

H.C. LAWRENCE } July - 11 - 1947  
 E.F. SUTTON

Sec 9 T 36 N R 11 E.

CHAINS	LINE BETWEEN SEC 9 AND 10 (NORTH OF 1/4 COR.)	CHAINS	EAST AND WEST 1/4 LINE.
	From Corner of 3-4-9-10. 1 run South Magnetic on true line		H.C. LAWRENCE May - 6 - 1947
564	an old woods road to E & W.		1 set up staff compass on an elevated rise of land
21 00	enter Ash & Basswood in low area & cut.		approximately on E & W 1/4 Line about 10.00 chs East of
24 00	leave " " " "		of Highway #45 at a point from which 1 line up
32 68	enter narrow ash swale		sights to agree with average of Old Highway #26
35 00	leave " " " "		which is considered to be East and West 1/4 Line from
36 06	Intersect my old E & W. Random 1/4 Line (run in 1947)		1/4 Corner between 8 and 9 to its junction with State
36 30	Intersect True E & W 1/4 Line 1.24 chs. West of 1/4 post		Highway #45. Found a bearing of N 85° W. I projected this
	set by Vaughan in 1912. Stamps of his B.T.S. after here on:	0 00	bearing S 85° E to the 1/4 Corner between 9 and 10 via:
	(Birch 12" S 48° N 45") (Birch 14" S 1 1/2° E 70") IN 1947 I set 4"	27 37	a Culvert Post on E of Road from 1/4 Cor. bet. Sec. 8 & 9
	new 5" Cedar Post in place of old one and made N.B.T.S. on	40 74	of Culvert Post at Culvert - Stream runs South
	(W. Pine 14" S 65° E 6 1/2") (W. Pine 5" S 18° N 50° W 32 1/2") and a	44 07	of Culvert Post at Culvert - Stream runs South
	(Y. Birch 18" S 44° W 4 1/2" old. B.T.)	45 00	an old post opposite South of ditch on South side of road
	(1.24 = 36.30 = .034 per ch. .034 = 1° 57' DEF Δ		Note: This may have been offset South to make N & S
	TRUE LINE BEARING S 1° 57' E		1/4 Line when road was built.
		51 15	of State Highway #45.
	1 set 4" Cedar Post for N 1/4 Corner 62 1/2 chs EAST OF my	59 28	Old Tote Road to Old Homesteads on Sec 3 and 9
	intermediate chainage at 18.15 chs. south of corner.	61 08	my point of beginning where I first set up compass.
		68 06	Vaughan's EC 1/4 Post is 9 1/2 chs. South
		89 88	" 1/4 Cor. is 19 1/2 chs. "
	LINE BETWEEN SEC 9 AND 10 (SOUTH OF 1/4 COR.)		Note: On May 8th I came in with transit and set
	Commenced at 1/4 Cor. and run S 2° 30' E Mag. As I		up over small stake marking the point where I had
	was working alone I was unable to chain the line between		set up staff compass on May 6th. From this point I
	Corner & 1/4 Cor. so I computed the bearing on the basis		back sighted the 1/4 Sec Post itself. Upon plunging
	of 40.00 chs. via 1.24 = 40.00 = .031 per ch. = 1° 46' DEF Δ		telescope I sighted the south edge of my picket
	in setting the above course I observed several large		noted above at 68.06 chs. The needle showed a
	trees on this bearing within 2 or 3 chs. of 1/4 Cor. so I		bearing of S 85° E plus. I then set the plate vernier
	changed bearing to S 2° 30' E TO AVOID said trees.		and obtained a bearing of S 85° 15' E. Before breaking
3 15	Tote Road into old camp clearing East of 1/4 Cor. N 1/4		this set-up I drove a post with trap in it under
5 90	Woods Road branch from above road to Ely		the suspended plumb both for possible future reference.
15 00	enter west side swale		Departure at 1/4 Cor. 19 1/2 chs. North
36 58	At which point the Corner of 9-10-15-16 is 27 1/2 chs. West.		My change 89.88 (see note below as to Vaughan's measure)
	(.27 = 36.58 = .0074 per ch. / dep) = 0° 26' DEF Δ		19 1/2 = 89.88 = .0022 per ch. Dep.
	S 2° 30' E - 0° 26' E = S 2° 04' E TRUE LINE BEARING.		0022 = 0° 08' DEF Δ
			S 85° 15' - 0° 08' = S 85° 07' E TRUE LINE BEARING.
	1 set 4" Cedar Post for S 1/4 Cor 13 1/2 chs West at R. Δ		DISTANCE BETWEEN VAUGHAN'S EC 1/4 POST & EAST 1/4 COR =
	from 18.29 chs. intermediate & made B.T.S. on:		89.88 - 68.06 = 21.82 my measure. Therefore Vaughan's
	(Hemlock 12" N 16 1/2° W - 56 1/2 chs) (Maple 18" N 88 1/2° W - 2 1/2 chs)		Center should be in road at (21.82 x 2) = 43.64 chs.
			West of 1/4 Cor. bet. 9 & 10) and (89.88 - 43.64 = 46.24 chs
			East of 1/4 Cor. bet. 8 & 9.)
			I find an error in Vaughan's notes wherein he gives the
			total distance between 1/4 Corners as 89.75 chs. a
			difference of 13 1/2 chs short of my measure. However in
			giving this distance East of his CH he gives 44.26 chs
			and " " West " " CH " " 44.49 "
			which totals to 88.75 chs. to conflict with his 89.75 chs.
			(SEE MY NOTES FOR NORTH & SOUTH 1/4 LINE SEC. 9.)

1180-101A (2C-11-51)

12-28-04

17-28-04