

**SURVEY & REMONUMENTATION**

MAR 13 2000

STATE OF MICHIGAN  
EMMET COUNTY  
RECORDED

99 DEC 28 AM 9:37

**SECTION**

**LAND CORNER RECORDATION CERTIFICATE**  
Filing Requirement of Act 74, Mich. P.A. 1970

For corners in

EMMET (County) Located In: LITTLEFIELD TOWNSHIP Corner Code # G-5

1. Public Land Survey ECRP # 164 T 35N R 4W

2. Property Controlling in Section S T R

3. Miscellaneous Property in Sec. S T R

4. Lot No. , Recorded Plat

5. Private Claims

*Glenn A. Dyer*  
REGISTER OF DEEDS

UNDER A  
PAGE 331

**Register of Deeds Stamp & File Number**

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

I, Joseph B. O'Neill, in a field survey on December 8, 1999 do hereby certify that under requirements of P.A. 74, Michigan P.A. of 1970, the corner points mentioned in lines 1 and 2 above were in conformance with regulations and rules therefore as required in the current manual of survey instructions of the United States Department of the Interior, Bureau of Land Management or by a decree of a Court of Law and/or that the corner points mentioned in lines 3, 4 and 5 above were in conformance with the rules of the Michigan Board of Land Surveyors or by a Decree of a Court of Law; established, re-established, monumented, re-monumented, recovered, found as expressed below:

**NOTE: Not more than 4 corners, all in the same town and range, may be recorded on this certificate.**

A. Description of original monument and accessories and/or subsequent restoration:

- 1840 - set post
  - 1882 - referenced in Map of Village of Alanson, corner extremely difficult to retrace
  - 1883 - referenced in E.R. White's addition, corner vaguely retraceable
  - 1896 - reference in Heyden's survey notes, reset lost corner by double proportion measurements
  - 1897 - referenced in Keep's survey notes, finds 3 cedar posts (39.40 ch, 39.64 ch, 39.84 ch south of G4, "set by surveyor")
  - 1898 - Swift measures south and west of here, measurements indicate acceptance of Heyden's position
  - 1913 - S.G. Main plat of Evergreen Park, shows discrepancy, monuments indicate acceptance of Heyden's position
  - 1956 - finds 3" square cedar stake, sets t-iron, found to be 51' +/- west of Keep's position and 89' +/- east of Heyden's position
  - 1961 to present - The 1956 position used by several surveyors, some noting conflicts and discrepancies
- \* See attached chronology

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:

Found 1956 t-iron monument set by Schweigert. This pro-rated position not accepted due to several conflicting pieces of evidence. Set new corner 89' +/- westerly based on doubling over from the found 1/8 corner to the east. This position matches well with Heyden's distances to the north, east, and west, and matches well with Swift's distance to the west and south, and matches well with fence remains to the south. Swift's 1898 notes refer to crossing the railroad at 29 chains 7 feet east of the south 1/4 of section 9, which fall 10' +/- west of the staked corner. Retracement of 1913 plat of Evergreen Park harmonizes well with the easting of this position.

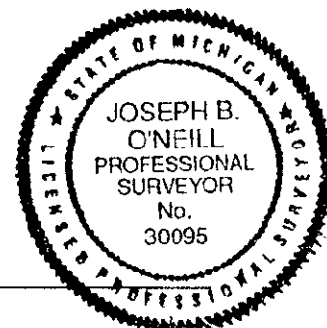
\* See attached report

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:

The 1956 found T-iron noted above was left in place, and 89' +/- westerly I set a 2" diameter, 30" long, PVC pipe with a base magnet and a standard brass Emmet County Survey Remonumentation Program Cap, with a 3' tall carsonite marker post next to the corner in a wetland wooded area. This position is accepted as a careful and faithful perpetuation of the position of the original corner.

- S 83°E 40.99' to tag 30095 S. face 10" maple
- S 46°W 21.49' to tag 30095 NW face 12" maple
- N 76°W 26.43' to tag 30095 N. face 14" birch
- N 20°E 71.30' to tag 30095 E. face 16" white pine

APPROVED LAND CORNER  
P.A. 345 OF 1990  
Emmet County  
*R.E. DeLue*  
ECRP REP.



Signed by Joseph B. O'Neill  
Surveyor's Michigan License No. 30095

Date December 8, 1999

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SECTION

LIBER A

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**EMMET COUNTY REMONUMENTATION PROGRAM  
Corner # 164 - Historical Chronology**

**Corner G-5, T35N R4W  
CORNER COMMON TO SECTIONS 9, 10, 15, & 16**

<u>Date</u>	<u>Surveyor</u>	<u>Found</u>	<u>Witnesses</u>
1840	Mullet	set post	A) S47W 25.08' 38 L 9" Fir B) N16E 6.60' 10 L 10" Cedar
1882	Hartzler	???	plat, Map of Village of Alanson, lack of dimensions makes retracement almost impossible
1883	Heyden	???	plat, E.R. White's Addition, does not refer directly to this corner
1896	Heyden	???	notes GLO corner not found, measures 4 directions from here, re-establishes corner by double proration type of retracement C) S81°W 22.44' ( 34 Links) 12" Cedar D) N16°W 64.24' ( 97 1/3 Links) 14" Tamarack
1897	Keep	3 cedar posts	finds 3 cedar posts (39.40 ch, 39.64 ch, 39.84 ch south of G4, "stake set by surveyor"), measures north and east from here, publicly disputes Heyden's 1896 corner, notes Heyden's corner is 1.69 chains south and 2.23 chains west of Keep's position
1898	Swift	???	measures south and west of here, measurements indicate acceptance of Heyden's position
1902	Bound Plat Book		shows discrepancy of 2 section lines
1913	Main	???	plat, Evergreen Park, shows discrepancy, monuments indicate acceptance of Heyden's position
1914	Auffance	???	plat, McKune's Addition, 1/8 line monumentation found indicates acceptance of Heyden's position
1956	Schweigert	3" cedar stake	resets corner with T-iron, found to be 51' +/- west of Keep's position and 89' +/- east of Heyden's position - does not fit any historical measurements 1) N34°E 38.60' 16" Spruce 2) S68°E 14.80' 7" Cedar
1971	Green	fd T-iron	1) N34°E 38.60' 16" Spruce 2) S68°E 14.80' 7" Cedar
1978	Ferguson	fd T-iron	Land Corner Record Liber 1 Page 291 3) S81°E 14.81' 8" Cedar 4) N70°E 11.40' 8" Birch 5) S75°W 27.62' 6" Birch 6) N67°W 18.51' 15" Maple
1979	Green	fd T-iron	1) N34°E 38.60' 16" Spruce 2) S68°E 14.80' 7" Cedar
1982	Green	fd T-iron	1) N34°E 38.60' 16" Spruce 2) S68°E 14.80' 7" Cedar
1987	Trowbridge	fd T-iron	2) S68°E 15.24' 8" Cedar 5) S85°W 27.70' 7" Birch 6) N53°W 18.67' 12" Maple
1989	Green	fd T-iron	4) N70°E 11.40' 8" Birch 7) East 15.41' 10" Cedar 8) S40°W 47.86' 8" Birch 5) S75°W 27.62' 6" Birch

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Located In: LITTLEFIELD TOWNSHIP Corner Code #

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1. Public Land Survey  
ECRP # 164

T 35N R 4W G-5



Register of Deeds Stamp & File Number

APPROVED LAND CORNER  
P.A. 345 OF 1990  
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**West Alanson Corner Remonumentation Project Report**

**Project Area:**

The project area was defined by the Emmet County Remonumentation Committee, and contains 2 disputed original government corners in Section 10 of Littlefield Township, being G4 (west ¼ of section 10) and G5 (southwest corner of section 10). The project also includes G3 (northwest corner of section 10), H5 (south ¼ of section 10) and I5 (southeast corner of section 10).

**Object of the Survey:**

To retrace and re-establish the position of the 1840 Government Land Office survey position of the mile and ½ mile posts listed above, integrating historical records with current measurements, computations, and site observations. This report focuses on corners G4 & G5.

**Historical Overview:**

1840 The section corners were set in 1840 by the Government Land Office surveyors as part of the United States original land patenting process. The government surveyors were paid by the mile, and the quality of their work varied depending on the area. In Emmet County, the work done in the southern part of the county appears to be better than the northern part, which may be partially due to the amount of swamps and lakes in the north which made the work more difficult. Immediately south of here at Pickerel Lake there were Government surveys found to be fraudulent, and were re-surveyed by the Federal Government in 1922.

When checking the call for the crossing of the Crooked River between G5 and H5, the distance given was in error to the extent that the number was either fabricated or mis-noted. The historical perspective of the 1840 surveys is important on this project as the direction and distances along the section lines vary substantially in many cases from what is measured today.

1882 The plats of *Map of the Village of Alanson* and *August Bonz's Addition to the Village of Alanson* were surveyed in 1882 by Hartzler, and were partially based on corner G4.

1883 The plat of E.R. White's Addition surveyed by Heyden, based on corner G4 and G5.

1896 Heyden, while performing extensive survey section work, determined that corner G5 was either lost or never set in 1840, and re-established the corner by a double proportion type of method from found corners ½ mile west, ½ mile north, 1 mile east, and a meander corner 1800 feet south. This position had the effect of moving the section line substantially west of where his 1883 plat indicated.

1897 Keep, while performing section retracement work in this area, publicly disagreed with Heyden's position for G5, choosing to use what appears to be the 1883 plat alignment, and mentions that he finds 3 cedar stakes in a row near corner G5. Keep notes Heyden's corner discrepancy, and sets a second corner ½ mile east (H5). Keep's call to the river fits well, and Heyden's and Keep's work harmonizes well with respect to their measurements assuming both used the same position for G4 and I5. I find no evidence of Keep's corners G5 or H5 on the ground, and note that Keep's position for G5 or H5 was not subsequently used or accepted.

1898 Swift, while performing section retracement work in this area, accepts Heyden's position for G5.

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UNIT A  
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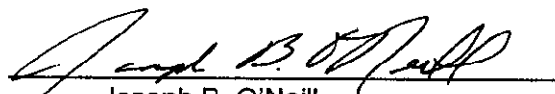
**West Alanson Corner Remonumentation Project Report (Cont'd)**

- 1902 Bound plat book of county shows discrepancy of the section line between G4 and G5, Heyden's and Keep's lines.
- 1905 Plat of *E.W. White's 3rd Addition* surveyed by S.G. Main, fits into the 1882 plat of *Map of the Village of Alanson*, Alignment fits Keep's section line, but may have been a pragmatic solution as this plat interjects into the 1882 plat.
- 1913 Plat of *Map of Evergreen Park* surveyed by S.G. Main shows discrepancy of the 2 section lines between G4 and G5, and ties to plat monumentation indicate acceptance of Heyden's line.
- 1914 Plat of *McKune's Addition to the Village of Alanson*, establishes 1/8 line which appears to fit Heyden's line.
- 1956 Schweigert performs a survey for Alanson Schools, sets a 3rd position for G5, and a 2nd position for G4. He bases G5 on a found cedar stake, and attempts to set G4 midway on a straight line to G3, but apparently has a taping error of 100 feet.
- 1961 Schweigert performs an Alanson survey, finds discrepancy with his 1956 position of G4, notes possible bearing tree alive nearby, but does not adjust or reset corner G4 or G5.
- 1965 - 1999 Several surveys by Green, Trowbridge, Swenor, and others which utilize the 1956 corners. Some note that there appears to be conflicts and question the position of G4 and G5.

Conclusions

G4 The position of G4 appears to be consistent from 1882 to 1914, and I have determined that this position (which currently was not monumented on the ground) is the best evidence of the 1840 corner. The 1956 position of this corner by Schweigert, in place today, has no historical merit based on my research. The re-establishment of this corner is based upon retracing the plats from the 1800's in conjunction with analyzing distances measured in the 1890's. The potential bearing tree was cut, but counting the rings indicates that the tree was 6" in diameter in 1840, vs. 11" as called for, and no evidence of scribing was found. The corner was set 60' +/- east of the 1956 position. See the accompanying drawing for further detail.

G5 The position of G5 was clearly in dispute in the late 1890's. However, based on subsequent pre-1956 surveys as well as the position of Banwell Road, Keep's position was never accepted and used. The 1956 position of this corner by Schweigert, in place today, has no historical merit based on my research. The re-establishment of this corner (Heyden's) is based upon retracing the plats from the 1800's in conjunction with analyzing distances measured in the 1890's. The corner was set 90' +/- west of the 1956 position. See the accompanying drawing for further detail.

  
Joseph B. O'Neill

December 8, 1999

Surveyor's Michigan License No. 30095

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