

SURVEY & REMONUMENTATION

MAY 31 2000

DEED LIBER 2564 PAGE 541 LAND CORNER RECORDATION CERTIFICATE

Filing Requirement of Act 74, Mich. P.A. 1970

SECTION

For corners in

Genesee (County)

Located in:

Corner Code #

1. Public Land Survey

T 7N R 5E

M-3

2. Property Controlling in Section

S T R

3. Miscellaneous Property in Sec.

S T R

4. Lot No. Recorded Plat

5. Private Claims

GENESEE COUNTY REGISTER OF DEEDS

FEB 1 10 16 AM '95

REGISTERED BY

RECORDED

5488

Register of Deeds Stamp & File Number

I, Jack N. Owens, Prof. Surveyor, in a field survey on DEC. 21, 1994 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:

- 1821, GLO - J. WAMPLER, DS; SET POST & 2 ACCESSORIES.
1919-1920, GCRC - BEECHER RD PLANS, RD #871&872; "CORNER STONE NOT FOUND" AND 1 NEW ACCESSORY; FND CLOS. COR A-3, T7N-R6E (LRG. STONE) TO N. IN LINE WITH FENCE TO N.
1934, GCRC - ELMS RD PLANS, RD #137; COR NOT SHOWN; RAN RD FROM M-5 N. TO A-4, THEN TO A-3 (T7N-R6E) AS SUVEY & CONSTRUCTION C/L.
1976, CERT. SURV. (L. 1950, P. 596), R. KELLER, PS20707; SHOWS COR. BUT NO MONUMENTATION OR ACCESSORIES, SHOWS MEASUREMENTS BETWEEN CORNERS M-5, M-4, M-3 & A-3 (T7N-R6E).
1985, CERT. SURV. (L. 2244, P. 970), LCRC (L. 2259, P. 147) & CERT. SURV. (L. 2271, P. 171), M.L. VANRAEMDONCK, PS24622; SET PK & WASHER & 4 NEW ACCESSORIES; USED M-5 TO M-4 DIST TO SET M-3 ON LINE M-4 TO A-3 (T7N-R6E).
1991, REI UNREC. SUR. P.N. BROWN, PS33132; SET PK/TAG 20709 & 1 ACCESSORY FROM 1985 AND 3 NEW ACCESSORIES; USED LINE M-2 TO A-3 (T7N-R6E) EXTENDED S'LY HOLDING M-5 TO M-4 DIST AS IN 1985 LCRC TO PUT ANGLE AT STND. COR M-3.

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

1994, FND PK/TAG 20709 AND 2 ACCESSORIES FROM 1985 (TOP CEN. HYD. TO SE @ 154.04' AND MON. BOX TO NORTH @ 372.95') AND 3 ACCESSORIES FROM 1991 (PK/TAG #11192 IN SW FACE P/POLE TO NW @ 72.73' AND "+" IN W. EDGE GATE VALVE MH RIM TO SE @ 47.09' AND PK/WASHER FOR COR. (1985) TO EAST @ 5.01').

SEE THE DISTANCE COMPARISON TABLE ON BACK OF SHEET. THEY & THE ANGLES ARE CLOSE TO NEARLY IDENTICAL FROM 1934 TO 1994. ALTHOUGH COR M-3 WASN'T RESTORED, COR A-3, FLINT TWP, WAS LONG-KNOWN (A STONE IN 1920 REPLACED BY SQ. ROD, COMMONLY USED BY THE GCRC) AS POINT ON TWP. LINE.

I CONCLUDE THE COR. POSITION DOESN'T SEEM TO HAVE CHANGED SINCE THE GLO SURVEY. THE FACT THAT 6 COR. HAD STONES RECOVERED IN 1919, 1920 & 1934 GCRC SURVEYS WITHIN 1 MILE INDICATES A LONG HISTORY OF CAREFUL PERPETUATION BY CO. SUR. & GCRC. GO. SUR. RECORDS, CIRCA 1860-1890'S, SHOW PATTERN OF STONES IN AREA. GCRC 1920 NOTES STATE COR. STONE NOT FND MEANING IT'S POSITION WAS KNOWN AT SOME PRIOR DATE & BECAME OBLITERATED. THE 1934 SURVEY SHOWS ONLY RECOVERED COR. WERE USED FOR CONSTRUCTION ALIGNMENT, MEANING COULDN'T BE USED TO RESTORE M-3 IN DIAGREEMENT WITH GLO RECORDS. I CONCLUDE COR. SHOULD BE RE-ESTABLISHED ON CURRENTLY A LONG-KNOWN LINE SO ANGLE POINT IS AT STND. COR M-3, NOT CLOS. COR A-3. GLO NOTES CLEAR THAT STND. COR. SET FIRST & CLOS. COR. INTERSECTED LINE, MAKING THE LATTER POL'S NOT ANGLE POINTS. CONSEQUENTLY 1991 SURVEY BY P.N. BROWN USED STND. COR. M-2 & CLOS. COR. A-3 & PROJECTD THAT LINE S. TO POSITION M-3 & I HELD POSITION. THIS RESTORED POSITION IS ONLY 0.55' W. OF ST. LINE M-5 TO M-1 WITH DEFL. ANGLE OF ONLY 0°06'E AT M-3 FOR MILE-LONG LINES & SUPPORTS POSITION IN ACCORD WITH GLO RECORD. IN COMPARISON 1/4 COR. M-4 & M-1 ARE 4.92' & 35.63' E. & A-3 IS 4.56' E. OF ST. LINE. TWP LINES HAD VARYING DEFLECTION ANGLES BUT DEFLECT BACK TOWARD MEAN COURSE ALONG LINE. THIS IS SEEN HERE & LARGE DISTANCE E. OF ST. LINE FOR COR M-2 RESULTS IN LARGE DEFLECTIONS SEEN AT M-3 & M-2. I ACCEPT THE RE-ESTABLISHED POSITION OF THE PK/TAG 20709 AS A CAREFUL & FAITHFUL RE-ESTABLISHMENT OF THE POSITION OF THE ORIGINAL CORNER. [SEE BACK FOR FURTHER CONCLUSIONS AND MEASUREMENT TABLE].

RATIFIED BY GEN. CO. PEER GROUP DEC. 7, 1994.

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

Accessories:

- S88E, 158.71' - TOP CEN HYD
N43W, 72.69' - FND PK/TAG #11192 SW FACE OF POWER POLE
S80E, 47.11' - SET CHISELED "+" IN W. EDGE GATE VALVE MH REM
EAST, 5.01' - FND PK/WASHER BY I.M.S. FOR 1985 LCRC COR. POSITION
NORTH, 373.21' - NW COR. SEC. 7 (A-3) T7N-R6E, 3/4" ROD IN MON. BOX
N30E, 61.31' - CENTER CB COVER
N45E, 41.84' - SET 1/2" REROD/CAP #20709 AT BACK OF CURB
S45W, 27.48' - SET 1/2" REROD/CAP #20709 IN W. EDGE OF GRAVEL SHOULDER

CUT HOLE IN PAVEMENT AND INSTALLED MON. BOX AND I SET THE STANDARD BERNTSEN MONUMENT SS-A-5-BR-30 (3 1/4" D. BRASS CAP STAMPED "GENESEE COUNTY REMONUMENTATION CORNER, M-3, 20709, 1994" WITH 30" X 2 3/8" O.D. STAINLESS STEEL TUBE)

Ratified by Peer Group in accordance with P.A. 345, 1990

Co. Rep.

Date

12-7-94 Date Dec 31, 1994

Signed by

Jack N. Owens

Surveyor's Michigan License No.

20707



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SURVEY &  
REMONUMENTATION

MAY 31 2000

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SECTION

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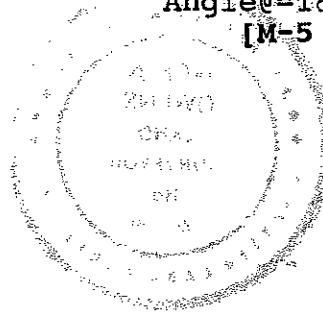
NOTE:

The 1985 location & the 1976 location which is very similar but not monumented were re-established using improper procedures & were not utilized in the course of this retracement survey. The 1985 location is noted as it appears to be a property controlling corner for some surveys.

The table of measurements show EDM and recored measurements from Cors. M-5 to M-3 to M-1 as follows:

MEASUREMENT COMPARISON TABLE

DATE SOURCE	COR.	W 1/2 MI. (ft./chs.)	COR.	E 1/2 MI. (ft./chs.)	COR.	TOTAL MI. (ft./chs.)
1822 GLO	M-5	(2640) 40.00	M-4	(2640) 40.00	M-3	(5280) 80.00
			M-4	(3008) 45.58	A-3	(5648) 85.58
1934 GCRC	M-5	2638.--	M-4		M-3	
		Angle @ = 180°02'	M-4	3009.25	A-3	5647.25
				[Angle @ = 179°52'W]		
1976 CPCo	M-5	2636.24	M-4	2641.75	M-3?	5277.99
				[Angle @ = 180°00'00"W]		
			M-4	3010.03	A-3	5646.275
1985 LMS	M-5	2636.20	M-4	2636.20	M-3?	5272.40
			M-4	3009.15	A-3	5645.35
1991 REI &1994 REMON	M-5	2636.28 (39.944)	M-4	2636.28 (39.944)	M-3	5272.56 (79.887)
				Angle @ = 179°49'23"W		
			M-4	3009.49 (45.598)	A-3	5645.72 (85.541)
1821 GLO			M-3	(368.3) 5.58	A-3	
1876 CPCo			M-3	368.28	A-3	
1986 LMS			M-3	372.95	A-3	
1991 REI			M-3	373.21 (5.654)	A-3	
1821 GLO	M-3	(2640) 40.00	M-2	(3135) 47.50	M-1	(5775) 87.50
1991 REI &1994 REMON	M-3	2641.70 (40.026)	M-2	3117.51 (47.235)	M-1	5759.21 (87.261)
				Angle @ = 180°52'46"W		
				Angle @ = 178°33'38"W		
			[M-5	M-3	M-1]	
				[Angle @ = 180°06'00"W]		



Handwritten notes and signatures at the bottom of the page, including a signature that appears to be 'J. J. ...' and some illegible text.