

JANUARY 16TH, 1997

CORNER SUMMARY

M-6: E 1/4 COR. SEC. 13, T3N-R4E, HOWELL TWP., LIVINGSTON CO., MI

GLO SURVEY DATED APRIL 15TH, 1825 BY S. SIBLEY AND NONE OF THE GLO WITNESSES REMAIN.

THE FIRST ACTIVITY WE FOUND ON RECORD WAS A 1934 SURVEY OF PART OF SEC. 18, T3N-R5E BY C. GORDON, SHOWING THE W 1/4 COR. OF SEC. 18 AND CALCULATIONS FOR THE GLO JOG SOUTH TO M-6 ALTHOUGH THE DISTANCE IS NOT SHOWN. THE SURVEY ALSO LISTS WITNESSES TO THE W 1/4 COR. OF SEC. 18 AND SHOWS A FENCE LINE TO THE EAST. THE NEXT ACTIVITY RELATED TO M-6 IS ANOTHER C. GORDON SURVEY IN SEC. 18 AND OCCURS SOME 20 YEARS LATER, WHICH SHOWS WITNESSES TO THE W 1/4 OF SEC. 18 AND SHOWS A FENCE LINE TO THE EAST FROM IT THE SAME AS THE 1934 SURVEY. C. GARLOCK IN 1968 MEASURED THE LINE BETWEEN THE W 1/4 SEC. 18, T3N-5RE AND THE SE COR. SEC.13, T3N-R4E THE CALCULATED DISTANCE BETWEEN M-6 AND M-7 TO THE SOUTH WAS 2644.07'. THEN IN 1972 DURING A SURVEY OF THE LANDFILL SITE IN SECTION 13, H. MUNZEL RECORDED A CERTIFICATE OF SURVEY AND AN ACT 74 FORM FOR M-6, THE 74 FORM STATES THAT AN IRON PIPE WAS FOUND AND LISTS 3 WITNESSES TO THE PIPE ADDITIONALLY THE SURVEY SHOWS AN IRON SET OR FOUND 33' WEST OF M-6. P. BENTON IN 1974 ON A CERTIFICATE OF SURVEY INDICATES THE CORNER TO BE A FOUND IRON ROD AND ESTABLISHES 3 WITNESSES TO IT ALSO STATING THAT AN IRON ROD IS LOCATED 33.0' WEST. BENTON USES THESE SAME WITNESSES ON CERTIFICATES OF SURVEY AGAIN IN 1975, 1976, MARCH - 1978 AND FINALLY IN 1989. HOWEVER THE P. BENTON'S RECORDS ARE AMBIGUOUS BECAUSE IN JANUARY, 1978 BENTON LISTS DIFFERENT WITNESSES FOR M-6 ON A CERTIFICATE OF SURVEY. D. HUGHES IN 1982 SHOWS M-6 ON A CERTIFICATE OF SURVEY AND LISTS WITNESSES IDENTICAL TO THE JANUARY, 1978 BENTON WITNESSES. C. GARLOCK IN 1985 CONDUCTED A SURVEY IN SEC. 18, T3N-R5E AND LISTS WITNESSES TO THE W 1/4 AND SW COR. OF SECTION 18 BUT DOES NOT SHOW THE E 1/4 OF SEC. 13, T3N-R4E (M-6). THIS SURVEY BY C. GARLOCK REFERS TO THE 1968 L. MUNSELL SURVEY. THE LAST ACTIVITY IN THE AREA WAS CONDUCTED BY BOSS ENG. IN 1992 AND 1996. BOTH OF THE SURVEY CERTIFICATES RECORDED BY BOSS IDENTIFY AND WITNESS THE W 1/4 OF SEC. 18, T3N-R5E AND INDICATE THAT THERE IS A SECOND IRON ROD 6.06' NORTHWEST OF IT.

OUR NOVEMBER 1996 FIELD RESEARCH LOCATED A BENT IRON ROD IN THE AREA OF M-6 WHICH WE REPLACED WITH A 1/2" x 18" IRON ROD BY MEASURING FROM A FOUND IRON ROD 33.00' WEST AND THE W 1/4 COR. OF SEC. 18, T3N-R5E AT THE JOG DISTANCE OF 75.57'. WE LOCATED THE W 1/4 COR. OF SEC. 18 ON A FENCE LINE EAST AND DID NOT FIND THE SECOND IRON ROD 6' AWAY. THE H. MUNZEL IRON PIPE ALSO WAS NOT FOUND BUT MEASUREMENTS TO ADDITIONAL IRONS ON THE LANDFILL PROPERTY LINES FIT WELL WITH THE LOCATION OF THE RESET IRON ROD. THE MEASURED HALF MILE DISTANCE NORTH IS 2643.78' AND SOUTH IS 2643.04'. COMPARATIVE MEASURES ARE: NORTH - 2643.05' BENTON, 2548.78' HUGHES AND SOUTH - 2644.26' GARLOCK (1968), 2643.21' BENTON. IN THE FIELD WE LOCATED ALL OF THE WITNESSES EXCEPT THOSE RECORDED BY H. MUNZEL NOR DID WE LOCATE THE MUNZEL IRON PIPE. THE RECOVERED WITNESSES CHECKED WITH THE CORNER POSITION. THE POSITION OF THE NE CORNER OF SECTION 13 CAN BE TRACED BACK TO THE EARLY COUNTY SURVEYOR'S RECORDS AS CAN THE SE CORNER OF SECTION 13. OUR MEASURED DISTANCES BETWEEN THESE CORNERS PLACES THE RESET IRON ROD ABOUT 0.4' SOUTH OF THE SPLIT DISTANCE AND NEARLY ON LINE. BASED ON THIS AND THE RIGHT-OF-WAY IRON LOCATED TO THE WEST, WE RECOMMEND ACCEPTANCE OF THE RESET IRON ROD AS FAITHFULL PERPETUATION OF THE ORIGINAL GLO CORNER POSITION. THIS CORNER IS LOCATED 3' WEST OF THE CENTERLINE OF A DIRT ROAD AND IS NOT SUITABLE FOR GPS OBSERVATIONS.



CHARLES E. GARLOCK, PS
110997M6

3N4E

M-6

4

JUL 16 1997

COMMISSION

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

FILED

For corners in

LIVINGSTON
(County)

Located In:

Corner Code #

- 1. Public Land Survey T3N R 4E M-7
 T R
 T R
 T R
- 2. Property Controlling S T R
 in Section S T R
- 3. Miscellaneous S T R
 Property in Sec. S T R

1997 JUN 10 A 9:22

NANCY HAVILAND
REGISTER OF DEEDS
LIVINGSTON COUNTY, MI.
48843

L.S.C#673m

Register of Deeds Stamp & File Number

- 4. Lot No. _____, Recorded Plat _____
- 5. Private Claims _____

I, CHARLES E GARLOCK, in a field survey on MAY 21, 1997 do hereby state 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 for 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, recovered, found as expressed below:

NOTE: Not more than 2 corners, all in the same town and range, may be recorded on this certificate.

1	A	B	C	D	E	F	G	H	I	J	K	L	M
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													

A. Description of original monument and accessories and/or subsequent restoration:
GLO SURVEY DATED APRIL 15, 1825 BY S SIBLEY AND NONE OF THE GLO WITNESSES REMAIN
GLO WITNESSES: WD 11-S21 1/4W-53 LKS
WD 14-N51 1/2W-10 LKS

ADDITIONAL DATA ON REAR OF SHEET

B. Description of corner evidence found and/or method applied in restoring or reestablishing corner:
FD. 1/2" I. ROD BENT, NORTH ON SECTION LINE FOUND COR. FOR T3N-R5E AT 57.30 FT.

C. Description of monument for corner and accessories established to perpetuate locating the position of the corner:
M-7: SE COR. SEC. 13, T3N-R4E, HOWELL TWP. LIV. CO. MI, RESET ABOVE WITH 1 1/4" X 36" BREAK-AWAY I. PIPE WITH LIV. CO. REMON. BRASS CAP ON TOP AT -0.5'
N79W-66.55'-SP & TAG S/S U POLE
N25E-123.33'-SP & TAG SE/S 12" ELM
N47E-53.68'-SP & TAG SE/S 7" ELM
S2E-134.40'-SP & TAG W/S 12" OAK
EAST-4'-CTR. OF ROAD
N85E-25.07'-SP & TAG S/S 12" ELM

Signed by Charles E. Garlock
Surveyor's Michigan License No. 14762

Date MAY 27, 1997

