



A000698843

OFFICE OF THE COUNTY RECORDER
CASS COUNTY, MINNESOTA
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KATHRYN M. NORBY
CASS COUNTY RECORDER

BY SF Dep TX#: 193296

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CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

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


Corey J. Hendershott

Date: 11/10/2023 License No: 45353

Northeast Corner of Section 19, Township 142 North, Range 26 West of the 5th Principal Meridian. County of Cass, STATE OF MINNESOTA.

On September 21, 2023 I searched for Gov't evidence, using record stationing, record angle and distance from Railroad Survey, but found no evidence.

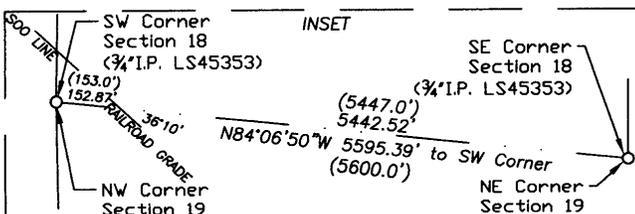
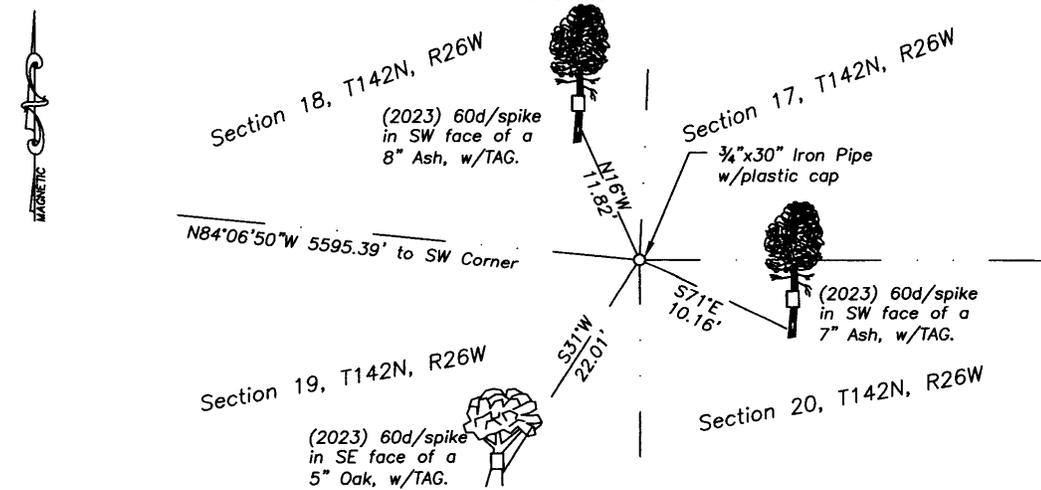
left monument as found; lowered monument; removed monuments (explain)

On September 21, 2023, I set a 3/4"x30" Iron Pipe, with plastic cap at calculated position based upon 1916 Railroad survey information, record angle and applying a linear scale factor on record distance, based upon located concrete culverts at record railroad stationing.

decl: 1° EAST

SKETCH OF REFERENCE TIES

not to scale



Statement of evidence for this corner position is on the back of this page



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Statement of Evidence

Northeast corner of Section 19, Township 142 North, Range 26 West, 5th Principal Meridian.

July 1872 Hayward & Griffin, General Land Office (GLO) Deputy Surveyor, in the notes of the subdivision of Township 142 North, Range 27 West, set a post for the original corner and referenced it as follows:

8" Birch	S 12° E	19 links (12.54 feet)
6" Fir	N 81° W	22 links (14.52 feet)
5" Fir	S 18° W	23 links (15.18 feet)
6" Birch	N 75° W	15 links (9.90 feet)

The above records are on file with the Minnesota Historical Society in St. Paul, Minnesota, copies are filed with the Cass County Highway Department, Surveyor's Office (CCHD/SO).

June 1916, Historical Soo Line Railroad record "Railroad_sooline_eastcountylines_westcountylines" jpg image, which can be found on the Cass County website. Also additionally on MN/Dot's Right of Way Mapping and Monitoring web site. Rail Road Valuation Map, "1140C", Map 10 of 12 sheet, of the "Minneapolis, St. Paul & Sault Ste. Marie Railway". This map shows a recovered position with stationing and angles from the railway to the Southwest Corner, Southeast Corner, and West Quarter of Section 18, T142N, R26W. For the Southeast Corner of Section 18, a.k.a. Northeast Corner of Section 19, T142N, R27W. At station 727+31, with angle of 36°10' from the southeast to East a distance of 5447.00 feet, from the centerline of the rails, and 5600.00 feet from Section corner to Section corner.

Nov. 1963 USFS Corner Books, 14226 Corner Book 1C, page 42. These notes by William Okerman states "Chained W. from corner of Sections 16-17-20-21 80.4 chains, 5306 feet. No apparent evidence remaining, searched 3 man hours. Also noted on same page that In 1977 Witthoef visited this corner position.

Sept. 2023 While performing a private survey within Section 18, Township 142 North, Range 26 West. I Corey Hendershott recreated the centerline stationing from the Railroad Survey information, located the concrete culverts between Stations 726+72 and 640+40 and a linear measurement scale factor was create based upon record distance and the actual distance between these culverts. A calculated position was created based upon the 1916 record railroad survey information as described above, with the linear error scale factor applied. The prorated distance from the Southwest Corner to the Southeast Corner now is calculated at 5595.39 feet instead of 5600.00 feet from the railroad survey, and at record angle from the railway of 36°10' from southeast to East.

I believe this is the best available method to re-establish this corner position.

County Coordinates (Cass County North)

Northing 210842.431

Easting 551912.630