

**CERTIFICATE OF LOCATION OF GOVERNMENT CORNER**

Witness Corner to Meander Corner #13 on the west bank of the Boy River, common to Section 5, Township 142 North, Range 27 West, and Section 32, Township 143 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

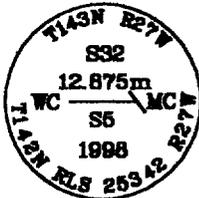
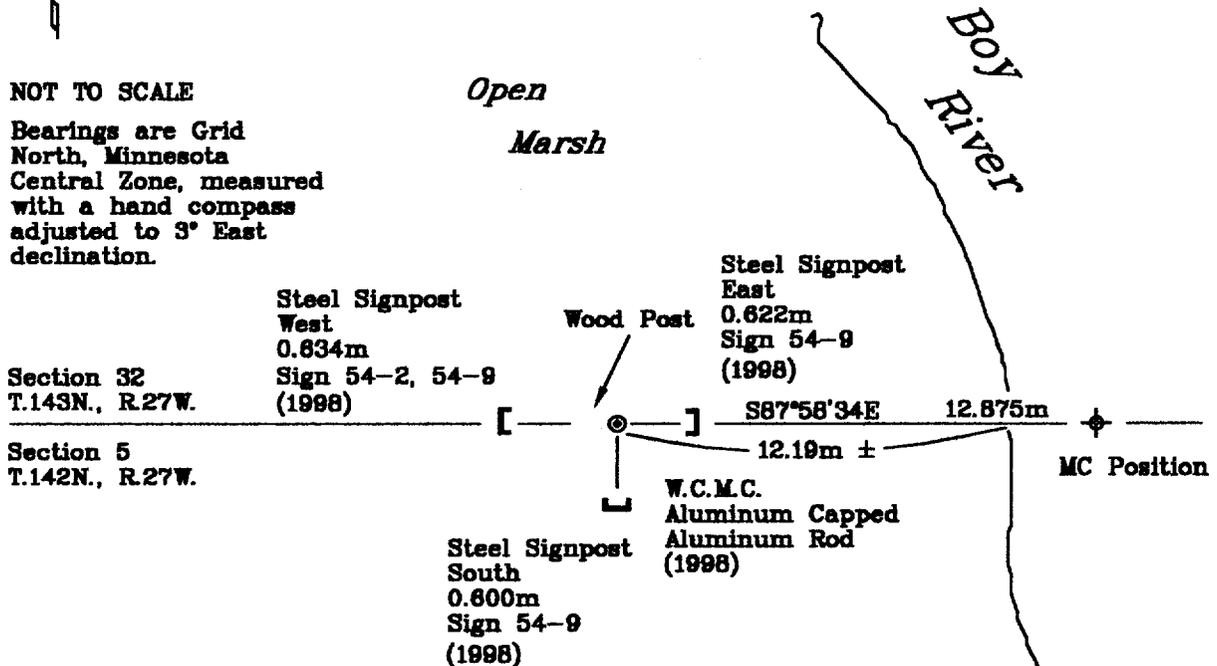
August 10, 1998, Northern Lights Surveying and Mapping, Inc. found the 1920 General Land Office (G.L.O.) iron post badly rusted below the surface of a swamp. They replaced the damaged monument with an aluminum capped aluminum rod and accepted the position as a perpetuation of the 1920 G.L.O. witness to the original G.L.O. meander corner.

**SKETCH OF REFERENCE TIES & EVIDENCE**



NOT TO SCALE

Bearings are Grid North, Minnesota Central Zone, measured with a hand compass adjusted to 3° East declination.



Statement of evidence relative to this corner location is on the back of this page

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota.

Joseph Foster 6-2-99  
Joseph Foster Date

Licensed Land Surveyor No. 25342  
NORTHERN LIGHTS SURVEYING & MAPPING

OFFICE OF THE COUNTY RECORDER 413584  
County of Cass

I hereby certify that this document was filed in the Recorder's office.

Time: 10:00 A.M. Date: 6-8-99

Recorder Claudine Kaylor

By K.J., Deputy

DOCUMENT NO. 413584

**Statement of Evidence**

Witness Corner to Meander Corner #13 on the west bank of the Boy River, common to Section 5, Township 142 North, Range 27 West, and Section 32, Township 143 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

1873; General Land Office (G.L.O.) survey notes; Deputy Surveyor P.H. Conger set a wooden post for the meander corner and referenced it with the following:

7" (0.178m) Cedar	10" (0.254m) Cedar
N84°W	S88°W
197 Links (39.630m)	207 Links (41.642m)

Said records are on file with the Secretary of State, St. Paul, Minnesota; copies of these records are on file with the Cass County Surveyor's Office, Walker, Minnesota.

1903-1904; United States Army Corps of Engineers survey drawing of the Leech Lake Reservoir, including Section 32, T143N, R27W, labels the corner as a "known Section corner". No reference is made to the corner in field notes of record.

Said records are on file with the National Archives Regional Office, Chicago, Illinois.

1920; G.L.O. resurvey notes; U.S. Cadastral Engineer Earl Harrington found the original 10" (0.254m) Cedar bearing tree showing scribe marks. The original point for the meander corner fell in the Boy River. Harrington set a witness corner to the meander corner (W.C.M.C.) N88°21'W from the meander corner 0.84 chains (12.875m) distant. The monument set was a 1" (0.025m) diameter, 3 foot (0.076m) long iron post with a 2.5" (0.084m) diameter stamped brass cap, from which the following references were established:

8" (0.203m) Dead Cedar	8" Dead Cedar
S75 1/2°W	N88 1/4°W
180 Links (36.210m)	235 Links (47.275m)
Scribed WC T142N	Scribed WC T143N
R27W S5 MC BT	R27W S32 MC BT

Said records are on file with the Secretary of State, St. Paul, Minnesota; copies of these records are on file with the Cass County Surveyor's Office, Walker, Minnesota.

March, 1993; United States Department of Agriculture - Forest Service (U.S.D.A.-F.S.) T.143N., R.27W. Restoration Book #2, p. 25; R. Main chained with a string box from AP#1 of Section 5, at G.L.O. distance and found the 1920 G.L.O. monument flush with a floating bog. He also found a 3" x 3" (0.076m x 0.076m) squared wood post next to the monument, up approximately 12" (0.305m).

August 18, 1998; Joe Foster of Northern Lights Surveying and Mapping, Inc. cruised from the AP #1 of Section 5 to the west bank of the Boy River. No evidence of the 1920 G.L.O. monument was found at this time.

September 10, 1998; Northern Lights Surveying and Mapping, Inc. crew of Foster and Gerving returned to the 1920 G.L.O. monument position and found the monument 0.152m below a swamp surface. The monument was found level with the surface but was badly rusted below the brass cap collar. At this position the crew remonumented the W.C.M.C. with a 4.572m long, 0.019m diameter aluminum rod with a 0.083m diameter aluminum stamped cap, and established the following references:

Steel Signpost	Steel Signpost	Steel Signpost
East	South	West 0.634m
0.622m	0.600m	Sign 54-2, 54-9
Sign 54-9	Sign 54-9	

Distances were measured from the center of the signpost. No evidence of the original G.L.O. or 1920 G.L.O. bearing trees were found. The found 0.076m x 0.076m wood post recovered by R. Main adjacent to the found G.L.O. monument was placed along the west side of the 1998 aluminum rod.

The west shore of the Boy River lies easterly ±12.190m.

Northern Lights Surveying and Mapping, Inc. Boy River Township Field Book #4, pp. 57-59.

**Coordinates:**

Cass County North

Northing = 89307.184 meters  
Easting = 159239.129 meters

State Plane Coordinate System  
Minnesota Central Zone  
NAD 83

Northing = 339295.944 meters  
Easting = 809366.589 meters

Latitude = 47°09'10.11720" North  
Longitude = 94°07'35.38741" West