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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

JUE

ORIGINAL
FIELD NOTES

639

OF THE

DEPENDENT RESURVEY AND EXTENSION SURVEY

INCLUDING LANDS ERRONEOUSLY OMITTED

FROM THE ORIGINAL SURVEY,

BORDERING ON SHAY LAKE,

IN SECTION 5,

TOWNSHIP 39 NORTH, RANGE 12 EAST,

Of the FOURTH PRINCIPAL Meridian,

In the State of WISCONSIN

EXECUTED BY

HAL D. CRAIG, SURVEYOR,

LESTER S. MANN, PUBLIC LAND SURVEYOR

Under special instructions dated July 22, 1939, which provided
for the surveys included under Group No. 17, bearing the approval of the
Commissioner of the General Land Office under date of July 31, 1939
and assignment instructions dated August 7, 1939
August 24, 1939

Survey commenced August 21, 1939

Survey completed October 23, 1939

FIELD NOTES

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Township 39 North, Range 12 East

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Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

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The boundaries of T. 39 N., R. 12 E., 4th Prin. Mer., Wisconsin, were surveyed by Alfred Millard, Deputy Surveyor, in 1858. The township was subdivided by William E. Daugherty, Deputy Surveyor, in 1859. The official survey is represented on the township plat approved February 4, 1860. The following field notes are those of a dependent resurvey, or reestablishment of the original boundaries of Secs. 5 and 6 of the township, and the extension survey including public lands bordering on Shay Lake in Sec. 5, which were erroneously omitted from the original survey.

The resurvey is a complete restoration of the original boundaries of Secs. 5 and 6, in the true original positions, according to the best available evidence of the original survey.

Before reconstructing or restoring the corners, the lines of the original survey were retraced and search was made for evidence of the original corner posts and bearing trees and other calls of the field notes. When duly identified or restored, the corner positions were remonumented and new bearing trees marked. After completing the retracements, the true lines were duly run and marked through the timber. In order to simplify the record, only the true line notes are supplied here, which refer to the completed resurvey.

A considerable area of land bordering on Shay Lake in Sec. 5 was omitted from the original survey by reason of the grossly erroneous character of the reported original meanders of the lake in that section. The land so omitted has the status of unsurveyed public land. The original meander courses adjacent to the omitted lands have been established as a fixed boundary, with the directions and lengths of the several courses adjusted to the record of the original survey.

The survey was executed with a light mountain solar transit made by Buff and Buff, Serial No. 14238, constructed in accordance with the standard specifications of the General Land Office. The horizontal circle has a diameter of 4½ ins., with two double opposite verniers reading to single minutes; the vertical circle has a diameter of 4 ins., with one double vernier reading to single minutes; the telescope has fixed stadia wires, ratio 1:132, with a focal constant of 1.2 links. The instrument is equipped with the improved Smith Solar attachment, radius of latitude arc 2½ ins., and of declination arc 3½ ins., each with verniers reading to single minutes. The instrument was in good adjustment, having been placed in satisfactory condition prior to beginning the survey.

The survey was executed by the transit angle method turned from the true meridian or by the solar transit method. The measurements were made with a Lallie steel tape, 5 chains in length, graduated every link for the first 100 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a Lufkin Standard tape and found correct. The measurements were made on the slope, and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record.

August 21, 1939, at my field office headquarters in Eagle River, Wisconsin, Sec. 32, T. 40 N., R. 10 E., 4th Prin. Mer., Wis., in latitude 45° 56' 45" N., and longitude 89° 13' W., I make an hour angle observation of Polaris, east of the meridian, two each with the telescope in direct and reversed positions reading the horizontal deflection angle from the east edge of a chimney on a club house to the north about 30 chains distant. The watch time of the observation was checked with a Western Union telegraph clock and found correct.

Watch time of observation	----- 7h 8m 30s p.m.
Mean horizontal angle from reference point	-----
to Polaris	----- 10° 12' 15"
Azimuth of Polaris	----- 1° 07' 15"
Mean true bearing to reference point	----- N. 9° 05' W.

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Every 30 minutes from 7 to 10:30 a.m. and from 1:30 to 5 p.m., I make proper settings on the arcs of the solar attachment and ascertain that the resulting orientation of the instrument, when compared with the meridian established by Polaris observation, has a maximum error of less than 1' 30".

I repeat the tests of the arcs daily by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

Dependent Resurvey of the North Boundary of Section 5, and the North and West Boundary of Section 6, T. 39 N., R. 12 E., as Originally Surveyed by Alfred Millard, Deputy Surveyor, in 1858, and a Portion of the Subdivisional Lines of said Township, as Originally Surveyed by William E. Daugherty, Deputy Surveyor, in 1859.

Survey commenced at the point for the cor. of secs. 4, 5, 32, and 33, on the N. Bdy. of the township, as determined from the remains of the original bearing trees.

At the point for the cor.,

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the cor. of secs. 4, 5, 32, and 33, with a brass tablet, 3 1/2 ins. diam., 3 in. stem, embedded in top and mkd.,

T 40 N R 12 E

S 32 | S 33

S 51 | S 4

T 39 N R 12 E

1939

from which,

The remains of the original bearing trees,

A hemlock, 18 ins. diam., bears N. 35° E., 49 lks.

dist., mkd. T 40 N R 12 E S 33 B T 1

A elm stump hole, bears S. 35° E., 30 lks. dist.

The points for the SW. and NW. trees fall in a graded

road, and the NW. tree is in a line with the SW. tree.

And new bearing trees,

A sugar maple, 14 ins. diam., bears N. 82° E., 34

lks. dist., mkd. T 40 N R 12 E S 33 B T 1

A hemlock, 7 ins. diam., bears S. 17 1/2° E., 55 lks.

dist., mkd. T 39 N R 12 E S 33 B T 1

A sugar maple, 12 ins. diam., bears S. 65 1/2° W.,

85 lks. dist., mkd. T 39 N R 12 E S 33 B T 1

A sugar maple, 24 ins. diam., bears N. 85 1/2° W.,

73 lks. dist., mkd. T 40 N R 12 E S 32 B T 1

A tamarack stake, 6 ins. X 6 ins. firmly set with

2 ft. of it above ground, mkd. S. 45° S 32 S 33, bears

S. 20° E., 17 lks. dist.

Thence,

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
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Chains	
	N. 89° 47' W., bet. secs. 5 and 32, marking and blazing the true line. Over rolling land, through timber and undergrowth, along the original blazed line.
0.20	A graded and graveled road, bears N. and S.
17.10	A cleared right-of-way for a logging R.R., bears N. 50° E., and S. 50° W.
39.86	Proportionate distance; there is no remaining evidence of the original corner post or bearing trees. Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd. $\begin{array}{r} S\ 32 \\ \frac{1}{4} \\ S\ 5 \\ 1939 \end{array}$ from which, A hemlock, 6 ins. diam., bears N. $23\frac{1}{2}^{\circ}$ E., 22 lks. dist., mkd. $\frac{1}{4}$ S 32 B T. A hemlock, 24 ins. diam., bears S. 4° E., 24 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
41.20	A cleared right-of-way for a logging R.R., bears N. 50° E., and S. 50° W.
59.79	Proportionate distance. Set an iron post, 3 ft. long, 1 in. diam., 29 ins. in the ground, for the W $1/16$ sec. cor. of secs. 5 and 32, with brass cap mkd. $\begin{array}{r} S\ 32 \\ W\ 1/16 \\ S\ 5 \\ 1939 \end{array}$ from which, A hemlock, 7 ins. diam., bears S. $31\frac{1}{2}^{\circ}$ E., 36 lks. dist., mkd. W $1/16$ S 5 B T. A hemlock, 10 ins. diam., bears N. $1\frac{1}{2}^{\circ}$ E., 69 lks. dist., mkd. W $1/16$ S 32 B T.
79.72	The point for the cor. of secs. 5, 6, 31, and 32, as determined from the remains of the original bearing trees. Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the cor. of secs. 5, 6, 31, and 32, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd. $\begin{array}{cc} T\ 40\ N\ R\ 12\ E \\ S\ 31 & S\ 32 \\ S\ 6 & S\ 5 \\ T\ 39\ N \\ 1939 \end{array}$ from which,

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
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Chains	
	The remains of the original bearing trees, A sugar maple, 20 ins. diam., bears S. 70° E., 45 lks. dist., has old scar from a blaze and parts of scribe marks.
	A large upturned pile of earth, bears S. 40° W., 10 lks. dist. (No trace of tree was found.)
	A splintered hemlock stump, 20 ins. diam., bears N. 69° W., 25 lks. dist., mkd. T 40 N 12 E B T.
	And new bearing trees, A maple, 8 ins. diam., bears N. 52½° E., 71 lks. dist., mkd. T 40 N R 12 E S 32 B T.
	A maple, 10 ins. diam., bears S. 60½° E., 41 lks. dist., mkd. T 39 N R 12 E S 5 B T.
	A hemlock, 18 ins. diam., bears S. 19½° W., 75 lks. dist., mkd. T 39 N R 12 E S 6 B T.
	A maple, 8 ins. diam., bears N. 64½° W., 73 lks. dist., mkd. T 40 N R 12 E S 31 B T.
	Land, rolling. Soil, sandy clay and loam with some gravel and stone, 2nd rate. Timber, maple, hemlock, birch, basswood, poplar, pine, oak, and ash; undergrowth, young trees, hazel brush, and briar.
	S. 89° 55' W., bet. secs. 6 and 31.
	Over rolling land, through timber and undergrowth.
39.68	Proportionate distance; there is no remaining evidence of the original corner post or bearing trees.
	Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground for the ¼ sec. cor., with brass tablet, 3½ ins. diam., 3 ins. stem, embedded in top and mkd.,
	S 31
	S 6
	1939
	A birch, 11 ins. diam., bears N. 1½° E., 41 lks. dist., mkd. T 31 S 31 B T.
	A red oak, 16 ins. diam., bears S. 62° E., 12 lks. dist., mkd. T 31 S 6 B T.
43.60	Enter an open pasture, bears NW. and SE.
46.40	Reenter timber and undergrowth, bears NW. and SE.
57.00	Timber becomes mostly poplar, birch, and young maple.
62.40	Enter grass and alder marsh, bears N. and S.
65.40	Reenter timber and undergrowth, bears NE. and S. 20° W.
75.60	Enter an open, wet marsh, bears NE. and SW.

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
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C15

Chains	
76.08	The cor. of Ts. 39 and 40 N., Rs. 11 and 12 E., which is a 2-inch iron corner post in a concrete monument, set, marked, and witnessed as described in the official record of the Dependent Resurvey of T. 40 N., R. 11 E.
	Land, rolling. Soil, sandy clay and muck with some gravel and rock, 2nd rate. Timber, maple, hemlock, birch, basswood, poplar, pine, oak, and ash; undergrowth, young trees, hazel brush, alder, and brier.
	I proceed to the true point for the original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., which is marked by a local pine stake 5 ins. square, 30 ins. above ground, marked with a scribe $\frac{1}{4}$ S on the S. face, S 18 on the E. face, and S. 13 on the W. face.
	In place of the local stake, Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground for the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, with a brass tablet $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.
	Continue through pine along lake shore.
	The S. shore of Sec. 13/5 18 The original monument cor. post or bearing trees. 1939 from which
	The remains of the original bearing trees, A pine snag, 12 ins. diam., bears S. 28° E., 21 lks. dist., mkd. by original blazes; scribe marks burned away.
	A plain stump hole, bears N. 58° W., 39 lks. dist. And new bearing trees,
	A jack pine, 5 ins. diam., bears S. 16 $\frac{1}{2}$ ° E., 50 lks. dist., mkd. $\frac{1}{4}$ S 18 B T.
	A Norway pine, 12 ins. diam., bears S. 80° W., 66 lks. dist., mkd. $\frac{1}{4}$ S 13 B T.
	Reset pine post alongside corner.
	Thence; N. 0° 03' E., between secs. 13 and 18. ($\frac{1}{2}$ mile).
	Over gently rolling sandy land through heavy young timber and undergrowth, along an old cut line; marking and blazing true line.
37.80	Top of steep bank, 20 ft. high, bears E. and W.
38.50	Creek 15 lks. wide, 1 ft. deep, flows SW. through dense willow undergrowth.
39.05	Proportionate distance; there is no remaining evidence of the original cor. post or bearing trees. Intersect the local cor. of secs. 7, 12, 13, and 18, which is a pine post, 6 ins. square, firmly set, 4 ft. above marked with scribe 7, 12, 13, and 18 in the proper quadrants. This cor. was not reestablished.

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Chains	
	Land, gently rolling. Soil, sandy. Timber, pine, poplar, birch, balsam; undergrowth, young timber, and willow.
	N. 0° 03' E., bet. secs. 7 and 18. Over level creek bottom land, through dense willow undergrowth.
2.00	Leave creek bottom, bears NE. and SW., enter rolling sandy land, thence through heavy young timber and dense undergrowth.
23.00	An unimproved road bears SE. to highway and NW. to Seven Mile Lake.
27.00	Leave rolling land, enter spruce swamp, bears NE. and SW.
35.50	Leave swamp, enter rolling sandy land, bears NW. and SE.
39.05	Proportionate distance, there is no remaining evidence of the original $\frac{1}{2}$ sec. cor. post or bearing trees. This corner was not reestablished. Continue through pine grove along lake shore.
41.00	The S. shore of Seven Mile Lake. There is no remaining evidence of the original meander cor. post or bearing trees. Thence over lake by careful triangulation.
78.10	Proportionate distance: The point for the corner of secs. 1, 6, 7, and 12, falls in Seven Mile Lake. Land, gently rolling. Soil, sandy and sandy clay. Timber, poplar, pine, birch, spruce, and balsam; undergrowth, young timber, willow and hazel.
	N. 0° 03' E., between secs. 1 and 6. Over Seven Mile Lake.
37.59	Leave lake at sandy beach bears NW. and SE. Set temporary stake at true point for a meander corner. The bank shows evidence of erosion; there is no remaining evidence of the original corner post or bearing trees. Ascend sandy cut bank.
38.05	Top of bank, 25 ft. above Lake. Set a concrete monument, 2 ft. long, 6 ins. diam., 18 ins. in ground for witness meander cor. of secs. 1 and 6, with a brass tablet 3½ ins. diam., 3 in. stem, embedded in top and mkd.
	T 39 N R 12 E
	S 1 S 6 S M C

1939

from which,

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Chains

A Norway pine, 6 ins. diam., bears S. $84\frac{1}{2}^{\circ}$ E., 119 lks. dist.,
mkd. W C T 39 N R 12 E S 6 M C B T.

A Norway pine, 5 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ W., 61 lks. dist.,
mkd. W C T 39 N R 11 E S 6 M C B T.

Thence over sandy land, through heavy timber.

39.05 The point for the original $\frac{1}{4}$ sec. cor., as determined from the remains
of the original bearing trees is marked by a local cedar stake,
broken off at ground level, marked with a scribe, $\frac{1}{4}$ S.
in place of stake;

Set a concrete monument, 2 ft. long, 6 ins. diam., 18 ins. in the
ground for the $\frac{1}{4}$ sec. cor., with brass tablet, $3\frac{1}{2}$ ins. diam.,
3 in. stem embedded in top and mkd.

$\frac{1}{4}$

S 1 | S 6

1939

from which

The remains of the original bearing trees;

A rotted oak stump, bears N. 60° E., 25 lks. dist.

A Norway pine stump, 20 ins. diam., cut 3 ft. above
ground, bears N. 53° W., 30 lks. dist., mkd. $\frac{1}{4}$ S B T.

And local bearing tree;

A black oak, 8 ins. diam., growing in center of the original
oak stump bears N. 60° E., 25 lks. dist., mkd. $\frac{1}{4}$ S B T.

And new bearing tree;

A white pine, 5 ins. diam., bears S. $50\frac{1}{4}^{\circ}$ W., 31 lks. dist.,
mkd. $\frac{1}{4}$ S 1 B T.

N. $0^{\circ} 03' 1''$ E., between secs. 1 and 6, (N. $\frac{1}{2}$ mile).

Over gently rolling land, through heavy timber and dense undergrowth.

6.62 A graded and graveled road, bears N. 48° W., and S. 48° E.

11.20 An unimproved road, bears E. and W.

19.30 Leave upland, enter spruce, cedar, and balsam swamp, bears NE. and SW.

28.40 Leave swamp, enter dense young timber on sandy upland, bears NW. and
SE.

37.30 Enter dead timber in flooded swamp, bears NE. and SW.

37.79 The corner of Tps. 39 and 40 N., Rgs. 11 and 12 E.

Land, gently rolling and level swamp.

Soil, sandy, sandy clay, and swamp muck.

Timber; pine, poplar, birch, oak, balsam, cedar, and spruce; under-
growth young timber, cherry, willow and alder.

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T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains	
	From the cor. of secs. 4, 5, 32, and 33, on the N. Bdy. of the township.
	S. 3° 04' E., bet. secs. 4 and 5, marking and blazing the true line.
	Over rolling land, through timber and undergrowth, along the E. side of a graded and graveled road.
11.56	A logging R.R. spur, bears N. 38° E., and S. 38° W.
21.72	A graded and graveled road, bears N. 50° E. and S. 50° W. The intersection of roads bearing N., N. 50° E., and S. 50° W., bears S. 50° W., 1.32 chs. dist.
31.45	A logging R.R. spur, bears N. 70° E. and S. 70° W.
36.64	Proportionate distance; there is no remaining evidence of the original corner post or bearing trees.
	Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass tablet, $3\frac{1}{2}$ ins. diam., 3 ins. stem, embedded in top and mkd.,
	$\frac{1}{4}$
	S 5 S 4
	1939
	from which
	A sugar maple, 16 ins. diam., bears N. 40° E., 56 lks. dist., mkd. $\frac{1}{4}$ S 4 B T.
	A sugar maple, 28 ins. diam., bears S. 72° W., 39 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
58.80	Enter semi-swamp, timber hemlock, cedar, spruce, and balsam, with no definite boundary.
75.80	Proportionate distance; there is no remaining evidence of the original corner post or bearing trees.
	Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the cor. of secs. 4, 5, 8, and 9, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.,
	T 39 N R 12 E
	S 5 S 4
	S 8 S 9
	1939
	from which,
	A cedar, 5 ins. diam., bears N. 40 $\frac{1}{2}$ ° E., 58 lks. dist., mkd. T 39 N R 12 E S 4 B T.
	A cedar, 5 ins. diam., bears S. 25° E., 34 lks. dist., mkd. T 39 N R 12 E S 9 B T.
	A hemlock, 10 ins. diam., bears S. 21° W., 50 lks. dist., mkd. T 39 N R 12 E S 8 B T.
	A cedar, 6 ins. diam., bears N. 49 $\frac{1}{2}$ ° W., 23 lks. dist., mkd. T 39 N R 12 E S 5 B T.
	Land, rolling.
	Soil, sandy clay and loam with some gravel and stone, 2nd rate.

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Chains

Timber, maple, hemlock, birch, poplar, pine, oak, spruce, balsam,
cedar, and ash; undergrowth, young trees, hazel brush, and brier.

From the cor. of secs. 4, 5, 8, and 9, the cor. of secs. 3, 4, 9, and
10, as determined from the remains of an original bearing tree,
bears N. 89° 10' E., 81.22 chs. dist.
Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the
ground, for the cor. of secs. 3, 4, 9, and 10, with brass tablet,
3½ ins. diam., 3 in. stem, embedded in top and mkd.,

T 39 N R 12 E

S 4 S 3

S 9 S 10

1939

from which

The remains of the original bearing tree,

A cedar, 14 ins. diam., bears S. 60° W., 21 lks. dist.,
has plain scribe mark "T" and parts of other marks.

A spruce stump, 10 ins. diam., bears S. 61° E., 11 lks.
dist. (Probably the stump of original tree).

And new bearing trees,

A birch, 10 ins. diam., bears N. 61° E., 38 lks. dist.,
mkd. T 39 N R 12 E S 3 B T.

A hemlock, 8 ins. diam., bears S. 72° E., 58 lks. dist.,
mkd. T 39 N R 12 E S 10 B T.

A hemlock, 10 ins. diam., bears S. 12½° W., 42 lks. dist.,
mkd. T 39 N R 12 E S 9 B T.

A cedar, 10 ins. diam., bears N. 17° W., 19 lks. dist.,
mkd. T 39 N R 12 E S 4 B T.

From the cor. of secs. 4, 5, 8, and 9, the cor. of secs. 8, 9, 16,
and 17, as marked by a hemlock post, 5 ins. X 4 ft. long,
bears S. 0° 07' W., 78.21 chs. dist., in place of which,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground,
for the cor. of secs. 8, 9, 16, and 17, with brass cap mkd.,

T 39 N R 12 E

S 8 S 9

S 17 S 16

1939

from which

The remains of the original bearing trees,

A fallen hemlock, 8 ins. diam., bears N. 54° E.,
10 lks. dist., has scribe marks "39 N R 12 E S 9 B T".

A rotted hemlock stump, 14 ins. diam., bears S. 58° W.,
18 lks. dist.

And new bearing trees,

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Chains	
	A birch, 5 ins. diam., bears N. $61\frac{1}{2}^{\circ}$ E., 5 lks. dist., mkd. T 39 N R 12 E S 9 B T.
	A hemlock, 21 ins. diam., bears S. $79\frac{1}{2}^{\circ}$ E., 106 lks. dist., mkd. T 39 N R 12 E S 16 B T.
	A hemlock, 12 ins. diam., bears S. $9\frac{1}{4}^{\circ}$ W., 82 lks. dist., mkd. T 39 N R 12 E S 17 B T.
	A white pine, 6 ins. diam., bears N. $9\frac{1}{2}^{\circ}$ W., 66 lks. dist., mkd. T 39 N R 12 E S 8 B T.
	From the cor. of secs. 4, 5, 8, and 9, marking and blazing the true line.
	S. $89^{\circ} 55'$ W., bet. secs. 5 and 8.
	Over rolling land, through semi-swamp with timber and undergrowth.
5.60	Enter a spruce swamp with a few cedar, bears N. and S.
22.50	A stream, 10 lks. wide, 6 ins. deep, course S.
40.81	Proportionate distance; there is no remaining evidence of the orig- inal corner post or bearing trees.
	Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass tablet, $3\frac{1}{2}$ ins. diam., 3 ins. stem, embedded in top and mkd.,
	1939
	A spruce, 7 ins. diam., bears S. $1\frac{1}{2}^{\circ}$ W., 24 lks. dist., mkd. $\frac{1}{4}$ S 8 B T.
	A spruce, 7 ins. diam., bears N. 1° W., 68 lks. dist., mkd. $\frac{1}{4}$ S 5 B T.
47.10	The extreme N. end of a pine knoll, extends S. 30° W.
49.70	Enter pine, birch, and spruce timber with undergrowth, on high ground in swamp; bears NE. and SW.
58.80	Enter spruce and tamarack swamp, bears NE. and SW.
61.21	Proportionate distance;
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the W $1/16$ sec. cor. of secs. 5 and 8, with brass cap mkd.,
	1939
	A spruce, 3 ins. diam., bears N. $10\frac{1}{2}^{\circ}$ E., 17 lks. dist., mkd. W $1/16$ S 5 B T.
	A spruce, 8 ins. diam., bears S. $30\frac{1}{4}^{\circ}$ W., 41 lks. dist., mkd. W $1/16$ S 8 B T.

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Chains

- 66.90 Enter a pine knoll, bears NE. and SW.
67.60 Reenter swamp, bears NE. and SW.
71.00 Enter pine knoll, bears N. and S.
72.60 Reenter swamp, bears NE. and SW.
74.60 Leave swamp, thence over rolling land, through balsam, pine, birch,
poplar, and maple timber with undergrowth, bears N. and SW.
81.61 Proportionate distance; there is no remaining evidence of the orig-
inal corner post or bearing trees.
Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the
ground, for the cor. of secs. 5, 6, 7, and 8, with brass tablet,
3½ ins. diam., 3 in. stem, embedded in top and mkd.,

S 6 | S 5

S 7 | S 8

1939

from which

A white pine, 8 ins. diam., bears N. 6½° E., 72 lks.
dist., mkd. T. 39 N R 12 E S 5 B T.

A white pine, 4 ins. diam., bears S. 42° E., 45 lks.
dist. mkd. T 39 N R 12 E S 8 B T.

A white pine, 5 ins. diam., bears S. 6½° W., 31 lks.
dist., mkd. T 39 N R 12 E S 7 B T.

A birch, 6 ins. diam., bears N. 21° W., 13 lks.
dist., mkd. T 39 N R 12 E S 6 B T.

The latitudinal position of this cor. was determined by proportion
between opposite section corners.

Land, rolling and level swamp.

Soil, sandy clay with loam and muck, 2nd and 3rd rate.

Timber, spruce, pine, balsam, birch, poplar, maple, cedar, and hem-
lock; undergrowth, young trees, alder, hazel, brush, and brier.

From the cor. of secs. 5, 6, 7, and 8, the cor. of secs. 7, 8, 17,
and 18, marked by the point of several old stakes buried in heavy
moss in spruce swamp, bears S. 1° 38' E., 77.94 chs. dist.,

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground,
for the cor. of secs. 7, 8, 17, and 18, with brass cap mkd.,

T 39 N R 12 E

S 7 | S 8

S 18 | S 17

1939

from which,

The remains of the original bearing trees,

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains	
	A spruce stump, 6 ins. diam., bears S. $14\frac{1}{2}^{\circ}$ E., 23 lks. dist., (The log from this stump was dug from under 1 ft. of moss and has plain scribe mks. "T 39 N R 12" with parts of other marks visible.)
	A rotted spruce stump, 6 ins. diam., bears N. 50° W., 12 lks. dist.
	And new bearing trees,
	A spruce, 3 ins. diam., bears N. 84° E., 21 lks. dist., mkd. S 8 B T.
	A spruce, 6 ins. diam., bears S. $3\frac{1}{2}^{\circ}$ E., 68 lks. dist., mkd. T 39 N R 12 E S 17 B T.
	A spruce, 4 ins. diam., bears S. $29\frac{1}{4}^{\circ}$ W., 39 lks. dist., mkd. T 39 N R 12 E S 18 B T.
	A spruce, 3 ins. diam., bears N. 44° W., 11 lks. dist., mkd. S 7 B T.
	From the cor. of secs. 5, 6, 7, and 8, marking and blazing the true line.
	The mean of the original length given on the N. bdy. of sec. 6 and of the S. bdy. of sec. 7 was used as the theoretical length of the line bet. secs. 6 and 7 for proportion in reestablishing the original survey.
	S. 89° , $26'$ W., bet. secs. 6 and 7.
	Over rolling land, through timber and undergrowth.
12.65	A graded and gravelled road, bears NW. and SE.
19.50	Road to dump ground, bears NW. and SE.
23.30	Enter a spruce and tamarack swamp, bears N. and S.
29.40	Enter rolling land with birch, poplar, pine, and hemlock timber and undergrowth, bears NW. and SE.
40.70	Proportionate distance; there is no remaining evidence of the original corner post or bearing trees.
	Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the $\frac{1}{4}$ sec. cor., with brass tablet, $3\frac{1}{2}$ ins. diam, 3 in. stem, embedded in top and mkd.
	S. 6°
	Set an iron post, 3 ft. long, 3 in. diam., 28 in. in the ground, for the cor. of sec. 7, with brass cap mkd.
	S. 7°
	for the T 39 N R 12 E S 17 B T. 1939
	from which,
	A birch, 8 ins. diam., bears S. $14\frac{1}{2}^{\circ}$ W., 38 lks. dist., mkd. $\frac{1}{4}$ S 7 B T.
	A birch, 6 ins. diam., bears N. $66\frac{1}{4}^{\circ}$ W., 29 lks. dist., mkd. $\frac{1}{4}$ S 6 B T.
46.60	Begin descent of a steep NW. slope.
48.99	The E. shore of Seven Mile Lake; there is no remaining evidence of the original corner post or bearing trees.

Independent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

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chains

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the meander cor. of frac. secs. 6 and 7, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.

T 39 N

S 6

M C

S 7

R 12 E

1939

from which

A birch, 3 ins. diam., bears N. $70\frac{1}{2}^{\circ}$ E., 26 $\frac{1}{2}$ lks. dist., mkd. on the bark T 39 N R 12 E S 6 M C B T.

A birch, 3 ins. diam., bears S. 48° E., 9 lks. dist., mkd. on the bark T 39 N R 12 E S 7 M C B T.

A local corner which is a squared oak stake, 4 ins. X 4 ins. with 18 ins. of it above ground, bears S. $38^{\circ} 35'$ W., 1.57 chs. dist.

Thence over Seven Mile Lake as determined by the meanders of the lake.

78.25

The point for the cor. of secs. 1, 6, 7, and 12, on the W. bdy. of the township, falls in Seven Mile Lake.

Land, rolling.
Soil, sandy clay with loam and some gravel and stone, 2nd rate.
Timber, birch, poplar, spruce, balsam, pine, hemlock, maple, and tamarack; undergrowth, young trees, hazel brush, alder, and brier.

From the cor. of secs. 5, 6, 7, and 8.

N. $3^{\circ} 48'$ W., bet. secs. 5 and 6, marking and blazing the true line.

Over rolling land, through timber and undergrowth.

10.80

A graded and graveled road, bears NE. and SW.

13.20

A road, bears N. 70° W. and S. 70° E.

24.00

A graded and graveled road, bears N. 75° E. and S. 75° W.

32.57

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for a witness to the meander cor. of frac. secs. 5 and 6, on the edge of wet swamp land, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.

W C

M C

S 6 S 5

T 39 N R 12 E

1939

from which

A Norway pine, 4 ins. diam., bears N. $58\frac{1}{2}^{\circ}$ E., 26 lks. dist., mkd. W C M C B T.

A white pine, 5 ins. diam., bears S. 38° W., 31 lks. dist., mkd. W C T 39 N R 12 E S 5 M C B T.

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains	
32.80	Enter spruce swamp with most of the timber water killed, bears NE. and SW.
36.81	The meander cor. of frac. secs. 5 and 6, on the SE. side of Shay Lake, marked by a tamarack post, 4 ins. square, 10 ft. long, set 8 ft. in soft marsh on shore of lake, mkd. "M C", from which The remains of the original bearing trees, A tamarack stump, 4 ins. diam., bears S. 8° E., 44 lks. dist., has part of the scribe marks "B T". A fallen tamarack, 3 ins. diam., bears S. 41° W., 15 lks. dist., has scribe marks "T 39 N R 12 E S 6". (Other marks have rotted away.) And new bearing trees, A spruce, 4 ins. diam., bears S. 54½° W., 32 lks. dist., mkd. M C B T. No other bearing trees available.
2.22	Thence, N. 0° 54' E., bet. secs. 5 and 6, over Shay Lake by careful triangulation which was later checked by meanders of Shay Lake. Proportionate distance; the point for the ¼ sec. cor., falls in the Lake.
22.99	The NE. shore of Shay Lake, on a point of marsh. Set a cedar post, 5 ins. square, 8 ft. long, 4 ft. in soft marsh, for meander cor. of frac. secs. 5 and 6, on the NE. shore of Shay Lake, mkd., M C, on the S. side, S 5, on the E. side, and S 6, on the W. side. No bearing trees available. Thence over soft marsh with some water-killed spruce and cedar timber. 28.29 The shore of Shay Lake, on an arm of open water in marsh. Set a cedar post, 4 ins. square, 8 ft. long, 54 ins. in soft ground, for meander cor. of frac. secs. 5 and 6, mkd., M C, on the N. side, S 5, on the E. side, and S 6, on the W. side. from which, A spruce, 10 ins. diam., bears S. 67° E., 37 lks. dist., mkd. S 5 M C B T. No other bearing trees available. Thence over open water, 5 ft. deep.

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains		Chains
30.19	The meander cor. of frac. secs. 5 and 6, on the N. shore of an open arm of water in marsh, determined from the remains of an original bearing tree.	
	Set a temp. stake in water 2 ft. deep, to mark the true point for the meander cor. of frac. secs. 5 and 6.	
	The remains of the original bearing tree,	
	A dead white pine, 16 ins. diam., bears N. 29° E., 54 lks. dist., mkd. T 39 N R 12 E S 5 B T.	
	No trees available for new bearing trees.	
	A squared tamarack post, 4 ins. square, 8 ft. long, set 5 ft. in the ground, mkd. "M C", bears W. 3 lks. dist.	
	Thence,	
	N. 0° 48' W., over soft ground, through water-killed spruce, cedar, and tamarack timber.	
1.40	Leave soft ground, enter rolling land, through heavy timber and undergrowth.	
1.50	Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for a witness to the meander cor. of frac. secs. 5 and 6, with brass tablet, 3½ ins. diam., 3 in. stem, embedded in top and mkd.,	
	T 39 N R 12 E S 6 S 5 M C 1939	
	A hemlock, 12 ins. diam., bears N. 61° E., 33 lks. dist., mkd. W C T 39 N R 12 E S 5 M C B T.	
	A spruce, 20 ins. diam., bears N. 74½° W., 61 lks. dist., mkd. W C T 39 N R 12 E S 6 M C B T.	
9.24	The cor. of secs. 5, 6, 31, and 32, on the N. bdy. of the township.	
	Land, rolling and level swamp or marsh.	
	Soil, sandy clay with loam and some gravel and stone, and muck, 2nd and 3rd rate.	
	Timber, birch, balsam, spruce, hemlock, pine, maple, poplar, oak, cedar, tamarack, and ash; undergrowth, young trees, hazel brush, alder, and brier.	

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains	SUBDIVISION OF SEC. 5.
	From the $\frac{1}{4}$ sec. cor., of secs. 5 and 8.
	N. $2^{\circ} 17' W.$, on the true N. and S. center line of sec. 5.
	Through a spruce and tamarack swamp.
5.83	A logging R.R. spur, bears N. $70^{\circ} E.$, and S. $70^{\circ} W.$
8.60	Leave swamp, thence over rolling land, through timber and undergrowth.
23.13	A graded and graveled road, bears N. $80^{\circ} W.$, and S. $80^{\circ} E.$
27.70	A logging R. R. spur, bears NE. and SW.
39.08	Point for the center $\frac{1}{4}$ sec. cor. of sec. 5. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the center $\frac{1}{4}$ sec. cor. of sec. 5, with brass cap mkd.,
	C $\frac{1}{4}$ S 5
	1939
	from which
	A maple, 5 ins. diam., bears S. $89^{\circ} E.$, 29 lks. dist., mkd. C $\frac{1}{4}$ S 5 B T.
	A maple, 6 ins. diam., bears N. $49\frac{1}{2}^{\circ} W.$, 70 lks. dist., mkd. C $\frac{1}{4}$ S 5 B T.
61.10	A logging R. R. grade, bears NE. and SW.
75.99	The $\frac{1}{4}$ sec. cor. of secs. 5 and 32, on the N. bdy. of the township.
	From the $\frac{1}{4}$ sec. cor. of secs. 4 and 5.
	S. $89^{\circ} 45' W.$, on the true E. and W. center line of sec. 5.
	Over rolling land, through timber and undergrowth.
8.10	A logging R.R., at the fork of tracks, tracks bear N. $45^{\circ} E.$, S. $33\frac{1}{2}^{\circ} W.$, and S. $47\frac{1}{2}^{\circ} W.$
18.60	A graded and graveled road, bears NE. and SW.
24.90	A logging R.R., 1 ch. N. of line.
28.78	A logging R.R., bears N. $70^{\circ} E.$ and S. $70^{\circ} W.$
37.35	Proportionate distance; the point of intersection of the center line with the record meander line of Shay Lake, based on compu- tation of the original record.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for the special meander cor. on the E. and W. center line, sec. 5, with brass cap mkd.,
	S M C C
	5
	1939
	from which

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T439N, R12E, 4th Principal Meridian, Wisconsin.

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Chains

A birch, 10 ins. diam., bears N. 85° W., 25 lks.
dist., mkd. S 5 S M C B T.

A hemlock, 7 ins. diam., bears N. 1° W., 32 lks.
dist., mkd. S 5 S M C B T.

40.36

The center $\frac{1}{4}$ sec. cor., sec. 5.

54.20

A logging R.R., bears NE. and SW.

61.16

Proportionate distance;

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground,
for the center W 1/16 cor., sec. 5, with brass cap mkd.,

C $\frac{W 1/16}{C}$ C

1939

from which,

A hemlock, 9 ins. diam., bears S. 26° E.,
58 lks. dist., mkd. C W 1/16 S 5 B T.

A maple, 8 ins. diam., bears N. 68° W.,
30 lks. dist., mkd. C W 1/16 S 5 B T.

77.86

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground,
for a witness to the special meander cor. on the E. and W. center
line, sec. 5, on edge of wet swamp, with brass cap mkd.,

W C

C $\frac{S M C}{5}$ C

1939

from which

A birch, 6 ins. diam., bears N. 10° E., 10 lks.
dist., mkd. W C S 5 S M C B T (on the bark).

A birch, 8 ins. diam., bears S. 29 $\frac{1}{4}$ ° E., 27 lks.
dist., mkd. W C S 5 S M C B T.

Thence over wet swamp, through water-killed timber.

81.41

The shore of Shay Lake, soft marsh, the true point for the S M C.

81.96

The point for the $\frac{1}{4}$ sec. cor., secs. 5 and 6, falls in lake.

From the W 1/16 sec. cor., secs. 5 and 8, the
true W 1/16 line, sec. 5, is
N. 2° 54' W., on the true W 1/16 line, sec. 5,
Through a spruce swamp.

8.00

Leave swamp, thence over rolling land, through timber and undergrowth.

8.98

Proportionate distance; the point of intersection of the W 1/16 line
with the record meander line of Shay Lake, based on computation of
the original record.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground,
for special meander cor. on the S $\frac{1}{2}$ of the W 1/16 line, sec. 5,
with brass cap mkd.,

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains	
23.66	A graded and graveled road, bears E. and W.
39.04	The center W 1/16 sec. cor., sec. 5.
	From the W 1/16 sec. cor., sec. 5 and 32, on the north bdy. of the township.
	S. 0° 55' E., on the true W 1/16 line, sec. 5, on computed bearing.
	Over rolling land, through timber and undergrowth.
	Proportionate distance; the point of intersection of the W 1/16 line with the record meander line of Shay Lake, based on computation of the original record.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for special meander cor. on the N $\frac{1}{2}$ of the W 1/16 line, sec. 5, with brass cap mkd.,
	W S 5 1939
	from which
	A hemlock, 8 ins. diam., bears S. 37 $\frac{1}{2}$ ° E., 29 lks. dist., mkd. S 5 S M C B T.
	A maple, 10 ins. diam., bears N. 10 $\frac{1}{2}$ ° W., 29 lks. dist., mkd. S 5 S M C B T.
	The record original meander line of Shay Lake in sec. 5 is grossly erroneous and a considerable area of high rolling land that is heavily timbered lies between the record meander line and the actual lake shore. In order to define the extent of this omitted public land area, the original meander line adjacent to the omitted land area is established on the ground as a fixed boundary.
	Preliminary to the establishment of the original meander line of Shay Lake in sec. 5, the latitudes and departures of the several meander courses were calculated and adjusted to a closing with the restored section boundaries and subdivision of section lines, distributing the closing error along the several meander courses in proportion to the length of each course, adopting new courses to nearest minute and lengths to the nearest link; a similar distribution was made of the small closing error of the present survey, with resulting lines on the ground as follows:

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

C59

Chains		Chains
	From the meander cor. of frac. secs. 5 and 6, on the S. shore of Shay Lake.	
	Thence with the adjusted record meander courses in sec. 5.	
	S. 55° 16' E., 8.43 chs.	
	Over wet swamp, through timber and undergrowth.	
2.00	Leave swamp, thence over rolling land, through timber and undergrowth.	
8.43	Adjusted position for angle point 1.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 1, sec. 5, with brass cap mkd.,	
	Thence,	
	R 12 E / A P 1	
	S 5	
	1939	from which
	A hemlock, 8 ins. diam., bears N. 28° E., 45 lks. dist., mkd., A P 1 S 5 B T.	
	A birch, 10 ins. diam., bears S. 3° W., 15 lks. dist., mkd., A P 1 S 5 B T.	
	Thence,	
	S. 32° 43' E., 23.59 chs.	
9.60	A graded and gravelled road, bears N. 60° W. and S. 60° E.	
23.59	Adjusted position for angle point 2.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 2, sec. 5, with brass cap mkd.,	
	Thence,	
	R 12 E / A P 2	
	S 5	
	1939	from which
	A poplar, 7 ins. diam., bears S. 43° E., 13 lks. dist., mkd., A P 2 S 5 B T.	
	A birch, 5 ins. diam., bears S. 79° W., 11 lks. dist., mkd., A P 2 S 5 B T.	
	Thence,	
	S. 41° 37' E., 4.08 chs.	
4.08	The special meander cor. on the S ₂ of the W 1/16 line, sec. 5.	
	Thence,	
	S. 50° 50' E., 1.39 chs.	
1.39	Adjusted position for angle point 3, falls on N. edge of a spruce swamp.	

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 3, sec. 5, with brass cap mkd.,
	Thence with the adjusted resurvey courses in sec. 5
	T 39 N R 12 E
	S 55° 16' E., 8.43 chs.
	Over wet swamp, through timber and undergrowth.
	1939
	Leave swamp, thence over rolling land, through timber and undergrowth, from which
	A white pine, 24 ins. diam., bears North, 43 lks. dist., mkd. A P 3 S 5 B T.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground,
	A white pine, 20 ins. diam., bears S. 48° W., 39 lks. dist., mkd. A P 3 S 5 B T.
	T 39 N
23.50	Thence,
	N. 80° 47' E., 23.55 chs.
1.30	Enter a spruce and tamarack swamp, bears N. and S., extends 1 ch. N. of line.
2.50	Leave swamp, thence over rolling land, through timber and undergrowth, bears E. and W.,
7.40	Enter a spruce swamp, bears N. 60° E. and S. 20° W., extends 2 chs. N.
12.50	Leave swamp, thence over rolling land, through timber and undergrowth, bears NW. and S.
14.40	Enter swamp, bears NE. and S., extends 1.50 chs. N. of line.
16.60	Leave swamp, thence over rolling land, through timber and undergrowth, bears NW. and S.
23.55	Adjusted position for angle point 4.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 4, sec. 5, with brass cap mkd.,
	T 39 N
	A P 4 R 12 E
	S 5
	1939
	from which
	A hemlock, 12 ins. diam., bears S. 70½° W., 23 lks. dist., mkd. A P 4 S 5 B T.
	A birch, 19 ins. diam., bears N. 14° E., 21 lks. dist., mkd. A P 4 S 5 B T.
	Thence,
	N. 32° 46' E., 5.38 chs.
5.38	Adjusted position for angle point 5.
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 5, sec. 5, with brass cap mkd.,

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

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Chains		Chains
	1939 from which A hemlock, 8 ins. diam., bears N. 22° E., 32 lks. dist., mkd. A P 5 S 5 B T A maple, 7 ins. diam., bears N. 25° W., 30 lks. dist., mkd. A P 5 S 5 B T. Thence, N. 9° 05' W., 18.23 chs. 7.70 A graded and graveled road, on curve, bears N. 30° E., and S. 70° W. 18.23 Adjusted position for angle point 6. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 6, sec. 5, with brass cap mkd., 1939 from which A maple, 14 ins. diam., bears S. 65° W., 21 lks. dist., mkd. A P 6 S 5 B T. A birch, 7 ins. diam., bears N. 3° W., 27 lks. dist., mkd. A P 6 S 5 B T. Thence, N. 24° 16' W., 5.23 chs. 0.37 A logging R.R. spur, bears NE. and SW. 5.23 The special meander cor. on the E. and W. center line, sec. 5. Thence, N. 24° 48' W., 8.70 chs. 8.70 Adjusted position for angle point 7. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 7, sec. 5, with brass cap mkd., 1939 from which Adjusted position for angle point 10. Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 10, sec. 5, with brass cap mkd.	

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains	A birch, 12 ins. diam., bears N. 38° E., 15 lks. dist., mkd. A P 7 S 5 B T. A maple, 12 ins. diam., bears N. 65½° W., 58 lks. dist., mkd. A P 7 S 5 B T. Thence, N. 13° 45' W., 21.07 chs.	
10.80	A logging R.R. grade, bears NE. and SW.	
21.07	Adjusted position for angle point 8.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 8, sec. 5, with brass cap mkd.,	
	Thence, T 39 N A P 8 R 12 E S 5 1939 from which	
7.40	A birch, 6 ins. diam., bears N. 20° E., 57 lks. dist., mkd. A P 8 S 5 B T.	
12.50	A maple, 8 ins. diam., bears N. 64½° W., 49 lks. dist., mkd. A P 8 S 5 B T.	
14.40	Thence,	
16.50	N. 44° 42' W., 8.08 chs.	
4.60	A cleared right-of-way for a logging R.R., bears N. 50° E. and S. 50° W.	
8.08	Adjusted position for angle point 9.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 9, sec. 5, with brass cap mkd.,	
	Thence, T 39 N A P 9 R 12 E S 5 1939 from which	
	A hemlock, 8 ins. diam., bears N. 89° E., 31 lks. dist., mkd. A P 9 S 5 B T.	
	A maple, 8 ins. diam., bears S. 3½° W., 40 lks. dist., mkd. A P 9 S 5 B T.	
	Thence,	
	N. 68° 21' W., 7.15 chs.	
2.10	A cleared right-of-way for a logging R.R., bears E. and W.	
7.15	Adjusted position for angle point 10.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 10, sec. 5, with brass cap mkd.	

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

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Chains		Chains
	T 39 N R 12 E A hemlock, 11 ins. diam., bears S. 38° W., 52 lks. dist., mkd. A P 12 S 5 B T. S 5 A P 10 1999 from which Enter wet swamp with water-killed timber, bears N. 80° W., 8.60 chs. A maple, 6 ins. diam., bears S. 21½° E., 95 lks. dist., mkd. A P 10 S 5 B T. The meander cor. of 1 sec. 5 and 6, on the N. shore of Shy Lake. A hemlock, 9 ins. diam., bears N. 73° W., 49 lks. dist., mkd. A P 10 S 5 B T. land, rolling, soil, sandy clay with loam and some gravel and pebbles. Timber, birch, maple, poplar, hemlock, pine, balsam, spruce, oak, and elm; undergrowth, young trees. Thence, S. 70° 48' W., 3.59 chs.	
3.59	The special meander cor. on the N½ of the W 1/16 line, sec. 5.	
	Thence,	
	N. 88° 22' W., 2.80 chs.	
2.80	Adjusted position for angle point 11.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 11, sec. 5, with brass cap mkd.,	
	T 39 N R 12 E	
	S 5	
	A P 11	
	1999	from which
	Thence with the meanders of the actual shore of Shy Lake, sec. 5.	
	A hemlock, 11 ins. diam., bears S. 47° W., 36 lks. dist., mkd. A P 11 S 5 B T.	
	A hemlock, 11 ins. diam., bears N. 8° W., 27 lks. dist., mkd. A P 11 S 5 B T.	
	Thence,	
	S. 58° 51' W., 8.33 chs.	
5.60	A cleared right-of-way for a logging R.R., bears E. and W.	
8.33	Adjusted position for angle point 12.	
	Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground, for angle point 12, sec. 5, with brass cap mkd.,	
	T 39 N R 12 E	
	S 5	
	A P 12	
	1939	from which
	A birch, 12 ins. diam., bears S. 50½° E., 42 lks. dist., mkd. A P 12 S 5 B T.	

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Chains

A hemlock, 14 ins. diam., bears N. 28° W.,
52 lks. dist., mkd. A P 12 S 5 B T.

Thence,

S. 70° 25' W., 10.50 chs.

8.60 Enter wet swamp with water-killed timber, bears N. 60° W. and
S. 60° E. ...

10.50 The meander cor. of frac. secs. 5 and 6, on the N. shore of Shay
Lake and an open arm of water in marshy swamp.

Land, rolling.

Soil, sandy clay with loam and some gravel and stone, 2nd rate.
Timber, birch, maple, poplar, hemlock, pine, balsam, basswood, oak,
and elm; undergrowth, young trees, hazel brush, and brier.

Meanders of the Actual Shore of Shay Lake.

From the meander cor. of frac. secs. 5 and 6, on the N. shore of
Shay Lake and the arm of a body of water in marshy swamp.

Thence with the meanders of the actual shore of Shay Lake, sec. 6.

Along a marshy shore with timber (mostly water-killed), and under-
growth.

S. 58° 45' W., 1.10 chs.

S. 0° 15' E., 1.60 "

S. 51° 30' W., 1.90 "

N. 12° 00' W., 0.53 "

N. 54° 24' W., 2.80 "

N. 78° 03' W., 6.25 " Thence along the foot of a steep bank
with timber and undergrowth.

N. 70° 45' W., 1.50 "

N. 49° 15' W., 1.70 " Thence along marshy shore.

N. 37° 45' W., 3.60 "

N. 56° 45' W., 2.70 "

N. 87° 45' W., 2.80 "

N. 64° 15' W., 1.80 "

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39. N., R. 12. E., 4th Principal Meridian, Wisconsin.

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S. 84° 20' W., 4.00 chs.

S. 55° 15' W., 3.40 "

N. 89° 45' W., 1.30 "

N. 54° 00' W., 1.20 "

N. 89° 45' W., 2.30 "

S. 63° 15' W., 3.30 "

N. 87° 30' W., 2.00 "

S. 37° 45' W., 9.14 "

S. 41° 30' W., 3.20 "

S. 25° 00' W., 2.90 "

S. 22° 45' W., 8.50 "

S. 67° 15' E., 1.60 "

N. 83° 30' E., 2.80 "

S. 87° 00' E., 1.80 "

N. 74° 45' E., 2.90 "

N. 77° 30' E., 5.70 "

N. 56° 15' E., 2.70 "

N. 61° 15' E., 2.10 "

N. 84° 00' E., 2.30 "

S. 87° 45' E., 3.10 "

N. 68° 30' E., 2.00 "

S. 55° 30' E., 1.50 "

S. 45° 00' E., 2.20 "

S. 52° 45' E., 2.40 "

S. 9° 00' E., 2.80 "

S. 0° 45' W., 2.70 "

S. 21° 00' E., 1.90 "

S. 7° 00' W., 2.40 "

S. 33° 15' W., 4.10 "

S. 23° 45' E., 2.70 "

S. 49° 15' E., 7.40 "

S. 85° 15' E., 5.00 "

N. 70° 45' E., 7.20 "

N. 38° 45' E., 3.80 "

To the meander cor. of Sec. 5.

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Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

N. 62° 00' E., 0.98 chs. To the meander cor. of frac. secs. 5 and 6, on the S. shore of Shay Lake.

Land, level shore line.

Soil, muskeg and swamp, sandy clay with gravel and stone, 2nd and 3rd rate.

Timber, spruce, tamarack, balsam, pine, birch, and poplar; undergrowth, mostly young trees and alder.

Enter wet swamp with water-killed timber, bears N. 60° W. and S. 30° E. 1.21° 08' 28" S.

The meander cor. of frac. sec. 5 is on the S. shore of Shay Lake. Thence in sec. 5.

Continue along a marshy shore line.

Soil, sandy with loose gravel and stone, 4th rate.

N. 14° 45' E., 5.40 chs. At 2.29 chs. on this course, the true point for the SMC, E. and W. center line.

N. 39° 45' E., 2.25 chs.

N. 12° 45' E., 2.70 "

N. 23° 30' W., 4.60 "

N. 5° 45' W., 6.60 "

N. 11° 45' W., 2.69 " To the meander cor. of frac. secs. 5 and 6, on the N. shore of Shay Lake, on a point of marsh land.

Land, level lake shore.

Soil, loose muck, 4th rate.

Timber, spruce, tamarack, and pine; undergrowth, young trees and alder.

From the meander cor. of frac. sec. 5, on the N. shore of Shay Lake, on the arm of a body of water in marshy land.

Thence in sec. 6.

Continue along a marshy shore.

N. 29° 45' W., 0.80 chs.

N. 6° 00' E., 2.80 "

N. 5° 30' E., 1.82 " To the meander cor. of frac. secs. 5 and 6, on an arm of water in soft marsh.

Land, level lake shore.

Soil, loose muck, 4th rate.

Timber, small spruce and tamarack; undergrowth, young trees.

Thence in sec. 5.

Continue along a marshy-soft shore.

N. 31° 30' E., 1.90 chs.

N. 73° 45' W., 1.10 chs. To the meander cor. of frac. secs. 5 and 6, on the N. shore of Shay Lake and an open arm of water in marsh, the place of beginning.

Land, level lake shore.

Soil, loose muck, 4th rate.

Timber, mostly water-killed, spruce, pine, maple, birch, and tamarack; undergrowth, young trees and alder.

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

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Meanders of the Actual Shore of Seven Mile Lake.

From the true point for the meander cor. of frac. secs. 1 and 6, on the W. bdy of the township, on the N. shore of Seven Mile Lake.

Thence with the meanders of the actual shore of Seven Mile Lake, in sec. 6.

Along the foot of a steep sandy cut bank with sand and gravel shore.

S. 59° 30' E., 5.00 chs.

S. 42° 00' E., 1.50 " Thence along a low sandy shore with some marsh and willows.

S. 2° 00' W., 2.30 chs.

S. 70° 00' E., 1.50 "

N. 80° 00' E., 1.40 "

S. 13° 00' E., 1.00 "

S. 58° 45' W., 1.10 chs.

N. 67° 00' W., 0.60 "

S. 20° 00' E., 0.60 "

S. 53° 00' E., 2.80 chs.

S. 67° 45' E., 4.70 chs.

S. 51° 36' E., 3.50 "

S. 56° 45' E., 1.90 chs.

S. 74° 00' E., 1.00 "

N. 80° 45' E., 3.30 chs.

N. 76° 15' E., 2.60 "

S. 58° 45' E., 6.81 "

S. 41° 15' E., 6.42 chs.

S. 22° 15' E., 4.00 "

South, 1.60 "

S. 25° 00' W., 2.20 "

S. 51° 30' W., 3.90 "

S. 41° 00' W., 1.90 "

S. 23° 39' W., 4.30 "

On a point of high land.

This course crosses a stream, 30 lks. wide, 3 ft. deep, course S. 60° W., which is the drain from Shay Lake and empties into Seven Mile Lake. Thence along a sandy willow bar.

Thence along a rocky and sandy shore. The beginning of improved grounds of Shabbanau Camp for boys.

Thence along a sandy shore.

At 2.50 chs. on this course, leave the improved grounds of Shabbanau Camp.

Thence along the improved grounds of Knapp's Resort.

At 5.00 chs. on this course, leave the improved grounds of Knapp's Resort.

The meander cor. of frac. secs. 6 and 7, on the E. shore of Seven Mile Lake.

Dependent Resurvey and Extension Survey, Secs. 5 and 6,
T. 39 N., R. 12 E., 4th Principal Meridian, Wisconsin.

Land, level lake shore.

Soil, sand with gravel and rock, 3rd rate.

Timber, birch, poplar, willow, and pine; undergrowth, young trees.

General Description.

The plat of the original survey of T. 39 N., R. 12 E., shows a meandered lake, now known as Shay Lake, situated in secs. 5 and 6, practically all of the lake being shown as in sec. 5. During the course of the present survey, it was found that the representations of the original plat were grossly in error, in that practically all of Shay Lake is actually situated in sec. 6.

The recorded original meanders in sec. 5 depart abruptly from the lake shore, and traverse high rolling upland more than $\frac{1}{2}$ mile from the actual lake. As a result of the erroneous character of the recorded meanders in sec. 5, a large area of land was omitted from the original survey. This area is similar in every respect to the lands included in the original survey and ranges in elevation up to 60 feet above the lake. The area is heavily timbered with a virgin stand of hemlock, maple, birch, basswood, pine, oak, ash, poplar, balsam, and elm of great age. The existence of Norway pine up to 30 ins. diam., hemlock up to 36 ins. diam., and birch up to 48 ins. diam., over the omitted land, affords abundant proof that the land was in existence and definitely above the mean high-water elevation of the lake in 1848, when Wisconsin was admitted into the Union, and at all times since that date.

Shay Lake is a navigable body of water. The water in the lake is now about 4 feet above the mean high-water elevation, due to a beaver dam across the outlet. This has had the effect of flooding some of lower lands adjacent to the lake and the high water has killed a portion of the timber on the flooded area and has created considerable wet swamp land, the greater part of which is in sec. 5.

The public land area included in the present survey is nearly all high, rolling upland. Lots 9, 10, and 13, sec. 5, each embrace some swamp areas but each is more than 50% upland; lots 8, 11, 12, and 14, sec. 5, are all upland. Lot 6, sec. 6, is swamp land.

The soil on the area included in the present survey is a sandy clay loam, with some gravel and stone, 2nd rate.

There are no improvements on the public land except temporary logging railroads which have been and are being built by the Thunder Lake Lumber Company, and a graded and graveled road which extends east and west through the southern portion of the public land area.

Survey completed October 23, 1939.

CERTIFICATE OF SURVEYOR

I, Lester S. Mann, Public Land Surveyor, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 22nd day of July, 1939
received from the district engineer for Associate Supervisor of Surveys, with assignment
instructions dated August 21, 1939, I have surveyed made the Dependent Resurvey and
Extension Survey, Including Lands Erroneously Omitted from the Original Survey,
Bordering on Shay Lake, in Section 5, Township 39 North, Range 12 East,
of the Fourth Principal Meridian, in the State of Wisconsin, which are
represented in the foregoing field notes as having been executed by me and under my direction; and that said
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
Washington, D.C.
November 10, 1939 Lester S. Mann
Public Land Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

The foregoing field notes of the survey of _____

executed by _____
under special instructions dated _____, and assignment
instructions dated _____, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____
_____, is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.

4-680
(Revised May 1934)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

[illegible]

CERTIFICATE OF SURVEYOR

I, Hal D. Craig, Surveyor, HEREBY CERTIFY upon honor that, in
pursuance of special instructions bearing date of the 22nd day of July, 1939,
received from the ~~district engineer~~ Associate Supervisor of Surveys, with assignment
instructions dated August 7, 1939, I have ~~surveyed~~ made the
Dependent Resurvey and Extension Survey
Including Lands Erroneously Omitted from the Original Survey,
Bordering on Shay Lake, in Section 5,
Township 39 North, Range 12 East
of the Fourth Principal Meridian, in the State of Wisconsin, which are
represented in the foregoing field notes as having been executed by me and under my direction; and that said
survey has been made in strict conformity with said instructions, the Manual of Instructions for the Survey
of the Public Lands of the United States, and in the specific manner described in the foregoing field notes.
Washington, D.C. Hal D. Craig
February 7, 1940 Surveyor,

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, FEB 12 1940, 19

The foregoing field notes of the ~~survey of~~ Dependent Resurvey and Extension Survey,
Including Lands Erroneously Omitted from the Original Survey, Bordering on
Shay Lake, in Section 5, Township 39 North, Range 12 East, Fourth Principal
Meridian, Wisconsin.
executed by Hal D. Craig, Surveyor, G.L.O., Lester S. Mann, Public Land Surveyor,
under special instructions dated July 22, 1939, and assignment
instructions dated August 7, 1939; August 24, 1939, having been critically examined, and
the necessary corrections made prior to their certification by the engineer, the said field notes, and the survey
therein described, are hereby approved.

Charles E. Johnson
Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

I CERTIFY that the foregoing transcript of the field notes of the above-described surveys in _____
_____, is a true copy of the original field notes on file in the public survey office.

Supervisor of Surveys.