACE BELOW FOR RECORDER'S USE ONLY				
				CW	CC	WC	DT & MT	RECORDING FEE
44	1	Certificate of govt corner test	CG				DT	NK
45	2						MT	
46	3						DT	
47	4						MT	
48	5						DT	
49	6						MT	
50	7						DT	
51	8						MT	
52	9						DT	
53	10						MT	
54	11						DT	
55	12						MT	
56	13						DT	
							MT	

For recording fees make check payable to: **St. Louis County Recorder**

For deed, mortgage or real estate taxes make check payable to: **St. Louis County Auditor**

Altered checks are not accepted.

Check void 90 days after the date of issue UNLESS the check specifically states it has a larger void window.

Note: Documents presented with this request are not filed until they are fully processed in the office of the COUNTY RECORDER.

FOR RECORDER'S USE ONLY. DO NOT WRITE IN THIS BOX.

Status H Return 5.14 Deposit Acct. # _____ Coded 1k Logged 1k

R.E. on _____; \$ _____

DOCUMENT# From 1326787 To 1326799