

E. P. KENDRICK'S SURVEY FIELD NOTES OF THE NORTH LINE OF INDIANA – 1827

[Transcription information: John McNamara, St. Joseph Co IN Surveyor) transcribed these notes from a facsimile copy of Kendrick's Field Book Notes which is in the Indiana State Library in Indianapolis, IN. He was provided the notes of the north line, being the East-West line, beginning at Mile Post 0 at Lake Michigan and running east to Mile Post 105. The Library did not provide him the copy of Kendrick's Field Book Notes for the east line beginning at the intersection of the 1817 Harris Line with the N-S boundary of Indiana and Ohio (intended and supposed by Kendrick to be 10 miles south of the E-W portion of the North Line of Indiana). Kendrick ran north from this point setting mile posts. He gives the station of the Northwest Corner of Ohio, at a little over 6 miles, and continues due North. From the NW Corner of Ohio northerly he was establishing the N-S boundary of Indiana, considered under his contract to be part of the "North Line of Indiana." Michigan was not yet a state, only a territory, and the enabling act for statehood for Indiana (1816) had only defined the boundaries of the State of Indiana. Michigan's enabling act for statehood (1836) required them to acknowledge and adhere to the north boundary of Indiana (as well as that of Ohio with whom they had had an ongoing dispute over their boundary). Apparently, the State Library did not realize that the 3-3/4 mile N-S stretch was part of the "North Boundary" as surveyed by Kendrick under his contract. The transcription of that portion was obtained from the office of the Steuben Co IN Surveyor.

Any items in brackets indicate material added for clarity by either John McNamara or Jack Owens of the State Line ad hoc Volunteer Survey Study Committee which searched for Mile Posts prior to the establishment of the Indiana-Michigan Boundary Line Commission. Black Oak is called Yellow Oak by Kendrick, the common name used at that time. B. Oak is the Burr Oak, common in the west half are of the line.

The dates given by Kendrick for his work are highlighted so as to make them easy to find as he did not have a standard format for entering these dates.]

KENDRICK'S SURVEY FIELD NOTES:

October 8, 1827. "Commenced at the southern extremity of Lake Michigan at a corner established by Wm. Harris in June 1817, which had it's bearings as follows: an Aspen 9 inches in dia., S56W, 200lks. [equivalent to 132 feet], and an Aspen 12 inches in dia., S42E, 184 lks. [121.4 feet]. The post which was set by Mr. Harris was entirely covered by the sand. I trace his line East to his 1st & 2nd mile corners and found them correct. I then traverse the margin of the Lake to get 10 miles Northing."

[There are 35 traverse courses in Kendrick's notes which I am not retyping.]

"which brings me 32 links too far N. thence South 32 links on beach to commencement of the line between Indiana and Michigan."

"The Lake Coast as far as I traversed it is a continual chain of hills formed of beautiful white sand in most places very high and little or no vegetation. Back of these sand hills it is generally swamp and marsh, therefore there are but few places that the Lake can be approached without difficulty. No harbors or islands are to be seen."

"From commencement at low water mark ran East 2.50 chains [165 feet] to a Pine tree 10 inches in dia. on top of first bank. Which marked on N. side M.L. and on South side I.L. and from which a Pine 14 inches in dia. S37W, 123 links [81 feet], a Pine 15 inches in dia. S11W, 44 links [29 feet], a Cedar 8 inches in dia., S10E, 75 links [49.5 feet], and a Pine 15 inches in dia., S25E, 22 links [14.5 feet], and a Pine 20 inches in dia., N75 ¼ E, 124 links [81.8 feet]."

"On the evening of October 11th, I formed (found) by observation the variation to be 6 degrees 10 min. E. On the 12th I commenced at the corner before mentioned and ran East carefully observing my back sight(s)."

East on the 1st mile

31.14 [2055.2 feet] a W. Oak 14 inches in dia.

52.50 [3465 feet] a stream 12 lks. [7.9 feet] wide N.

58.25 [3844.5 feet] a Y. Oak 5 inches in dia.

65.84 [4345.4 feet] a W. Oak 10 inches in dia.

80.00 [5280 feet] set 1 mile post from which a W. Oak 15 inches in dia., S8E, 83 lks. [54.8 feet], and a Y. Oak 8 in. in dia., N20E, 18 lks. [12 feet].

East on the 2nd mile

1.22 [80.5 feet], a W. Oak 8 inches in dia.

19.78 [1905.5 feet], a W. Oak 10 inches in dia.

23.00 [1518 feet], enter swale.

25.00 [1650 feet], leave swale

32.00 [2112 feet], enter marsh

40.00 [2640 feet], leave marsh
44.00 [2904 feet], wet prairie and marsh.
73.00 [4818 feet], leave prairie and marsh.
73.70 [4864.2 feet], a tree 8 inches in dia.
80.00 [5280 feet], set 2nd mile post from which a Walnut 14 inches in dia., S76W, 22lks. [14.5 feet], and a Walnut 14 inches in dia., N61E, 27 lks. [17.8 feet]

East on the 3rd mile

3.75 [247.5 feet], a Sugar 8 inches in dia.
22.50 [1485 feet], a W Oak 14 inches in dia.
44.73 [2952.2 feet], a beech 16 inches in dia.
63.77 [4208.8 feet], a beech 18 inches in dia.
80.00 [5280 feet], set 3 mile post from which a Walnut 15 inches in dia., S43 ¼ E, 17 lks. [11.2 feet], and a Poplar 10 inches in dia., N48 ½ W, 20 lks. [13.2 feet].

East on 4th mile

2.81 [185.5 feet], a Cottonwood 30 inches in dia.
20.98 [1382.7 feet], a W. Ash 14 inches in dia.
38.57 [2545.6 feet], a beech 10 inches in dia.
61.16 [4036.6 feet], a W. Oak 16 inches in dia.
80.00 [5280 feet], set 4 mile post from which a W. Oak 24 inches in dia., S54W, 14 lks. [9.24 feet], and a W. Oak 14 inches in dia., N62E, 83 lks. [55 feet].

East on 5th mile

4.23 [279.2 feet], a W. Oak 16 inches in dia.
19.68 [1298.9 feet], a W. Oak 6 inches in dia.
39.21 [2587.9 feet], a W. Oak 14 inches in dia.
44.00 [2904 feet], enter marsh and tamarack swamp.
80.00 [5280 feet], set 5 mile post from which a Poplar 9 inches in dia., S10 ½ W, 26 lks. [17.2 feet], and a Gum 16 inches in dia., N30E, 47 lks. [31 feet].

East on 6th mile

Variation 6 degrees 30 minutes East. October 13, 1827.
16.00 [1056 feet], leave swamp.
17.51 [1155.7 feet], Elm 16 inches in dia.
41.00 [2706 feet], Elm 15 inches in dia.
70.00 [4620 feet], a brushy swamp.
80.00 [5280 feet], set 6th mile post from which an Elm 15 inches in dia, N18 ¼ E, 39 lks. [25.7 feet], and a Willow 7 inches in dia., S13 ½ W, 26lks. [17.2 feet].

East on 7th mile

33.90 [2237.4 feet], T38N, R2 & 3 W

55.00 [3630 feet], leave B. Ash swamp.

70.75 [4669.5 feet], a Beech 4 inches in dia.

80.00 [5280 feet], set 7th mile post from which a Beech 16 inches in dia., N42 ½ E, 11 lks. [7.25 feet], and an Elm 12 inches in dia., S45E, 48 lks. [29.7 feet]

East on 8th mile

4.17 [275.2 feet], a Beech 16 inches in dia.

17.85 [1178.1 feet], a W. Ash 15 inches in dia.

42.05 [2775.3], a Lynn 6 inches in dia.

60.30 [3979.8 feet], a Walnut 12 inches in dia.

80.00 [5280 feet], set 8th mile post from which a Beech 13 inches in dia., S55 ½ E, 20 lks. [13.2 feet], and a Beech 12 inches in dia., N19 ½ W, 18 lks. [11.9 feet].

East on 9th mile

0.96 [63.4 feet], a Lynn 6 inches in dia.

17.80 [1174.8 feet], a poplar 12 inches in dia.

39.00 [2574 feet], a creek 50 lks. [33 feet] wide N.

54.25 [3580.5 feet], a run 6lks. [4 feet] wide N.

65.00 [4290 feet], a creek 50 lks [33 feet] wide W.

68.60 [4527.6 feet], same creek SW

80.00 [5280 feet], a cherry 7 inches in dia., for 9 mile post.

East on 10th mile

30.48 [2011.7 feet], an Aspen 5 inches in dia.

60.18 [3971.9 feet], a Sugar 8 inches in dia.

78.5 [5181 feet], a stream 10 lks. [6.6 feet] wide W

80.00 [5280 feet], set 10th mile post from which a B. Ash 8 inches in dia., S6E, 8 lks. [5 feet], and a W. Ash 15 inches in dia., N67 ¼ E, 44 lks. [29 feet].

Variation 6 degrees 30 minutes East, October 14, 1827.

East on 11th mile

3.73 [246.2 feet], a Sycamore 18 inches in dia.

22.48 [1483.7 feet], a Elm 6 inches in dia.

53.45 [3527.7 feet], a Beech 8 inches in dia.

63.00 [4158 feet], a stream 30 lks. [20 feet] wide, N.

74.50 [4917 feet], a stream 6 lks [4 feet] wide, N.

80.00 [5280 feet], set 11th mile post from which a Sycamore 16 inches in dia., S44 ½ E, 17 lks. [11 feet], and a Beech 8 inches in dia., N54W, 30 lks [20 feet].

East on 12th mile

4.00 [264 feet], enter wet prairie.

6.00 [396 feet], a spring, N.

9.00 [594 feet], leave prairie.

15.50 [1023 feet], a spring run 4 lks. [2.6 feet]. W.

39.35 [2597.1 feet], an Elm 18 inches in dia.

43.50 [2871 feet], a bend of stream 10 lks. [6.6 feet], NW.

47.75 [3151.5 feet], same stream, N.

59.20 [3907.2 feet], a Sugar 12 inches in dia.

78.00 [5148 feet], a run, 5lks.[3 feet] wide NW.

80.00 [5280 feet], set 12th mile post from which an Elm 20 inches in dia., N33E, 17 lks. [11 feet], and a Walnut 18 inches in dia., S50W, 68 lks. [45 feet].

East on 13th mile

1.25 [82.5 feet], a run 4 lks. [3 feet] wide, NW

2.06 [136 feet], a Walnut 6 inches in dia.

18.98 [1252.7 feet], a Cherry 18 inches in dia.

40.13 [2648.6 feet], post between Range 1 and 2 West.

40.56 [2677 feet], a B. Walnut 20 inches in dia.

80.00 [5280 feet], set 13th mile post from which a W. Ash 8 inches in dia., N68 ½ W, 18 lks. [12 feet], and a W. Ash 5 inches in dia., S14 ½ E, 5lks. [3 feet].

East on 14th mile

18.81 [1241.5 feet], a Lynn 13 inches in dia.

27.50 [1815 feet], a stream 40 lks.[26 feet] wide NW

39.68 [2619 feet], a Poplar 12 inches in dia.

60.66 [4003.5 feet], a Beech 20 inches in dia.

80.00 [5280 feet], 14 mile post from which a Beech 8 inches in dia., S10E, 15 lks.[10 feet], and a Lynn 8 inches in dia., N19 ¼ E, 34 lks. [22 feet].

Land 2nd rate and rolling

East on 15th mile

14.68 [969 feet], a Beech 12 inches in dia.

27.00 [1782 feet], a stream 6 lks. [4 feet] wide NW

40.82 [2694 feet], a Sugar 20 inches in dia.

59.56 [3931 feet], a Lynn 5 inches in dia.

80.00 [5280 feet], 15 mile post from which a W. Oak 14 inches in dia., N11E, 28 lks. [18 feet], and a W. Oak 22 inches in dia., S81E, 64 lks. [42 feet].

Land is same

East on 16th mile

.76 [50.16 feet], a W. Oak 9 inches in dia.

1.00 [66 feet], enter tamarack swamp [now Davidson Lake]

31.00 [2064 feet], leave tamarack swamp

31.38 [2071 feet], B. Ash 4 inches in dia.

46.00 [3036 feet], enter tamarack swamp [now Spicer Lake]

63.95 [4220.7 feet], a Tamarack 12 inches in dia.

64.50 [4257 feet], leave swamp

80.00 [5280 feet], a Beech 18 inches in dia for 16th mile post

East on 17th mile, variance 6 degrees 10 minutes East

62.50 [4125 feet], a stream 4 lks. [3 feet] wide, N. October 15, 1827

70.00 [4620 feet], enter prairie

80.00 [5280 feet], leave prairie at a stream 6.6 feet wide [now Dowling Creek], set 17th mile post from which a W. Walnut 10 inches in dia, N 89degrees 45 minutes W, and a Walnut 8 inches in dia., S 49degrees 30 minutes E, 31 feet.

East on 18th mile

23.10 [1524.6 feet], a W. Oak 10 inches in dia.

37.90 [2501.4 feet], a Beech 16 inches in dia.

41.00 [2706 feet], a stream 6lks. [4 feet] wide, NW

62.48 [4092 feet], a W. Oak

80.00 [5280 feet], set 18th mile post from which a tree 14 inches in dia., N 7 degrees 40 minutes E, 22.4 feet., a Poplar 15 inches in dia., N 64 degrees 30 minutes E, 18 feet.

East on 19th mile

26.34 [1738.4 feet], a Beech 16 inches in dia.

40.25 [2656.5 feet], a Lynn 26 inches in dia.

[43.17 [2849.22 feet], Second Principal Meridian]

77.00 [5082 feet], a stream 4 feet, NW

80.00 [5280 feet], 19th mile post, an Ironwood 5 inches in dia.

East on 20th mile

17.85 [1178.1 feet], a Poplar 14 inches in dia.

52.00 [3432 feet], enter a dry prairie

56.75 [3745.5 feet], a trail NE [now Reed Road]
80.00 [5280 feet], 20 mile post in mound

East on 21st mile

80.00 [5280 feet], set 21st mile post from which an Oak 15 inches in dia., S 17degrees E, 44 feet dist. And a Bl. Oak 20 inches in dia, N 88 degrees 30 minutes E, 37 feet.

East on 22 mile

5.28 [348.5 feet], a Bl. Oak 20 inches in dia.
17.75 [1171.5 feet], a Bl. Oak 7 inches in dia.
48.00 [3168 feet], leave prairie
49.70 [3280.2 feet], a Y. Oak 10 inches in dia.
64.90 [4283.4 feet], a Bl. Oak 5 inches in dia.
80.00 [5280 feet], set 22nd mile post on ridge, from which a W. Oak 18 inches in dia, S 53 degrees W, 10 feet., a W. Oak 12 inches in dia., N 46 degrees 30 minutes W, 46 feet.

East on 23rd mile

16.00 [1716 feet], Chicago Trail
27.32 [1803 feet], a Hickory 16 inches in dia.
45.74 [3019 feet], a W Oak 24 inches in dia.
80.00 [5280 feet], set 23rd mile post, from which a W. Oak 15 inches in dia., S 57degrees 30 minutes E, 55 feet, a Y. Oak 30 inches in dia., N 14 degrees W, 101 feet.

East on 24th mile

1.36 [90 feet], a W. Oak 8 inches in dia.
8.00 [528 feet], to lake and set a point [Clear Lake], a W. Oak 14 inches in dia., S 41 degrees 20 minutes W., 57 feet., a W. Oak 24 inches in dia. N70 degrees W 103 feet.
28.84 [1903.4 feet], leave lake and set post, a W. Oak 8 inches in dia., S 63 degrees 45 minutes E, 26 feet., a W. Oak 30 inches in dia., N 35 degrees 30 minutes E., 38 feet.
57.90 [3821 feet], a W. Oak 9 inches in dia.
80.00 [5280 feet], set 24th mile post., from which a W. Oak 9 inches in dia., S 66 degrees 20 minutes W, 67 feet., a Y. Oak 14 inches in dia., N 13 degrees E, 41 feet.

East on 25th mile

15.35 [1013 feet], a Y. Oak 18 inches in dia.
40.80 [2692.8 feet], a Hickory 8 inches in dia.
[43.68 [2883 feet], to NE corner of T38N, R1E -FROM CO. SURVEY RECORDS 1827-1832]
61.23 [4041 feet], a W. Oak 10 inches in dia.

80.00 [5280 feet], set 25th mile post, from which a B. Oak 12 inches in dia., N 43 degrees W, 7 feet., a B. Oak 8 inches in dia., S 32 degrees W, 30 feet.

East on 26th mile

28.45 [1878 feet], a Bl. Oak 8 inches in dia.
29.50 [1947 feet], enter dry rich prairie
80.00 [5280 feet], set 26th mile post in mound

East on 27th mile

51.00 [3366 feet], leave prairie
54.11 [3571 feet], a Bl Oak 6 inches in dia.
80.00 [5280 feet], set 27th mile post, from which a Y. Oak 20 inches in dia., N 62 degrees 30 minutes E, 25 feet., a Y. Oak 18 inches in dia., S 64 degrees 30 minutes W, 37.6 feet.

East on 28th mile

19.75 [1303.5 feet], a Hickory 8 inches in dia.
38.16 [2518.5 feet], a W. Oak 20 inches in dia.
62.77 [4143 feet], a W. Oak 4 inches in dia.
80.00 [5280 feet], set 28th mile post from which a Y. Oak 20 inches in dia., S 11 degrees E, 8.5 feet., a Y. Oak 16 inches in dia., N 58 degrees W, 24.4 feet.

East on 29th mile

24.00 [1584 feet], a Y. Oak 18 inches in dia.
35.00 [2310 feet], a trail [now Linden Road], N., Variance 5 degrees 50 minutes October 16, 1827
39.44 [2603 feet], a W. Oak 18 inches in dia.
47.36 [2243 feet], to St. Joseph River, a Cedar 10 inches in dia. Oct. 17.
52.57 [3470 feet], over the river and set a post, a Sycamore 15 inches in dia., S 22 degrees 30 minutes W, 8.6 feet., a Cedar 24 inches in dia, N 35 degrees W., 16 feet.
80.00 [5280 feet], set 29th mile post from which a Sugar 10 inches in dia., N35 degrees E, 28 feet., a Sugar 14 inches in dia., S 45degrees E, 11 feet.

East on 30th mile

0.27 [18 feet], a Sugar 8 inches in dia.
15.00 [990 feet], enter prairie
22.00 [1452], leave prairie
23.20 [1531.2 feet], a Hickory 6 inches in dia.
35.00 [2310 feet], a road north and south [now Kenilworth Road]
48.92 [3228.7 feet], a Y. Oak 10 inches in dia.

73.85 [4874 feet], a Y. Oak 14 inches in dia.

80.00 [5280 feet], set 30th mile post from which a Y. Oak 15 inches in dia., N3 degrees W, 22 feet., a W. Oak 15 inches in dia., S 50 degrees E , 6 feet.

East on 31st mile

6.88 [454 feet], an Oak 8 inches in dia.

27.97 [1846 feet], an Oak 5 inches in dia.

[47.00 [2838 feet], NE corner of Township 2 E, at the intersection of East and West boundaries, a B. Oak 13 inches in dia., S 86 degrees W 18 feet., a B. Oak 13 inches in dia., S 83 degrees 30 minutes E , 18 feet. - Note: ADDED FROM CO. SURVEY RECORDS 1827-1832]

47.00 [3102 feet], enter wet prairie

74.00 [4884 feet], leave prairie

80.00 [5280 feet], set 31st mile post from which a Y. Oak 15 inches in dia. on corner

East on 32nd mile

6.94 [458 feet], a W. Oak 20 inches in dia.

30.96 [2043.3 feet], a W. Oak 22 inches in dia.

66.82 [4410 feet], a Y. Oak 7 inches in dia.

80.00 [5280 feet], set 32nd mile post from which a Y. Oak 17 inches in dia., S 10 degrees E, 57 feet. And a W. Oak 12 inches in dia., S 45 degrees 30 minutes E, 47 feet

East on 33rd mile

2.57 [170 feet], a Y. Oak 14 inches in dia.

34.80 [2297 feet], a Hickory 5 inches in dia.

80.00 [5280 feet], set 33rd mile post from which a W. Oak 9 inches N 35 degrees 30 minutes E. 17 feet., and a Y. Oak 18 inches in dia., S 73 degrees E., 22 feet

East on 34th mile

3.51 [231 feet], a Hickory 10 inches in dia.

23.03 [1520 feet], a Y. Oak 12 inches in dia.

59.50 [3927 feet], a Hickory 12 inches in dia.

80.00 [5280 feet], set 34th mile marker post from which a W. oak 16 inches in dia., S 43 degrees W, 18 feet, and a Y. Oak 16 inches in dia., N 60 degrees S, 37 feet.

East on 35th mile

17.90 [1181 feet], a Hickory 12 inches in dia.

80.00 [5280 feet], set 35th mile post from which a B. Oak 10 inches in dia., N 35 degrees E., 49.5 feet. And a W. Oak 30 inches in dia., S 31 degrees 30 minutes W., 52 feet.

East on 36th mile

4.20 [277 feet], a W. Oak 20 inches in dia.

32.48 [2144 feet], a B. Oak 24 inches in dia.

41.87 [2763 feet], corner of T38N R3&4E

62.59 [4131 feet], a Y. Oak 10 inches in dia.

80.00 [5280 feet], set 36th mile post from which a Y. Oak 10 inches in dia., S 47 degrees W., 49 feet, and a Y. Oak 15 inches in dia., N57 degrees E., 15 feet.

East on 37th mile

7.44 [491 feet], a Y. Oak 18 inches in dia.

50.00 [3300 feet], enter end of 4 mile prairie

80.00 [5280 feet], set 37th mile post from which a B. Oak 15 inches in dia., S 88 degrees 15 minutes W. 13 feet, and a B. Oak 12 inches in dia., East 12 feet.

East on 38th mile

17.87 [1179.42 feet], a B. Oak 12 inches in dia. Variation 5 12 E. October 18, 1827. [something, not sure of word] ½ mile north of line.

70.00 [4620 feet], leave prairie

76.72 [5063.5 feet], a B. Oak 8 inches in dia.

80.00 [5280 feet], set 38th mile post from which a Y. Oak 20 inches in dia., N 61 degrees W., 31 feet, and a W. Oak 15 inches in dia., S 6 degrees W, 89 feet.

East on 39th mile

5.22 [344.5 feet], a Hickory 15 inches in dia.

22.00 [1452 feet], Road from Ft. Wayne to Chicago [No longer there]

52.05 [3435.3 feet], a Y. Oak 20 inches in dia.

66.54 [4391.6 feet], a Y. Oak 5 inches in dia.

80.00 [5280 feet], set 39th mile post from which a W. Oak 12 inches in dia., S 12 degrees W, 20 feet. And a W. oak 15 inches in dia N 27 degrees 30 minutes E., 24 feet.

East on 40th mile

1.20 [79,2 feet], a Hickory 12 inches in dia.

25.77 [1700.8 feet], a Y. Oak 12 inches in dia.

66.50 [4389 feet], enter prairie

69.80 [4606.8 feet], a stream 8 feet wide [Cobus Creek]

73.00 [4818 feet], leave prairie

80.00 [5280 feet], set 40th mile post from which a W Oak 11 inches in dia., S78E, 6 feet, and a Y. Oak 14 inches in dia., N10 ½ W, 21 feet.

East on 41st mile

7.40 [48.8 feet], a Hickory 10 inches in dia.

40.60 [2679.6 feet], a Hickory 6 inches in dia.

80.00 [5280 feet], set 41st mile post from which a Y. Oak 10 inches in dia., N10E, 24 feet., and a Y. Oak 16 inches in dia., S68W, 26 feet.

East on 42nd mile

0.58 [38.3 feet], a Hickory 10 inches in dia.

52.68 [3476.9 feet], a W. Oak 3 inches in dia.

80.00 [5280 feet], set 42nd mile post from which a W. Oak 16 inches in dia., S19W, 14 feet., and a W. Oak 26 inches in dia., N23E, 75 feet.

East on 43rd mile

33.05 [2181.3 feet], a B. Oak 5 inches in dia.

53.10 [3504.6 feet], a Y. Oak 10 inches in dia.

69.00 [4554 feet], enter wet prairie

76.00 [5016 feet], 7 lks [5 feet] wide, Christiana Creek, S

78.00 [5148 feet], leave prairie

80.00 [5280 feet], set 43rd mile post from which a W. Oak 15 inches in dia., S16 ½ W, 11 feet., and a W. Oak 10 inches in dia., N10E, 21 feet.

East on 44th mile

47.89 [3160.7 feet], a W. Oak 6 inches in dia.

66.80 [4408.8 feet], a W. Oak 6 inches in dia.

80.00 [5280 feet], set 44th mile post from which a W. Oak 18 inches in dia., S4W 59 feet., and a W. Oak 15 inches in dia., N22 ½ W, 16.5 feet.

East on 45th mile

1.30 [85.8 feet], a W. Oak 6 inches in dia.

19.55 [1290.3 feet], a Hickory 5 inches in dia.

46.90 [3095.4 feet], a Y. Oak 14 inches in dia.

56.30 [3715.8 feet], a W. Oak 8 inches in dia.

80.00 [5280 feet], set 45th mile post from which a W Oak 16 inches in dia., S14E, 11 feet., and a W. Oak 15 inches in dia., N32 ½ E., 35.6 feet

East on 46th mile

34.85 [2300 feet], a Y. Oak 6 inches in dia.

80.00 [5280 feet], set 46th mile post from which a W Oak 15 inches in dia., S42 ½ E, 49 feet., and a W. Oak 12 inches in dia., N50E., 18 feet

East on 47th mile

52.89 [3490.7 feet], a B. Oak 18 inches in dia.

63.45 [4187.7 feet], a W. Oak 24 inches in dia.

80.00 [5280 feet], set 47th mile post from which a W. Oak 15 inches in dia., N89 ½ W, 338 feet., and a Pin Oak 15 inches in dia., S8 ½ E, 205 feet.

East on 48th mile

22.88 [1510 feet], a W. Oak 6 inches in dia.

34.00 [2244 feet], enter wet prairie

50.00 [3300 feet], a W. Oak 15 inches in dia., on point of dry land

80.00 [5280 feet], set 48th mile post from which a W. Oak 12 inches in dia., S14 ¾ W, [310 feet?], and a Aspen 6 inches in dia., N89 ½ W., 14 feet.

East on 49th mile

21.50 [1419 feet], leave prairie

27.16 [1792.6 feet], a W. Oak 18 inches in dia.

44.54 [2939.6 feet], a W. Oak 15 inches in dia.

64.56 [4261 feet], a W. Oak 14 inches in dia.

80.00 [5280 feet], set 49th mile post from which a Y. Oak 8 inches in dia., N45W, 13 feet., and a Y. Oak 12 inches in dia., S28 ¼ W, 38 feet

East on 50th mile

21.29 [1405 feet], a W. Oak 20 inches in dia.

48.05 [3171 feet], a W. Oak 14 inches in dia.

63.00 [4158 feet], a Y. Oak 12 inches in dia.

80.00 [5280 feet], set 50th mile post from which a Y. Oak 14 inches in dia., N55W, 16 feet, and a W. Oak 11 inches in dia., S36 ¼ E, 12.5 feet.

East on 51st mile

17.00 [1122 feet], enter wet prairie. Variance 5deg. 12min. E. October 19, 1827

27.80 [1834.8 feet], leave wet prairie, and a W Oak 18 inches in dia.

51.15 [3376 feet], a W. Oak 6 inches in dia.

80.00 [5280 feet] set 51st mile post from which a Hickory 5 inches in dia., N71E, 8 feet, and a Pin Oak 14 inches in dia., S41W, 70 feet.

East on 52nd mile

4.33 [286 feet], a Y. Oak 4 inches in dia.

17.00 [1122 feet], to lake [Indiana Lake] set post from which a Y. Oak 16 inches in dia., S84W, 115 feet., and a W. Oak 12 inches in dia., N64W, 108 feet.

47.00 [3102 feet], leave lake, set post from which a Y. Oak 5 inches in dia., N48E, 29 feet, and a W. Oak 5 inches in dia., S 15 ½ E, 27 feet.

61.43 [4054 feet], a W. Oak 6 inches in dia.

75.50 [4983 feet], enter wet prairie

80.00 [5280 feet], set 52nd mile post from which a W. Oak 14 inches in dia., S81W, 303 feet, and a W. Oak 7 inches in dia., N86 ½ W, 297 feet.

East on 53rd mile

25.50 [1683 feet], a marshy stream 99 feet wide [Trout Creek]

33.95 [2240.7 feet], leave prairie, a W. Oak 15 inches in dia.

59.98 [3959 feet], a W. Oak 14 inches in dia.

80.00 [5280 feet], set 53rd mile post from which a Pin Oak 14 inches in dia., N78 ¾ W, 36 feet, and a Pin Oak 12 inches in dia., S74 ½ E, 47.5 feet.

East on 54th mile

25.30 [1670 feet], a W. Oak 6 inches in dia.

44.80 [2957 feet], St. Joseph River flow SE, set post from which a Hickory 7 inches in dia., N50W, 22 feet, and a R. Oak 12 inches in dia., S68 ½ W, 19 feet

48.89 [3227 feet], leave river and set post from which a Maple 12 inches in dia., South, 1 foot, and a Maple 12 inches in dia., S69 ½ E, 7 feet.

75.00 [4950 feet], the River 66 feet north of line.

80.00 [5280 feet], set 54th mile post from which a W. Oak 24 inches in dia., S7 ½ E, 80 feet, and a W. Oak 13 inches in dia., N45W, 165 feet.

East on 55th mile

30.73 [2028 feet], a W. Oak 14 inches in dia.

80.00 [5280 feet], set 55th mile post from which a W. Oak 15 inches in dia., East, 18 feet, and a W. Oak 12 inches in dia., West, 8 feet.

East on 56th mile

43.87 [2895 feet], a W. Oak 20 inches in dia.

58.02 [3829 feet], a Hickory 6 inches in dia.

80.00 [5280 feet], set 56th mile post from which a B. Oak 7 inches in dia., n 16 ½ W, 11 feet, and a W. Oak 16 inches in dia., East, 40 feet.

East on 57th mile

20.27 [1338 feet], a B. Oak 8 inches in dia.

47.63 [3144 feet], a Y. Oak 8 inches in dia.

80.00 [5280 feet], set 57th mile post from which a W. Oak 14 inches in dia., N 13 ½ W, 41 feet, and a W. Oak 15 inches in dia., S9 ½ W, 20 feet.

East on 58th mile

4.14 [273 feet], a Y. Oak 12 inches in dia.

11.50 [759 feet], enter marshy lake

27.50 [1815 feet], leave lake, at a W. Oak 8 inches in dia.

45.44 [2999 feet], a W. Oak 6 inches in dia.

70.00 [4620 feet], enter marsh

80.00 [5280 feet], set 58th mile post from which a W. Oak 15 inches in dia., N6W, 105 feet, and a W. Oak 15 inches in dia., S86 ½ E, 200 feet.

East on 59th mile

10.00 [660 feet], leave marsh

11.95 [789 feet], a Y. Oak 14 inches in dia., October 20, 1827.

18.00 [1188 feet], enter marsh again

80.00 [5280 feet], set 59th mile post on island of timber from which a W. Oak 9 inches in dia., S13E, 19 feet, and a W. Oak 14 inches in dia., N24 ½ E, 24 feet.

East on 60th mile

0.71 [47 feet], a W. Oak 14 inches in dia.

18.00 [1188 feet], leave prairie and enter marsh

80.00 [52180 feet], set 60th mile post from which a W. Oak 10 inches in dia., S35E, 19 feet, and a W. Oak 14 inches in dia., N38E, 42 feet.

East on 61st mile

15.65 [1033 feet], a Y. Oak 8 inches in dia.

25.00 [1650 feet], enter prairie

35.00 [2310 feet], leave prairie

35.95 [2373 feet], a Y. Oak 5 inches in dia.

54.05 [3567 feet], a Hickory 6 inches in dia.

80.00 [5280 feet], set 61st mile post from which a W. Oak 14 inches in dia., S45 ½ E, 34 feet, and a Y. Oak 12 inches in dia., N20E, 56 feet.

East on 62nd mile

5.13 [339 feet], a Y. Oak 15 inches in dia., on bank of lake [Fish Lake]
33.78 [2229 feet], a W. Oak 15 inches in dia on the other bank
46.75 [3085 feet], a W. Oak 20 inches in dia.
80.00 [5280 feet], set 62nd mile post from which a W. Oak 7 inches in dia., S70 ½ E, 4 feet, and a Y. Oak 9 inches in dia., N86W, 26 feet.

East on 63rd mile

0.45 [30 feet], a W. Oak 6 inches in dia.
10.50 [693 feet], a Y. Oak 16 inches in dia.
19.40 [1280 feet], a W. Oak 12 inches in dia.
54.50 [3597 feet], enter marsh
60.50 [3993 feet], leave marsh
70.00 [4620 feet], enter marsh
78.00 [5148 feet], leave marsh
80.00 [5280 feet], set 63rd mile post from which a W. Oak 15 inches in dia., S84 ½ W, 11 feet, and a W. Oak 12 inches in dia., N 17 ½ E, 16.5 feet.

East on 64th mile

1.71 [113 feet], a W. Oak 18 inches in dia.
41.00 [2706 feet], enter marsh
60.00 [3960 feet], leave marsh
61.25 [4042 feet], a W. Oak 10 inches in dia.
75.25 [4966 feet], a W. Oak 18 inches in dia.
80.00 [5280 feet], set 64th mile post from which a W. Oak 20 inches in dia., S27 ½ E, 54 feet, and a W. Oak 22 inches in dia., N48 ½ E, 40 feet.

East on 65th mile

12.78 [843 feet], a W. Oak 14 inches in dia.
33.50 [2211 feet], Pigeon River, 155 lks [102 feet] wide, N
53.02 [3499 feet], a W. Oak 24 inches in dia.
80.00 [5280 feet], set 65th mile post from which a W. Oak 8 inches in dia., N35 ½ W, 30 feet, and a W. Oak 14 inches in dia., S74 ½ W, 44 feet.

East on 66th mile

9.82 [648 feet], a W. Oak 8 inches in dia.
32.80 [2165 feet], a W. Oak 20 inches in dia.
56.50 [3729 feet], to Fawn River 75 lks. [50 feet] wide, N
69.32 [4575 feet], a Hickory 6 inches in dia.

80.00 [5280 feet], set 66th mile post from which a W. Oak 12 inches in dia., S81 ¼ W, 45 feet, and a W. Oak 15 inches in dia., N49E, 137 feet.

East on 67th mile

7.88 [520 feet], a W. Oak 8 inches in dia.

61.04 [4029 feet], a W. Oak 7 inches in dia.

80.00 [5280 feet], set 67th mile post from which a W. Oak 15 inches in dia., North, 92 feet, and a W. Oak 16 inches in dia., S4W, 141 feet. A Lake ¼ mile North runs E & W about 1 mile long.

East on 68th mile

4.46 [294 feet], a W. Oak 8 inches in dia.

20.43 [1348 feet], a W. Oak 13 inches in dia.

46.98 [3100 feet], a W. Oak 11 inches in dia.

75.00 [4950 feet], a Y. Oak 30 inches in dia.

80.00 [5280 feet], set 68th post from which a W. Oak 14 inches in dia., S69 ½ E, 54 feet, and a W. Oak 14 inches in dia., N5W, 34 feet.

East on 69th mile

6.00 [396 feet], a W. Oak 14 inches in dia.

35.00 [2310 feet], about 5.00 south of Fawn River

39.00 [2574 feet], enter marsh

52.50 [3465 feet], Fawn River. SW

54.00 [3564 feet], leave marsh

68.11 [4495 feet], a W. Oak 10 inches in dia.

80.00 [5280 feet], set 69th mile post from which a W. Oak 10 inches in dia., S45W, 20 feet, and a W. Oak 10 inches in dia., N29 ½ W, 24 feet.

East on 70th mile

2.50 [165 feet], enter marsh

24.74 [1633 feet], leave marsh at a W. Oak 14 inches in dia.

72.50 [4785 feet], to Fawn River, 50 feet wide, SW

80.00 [5280 feet], set 70th mile post [River about 10 feet south] from which a W. Oak 18 inches in dia., N45 ½ E, 441 feet, and a W. Oak 15 inches in dia., East, 7 feet.

East on 71st mile

10.08 [665 feet], a W. Oak 15 inches in dia.

22.57 [1490 feet], a W. Oak 16 inches in dia.

30.00 [1980 feet], enter swamp

36.72 [2423 feet], a B. Ash 8 inches in dia.

40.00 [2640 feet], leave swamp
53.19 [3510 feet], a W. Oak 18 inches in dia.
80.00 [5280 feet], set 71st mile post from which an Elm 16 inches in dia., N54W, 11 feet, and a W. Ash 15 inches in dia., S 49 ½ E, 25 feet.

East on 72nd mile

19.89 [1312 feet], an Elm 6 inches in dia.
70.00 [4620 feet], enter marsh
80.00 [5280 feet], set 72nd mile post from which a W. Oak 20 inches in dia., N88 ½ W 181 feet, and a W. Oak 15 inches in dia., East 330 feet.

East on 73rd mile

5.00 [330 feet], a W. Oak 15 inches in dia.
22.00 [1452 feet], enter dry prairie
47.00 [3102 feet], leave dry prairie
49.50 [3267 feet], enter marsh
58.00 [3828 feet], leave marsh
80.00 [5280 feet], set 73rd mile post from which a B. Oak 11 inches in dia., S72W, 34 feet, and a B. Oak 20 inches in dia., N66E, 13 feet.

East on 74th mile

22.73 [1500 feet], A B. Oak 6 inches in dia.
47.92 [3163 feet], a Hickory 7 inches in dia.
73.00 [4818 feet], to Fawn River 49 feet wide, S
77.00 [5082 feet], to Fawn River 49 feet wide, N
79.00 [5214 feet], to Fawn River 49 feet wide, S
80.00 [5280 feet], set 74th mile post from which a Y. Oak 9 inches in dia., S10 ½ E, 53 feet, and a W. Oak 9 inches in dia., N84 ½ E, 86 feet.

East on 75th mile

4.29 [283 feet], a Y. Oak 12 inches in dia.
62.52 [4192 feet], a Y. Oak 20 inches in dia.
80.00 [5280 feet], set 75th mile post from which a W. Oak 22 inches in dia., S57W, 28 feet, and a W. Oak 18 inches in dia., N73E, 35 feet.

East on 76th mile

1.14 [75 feet], a W. Oak 18 inches in dia.
28.50 [1881 Feet], a branch of the Fawn River 33 feet wide, a marsh about 396 feet wide on each side.

37.02 [2443 feet], an Ash 8 inches in dia. Oct. 23, 1827
80.00 [5280 feet], set 76th mile post from which a Y. Oak 28 inches in dia., N59W, 8 feet, and a W. Oak 8 inches in dia., S43E, 26 feet.

East on 77th mile

34.00 [2244 feet], a Hickory 3 inches in dia,
52.18 [3444 feet], a W. Oak 8 inches in dia.
80.00 [5280 feet], set 77th mile post from which a W. Oak 14 inches in dia., S4E, 52 feet, and a Hickory 18 inches in dia., N18W, 33 feet.

East on 78th mile

4.83 [319 feet], a W. Oak 6 inches in dia.
37.00 [2442 feet], trail from Ft. Wayne to Nottowasepe
62.00 [4092 feet], a W. Oak 8 inches in dia.
80.00 [5280 feet], set 78th mile post from which a W. Oak 3 inches in dia., S17 ½ E, 3 feet, and a W. Oak 5 inches in dia., N26 ½ E, 32 feet.

East on 79th mile

64.22 [4238 feet], a Hickory 9 inches in dia.
80.00 [5280 feet], set 79th mile post from which a B. Oak 7 inches in dia., S64W, 41 feet, and a Y. Oak 9 inches in dia., N55 ½ E, 48 feet.

East on 80th mile

7.00 [462 feet], enter marsh
24.90 [1643 feet], leave marsh
52.29 [3451 feet], a Y. Oak 10 inches in dia.
66.90 [4415 feet], a W. Oak 12 inches in dia.
80.00 [5280 feet], set 80th mile post from which a W. Oak 15 inches in dia., S7W, 91 feet, and a W. Oak 12 inches in dia., N35W, 123 feet.

East on 81st mile, Variance 5 degrees 10 minutes E

7.88 [520 feet], a Y. Oak 20 inches in dia.
54.18 [3576 feet], a Y. Oak 18 inches in dia.
57.00 [3762 feet], enter marsh
71.41 [4713 feet], a Tamarack 10 inches in dia.
80.00 [5280 feet], set 81st mile post from which a Tamarack 12 inches in dia., S01E, 1 foot, and a Tamarack 10 inches in dia., N20E, 8 feet.

East on 82nd mile

2.70 [178 feet], a Tamarack 6 inches in dia.

15.50 [1023 feet], leave marsh

21.00 [1386 feet], enter marsh

45.00 [2870 feet], Fawn River 40 feet wide

51.50 [3399 feet], leave marsh

51.57 [3404 feet], a W. Oak 12 inches in dia.

73.00 [4818 feet], a B. Oak 15 inches in dia.

80.00 [5280 feet], set 82nd mile post from which a R. Oak 9 inches in dia., S38W, 10 feet, and a R. Oak 10 inches in dia., N22 ½ E, 15 feet.

East on 83rd mile

5.75 [38 feet], a Lynn 16 inches in dia.

21.14 [1395 feet], a Lynn 18 inches in dia.

42.39 [2798 feet], a W. Oak 10 inches in dia.

80.00 [5280 feet], set 83rd mile post from which an Elm 18 inches in dia., N35 ½ E, 8 feet, and a W. Ash 7 inches in dia., S02W, 8 feet.

East on 84th mile

49.94 [3296 feet], a Y. Oak 14 inches in dia.

80.00 [5280 feet], set 84th mile post from which a W. Oak 14 inches in dia., S48W, 41 feet, and a Y. Oak 16 inches in dia., N9W, 236 feet.

East on 85th mile

22.92 [1513 feet], a W. Oak 14 inches in dia.

56.78 [3747 feet], a W. Oak 16 inches in dia.

80.00 [5280 feet], set 85th mile post from which a W. Oak 24 inches in dia., S39 ½ E, 10 feet, and a Y. Oak 18 inches in dia., N68 ½ W. 34 feet.

East on 86th mile

5.50 [363 feet], enter Lakey marsh

8.00 [528 feet], a stream 7 feet wide, S

13.52 [892 feet], leave marsh

14.76 [974 feet], a Y. Oak 15 inches in dia.

49.70 [3280 feet], a Hickory 4 inches in dia.

80.00 [5280 feet], set 86th mile post from which a Hickory 7 inches in dia., S32 ½ E, 58 feet, and a Hickory 7 inches in dia., N85W, 57 feet.

East on 87th mile

32.03 [2114 feet], a Hickory 6 inches in dia.

78.26 [5165 feet], a Hickory 10 inches in dia.

80.00 [5280 feet], set 87th mile post from which a Hickory 14 inches in dia., S52E, 10 feet, and a Hickory 12 inches in dia. N52?, 3 feet.

East on 88th mile

6.79 [448 feet], a W. Oak 4 inches in dia.

46.85 [3092 feet], a Hickory 4 inches in dia.

80.00 [5280 feet], set 88th mile post from which a Hickory 14 inches in dia., N82W, 13 feet, and a R. Oak 5 inches in dia., S15W, 37 feet.

East on 89th mile

26.42 [1744 feet], a Hickory 12 inches in dia.

38.00 [2508 feet], enter Tamarack swamp

77.50 [5115 feet], to Lake, set post from which an Aspen 7 inches in dia., S17E, 13 feet, and an Aspen 7 inches in dia., S62W, 18 feet.

80.00 [5280 feet], 89th mile is in Lake. Oct. 25, 1827

East on 90th mile

All in Lake. Variance 5 degrees 5 minutes E

East on 91st mile

12.40 [818 feet], leave Lake and set post from which a Sycamore 5 inches in dia., N32W, 6 feet, and a Y. Oak 8 inches in dia., S62E, 12 feet.

15.20 [1003 feet], a S. Oak 20 inches in dia.

41.17 [2717 feet], a W. Oak 18 inches in dia.

48.00 [3168 feet], enter marsh

59.50 [3927 feet], leave marsh

69.00 [4554 feet], enter marsh

77.00 [5082 feet], leave marsh

80.00 [5280 feet], set 91st mile post from which a W. Oak 9 inches in dia., S88W, 8 feet, and a W. Oak 10 inches in dia., N88 ½ E., 17 feet.

East on 92nd mile

11.57 [764 feet], a W. Oak 10 inches in dia.

26.00 [1716 feet], Lake, lies mostly NW & SW. Set post from which a W. Oak 20 inches in dia., S23 ½ W, 104 feet, and a W. Oak 12 inches in dia., N70 ½ W, 118 feet.

42.37 [2796 feet], Leave Lake and set a post from which a Tamarack 12 inches in dia., S19E, 174 feet, and a W. Oak 12 inches in dia., N88 ½ E, 334 feet.

61.09 [4032 feet], a W. Oak 12 inches in dia.

80.00 [5280 feet], set 92nd mile post from which a W. Oak 12 inches in dia., S8E, 16 feet, and a W. Oak 18 inches in dia., N80E, 23 feet.

East on 93rd mile

11.50 [759 feet], Cranberry Marsh

17.50 [1155 feet], leave marsh

32.80 [2165 feet], a W. Oak 14 inches in dia.

46.70 [3082 feet], a Y. Oak 15 inches in dia.

80.00 [5280 feet], set 93rd mile post from which a Y. Oak 18 inches in dia., S75 ½ E, 22 feet, and a W. Oak 14 inches in dia., North, 10 feet.

East on 94th mile

7.00 [462 feet], a Trail N & S

7.95 [525 feet], a W. Oak 12 inches in dia.

25.50 [1683 feet], a Trail from Coldwater to Ft. Wayne

47.23 [3117 feet], a W Oak 20 inches in dia.

65.50 [4323 feet], to a Lake and set a post from which a W. Oak 18 inches in dia., N71W, 34 feet and a W. Oak 16 inches in dia., S57W, 8 feet.

80.00 [5280 feet], 94th mile post in Lake.

East on 95th mile

52.00 [3432 feet], leave Lake and set post from which a Lynn 9 inches in dia., N4W, 35 feet and no other.

60.00 [3960 feet], a Trail N & S

69.38 [4579 feet], a W. Oak 5 inches in dia.

80.00 [5280 feet], set 95th mile post from which a W. Oak 24 inches in dia., S24W, 34 feet, and a W. Oak 9 inches in dia., N64 ½ E, 72 feet.

East on 96th mile

9.32 [615 feet], a W. Oak 14 inches in dia.

28.49 [1880 feet], a W. Oak 8 inches in dia.

63.00 [4158 feet], enter swamp

71.00 [4686 feet], leave swamp

80.00 [5280 feet], set 96th mile post from which a W. Oak 12 inches in dia., S29 ½ W, 8 feet, and a W. Oak 12 inches in dia., N50W, 7 feet.

East on 97th mile

5.00 [330 feet], enter Tamarack Swamp
22.00 [1452 feet], leave swamp
29.34 [1936 feet], a Y. Oak 14 inches in dia.
37.00 [2442 feet], enter marsh
50.50 [3333 feet], leave marsh
68.50 [4521 feet], enter marsh
80.00 [5280 feet], set 97th mile post on edge of marsh, a W.Oak 12 inches in dia., S15E, 30 feet, and a W. Oak 12 inches in dia., N81 ½ E, 33 feet.

East on 98th mile

1.78 [117 feet], a W. Oak 6 inches in dia.
29.15 [1924 feet], a W. Oak 14 inches in dia.
30.00 [1980 feet], enter marsh Oct.26, 1827. Variance 4 degrees 55 minutes E.
53.50 [3531 feet], a stream 5 feet wide W
65.00 [4290 feet], leave marsh
65.78 [4341 feet], a W. Oak 8 inches in dia.
80.00 [5280 feet], a W. Oak 36 inches in dia., for 98th mile post

East on 99th mile

5.89 [389 feet], a W. Oak 34 inches in dia.
25.43 [1678 feet], a W. Oak 30 inches in dia.
67.43 [4450 feet], a W. Oak 8 inches in dia.
70.00 [4620 feet], enter marsh
80.00 [5280 feet], set 99th mile post from which a W. Oak 14 inches in dia., N13W 161 feet and no other

East on 100th mile

2.00 [132 feet], leave marsh
6.25 [412 feet], a W. Oak 14 inches in dia.
24.46 [1614 feet], a Hickory 15 inches in dia.
44.88 [2962 feet], a W. Oak 16 inches in dia.
63.50 [4191 feet], a W. Oak 30 inches in dia.
80.00 [5280 feet], set 100th mile post from which a W. Oak 15 inches in dia., S5W, 32 feet, and a Y. Oak 15 inches in dia., N17W, 61 feet.

East on 101st mile

12.27 [810 feet], a W. Oak 30 inches in dia.
55.77 [3681 feet], a W. Oak 18 inches in dia.

80.00 [5280 feet], set 101st mile post from which a Y. Oak 18 inches in dia., S69W, 16 feet, and a W. Oak 12 inches in dia., N23 ½ W, 16 feet.

East on 102nd mile

24.80 [1637 feet], a W. Oak 18 inches in dia.

38.76 [2558 feet], a Y. Oak 16 inches in dia.

67.48 [4454 feet], a W. Oak 30 inches in dia.

78.50 [5181 feet], enter marsh

80.00 [5280 feet], set 102nd mile post from which a W. Oak 10 inches in dia., East 348 feet, and a W. Oak 14 inches in dia., S89 ½ W, 100 feet.

East on 103rd mile

4.50 [297 feet], leave marsh

22.61 [1492 feet], a Y. Oak 18 inches in dia.

42.20 [2785 feet], a W. Oak 12 inches in dia.

78.00 [5148 feet], enter marsh

80.00 [5280 feet], set 103rd mile post from which a W. Oak 28 inches in dia., N77W, 136 feet and no other.

East on 104th mile

1.50 [99 feet], to marshy stream 33 feet wide NE

5.00 [330 feet], leave marsh

9.50 [627 feet], a Hickory 20 inches in dia.

13.00 [858 feet], enter marsh

24.00 [1584 feet], leave marsh

27.16 [1792 feet], a W. Oak 18 inches in dia.

62.00 [4092 feet], enter marsh and Tamarack swamp

68.50 [4521 feet], a Tamarack 10 inches in dia.

71.00 [4686 feet], leave marsh

80.00 [5280 feet], set 104th mile post from which a W. Oak 24 inches in dia., S81 ¾ W, 95 feet, and a W. Oak 16 inches in dia., N39 ½ W, 80 feet.

East on 105th mile

4.50 [297 feet], enter marsh

10.00 [660 feet], a marshy stream 4 feet wide N

23.00 [1518 feet], leave marsh

23.98 [1583 feet], a W. Oak 14 inches in dia.

46.27 [3054 feet], a W. Oak 30 inches in dia.

49.55 [3270 feet], true NE corner of state for [*] [Retracement survey by the State Line ad hoc Volunteer Survey Study Committee disclosed this distance was 48.55 chs (3204ft)]

53.90 [3557 feet], a W. Oak 20 inches in dia.

61.00 [4026 feet], Cranberry marsh

70.00 [4620 feet], leave marsh

79.00 [5214 feet], Tamarack swamp

80.00 [5280 feet], set 105th mile post from which a Maple 12 inches in dia., N3 ½ W, 33 feet, and a Tamarack 10 inches in dia., S81 ½ E, 12 feet.

[*] True NE corner of Indiana, at 49.55 on 105th mile from Lake Michigan. For Bearings see end of E. Boundary of Indiana [Retracement survey by the State Line ad hoc Volunteer Survey Study Committee disclosed this distance was 48.55 chs (3204ft)]

FIELD NOTES OF THE EAST LINE OF INDIANA – 1827:

East Boundary of Indiana [1827]

[This entire set of notes is the transcribed copy made by Stueben County, Indiana in the 1870's. They are in the office of the Stueben County Surveyor in Angola, Indiana. Copies of the notes were provided to the border counties, being copied from the original survey notes made by E. P. Kendrick. They are certified as being true copies and dated. The two miles immediately following below are a copy of notes from William Harris' 1817 survey of the 1ST Principal Meridian, being the Indiana-Ohio boundary and the state boundary as proscribed by the Northwest Ordinance of 1787 and which appear in these notes of the "East Boundary of Indiana." This set was transcribed into digital format by J. N. Owens in 2005 from the cited copy. All items in brackets were added in 2005 for clarity. Items in braces {} were added from Harris' 1817 Survey Notes cited from Albert White's *Initial Points* book.]

{160th mile post, (obser 4°26 Oct 17 1817 run 4°20). [Harris used variation of 4°20']}

North 172^d Mile [on 1ST Principal Meridian]

- 13.00 Enter Swamp.
- 25.00 Leave " .
- 56.00 Enter " .
- 61.00 Leave " .
- 80.00 Set 172^d Mile Post.
 - a Beech 9 in d.tr S.52E. 25 lk dist &
 - a W. Oak 20 " " N.17W.20 " "

North 173^d Mile

- 50.00 Enter wet prairie.
- 59.00 Leave " " .
- 64.00 Enter " " .
- [77.23 "Commenced at the N. W. Corner of Ohio (old Corner) which is a Post."*

This is on Harris' random line run due East from the southern extreme of Lake Michigan, as directed by Surveyor General Edward Tiffin, At 130 miles + 71.42 chains from the southern extreme of Lake Michigan (to the west) it intersects the W. boundary of Ohio at 172 miles + 77.23 chains north on 1ST Principal Meridian. The North Boundary of Indiana is to be 10 miles north of this 'Ordinance' line. Kendrick was extending this line north to intersect the North Boundary of Indiana which he had just completed running.]
- 78.00 Leave " " .
- 80.00 Set 173^d Mile Post [To this point it appears Kendrick was copying Harris' notes to the point of intersection described below since he had a copy of Harris' 1817 survey notes with him, furnished by Sur. Gen. Tiffin.]

***Continued by E. P. Kendrick in 1827:**

Commenced at the N. W. Corner of Ohio [old Corner] which is a Post from which [This post "(old Corner)" must have been one set by Harris in 1817 to be the NW Corner of Ohio as defined and proscribed by the Northwest Ordinance of 1787 but is not the NW Corner as defined in the Ohio Constitution adopted in 1802; see below. Although the North Boundary of Ohio was an unsettled issue until 1836, from this line [Harris line due east] north, those lands in Ohio to the east of the 1ST Principal Meridian, are laid out south to this line from the Michigan Meridian (and Base Line), beginning in 1818 per the direction of the President Monroe. The line (Harris line due east) was not part of the Indiana Public Land surveys from the 2ND Principal Meridian and presumably nothing of it survives or has been perpetuated for any reason within the State of Indiana.]

a W. Oak 20 in d.tr N.45E. 71 lk dist &
a Do 8 " " N.73W. 5 " "
Var. 4°35'E Thence

[indicates a Polaris observation by Kendrick to determine variation or declination. Interpreting Harris' variation for here in 1817 gives 4°22'E or 4°18'E, for comparison.]

North 1st Mile (174th) [on 1ST Principal Meridian]

[0.00 Start of measurements by Kendrick for I-M Line, at 172 miles + 77.23 chains on the 1ST Principal Meridian, a -2.77 chain difference from Harris' Mile Post stationing.]

2.77 Passed Mr. Harris 173^d Mile Post.

4.41 a W. Oak 7 in. d.

76.64 a W. Ash 10 " "

80.00 Set Mile Post [Mile Post 1, on I-O Line] from which

a Beech 6 in d.tr S.45E. 29 lk dist &

a Do 12 " " S.46W. 34 " "

S. half poor, very brushy & swampy. N. half tolerable good. Beech, Ash &c.

North 2^d Mile (175th)

.95 a W. Oak 28 in. d.

64.20 a Stream 10 . W.

80.00 Set Mile Post [Mile Post 2, on I-O Line] from which

a W. Ash 16 in d.tr S.89E. 14 lk dist &

a Beech 24 " " N.89W. 25 " "

Land 2nd Rate - Beech, Ash, Oak, Elm &c.

North 3^d Mile (176th)

6.92 a W. Ash 5 in. d.

80.00 Set Mile Post [Mile Post 3, on I-O Line] from which

a Beech 26 in d.tr N.161/2 E. 41 lk dist &
 a Do 7 " " S. 7E. 14 " "
 Land 2nd Rate rolling - Beech, Ash &c.

North 4th Mile (177th)

1.50 a Stream 12 . E.
 3.65 a Hickory 12 in. d.
 80.00 Set Mile Post [Mile Post 4, on I-O Line] fr. which
 a Beech 12 in d.tr S.20 E. 16 lk dist &
 a Do 12 " " N.421/2 W. 30 " "
 Land 2nd Rate rolling - Beech, Ash &c.

North 5th Mile (178th) {variation 4°12 observation Oct. 18, 1817}

.97 a Beech 14 in. d.
 80.00 Set Mile Post [Mile Post 5, on I-O Line] from which
 a Beech 20 in d.tr S.291/2 W. 15 lk dist &
 a Do 20 " " N.29 1/2E. 82 " "
 Rolling Rich Land.

North 6th Mile (179th)

1.40 a Sugar 6 in. d.
 24.64 To Mr. Harris' Corner, established at N. W. Cor.
 of Ohio [last Corner].

["[last Corner]" means last post set by Harris when running the 1ST Principal Meridian in 1817. This is the west end of the North Boundary of Ohio per the Boundary Proviso Line in the Ohio constitution which became the line finally accepted as the Ohio-Michigan boundary. It now a buried granite post with a granite witness post 20 ft. east. The witness post was tied into the NGRS in 1995 with the other Boundary Posts of the 1915 retracement survey of the Ohio-Michigan line.

LATITUDE	LONGITUDE	AREA	CONVERGENCE	SCALE FACTOR
DD MM SS.sssss	DDD MM SS.sssss		DD MM SS.ss	
41 41 46.05308	084 48 21.49952	MI S	-0 17 56.26	1.0001200
North[Meters]	East[Meters]	Datum	Zone	
21881.651m	3963426.3399m	NAD83	2113	
[71790.194 lft	13003367.253 lft]	[2007]]	

{at 178 miles + 21.87 chains on the 1ST Principal Meridian} [beginning of I-M Line]*
 32.50 [2145 feet] a Stream 6 . E.
 80.00 [5280 feet] an Ironwood 10 in. d.tr for Mile Post [Mile Post 6, on I-M Line].

Land &c Same.

North 7th Mile. (180th) [Mileage for 1ST Principal Meridian]

*[From this point (at 178 miles + 21.87 chains) this line is an extension of the 1ST Principal Meridian but it may not be the 1ST Principal Meridian, only the I-M Boundary. The lands in Ohio in this area are laid out from the Michigan Meridian, as noted above.]

2.30 [152 feet] a Beech 24 in. d.
76.00 [5016 feet] a Stream 4 lks [2.5ft] wide, cr . E.
80.00 [5280 feet] Set Mile Post [Mile Post 7, on I-M Line] from which
a Beech 9 in d.tr S.62 E. 9 lk dist & [6 ft]
a Do 32 " " S.89 W. 16 " " [11ft]
Land rolling & 2nd Rate - Beech, Ash &c.

North 8th Mile. (181th)

6.02 [397feet] a W. Oak 24 in. d.
46.50 [3069feet] a Stream 6 . E.
70.00 [4620feet] a Creek 14 . E.
80.00 [5280feet] Mile Post [Mile Post 8, on I-M Line] from which
a Beech 12 in d.tr S.30 E. 25 lk dist & [16.5ft]
a Do 7 " " N. 3 W.21 " " [14ft]
Land &c Same.

North 9th Mile. (182^d)

3.77 [249feet] a Beechk 8 in. d.
51.50 [3399feet] To a lake & set Post
a B. Walnut 26 in d.tr S.16 E. 39 lk dist & [26ft]
a Sycamore 12 " " N.78 W. 22 " " [14.5ft]
78.00 [5148feet] Leave lake & set Post
a Y. Oak 14 in d.tr N.88 E. 40 lk dist & [26ft]
a Do 14 " " N.13 E. 56 " " [37ft]
80.00 [5280feet] Set Mile Post [Mile Post 9, on I-M Line] from which
a Y. Oak 12 in d.tr S.40 1/2 E. 39 lk dist & [26ft]
a Do 9 " " S.80 W. 15 " " 10ft]
Land &c Same.

North 10th Mile. (183^d)

.90 [59.4feet] a Y. Oak 20 in. d.
64.21[4238feet] Intersected (N & W. line) Northern Bdy of Indiana

on 105th Mile at 30 c. 45 l. W. of 105 Mile Post. [Retracement survey by the State Line ad hoc Volunteer Survey Study Committee disclosed this distance was 31.55 chs (20764ft)]
[at 104 miles + 49.55 chains on the North Boundary of Indiana. Retracement survey by the State Line ad hoc Volunteer Survey Study Committee disclosed this distance was 48.55 chs (3204ft)]

Establish N.E. Corner of Indiana, set

Post 6 in. square of W. Oak, from which[*]

	a W. Oak	16 in d.tr	South .	10	lk dist &	[6.6ft]
	a Y.	" 14 "	N.83 1/2 W.	42	" "	[27.7ft]
	a W.	"10 "	S.78 1/3 E.	36 1/2 lk	" "	[24.1ft]
	a W.	"14 "	N. 8 1/2 W.	37	" "	[24.4ft]
[a W. Ash	16 "	N.62 1/3 E.	25	" "	[16.5ft]
	a W. Oak	14 "	N.75 1/3 E.	30	" "	[19.8ft]
	a Do	13 "	S.62 2/3 E.	49	" "	[32.3ft]
	a Do	8 "	S.49 1/2 E.	4	" "	[2.6ft]

Last 10 Miles surveyed by

E. P. Kendrick D.S.

[E. Boundary ends at 4 miles 39.57 chains [2612ft] north of the NW Corner of Ohio]

[*Kendrick obviously thought this corner was very important. He described the post in detail and took 8 bearing trees rather than the typical two for all the other Mile Posts. Also, he noted the bearings to a fraction of a degree and distances to the nearest half link.]