

LAND CORNER RECORDATION CERTIFICATE

Authority: 1970 PA 74, MCL 54.205

Surveyor's Name: Stephan J. Szyszkoski

Field Survey Date: May 4, 2016

For corner(s) in: Houghton County

Original Public Land Survey Corner

Corner Code

S T 53N R 34W
S T R
S T R
S T R

C11 (GCDB 200200)

Property Corner

1/16 Corner Code

S T R
S T R
S T R
S T R

1	A	B	C	D	E	F	G	H	I	J	K	L	M	1
2		6		5		4		3		2		1		2
3														3
4		7		8		9		10		11		12		4
5														5
6		18		17		16		15		14		13		6
7														7
8		19		20		21		22		23		24		8
9														9
10		30		29		28		27		26		25		10
11														11
12		31		32		33		34		35		36		12
13														13
	A	B	C	D	E	F	G	H	I	J	K	L	M	

Part A. Corner History

Section corner common to Sec. 29-30-31-32. 1846 - Deputy S.W.Higgins established the corner and set post. Cedar 10" S20°W 40 links, Cedar 14" N10°E 38 links. Circa 1920 - Engineers Gibbs and/or Fesing note "no trace" of the original. Their field notes show clearly that they reestablished the position for the corner on a straight line between A11 and E11 and at a distance along that line proportionate to the original GLO record. No record of monument set or witnesses. They proceeded to subdivide Sec. 32 using this position. 1922 - P.A.Larsen, forester and surveyor, noted "no trace" of the original corner and reestablished the position by double proportionate measurement to the original record between Sections corners 1 mile N, S, E, and W. Set Cedar post and noted distance 5097' to C13 and 5278.07' "corrected" to A11 (He also notes distance as 5278.97' elsewhere in the field notes). Witnesses: "Elm 18 N35W about 45'; Elm 9 N70E about 52'; Santy River South about 9' and West 30'." Larsen subdivided Section 31 using his position. P.A.Larsen was aware of the previous work by Gibbs/Fesing and had transcribed a copy of Gibb's notes. Clearly, Larsen did not accept the method that Gibbs/Fesing employed for the reestablishment of this corner.

Part B: Surveyor's Report on Perpetuation, Restoration, Reestablishment, or Monumentation of Corner

The original post and accessories were not recovered. I found no evidence of the position of the original corner or any subsequent restoration on the ground. I reestablished the position for the corner according to the method employed by Larsen: double proportionate measurement to the original record between Section corners 5098.78' north (5097' Larsen, Gibbs/Fesing not measured); 5098.69' south (5097' Larsen, 5270.0' Gibbs/Fesing); 5288.20' west (5278.07' Larsen, 5284.1' Gibbs/Fesing); and 5279.24' east (5277.0' Gibbs/Fesing, Larsen not stated explicitly). I measure A11-E11 as 10561.82' vs. Larsen 10551.30' and Gibbs/Fesing 10560.9'. The Santy River is now about 140' north of the corner position, not 9' south as noted by Larsen in 1922, and it appears to have changed course by avulsive action, date not known.

Part C: Field Evidence of Perpetuation or Monumentation of Corner

(a.) Set 1"IDx28" I.pipe with 2" alum. MDNR cap.
Set measuring nail with MDNR tag in the side of:
12" Balsam N11°E 18.2' mrkd "S29 NBT"
16" Spruce N35°E 16.75' do
12" Cherry N72°E 20.4' do
10" Balsam N35°W 25.95' "S30 NBT"
Set sq'd cedar post adjacent.
E= 7873817.691 N= 242439.686



Bearings are magnetic. Coordinates are MCS83, NAD83(2011) Epoch 2010.00, in meters.
Coordinate Reference: NGS PID DL5986, E= 7882233.252 m. N= 259878.551 m.

Stephan J. Szyszkoski

06/29/2016

Professional Surveyor's License No.: 33986

page 1 of 1

Prepared By: S.J. Szyszkoski for the Michigan Dept. of Natural Resources, 427 N. US41 Baraga, MI 49908