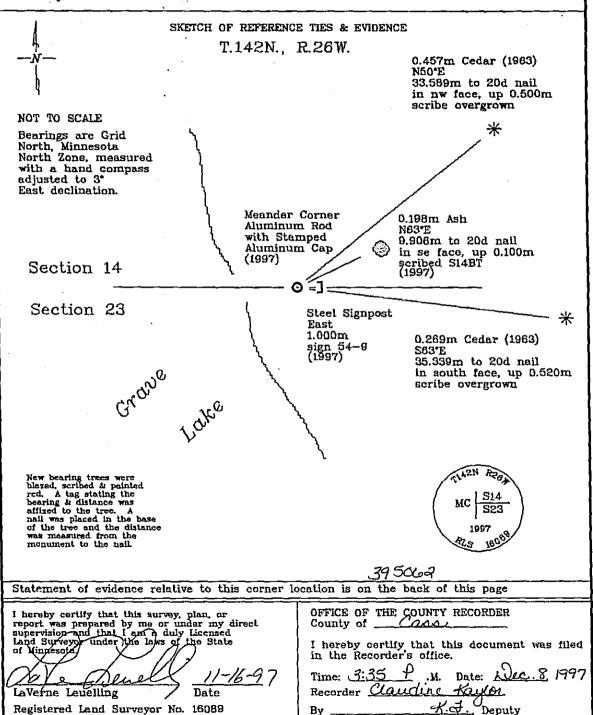
CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

Meander Corner on the east shore of Grave Lake, common to Sections 14 and 23, Township 142 North, Range 26 West, of the Fifth Principal Meridian, Cass County, Minnesota. In June, 1997, Northern Lights Surveying and Mapping, Inc. placed an aluminum rod at the position of the United States Department of Agriculture-Forest Service (U.S.D.A.-F.S.) concrete monument, which perpetuates the original General Land Office (G.L.O.) corner position.



DOCUMENT NO. 395000

NORTHERN LIGHTS SURVEYING & MAPPING

Statement of Evidence

Meander Corner on the east shore of Graves Lake, common to Sections 14 and 23, Township 142 North, Range 26 West, of the Fifth Principal Meridian, Cass County, Minnesota.

November, 1872; General Land Office (G.L.O.) survey notes; Deputy Surveyor E.W. Griffin set a wooden post for the meander corner and referenced it with the following:

4" Spruce (0.102m) N25°Ē

8" Spruce (0.152m)

S69°É

4 Links (1.811m)

5 Links (1.006m)

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.

December, 1939; United States Department of Agriculture-Forest Service (U.S.D.A.-F.S.) Form 874-9, on file with the U.S.D.A.-F.S., Supervisor's Office, Cass Lake, Minnesota; R.T. DeFant, Junior Civil Engineer with the Civilian Conservation Corps (C.C.C.), found a wood stake in fair condition 0.508m above ground. The form shows G.L.O. references at record bearing and distance, but does not state whether they were actually found in the field. A metal location poster was on a 0.254m Aspen, on the north side of the line. The corner bears N8°E, .49 chains (9.857m); it appeared that the corner should bear S8°W.

October, 1963; U.S.D.A.-F.S. Field Book #3, p.2; U.S.D.A.-F.S. survey crew of W. Okermen and J. Ekstrom found the location poster on 0.254m Aspen, S8°W and 9.857m from the corner. They found the original scribed post as identified from miscellaneous township notes on file in the Remer Ranger Office. The crew set a 0.152m diameter, 1.524m long cylindrical concrete monument capped with a 0.076m diameter bronze tablet for the meander corner and referenced it with the following:

11" Cedar (0.279m) N48°E

6" Cedar (0.152m)

363°E

110 feet (33.528m) Scribed MCS14BT

115.8 feet (35.296m)

Scribed MCS23BT

Sign 54-4

October, 1964; Certificate as to Location of Government Corner #301 was filed with the Cass County Recorder's Office, Walker, Minnesota, by William Okerman, R.L.S. #6807. for the above 1963 work.

October, 1996; Mike Smith of Northern Lights Surveying and Mapping, Inc. found the concrete monument in fair condition. He noted that the ground was quite wet and that a swamp monument should replace concrete cylinder. The corner was used as a Global Positioning System (G.P.S.) session point. He also noted that the 1963 cedar witnesses were alive, in good condition, with the blazes healed over.

June, 1997; Northern Lights Surveying and Mapping, Inc. crew of Foster, Berg, and Gerving returned to the meander corner position and replaced it with a 3.656m long, 0.019m diameter aluminum rod with a 0.083m diameter aluminum cap, up 0.250m, and established the following references:

0.457m Cedar (1963) N50°E

0.269m Cedar (1963) S63°E

0.198m Ash N63°E

Steel Signpost

33.589m to 20d nail

scribe overgrown

35,339m to 20d nail in nw face, up 0.500m in south face, up 0.520m in se face, up 0.100m sign 54-9

East 9.906m to 20d nail 1.000m

scribed S14BT scribe overgrown

The cap was removed from the old monument and its remains were placed adjacent to the set aluminum rod.

Northern Lights Surveying and Mapping, Inc. Slater Township Field Book #1, p.25. Coordinates:

Cass County North

Northing = 64,177.460 meters

Easting = 179,521.210 meters

State Plane Coordinate System Minnesota Central Zone

NAD B3

Northing = 334172.02 meters Easting = 823650.06 meters

Latitude = 47'06'22.92838" North Longitude = 93°56'18.34230" West