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UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GENERAL LAND OFFICE

DUPLICATE

FIELD NOTES

L8634

OF THE
 DEPENDENT RESURVEY AND EXTENSION SURVEY
 INCLUDING LANDS ERRONEOUSLY OMITTED
 FROM THE ORIGINAL SURVEY,
 BORDERING ON CRESCENT LAKE,
 IN SECTIONS 16 AND 21,
 TOWNSHIP 36 NORTH, RANGE 8 EAST,

Of the FOURTH PRINCIPAL Meridian,
 In the State of WISCONSIN

EXECUTED BY

Hal D. Craig, Surveyor

Lester S. Mann, Public Land Surveyor

supplemental
 Under special instructions dated July 26, 1939, which provided
 for the surveys included under Group No. 47, bearing the approval of the
 Commissioner of the General Land Office under date of August 7, 1939
 and assignment instructions dated August 7, 1939
 August 21, 1939

Survey commenced September 18, 1939

Survey completed October 11, 1939

L8634

L8634

1.

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

The subdivisional lines of T. 36 N., R. 8 E., were surveyed by William E. Daugherty, Deputy Surveyor, in 1863, as represented on the official township plat, approved March 18, 1864. The following notes are those of a dependent resurvey, or reestablishment of the original boundaries of Secs. 16, 17, 20, and 21 of the township, and the extension survey including public lands bordering on Crescent Lake in Secs. 16 and 21, which were erroneously omitted from the original survey.

The resurvey is a complete restoration of the original boundaries of Secs. 16, 17, 20, and 21, 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 Crescent Lake in Secs. 16 and 21, was omitted from the original survey by reason of the grossly erroneous character of the reported original meanders of the lake in that sections. 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 $4\frac{1}{2}$ 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 $2\frac{1}{2}$ ins., and of declination arc $3\frac{1}{2}$ 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.

September 17, 1939, at my field office headquarters near Rhineland, Wisconsin, Sec. 35, T. 37 N., R. 8 E., 4th Prin. Mer., in latitude $45^{\circ} 39' 20''$ N., and longitude $89^{\circ} 26' W.$, 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 a reference point to the NE., 20 chs. distant. The watch time of the observation was checked with a Western Union telegraph clock and found correct.

Watch time of observation -----	6h 25m 22s p.m.
Mean horizontal angle from the reference point to Polaris -----	$55^{\circ} 03' 30''$
Azimuth of Polaris -----	$1^{\circ} 18' 30''$
Mean true bearing to reference point -----	$N.56^{\circ} 22' 00'' E.$

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

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".

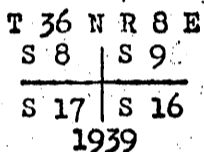
I repeat the tests of the arcs daily by noon observation, and verify the meridional indications at frequent intervals throughout the survey.

Dependent Resurvey of a Portion of the Subdivis-
ional Lines of T. 36 N., R. 8 E., as Orig-
inally Surveyed by William E. Daugherty,
Deputy Surveyor, in 1863.

Survey commenced at the point for the cor. of secs. 8, 9, 16, and 17, marked by an iron pipe, 2 ins. diam., set flush with the surface of muskeg in swamp.

In place of the iron pipe,

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the cor. of secs. 8, 9, 16, and 17, with brass tablet, 3/8 ins. diam., 3 in. stem, embedded in top and mkd.,



from which,

The remains of an original bearing tree,

A white pine stump, 16 ins. diam., bears N. 61 1/2° E.,
216 lks. dist., has plain scribe mks. "B T"

Find no evidence of the other bearing tree.

And new bearing trees,

A white pine, 10 ins. diam., bears N. 44 1/4° E.,
77 lks. dist., mkd. T 36 N R 8 E S 9 B T

A white pine, 6 ins. diam., bears S. 39 1/2° E.,
11 lks. dist., mkd. T 36 N R 8 E S 16 B T

A white pine, 6 ins. diam., bears S. 41 1/4° W.,
44 lks. dist., mkd. T 36 N R 8 E S 17 B T

A white pine, 8 ins. diam., bears N. 51 1/2° W.,
115 lks. dist., mkd. T 36 N R 8 E S 8 B T

A square pine post, 6 ins. X 6 ins. with 2 ft.
of it above ground, bears S. 59 1/2° W., 72 lks.
distant. The points of two older stakes, both
2 ins. diam., are along the NE. and S. side of
the pine post.

Thence,

S. 87° 41' E., bet. secs. 9 and 16, marking and blazing the true line.

Over level swamp land, through spruce, tamarack, and pine timber.

5.90

Leave swamp, thence over rolling land, through young poplar, birch,
oak, and pine timber with undergrowth of young trees, alder, sumac,
and briars.

17.20

A graded road, bears NE. and SW.

1863

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

23.20

A drain, 1 ch. wide, banks 15 ft. high, drains to the SE.

41.74

The point for the $\frac{1}{4}$ sec. cor., marked by a tamarack post, 4 ins. square, 2 ft. of it above ground, in a collar of stone, mkd. " $\frac{1}{4}$ S S 9 S 16", with the top of an old squared stake, mkd. "S" and part of " $\frac{1}{4}$ " lying alongside.

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.,

$$\frac{1}{4} \begin{array}{l} S 9 \\ S 16 \end{array}$$

1939.

from which,

The remains of the original bearing trees,

A rotted maple stump, bears N. $16\frac{1}{2}^{\circ}$ E., 24 lks. dist.A burned white pine stump, bears S. 26° W., 26 lks. dist., has recent scribe marks "B T"

And new bearing trees,

A poplar, 4 ins. diam., bears N. $34\frac{1}{4}^{\circ}$ E., 50 lks. dist., mkd. $\frac{1}{4}$ S 9 B TA poplar, 4 ins. diam., bears S. $37\frac{1}{4}^{\circ}$ E., 57 lks. dist., mkd. $\frac{1}{4}$ S 16 B TN. $87^{\circ} 44'$ E., bet. secs. 9 and 16. ($E\frac{1}{2}$ mile)

6.40

Enter a tamarack swamp, bears N. 65° W., and S. 65° E.

7.00

The SE. end of a small lake bears N., 1 ch. distant.

11.60

Enter rolling land with scattering young timber and undergrowth.

19.90

Enter a round grass marsh, bears N. and S., extends 1 ch. N. of line and 1 ch. S. of line.

21.30

Leave marsh, continue over rolling land with young timber and undergrowth.

31.20

Enter a grass marsh, bears N. 70° W. and S. 70° E.

33.00

The S. end of a pond in marsh, bears N., 1.20 chs. distant.

37.00

Leave marsh, thence over rolling brush land, bears NE. and SW.

41.58

A one wire fence for boundary of game refuge, bears N. and S.

41.59

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. 9, 10, 15, and 16, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.,

T 36 N R 8 E

S 9 | S 10

S 16 | S 15

1939

from which,

An elm, 14 ins. diam., bears N. $40\frac{5}{8}^{\circ}$ E., 294 lks. dist., mkd. T 36 N R 8 E S 10 B T

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

A norway pine, 16 ins. diam., bears S. $26\frac{1}{2}^{\circ}$ E.,
376 lks. dist., mkd. T 36 N R 8 E S 15 B T

A red oak, 14 ins. diam., bears S. $56\frac{3}{4}^{\circ}$ W., 157 lks.
dist., mkd. T 36 N R 8 E S 16 B T

No bearing tree available to the NW.

Land, rolling or level swamp.

Soil, sandy clay mixed with stone and gravel, 2nd rate.

Timber, poplar, birch, oak, pine, spruce, and tamarack; undergrowth
young trees, hazel brush, alder, and brier.

From the cor. of secs. 9, 10, 15, and 16, the $\frac{1}{4}$ sec. cor. of secs. 9
and 10, marked by an oak post, 4 ins square, firmly set with 30 ins.
of it above ground, bears N. $1^{\circ} 03'$ E., 40.92 chs. distant.

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for the $\frac{1}{4}$ sec. cor., with brass cap mkd.,

$\frac{1}{4}$
S 9 | S 10
1939

from which,

The remains of the original bearing trees,

A badly burned pine stump, bears S. 40° E., 50 lks. dist.

A dim stump hole, bears N. 32° W., 16 lks. dist.

And new bearing trees,

A maple, 8 ins. diam., bears S. $76\frac{1}{2}^{\circ}$ E., 176
lks. dist., mkd. $\frac{1}{4}$ S 10 B T

A norway pine, 10 ins. diam., bears N. 78° W.,
256 lks. dist., mkd. $\frac{1}{4}$ S 9 B T

From the cor. of secs. 9, 10, 15, and 16, the $\frac{1}{4}$ cor. of secs. 10 and
15, as determined from the remains of the original bearing trees,
bears S. $87^{\circ} 04'$ E., 41.61 chs. dist.

Set a cedar post, 4 ins. square, 6 ft. long, 3 ft. in very wet
tamarack and spruce swamp, for the $\frac{1}{4}$ sec. cor., marked with a scribe,

S 10, on the N. side,
S 15, on the S. side, and
 $\frac{1}{4}$, on the W. side.

from which,

The remains of the original bearing trees,

A dead tamarack, 10 ins. diam., bears N. 18° E.,
21 lks. dist., has plain scribe mks. " $\frac{1}{4}$ S B T"

A dead tamarack, 10 ins. diam., bears S. 31° E.,
60 lks. dist., has plain scribe mks. " $\frac{1}{4}$ S B T"

And local bearing trees,

A spruce, 8 ins. diam., bears N. 44° E., 29 lks.
dist., has scribe mks. " $\frac{1}{4}$ S"

A spruce, 8 ins. diam., bears S. 49° W., 24 lks.
dist., has scribe mks. " $\frac{1}{4}$ S"

And now bearing trees,

A tamarack, 10 ins. diam., bears N. $81\frac{1}{2}^{\circ}$ E., 52
lks. dist., mkd. $\frac{1}{4}$ S 10 B T

A cedar, 4 ins. diam., bears S. 79° W., 48 lks.
dist., mkd. $\frac{1}{4}$ S 15 B T

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

From the cor. of secs. 9, 10, 15, and 16, marking and blazing the true line.

S. 0° 36' W., bet. secs. 15 and 16.

Over rolling brush land, along a crooked one wire fence.

0.50 Thence along the W. side of a muskeg swamp, about 2 chs. in diameter.

1.80 Thence over rolling land.

3.80 Enter a spruce and tamarack swamp, bears E. and SW.

7.70 Leave swamp, thence over rolling land with young timber and undergrowth, bears NW. and SE.

40.92 The point for the $\frac{1}{4}$ sec. cor., marked by an oak stake, 6 ins. X 6 ins., firmly set with 30 ins. of it above ground, also an ironwood stake, 3 ins. X 3 ins. X 20 ins., along E. side, scribed " $\frac{1}{4}$ S 15 S 16", and a small stake mkd. " $\frac{1}{4}$ S"

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.,

$\frac{1}{4}$
S 16 | S 15
1939 from which,

The remains of the original bearing trees,

An ironwood, 6 ins. diam., bears N. 50 $\frac{1}{2}$ ° E., 11 $\frac{1}{2}$ lks. dist., has recent scribe mks. " $\frac{1}{4}$ S 15 B T". This tree is not old enough for the original bearing tree but probably is a sprout from the original.

A rotted maple stump, 15 ins. diam., bears S. 52 $\frac{1}{2}$ ° E., 18 lks. dist.

And new bearing trees,

A red oak, 7 ins. diam., bears S. 49° W., 31 lks. dist., mkd. with a scribe about 5 yrs ago " $\frac{1}{4}$ S B T"

A poplar, 5 ins. diam., bears N. 52 $\frac{1}{2}$ ° W., 70 lks. dist., mkd. on the bark " $\frac{1}{4}$ S 16 B T"

S. 0° 51' W., bet. secs. 15 and 16. ($S\frac{1}{2}$ mile)

20.05 one wire fence turns to the east.

40.18 The point for the cor. of secs. 15, 16, 21, and 22, marked by a pine stake, 3 ins. square, firmly set in a mound of stone, with 24 ins. of it above ground, mkd. with a scribe "S 15 S 16 S 21 S 22", with two other pine stakes set along side.

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the cor. of secs. 15, 16, 21, and 22, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.,

T 36 N R 8 E
S 16 | S 15
S 21 | S 22

1939

from which,

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 14th Principal Meridian, Wisconsin.

Chains

The remains of the original bearing trees,
 A stump hole, bears N. 45° W., 9 lks. dist.
 And local bearing trees,
 A white pine stump, 18 ins. diam., bears S. 53° E.,
 8 lks. dist., has very old scribe marks "B T". This
 tree has the appearance of being an original bearing
 tree that has been recorded wrong in the record.
 And new bearing trees,
 A norway pine, 6 ins. diam., bears N. 26° E.,
 82 lks. dist., mkd. T 36 N R 8 E S 15 B T
 A white pine, 8 ins. diam., bears S. 53¹/₂° E.,
 87 lks. dist., mkd. T 36 N R 8 E S 22 B T
 A norway pine, 5 ins. diam., bears S. 70¹/₂° W.,
 72 lks. dist., mkd. T 36 N R 8 E S 21 B T
 A white pine, 5 ins. diam., bears N. 1³/₄° W.,
 48 lks. dist., mkd. T 36 N R 8 E S 16 B T

Land, rolling.
 Soil, sandy clay mixed with rock and gravel, 2nd rate.
 Timber, poplar, birch, oak, pine, spruce, maple, and basswood;
 undergrowth, hazel brush, young trees, alder, and brier.

S. 0° 47' E., bet. secs. 21 and 22.

Over rolling land, through timber and undergrowth, along a cleared
 fence line.

- 2.70 Enter a tamarack and spruce swamp, bears N. 70° W. and S. 70° E.
- 20.58 Cleared fence line turns to the east, continue through swamp.
- 30.60 Leave swamp, thence over rolling land, through upland timber and
 undergrowth, bears E. and W.
- 39.00 Enter a burned spruce and tamarack swamp, bears NE. and SW.
- 41.30 The point for the ¹/₄ sec. cor., at the corner of fences bearing S.
 and W., marked by an old tamarack stake, 3 ins. square, firmly set
 with 3 ft. of it above ground, marked with a scribe "1/4 S".
 Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the
 ground, for the ¹/₄ sec. cor., with brass tablet, 3¹/₂ ins. diam., 3 in.
 stem, embedded in top and mkd.,

S 21 | S 22

1939 from which,

The remains of the original bearing trees,
 A badly rotted and burned spruce stump, bears
 S. 86° E., 21 lks. dist.
 A badly rotted and burned spruce stump, bears
 S. 62¹/₂° W., 24 lks. dist.,
 And new bearing trees,

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Dependent Resurvey and Extension Survey, Secs. 16, and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

A norway pine, 14 ins. diam., bears N. $2\frac{1}{4}^{\circ}$ E.,
315 lks. dist., mkd. $\frac{1}{4}$ S 22 B T

A norway pine, 12 ins. diam., bears N. $9\frac{1}{4}^{\circ}$ W.,
227 lks. dist., mkd. $\frac{1}{4}$ S 21 B T

S. $8^{\circ}05'$ E., bet. secs. 21 and 22. ($\frac{1}{2}$ mile)

14.20 Leave swamp; thence over rolling land, through burned over timber
and undergrowth, bears N. 30° W., and S. 30° E.

21.80 Enter a tamarack and spruce swamp, on margin of lake, bears N. 60° E.,
and S. 60° W.

22.80 The point for the meander cor. of frac. secs. 21 and 22, at the inter-
section of the true line with the lake shore, on the north side of
the lake; there is no remaining evidence of the original corner post
or bearing trees.

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground,
for the meander cor. of frac. secs. 21 and 22, with brass cap mkd.

T 36 N R 8 E
S 21 | S 22

M C
1939

from which

A tamarack, 10 ins. diam., bears N. 8° E., 39 lks.
dist., mkd. T 36 N R 8 E S 22 M C B T

A tamarack, 8 ins. diam., bears N. $43\frac{1}{2}^{\circ}$ W., 20 lks.
dist., mkd. T 36 N R 8 E S 21 M C B T

Thence over lake by careful triangulation, which was later checked
by meanders of the lake shore

36.20 The S. shore of the lake; thence over very wet marsh.

36.79 The point for the meander cor. of frac. secs. 21 and 22, on the S.
shore of the lake, mkd. by the point of the original corner stake
which was found buried in soft muskeg swamp.

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for meander cor. of frac. secs. 21 and 22, with brass cap mkd.

M C
S 21 | S 22
T 36 N R 8 E
1939

from which

The remains of the original bearing trees,

A rotted tamarack stump, bears S. 17° E., 11 lks. dist.

A tamarack stump, 3 ins. diam., bears S. 83° W.,
29 lks. dist., mkd. B T with scribe

And new bearing trees,

A birch, 4 ins. diam., bears S. $48\frac{3}{4}^{\circ}$ E., 18 lks.
dist., mkd. on the bark T 36 N R 8 E S 22 M C B T

A tamarack, 9 ins. diam., bears S. 54° W., 12 lks.
dist., mkd. T 36 N R 8 E S 21 M C B T

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

S. 2°13' E., bet. secs. 21 and 22 (Continuing $S\frac{1}{2}$ mile)

Over swamp land, through tamarack and spruce timber.

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

1.90 Enter a graded road, bears NW. and SE.

2.44 The point for the cor. of secs. 21, 22, 27, and 28, at the intersection of a graded road bearing NW. and S. 0°11' E., and a fence line bearing west; there is no remaining evidence of the original corner post or bearing trees.

Set a concrete monument, 24 ins. long, 6 ins. diam., 6 ins. below the surface of the road, for the cor. of secs. 21, 22, 27, and 28, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem., embedded in top and mkd.

T 36 N R 8 E	
S 21	S 22
S 28	S 27

1939

from which,

A red oak, 6 ins. diam., bears N. 23 $\frac{1}{2}$ ° E., 70 lks. dist., mkd. T 36 N R 8 E S 22 B T

A red oak, 6 ins. diam., bears S. 40 $\frac{1}{2}$ ° W., 17 lks. dist., mkd. T 36 N R 8 E S 28 B T

A poplar, 12 ins. diam., bears N. 16° W., 140 lks. dist., mkd. T 36 N R 8 E S 21 B T

No bearing tree available to the SE.

The cor. of secs. 27, 28, 33, and 34, bears S. 0°11' E., 79.25 chs. dist., at the intersection of roads bearing N., S., and W.; this was accepted as the best available evidence of the original cor., and as a perpetuation of that cor., upon the statement of Vernon Maine, County Surveyor.

Set a concrete monument, 24 ins. long, 6 ins. diam., 6 ins. below the surface of the road, for the cor. of secs. 27, 28, 33, and 34, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem., embedded in top and mkd.

T 36 N R 8 E	
S 28	S 27
S 33	S 34

1939

from which,

The NW. cor. of the concrete foundation of a cheese factory, bears S. 43 $\frac{1}{2}$ ° E., 87.3 lks. dist.

A high line pole, 10 ins. diam., bears N. 47 $\frac{1}{2}$ ° W., 52.3 lks. dist.

No other accessories available.

Land, rolling or level swamp.

Soil, sandy clay mixed with stone and gravel on the upland, 2nd rate; in the swamps it is muck, 3rd rate.

Timber, poplar, birch, oak, pine, maple, basswood, hemlock, spruce, tamarack, and cedar; undergrowth, young timber, hazel, alder, and brier.

From the cor. of secs. 21, 22, 27, and 28,

S. 89°54' W., bet secs. 21 and 28.

0.20 Leave road, enter rolling pasture land, with line following along a fence line.

12.00 Enter timber and undergrowth, bears N. and S.

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Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains
20.10

Fence turns to the south.

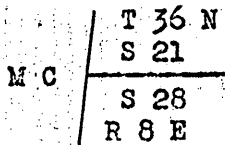
28.00

Enter a strip of swamp on the margin of Lake Emma, bears N. and S.

28.98

The point for the meander cor. of frac. secs. 21 and 28, on the E. side of Lake Emma, at the intersection of the true line with the lake shore; there is no remaining evidence of the original corner post or bearing trees.

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground, for the meander cor. of frac. secs. 21 and 28, with brass cap mkd.,



1939

from which,

A white pine, 8 ins. diam., bears N. 73° E.,
14 lks. dist., mkd. T 36 N R 8 E S 21 M C B T

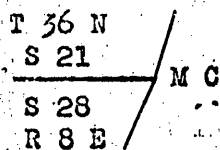
A white pine, 18 ins. diam., bears S. 46¹/₂° E.,
34 lks. dist., mkd. T 36 N R 8 E S 28 M C B T

Thence over Lake Emma by careful triangulation.

52.61

The point for the meander cor. of frac. secs. 21 and 28, on the W. side of Lake Emma, at the intersection of the true line with the lake shore; there is no remaining evidence of the original corner post or bearing trees.

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground, for the meander cor. of frac. secs. 21 and 28, with brass cap mkd.,



1939

from which,

A norway pine, 12 ins. diam., bears S. 48¹/₂° W.,
134 lks. dist., mkd. T 36 N R 8 E S 28 M C B T

A tamarack, 5 ins. diam., bears N. 12⁵/₄° W.,
152 lks. dist., mkd. on the bark M C B T

Thence over marsh, along a fence.

53.50

Leave marsh, thence over rolling land with timber to the S. and cleared land to the N., bears N. and S.

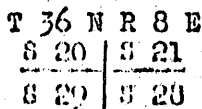
58.30

A fence to the S., continue along fence with cleared land on both sides of the line.

78.62

The point for the cor. of secs. 20, 21, 28, and 29 which is marked by an iron pin, 1 in. diam., set flush with the surface of the ground, at the corner of fences E., W., and S., said by John Hacker, an adjoining land owner to be the recognized corner for these secs.,

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the cor. of secs. 20, 21, 28, and 29, with brass tablet, 3¹/₂ ins. diam., 3 in. stem, embedded in top and mkd.,



1939

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

No accessories available.

Land, rolling.
Soil, sandy clay mixed with stone and gravel, 2nd rate.
Timber, poplar, maple, birch, oak, pine, basswood, elm, spruce, and tamarack; undergrowth, young trees, hazel brush, sumac, and brier.

N. 16° 49' W., bet. secs. 20 and 21.

Over rolling cleared land.

3.70 A creek, 10 lks. wide, 12 ins. deep, course SW.

9.90 The NE. cor. of John Hacker's house, 32 ft. X 48 ft., bears W., 47 lks. dist.

11.60 Intersect a frame barn, 40 ft. X 100 ft., 24 lks. from the SE. cor.

14.10 Enter timber and undergrowth, bears N. and S.

27.47 The point for the $\frac{1}{4}$ sec. cor., marked by the remains of a rotted stake, 3 ins. square, marked with a scribe " $\frac{1}{4}$ S" and is along side of a large fence post, fence bears E. and W.

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 20 | S 21

1939 from which,

Vaughn's bearing trees,

A red oak, 12 ins. diam., bears S. 18° E., 30 lks. dist., was mkd. on the bark " $\frac{1}{4}$ S B T", remark $\frac{1}{4}$ S 21 B T

A hemlock, 16 ins. diam., bears S. 47 $\frac{1}{2}$ ° W., 33 lks. dist., mkd. " $\frac{1}{4}$ S B T" add marks B T

And local bearing trees,

A dead hemlock, 12 ins. diam., bears S. 85 $\frac{1}{2}$ ° W., 46 lks. dist., mkd. $\frac{1}{4}$ S B T

This point for the $\frac{1}{4}$ sec. cor. was accepted only after interviewing several old men that had known about the corner as established by B. F. Dorr, former District Surveyor. Dorr's reputation as a competent surveyor was well known by everyone. In his field notes dated 1890, Dorr accepted a point for the meander cor. of secs. 20 and 21 and established the $\frac{1}{4}$ sec. cor. by proportion on the true line. These lines have been recognized by the adjoining land owners and improvements have been built to them. D. H. Vaughn, Surveyor, later found Dorr's location for the $\frac{1}{4}$ sec. cor. of secs. 20 and 21 and marked new bearing trees which were used to identify the point for the corner.

36.82 The point for the meander cor. of frac. secs. 20 and 21, determined by using the bearing and index error as found on the line between the $\frac{1}{4}$ sec. cor. and the cor. of secs. 20, 21, 28, and 29. The point for the cor. falls in a cleared field on what appears to be the old bank of Crescent Lake.

Set a concrete monument, 24 ins. long, 6 ins. diam., 22 ins. in the ground, for the meander cor. of frac. secs. 20 and 21, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.,

1863

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M C	
S 20	S 21
T 36 N R 8 E	S 21 M C B T
1939	

from which,

A maple, 6 ins. diam., bears S. 77° E., 152 lks.
dist., mkd. T 36 N R 8 E S 21 M C B T

A maple, 12 ins. diam., bears S. 46° W., 250 lks.
dist., mkd. B T

The present shore of Crescent Lake, bears North 1.00 chain distant,
over old lake bed.

Land, rolling.

Soil, sandy clay mixed with stone and gravel, 2nd rate.

Timber, poplar, birch, pine, oak, and basswood; undergrowth, young
trees, hazel brush, and brier.

From the cor. of secs. 8, 9, 16, and 17, previously described.

S. 3° 00' W., bet. secs. 16 and 17, marking and blazing the true line.

Over level swamp land, through spruce, tamarack, and pine timber.

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

5.15 A winding road, bears NW. and SE., thence along the edge of timber
with clearing and lake cottages to the west and timber to the east.

7.07 The point for the meander cor. of frac. secs. 16 and 17, as determined
from the remains of an original bearing tree, on the N. side of what
used to be a bay of Crescent Lake, on an old bank which is 3 ft. high
and bears NW. and SE.

Set an iron post, 36 ins. long, 2 ins. diam., 28 ins. in the ground,
for the meander cor. of frac. secs. 16 and 17, with brass cap mkd.,

T 36 N R 8 E	
S 17	S 16
M C	
1939	

from which,

The remains of the original bearing tree,

A white pine stump, 20 ins. diam., bears N. 83° W.,
18 lks. dist., has old scribe mks. "B T" with ring
growth of 60 yrs. over blaze, tree was 10 ins. diam.
when mkd., has new scribe mks. "R M C"

And new bearing trees,

A norway pine, 10 ins. diam., bears S. 46 $\frac{1}{2}$ ° E., 28
lks. dist., has overgrowth about 10 yrs. old and
scribe marks "S 16 M C B T"

A norway pine, 11 ins. diam., bears S. 88 $\frac{1}{4}$ ° W., 40
lks. dist., mkd. B T, is in lot of lake cottage.

The SE. cor. of a frame cottage 32 ft. X 28 ft., bears
N. 21 $\frac{1}{4}$ ° W., 65 lks. dist.

S. 0° 48' W., over level land that appears to be old lake bed,
through young poplar, pine, birch timber.

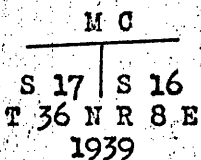
7.38 Proportionate distance; there is no remaining evidence of the orig-

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Chains

inal corner post or bearing trees, point falls on the S. side of an old bank, 3 ft. high, bearing N. 70° E. and S. 70° W.

Set an iron post, 36 ins. long, 2 ins. diam., 28 ins. in the ground, for the meander cor. of frac. secs. 16 and 17, with brass cap mkd.,



from which,

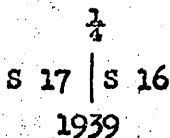
A poplar, 8 ins. diam., bears N. 77½° E., 31 lks. dist., mkd. T 36 N R 8 E S 16 M C B T

A poplar, 6 ins. diam., bears S. 54½° W., 16 lks. dist., mkd. T 36 N R 8 E S 17 M C B T

Thence over rolling land, through timber and undergrowth.

- 9.90 A winding road, bears N. 65° W. to cottage, and S. 60° E. to graded road.
- 16.40 A winding road, bears N. 70° W. and S. 80° E.
- 17.50 A winding road, bears N. 60° W. and S. 60° E.
- 20.90 A winding road, bears N. 55° W. and S. 50° E.
- 24.65 A graded road, bears NE. and SW.
- 35.30 A winding road, bears NE. and SW.
- 35.30 Proportionate distance; there is no remaining evidence of the original corner post or bearing trees, point falls in road.

Set a concrete monument, 24 ins. long, 6 ins. diam., flush with the surface of the ground, for the ¼ sec. cor., with brass tablet, 3½ ins. diam., 3 in. stem, embedded in top and mkd.,

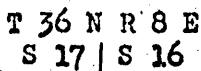


from which,

A birch, 5 ins. diam., bears S. 62° E., 74 lks. dist., mkd. ¼ S 16 B T

A poplar, 6 ins. diam., bears N. 77½° W., 32 lks. dist., mkd. ¼ S 17 B T

- 37.50 A graded road, bears E. and W.
 - 48.41 The point for the meander cor. of frac. secs. 16 and 17, as determined from the remains of the original bearing trees, on old lake bank, 4 ft. high, bearing N. 65° W. and S. 65° E.
- Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the meander cor. of frac. secs. 16 and 17, with brass tablet, 3½ ins. diam., 3 in. stem, embedded in top and mkd.,



M C

1939

from which,

The remains of the original bearing trees,

L 8634

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The burned roots of a hemlock stump, bears N. 62° E., 10 lks. dist.

A burned white pine stump, 18 ins. diam., bears N. 72° W., 12 lks. dist., Henry Weideman, Township Assessor, claims to have seen this tree when it was standing and the marks visible.

And local bearing trees,

A red oak, 4 ins. diam., bears S. 63½° E., 18 lks. dist., mkd. M C B T

A norway pine, 6 ins. diam., bears S. 5° E., 38 lks. dist., mkd. M C B T

And new bearing trees,

A poplar, 4 ins. diam., bears N. 54½° E., 19 lks. dist., mkd. on the bark T 36 N R 8 E S 16 M C B T

A poplar, 4 ins. diam., bears N. 30½° W., 47 lks. dist., mkd. on the bark T 36 N R 8 E S 17 M C B T

S. 7° 19' E., on a bearing to intersect a point 80 chs. W. of the cor. of secs. 15, 16, 21, and 22.

Over low land that appears to be old lake bed, through poplar, pine, birch, and tamarack timber; undergrowth, willow, alder and young trees.

6.26 Intersect the actual shore of Crescent Lake.

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the meander cor. of frac. secs. 16 and 17, with brass tablet, 3½ ins. diam., 3 in. stem, embedded in top and mkd.,

T 36 N R 8 E
S 17 | S 16

M C
1939

from which,

A norway pine, 8 ins. diam., bears N. 50½° E., 23 lks. dist., mkd. T 36 N R 8 E S 16 M C B T

A white pine, 10 ins. diam., bears N. 35½° W., 21 lks. dist., mkd. T 36 N R 8 E S 17 M C B T

Land, rolling.

Soil, sandy clay mixed with rock and gravel, 2nd rate.

Timber, poplar, birch, pine, maple, basswood, and hemlock; undergrowth, young trees, hazel brush, and brier.

From the cor. of secs. 15, 16, 21, and 22, previously described.

N. 89° 42' W., on a bearing to intersect the mid-point between the cor. of secs. 8, 9, 16, and 17, and the cor. of secs. 20, 21, 28, and 29.

Over rolling land, through poplar, birch, and pine timber.

5.50 Enter a spruce and tamarack swamp, bears N. and S.

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

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18.40	Enter a tamarack and spruce swamp, bears NW. and SE.
28.50	Leave swamp, thence over rolling land, through timber and undergrowth.
30.50	Enter a spruce and tamarack swamp, bears NW. and SE.
40.00	Record 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., $\begin{array}{r} \frac{1}{4} \text{ S } 16 \\ \frac{1}{4} \text{ S } 21 \end{array}$ 1939 from which, A spruce, 6 ins. diam., bears N. 3° E., 6 lks. dist., mkd. $\frac{1}{4}$ S 16 B T A spruce, 5 ins. diam., bears S. 1° W., 28 lks. dist., mkd. $\frac{1}{4}$ S 21 B T
43.10	Leave swamp, thence over rolling land, through young poplar and birch timber, bears N. 20° W. and S. 20° E.
46.81	Record 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 meander cor. of frac. secs. 16 and 21, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd., $\begin{array}{r} \text{M C} \\ \hline \text{T } 36 \text{ N} \\ \text{S } 16 \\ \text{S } 21 \\ \text{R } 8 \text{ E} \end{array}$ 1939 from which, A poplar, 4 ins. diam., bears N. 57° E., 28 lks. dist., mkd. on the bark T 36 N R 8 E S 16 M C B T A poplar, 3 ins. diam., bears S. $44\frac{1}{2}$ ° W., 7 lks. dist., mkd. on the bark T 36 N R 8 E S 21 M C B T
51.80	Enter a cranberry and spruce swamp, bears N. 30° W. and S. 30° E.
64.20	Leave swamp, thence over rolling land, through timber and undergrowth, bears NE. and SW.
68.43	A fence, bears N. 5° W. and S. 5° E., the NE. cor. of a barn 30 ft. X 50 ft., bears S. 61° E., 104 lks. dist., thence along the S. side of a cleared field with a barn yard and house yard to the S.
71.60	Smith's Lodge, 40 ft. X 40 ft., bears South, 59 lks. dist.
72.00	End of field to the north.
73.10	A graded road, bears N. 10° W. and S. 10° E., thence through timber.
75.30	Top of a steep bank, 30 ft. above lake, bears N. 20° W. and S. 20° E.
76.38	Intersect the actual east shore of Crescent Lake. Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the meander cor. of frac. secs. 16 and 21, with brass tablet, $3\frac{1}{2}$ ins. diam., 3 in. stem, embedded in top and mkd.,

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Chains

M C	T 36 N
	S 16
	S 21
	R 8 E
	1939

from which,

A norway pine, 6 ins. diam., bears N. 15° E., 17
lks. dist., mkd. T 36 N R 8 E S 16 M C B T

A norway pine, 8 ins. diam., bears S. 67° E., 69
lks. dist., mkd. T 36 N R 8 E S 21 M C B T

Land, rolling or level swamp.

Soil, sandy clay mixed with stone and gravel, 2nd rate; in the
swamps it is muck, 3rd rate.

Timber, poplar, birch, pine, hemlock, maple, oak, and basswood on
the upland, in the swamps it consists of spruce, tamarack, and cedar;
undergrowth, young trees, hazel brush, alder, and brier.

From the cor. of secs. 20, 21, 28, and 29, previously described.

S. 89° 41' W., bet. secs. 20 and 29, marking and blazing the true
line.

Over rolling cleared land, along a fence.

2.82 A creek, 10 lks. wide, 12 ins. deep, course S. 20° W.

6.68 A fence, bears N. and S.

19.50 End of fence, fence bears N. and S. along road.

19.85 A graded road, bears N. 11½° W. and S. 2¼° W.

39.54 The point for the ¼ sec. cor. as obtained from local information and
accepted as the best available evidence of the original position for
the corner. This point is along side of a fence corner post from
which fences bear N. 8° W. and S. 89° 10' W.; there is no remaining
evidence of the original corner post or bearing trees.

Set a concrete monument, 2¼ ins. long, 6 ins. diam., 20 ins. in the
ground, for the ¼ sec. cor., with brass tablet, ¾ ins. diam., 3 in.
stem, embedded in top and mkd.,

¼	S 20
¾	S 29

1939

No accessories available.

S. 89° 10' W., bet. secs. 20 and 29. (¾ mile)

10.49 A fence, bears N. and S.

39.49 The point for the cor. of secs. 19, 20, 29, and 30, marked by an
iron pipe, 1½ ins. diam., firmly set with 6 ins. of it above ground,
recognized by the adjoining land owners, graded roads bear N. and W.;
There is no remaining evidence of the original corner post or bearing
trees.

Set a concrete monument, 2¼ ins. long, 6 ins. diam., 18 ins. in the
ground, for the cor. of secs. 19, 20, 29, and 30, with brass tablet,
¾ ins. diam., 3 in. stem, embedded in top and mkd.,

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Chains

T 36 N R 8 E
S 19 | S 20
S 30 | S 29

1939

from which,

Dorr's bearing trees,

A white pine stump, bears N. 79° E., 13 lks.
dist., has scribe mks. "B T"

A white pine stump, 16 ins. diam., bears S. 2° W.,
32 lks. dist., has part of scribe mks. "B T"

And new bearing trees,

No bearing tree available to the NE.

A norway pine, 6 ins. diam., bears S. 33° E.,
42 lks. dist., mkd. T 36 N R 8 E S 29 B T

A white pine, 6 ins. diam., bears S. 45° W.,
89 lks. dist., mkd. T 36 N R 8 E S 30 B T

A white pine, 8 ins. diam., bears N. 80 $\frac{1}{2}$ ° W.,
165 lks. dist., mkd. T 36 N R 8 E S 19 B T

Land, rolling.

Soil, sandy clay mixed with stone and gravel, 2nd rate.

Timber, none.

N. 2° 43' W., bet. secs. 19 and 20.

Over rolling land, in a partly graded road, cleared field to the E.
and timber to the W.

39.60

Road curves to the east, enter timber and undergrowth.

39.78

The point for the $\frac{1}{4}$ sec. cor., marked by an iron pipe, 1 $\frac{1}{2}$ ins. diam.,
firmly set with 15 ins. of it above ground, has been known and
recognized by the adjoining land owner for 20 years; there is no
remaining evidence of the original corner post or bearing trees.

Set a concrete monument, 24 ins. long, 6 ins. diam., 20 ins. in the
ground, for the $\frac{1}{4}$ sec. cor., with brass tablet, 3 $\frac{1}{8}$ ins. diam., 3 in.
stem, embedded in top and mkd.,

$\frac{1}{4}$

S 19 | S 20

1939

from which,

A norway pine, 12 ins. diam., bears N. 34 $\frac{1}{4}$ ° E.,
54 lks. dist., mkd. $\frac{1}{4}$ S 20 B T

A white pine, 10 ins. diam., bears N. 76 $\frac{3}{4}$ ° W.,
48 lks. dist., mkd. $\frac{1}{4}$ S 19 B T

N. 8° 30' E., bet. secs. 19 and 20. (N $\frac{1}{4}$ mile)

1.70

A winding road, bears E. and W.

3.10

Enter a graded road, bears S. 20° E. and N. along line, cleared
field to the E.

22.00

Road curves to the NW., thence through timber and undergrowth.

30.20

End of cleared field to the E.

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- 31.80 Enter a muskeg swamp with a growth of thick young poplar along the edge, bears E. and W.
- 36.00 A drainage ditch, bears E. and W.
- 38.37 The point for the cor. of secs. 17, 18, 19, and 20, marked by a rusted well pipe, in place of which,

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for the cor. of secs. 17, 18, 19, and 20, with brass tablet, $\frac{3}{8}$ ins. diam., 3 in. stem, embedded in top and mkd.,

T 36 N R 8 E

S 18 | S 17

S 19 | S 20

1939

from which,

The remains of the original bearing trees,

A tamarack stump rotted to the ground, bears S. 50° E., 40 lks. dist.

A rotted tamarack stump, 6 ins. diam., bears S. 71° W., 33 lks. dist.

And local bearing trees, (Probably Dorr's)

A burned white pine stump, 16 ins. diam., bears N. $53\frac{1}{2}^{\circ}$ E., 36 lks. dist., mkd. "S 17 B T"

A white pine stump, 20 ins. diam., bears N. $34\frac{1}{2}^{\circ}$ W., 45 lks. dist., mkd. "S 18 B T"

An old fence corner post, 8 ins. diam., bears South, 1 lk. dist.

No trees available for new bearing trees.

The point for this corner could not be farther to the north as it is now on the very north edge of the swamp and no tamarack trees grow beyond this point.

Land, rolling or level.

Soil, sandy clay mixed with stone and gravel, 2nd rate, or muck, 3rd rate.

Timber, poplar, birch, oak, pine, maple, tamarack, and spruce; undergrowth, young trees, hazel brush, and brier.

N. $88^{\circ} 19'$ E., bet. secs. 17 and 20.

Over rolling land, through young timber and undergrowth, along the N. edge of muskeg swamp and an old fence.

- 15.01 The point for the meander cor. of frac. secs. 17 and 20, on the W. side of Cres. Lake and on the old bank of the lake which is 6 ft. high and bearing N. 20° W. and S. 20° E., marked by a squared pine stake, 4 ins. X 4 ins., set firmly in the ground with 18 ins. of it above the ground, from which,

The remains of the original bearing trees,

A white pine stump, 24 ins. diam., bears N. 19° W., 17 lks. dist., has old "V" out and new scribe marks "B T"

A birch stump hole, bears S. 12° W., 29 lks. dist.

No iron post or concrete monument was set at this point.

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There is 1 ch. of old lake bed between this point for the meander cor. and the actual shore of the lake.

Land, rolling.
Soil, sandy clay mixed with stone and gravel, 2nd rate.
Timber, young poplar, birch, oak, maple, and pine; undergrowth, alder, willow, and brier.

From the cor. of secs. 17, 18, 19, and 20.

N. 0° 42' E., bet. secs. 17 and 18, on a retracement of the line.

Line begins on the N. edge of a muskeg swamp, bearing E. and W., thence over rolling land, through young timber and undergrowth.

8.16 A graded road, bears E. and W.

11.92 The old bank of Crescent Lake, 2 ft. high, bears N. 60° W. and S. 60° E.

Fall 5 lks. W. of a rotted stake set for the meander cor. of frac. secs. 17 and 18, from which,

A white pine stump, 26 ins. diam., bears S. 80° W., 5 lks. dist.

A white pine stump, 18 ins. diam., bears S. 38½° E., 17 lks. dist., mkd. "B T"

Thence over what appears to be old lake bed.

12.97 The actual shore of Crescent Lake, bears N. 60° W. and S. 60° E.

Thence over small bay of Crescent Lake by triangulation.

24.80 The actual shore of Crescent Lake, bears N. 70° E. and S. 70° W.

Thence over what appears to be old lake bed.

25.83 Fall 17½ lks. E. of a point established from marked bearing trees, on the old lake bank, 6 ft. high, bears N. 70° E. and S. 70° W.

The above point was established from,

A white pine stump, 16 ins. diam., bears N. 81° E., 9 lks. dist.

A white pine stump, 18 ins. diam., out high, bears N. 55° W., 14 lks. dist., has a full length burnt blaze.

26.00 Fall 33 lks. W. of an iron pipe, 1 in. diam., firmly set with 4 ins. of it above ground, also on old lake bank, on the west side of a cleared lake cottage lot.

Thence over rolling land, through young timber and undergrowth.

32.60 A graded road, bears NE. and SW.

42.48 The point for the ¼ sec. cor., marked by an iron pipe, 1 in. diam., firmly set, with 12 ins. of it above ground, in place of which,

Set a concrete monument, 24 ins. long, 6 ins. diam., 20 ins. in the ground, for the ¼ sec. cor., with brass tablet, 3½ ins. diam., 3 in. stem, embedded in top and mkd.,

1

S 18 | S 17

1939

from which,

1863

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Chains

The remains of the original bearing trees.

A hemlock stump, 16 ins. diam., bears S. 82° E.,
20 lks. dist.

A hemlock stump, 16 ind. diam., bears S. 50° W.,
5 lks. dist., with plain marks "¼ S B T" visible.

And new bearing trees,

A poplar, 8 ins. diam., bears N. 62½° E., 15 lks.
dist., mkd. ¼ S 17 B T

A sugar maple, 16 ins. diam., bears S. 36¼° W.,
65 lks. dist., mkd. ¼ S 18 B T

N. 0°11' W., bet secs. 17 and 18, on true line (N½ mile)

12.00 Enter a spruce and tamarck swamp, bears NE. and SW.

15.00 Enter an open marsh, bears E. and W.

18.40 Leave marsh; thence over rolling land, through timber and undergrowth.

40.22 The point for the meander cor. of frac. secs. 17 and 18, on the old
bank of Crescent Lake, 2 ft. high, bearing NW. and SE., mkd. by an
iron pipe, 1 in. diam., 12 ins. above ground, firmly set, in place
of which

Set a concrete monument, 24 ins. long, 6 ins. diam., 20 ins. in the
ground, for meander cor. of frac. secs. 17 and 18, and for a witness
to the point for the cor. of secs. 7, 8, 17, and 18, with brass
tablet, 3½ ins. diam., 3 in. stem, embedded in top and mkd.

M C	
S 7	S 8
S 18	S 17
T 36 N R 8 E	

1939

from which,

The remains of the original bearing trees,

A hemlock stump, 10 ins. diam., bears S. 73° W.,
5 lks. dist.

A hemlock, 14 ins. diam., bears N. 69° E., 9 lks.
dist., with plain scribe marks "S 17 B T" visible.
This tree is recorded as N. 69° W., 9 lks. dist.
from the cor; the original record is manifestly in
error, as this is undoubtedly the original bearing
tree.

And local bearing tree,

A hemlock stump, 12 ins. diam., bears N. 77° W., 12
lks. dist., mkd. with knife "B T"

And new bearing trees,

A hemlock, 8 ins. diam., bears S. 57° E., 10 lks.
dist., mkd. T 36 N R 8 E S 17 M C B T

A hemlock, 10 ins. diam., bears N. 78° W., 70 lks.
dist., mkd. T 36 N R 8 E S 18 M C B T

41.52 Record distance from the meander cor.; point for the cor. of secs. 7,
8, 17, and 18, falls in Crescent Lake.

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T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

From this point, the cor. of secs. 8, 9, 16, and 17, bears
N. 89°31' E., 65.53 chs.

Land, rolling.

Soil, sandy clay mixed with stone and gravel, 2nd rate, or muck,
3rd rate.

Timber, poplar, birch, oak, maple, pine, hemlock, and basswood;
undergrowth, young trees, hazel brush, alder, and brier.

Establishment of a Portion of the Recorded
Original Meander Line of Crescent Lake, in
Secs. 16 and 21, as a fixed and Limiting
Boundary.

The recorded original meander line of Crescent Lake in secs. 16
and 21 is grossly erroneous and fails to represent the approximate
position of the actual lake. As a result of the erroneous record,
a considerable area of high, rolling upland is situated between the
position of the record meander line and the actual shore line of the
lake. In order to define the extent of this omitted public land
area, the portion of the original meander line adjacent thereto is
established on the ground as a fixed boundary.

Preliminary to the establishment of the original meander line
of Crescent Lake in secs. 16 and 21, the latitudes and departures
of the recorded meander courses were calculated and adjusted to a
closing with the restored section boundaries, distributing the
closing error along the several meander courses in proportion to the
length of each course, adopting new courses to the nearest minute,
with lengths to the nearest link; a similar distribution was made of
the closing error of the present survey, with resulting lines on the
ground as follows:

From the reestablished meander cor. of frac. secs. 16 and 21, which
bears N. 89°42' W., 46.81 chs. dist. from the cor. of secs. 15, 16,
21, and 22,

Thence with the adjusted record meander courses in sec. 16:

N. 6°08' E., over rolling land, through timber and undergrowth.

3.00 Enter dry spruce swamp, bears NW. and SE.

4.41 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. 16, with brass cap mkd.

T 36 N
 A P 1 | S 16
 | R 8 E
 1939

from which,

A balsam, 10 ins. diam., bears S. 8° E.,
98 lks. dist., mkd. A P 1 S 16 B T

A poplar, 4 ins. diam., bears S. 85½° W.,
27 lks. dist., mkd. A P 1 S 16 B T

Thence,

N. 4°05' W.,

9.83 Adjusted position for angle point 2,

Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground,

1863

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Chains

for angle point 2, sec. 16, with brass cap mkd.,

A P 2 $\left\{ \begin{array}{l} T 36 N \\ S 16 \\ R 8 E \end{array} \right.$

1939

from which,

A poplar, 3 ins. diam., bears S. 71° W.,
16 lks. dist., mkd. on the bark A P 2 S 16 B T

A poplar, 6 ins. diam., bears N. $12\frac{1}{2}^{\circ}$ W.,
70 lks. dist., mkd. A P 2 S 16 B T

Thence,

N. 16° $12\frac{1}{2}'$ W.,

0.60 Leave swamp, thence over higher land, through timber and undergrowth,
bears N. 70° E. and S. 70° W.

3.48 Adjusted position for angle point 3,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 3, sec. 16, with brass cap mkd.,

A P 3 $\left\{ \begin{array}{l} T 36 N \\ S 16 \\ R 8 E \end{array} \right.$

1939

from which,

A poplar, 4 ins. diam., bears S. 19° E.,
39 lks. dist., mkd. on the bark A P 3 S 16 B T

A poplar, 4 ins. diam., bears S. $72\frac{1}{2}^{\circ}$ W.,
29 lks. dist., mkd. on the bark A P 3 S 16 B T

Thence,

N. 27° $42'$ E.,

6.76 Adjusted position for angle point 4,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 4, sec. 16, with brass cap mkd.,

A P 4 $\left\{ \begin{array}{l} T 36 N \\ S 16 \\ R 8 E \end{array} \right.$

1939

from which,

A poplar, 4 ins. diam., bears S. $20\frac{1}{2}^{\circ}$ E., 31
lks. dist., mkd. on the bark A P 4 S 16 B T

A birch, 6 ins. diam., bears S. $46\frac{1}{2}^{\circ}$ W., 25
lks. dist., mkd. on the bark A P 4 S 16 B T

Thence,

N. 35° $59'$ E.,

2.50 Thence along the W. side of a grass and willow marsh, bears S. 25° W.
and N. 36° E.

5.00 Enter marsh, bears to the N.

5.00 Enter thick spruce swamp, bears N. and S.

15.44 Adjusted position for angle point 5,

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Chains

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 5, sec. 16, with brass cap mkd.,

$$\begin{array}{l} \text{A P 5} \left\{ \begin{array}{l} \text{T 36 N} \\ \text{S 16} \\ \text{R 8 E} \end{array} \right. \end{array}$$

1939

from which,

A tamarack, 6 ins. diam., bears S. $18\frac{3}{4}^{\circ}$ W.,
24 lks. dist., mkd. A P 5 S 16 B T

A poplar, 3 ins. diam., bears S. $63\frac{1}{2}^{\circ}$ W., 8
lks. dist., mkd. A P 5 S 16 B T

Thence,

N. $4^{\circ} 06'$ E.,

1.20 Leave swamp, thence over rolling land, through timber and undergrowth,
bears NE. and SW.

7.83 Adjusted position for angle point 6,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 6, sec. 16, with brass cap mkd.,

$$\text{A P 6} \left\{ \begin{array}{l} \text{T 36 N} \\ \text{S 16} \\ \text{R 8 E} \end{array} \right.$$

1939

from which,

A white pine, 6 ins. diam., bears N. $37\frac{1}{2}^{\circ}$ E.,
17 lks. dist., mkd. A P 6 S 16 B T

A poplar, 6 ins. diam., bears N. $28\frac{3}{4}^{\circ}$ W.,
20 lks. dist., mkd. A P 6 S 16 B T

Thence,

N. $17^{\circ} 11'$ W.,

0.50 Enter an open marsh, bears N. 60° E. and S. 60° W.

4.10 Leave marsh, thence over rolling land, through timber and undergrowth,
bears NE. and SW.

4.47 Adjusted position for angle point 7,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 7, sec. 16, with brass cap mkd.,

$$\text{A P 7} \left\{ \begin{array}{l} \text{T 36 N} \\ \text{S 16} \\ \text{R 8 E} \end{array} \right.$$

1939

from which,

A poplar, 4 ins. diam., bears S. $36\frac{1}{2}^{\circ}$ W., 56
lks. dist., mkd. on the bark A P 7 S 16 B T

A poplar, 4 ins. diam., bears N. $16\frac{1}{2}^{\circ}$ W., 33
lks. dist., mkd. on the bark A P 7 S 16 B T

Thence,

N. $62^{\circ} 44'$ W.,

3.50 Adjusted position for angle point 8,

18634

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
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Chains

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 8, sec. 16, with brass cap mkd.,

T 36 N R 8 E
S 16

A P 8

1939

from which,

A white pine, 12 ins. diam., bears N. $65\frac{1}{2}^{\circ}$ E.,
78 lks. dist., mkd. A P 8 S 16 B T

A poplar, 4 ins. diam., bears S. 30° W., 28
lks. dist., mkd. on the bark A P 8 S 16 B T

Thence,

N. $85^{\circ} 09'$ W.,

0.70

Enter a spruce and tamarack swamp, bears N. and SW.

4.13

Adjusted position for angle point 9, on the west edge of swamp
bearing N. 30° W. and S. 30° E.

Set and iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 9, sec. 16, with brass cap mkd.,

T 36 N R 8 E
S 16

A P 9

1939

from which,

A white pine, 8 ins. diam., bears S. $63\frac{1}{2}^{\circ}$ E.,
73 lks. dist., mkd. A P 9 S 16 B T

A poplar, 4 ins. diam., bears N. $3\frac{1}{2}^{\circ}$ E., 15
lks. dist., mkd. on the bark A P 9 S 16 B T

Thence, over rolling land, through timber and undergrowth.

S. $82^{\circ} 15'$ W.,

2.15

Intersect the shore of Bass Lake, bears N. 20° E. and S. 10° W.

Set an iron post, 36 ins. long, 2 ins. diam., 28 ins. in the ground,
for an auxiliary meander cor., sec. 16, with brass cap mkd.,

AMC / T 36 N
S
16
R 8 E

1939

from which,

A norway pine, 10 ins. diam., bears N. 40° E.,
69 lks. dist., mkd. S 16 A M C B T

A white pine, 6 ins. diam., bears S. 2° W.,
11 lks. dist., mkd. S 16 A M C B T

Thence over Bass Lake.

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
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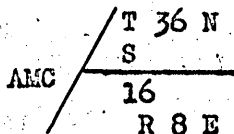
Chains	
15.05	Adjusted position for angle point 10, falls in Bass Lake.
	Thence,
	S. 74° 33' W.,
15.58	Adjusted position for angle point 11, falls in Bass Lake.
	Thence,
	S. 30° 13' W.,
5.68	Adjusted position for angle point 12, falls in Bass Lake.
	Thence,
	S. 8° 50' E.,
2.41	Intersect the shore of Bass Lake, bears N. 74° W. and S. 83° E.
	Thence over narrow point not claimed as public land.
	Land rolling and covered with timber and undergrowth.
3.84	Adjusted position for angle point 13, not monumented.
	Thence,
	S. 61° 08' E.,
4.14	Intersect the shore of Bass Lake, bears N. and S. 16° E.
	Thence over a small bay of Bass Lake.
8.31	Intersect the shore of Bass Lake, bears N. 59° E. and S. 67° W.

18681

Dependent Resurvey and Extension Survey, Seos. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

Chains

Set an iron post, 36 ins. long, 2 ins. diam., 28 ins. in the ground,
for an auxiliary meander cor., sec. 16, with brass cap mkd.,



1939 from which,

A poplar, 4 ins. diam., bears S. 63° W., 18 lks.
dist., mkd. S 16 A M C B T

A burr oak, 5 ins. diam., bears S. 67° E.,
50 lks. dist., mkd. S 16 A M C B T

Thence over rolling land, through timber and undergrowth.

15.64 Adjusted position for angle point 14,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 14, sec. 16, with brass cap mkd.,



1939 from which,

A birch, 5 ins. diam., bears S. 61 $\frac{3}{4}$ ° W.,
22 lks. dist., mkd. A P 14 S 16 B T

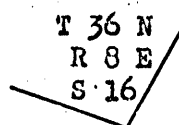
A poplar, 4 ins. diam., bears N. 30 $\frac{3}{4}$ ° W.,
21 lks. dist., mkd. A P 14 S 16 B T

Thence,

S. 11° 46' W.,

7.43 Adjusted position for angle point 15,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 15, sec. 16, with brass cap mkd.,



1939 from which,

A birch, 6 ins. diam., bears S. 1 $\frac{1}{2}$ ° W., 51
lks. dist., mkd. on the bark A P 15 S 16 B T

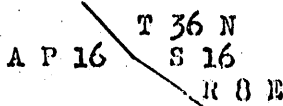
A maple, 4 ins. diam., bears N. 40° W., 19
lks. dist., mkd. on the bark A P 15 S 16 B T

Thence,

N. 86° 10' W.,

9.56 Adjusted position for angle point 16,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 16, sec. 16, with brass cap mkd.,



1939 from which,

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Chains

	<p>A poplar, 3 ins. diam., bears N. 71° E., 19 lks. dist., mkd. on the bark A P 16 S 16 B T</p> <p>A poplar, 3 ins. diam., bears S. 54⁵/₄° E., 22 lks. dist., mkd. on the bark A P 16 S 16 B T</p> <p>Thence,</p> <p>N. 65° 50' W.,</p>
4.22	A graded road, bears N. and S.
8.80	The old bank of Crescent Lake, bears SE. and N. 66° W. along line.
10.82	The meander cor. of frac. secs. 16 and 17, previously described.
	<p>Land, rolling or level swamp. Soil, sandy clay mixed with stone and gravel, 2nd rate; muok, 3rd rate. Timber, poplar, birch, maple, oak, pine, basswood, balsam, hemlock, spruce, tamarack, and cedar; undergrowth, young trees, hazel brush, alder, and brier.</p>
	<p>From the meander cor. of frac. secs. 20 and 21, on the S. side of Crescent Lake.</p> <p>Thence with the adjusted record meanders in sec. 21.</p> <p>S. 82° 54' E.,</p> <p>Over pasture land and old lake bed.</p>
1.00	The shore of Crescent Lake, bears NW. and SE., thence over Crescent Lake.
3.77	Adjusted position for angle point 1, falls in Crescent Lake.
	<p>Thence,</p> <p>N. 81° 59' E.,</p>
2.62	Adjusted position for angle point 2, falls in Crescent Lake.
	<p>Thence,</p> <p>N. 69° 01' E.,</p>
3.40	Adjusted position for angle point 3, falls in Crescent Lake.
	<p>Thence,</p> <p>N. 55° 14' E.,</p>
5.49	Adjusted position for angle point 4, falls in Crescent Lake.
	<p>Thence,</p> <p>N. 52° 58' E.,</p>
4.95	Adjusted position for angle point 5, falls in Crescent Lake.
	<p>Thence,</p> <p>N. 57° 43' E.,</p>
6.04	Adjusted position for angle point 6, falls in Crescent Lake.
	Thence,

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Chains

N. 39° 09' E.,

4.58 Adjusted position for angle point 7, falls in Crescent Lake.

Thence,

N. 31° 44' E.,

4.68 Adjusted position for angle point 8, falls in Crescent Lake.

Thence,

N. 27° 58' E.;

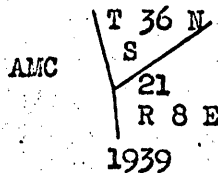
5.40 Adjusted position for angle point 9, falls in Crescent Lake.

Thence,

N. 22° 08' E.,

1.70 Intersect the shore of Crescent Lake, bears N. 14° W. and S. 2° E.

Set a concrete monument, 24 ins. long, 6 ins. diam., 18 ins. in the ground, for an auxiliary meander cor., sec. 21, with brass tablet, 3 1/2 ins. diam., 3 in. stem, embedded in top and mkd.;



from which,

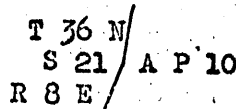
A tamarack, 4 ins. diam., bears S. 59° E.,
32 lks. dist., mkd. S 21 A M C B T

A tamarack, 4 ins. diam., bears N. 13° E.,
54 lks. dist., mkd. S 21 A M C B T

Thence over low sandy soil that appears to be old lake bed.

6.13 Adjusted position for angle point 10,

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground, for angle point 10, sec. 21, with brass cap mkd.,



1939

from which,

A norway pine, 6 ins. diam., bears S. 10 1/2° E.,
47 lks. dist., mkd. A P 10 S 21 B T

A norway pine, 8 ins. diam., bears S. 18 3/4° W.,
53 lks. dist., mkd. A P 10 S 21 B T

Thence,

N. 14° 51' E.,

Continue over old lake bed, through timber and undergrowth.

0.36 The old bank of Crescent Lake, 4 ft. high, bears NW. and SE.

3.16 A trail, bears N. 70° W. and S. 70° E.

6.86 Adjusted position for angle point 11,

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Chains

Set an iron post, 36 ins. long, 1 in. diam., 28 ins. in the ground,
for angle point 11, sec. 21, with brass cap mkd.,

T 36 N /
S 21 / A P 11
R 8 E

1939

from which,

A red oak, 14 ins. diam., bears S. $12\frac{1}{2}^{\circ}$ E.,
50 lks. dist., mkd. A P 11 S 21 B T

A hemlock, 8 ins. diam., bears S. 38° W.,
60 lks. dist., mkd. A P 11 S 21 B T

Thence,

N. $9^{\circ} 02'$ E.,

5.10

Enter young poplar and birch timber, bears E. and SW.

10.32

The reestablished point for the meander cor. of frac. secs. 16 and 21.

Land, rolling.

Soil, sandy clay mixed with stone and gravel, 2nd rate.

Timber, poplar, birch, hemlock, oak, pine, basswood, and maple;
undergrowth, young trees, hazel brush, alder, willow, and brier.

Meanders of the Actual Shore of Crescent Lake,
in Secs. 16 and 21.

From the meander cor. of frac. secs. 16 and 17, on the actual shore
of Crescent Lake.

Thence with the meanders of the actual shore of Crescent Lake in sec.
16.

Along a low sand and gravel bank.

S. $43^{\circ} 00'$ E., 0.30 chs.

S. $35^{\circ} 00'$ E., 0.87 "

S. $11^{\circ} 15'$ E., 1.60 "

S. $21^{\circ} 45'$ E., 1.40 "

S. $25^{\circ} 00'$ E., 7.00 "

S. $6^{\circ} 30'$ E., 6.20 "

S. $17^{\circ} 15'$ E., 2.98 " To the meander cor. of frac. secs. 16 and
21.

Land, level lake shore.

Soil, sandy gravel, 4th rate.

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

Thence with the meanders of the actual shore of Crescent Lake in sec.
21.

Continue along a low sand and gravel bank.

1868

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S. 9° 11' E.,	3.61 chs.	
S. 1° 15' W.,	1.50 "	
S. 10° 15' W.,	1.80 "	
S. 2° 15' W.,	2.40 "	
S. 9° 45' E.,	2.70 "	
S. 45° 30' E.,	1.80 "	
S. 86° 00' E.,	0.94 "	
N. 20° 30' E.,	0.90 "	
N. 54° 30' E.,	1.20 "	
S. 86° 00' E.,	3.30 "	
N. 86° 00' E.,	3.20 "	
S. 66° 15' E.,	3.10 "	
S. 71° 00' E.,	2.90 "	At 1.40 chs. on this course, a fill and boat landing extends 1.20 chs. into lake. From this angle point, the SE. cor. of a boat house, 20 ft. X 40 ft., bears N. 65° W., 32 lks. dist.
S. 35° 00' E.,	2.20 chs.	
S. 41° 45' E.,	1.10 "	
S. 58° 45' E.,	1.20 "	
S. 66° 00' E.,	0.90 "	
N. 86° 30' E.,	2.00 "	
S. 68° 30' E.,	1.10 "	
S. 34° 15' E.,	1.90 "	
S. 14° 30' E.,	1.80 "	To the auxiliary meander cor., sec. 21, on the adjusted original meanders of Crescent Lake.
S. 2° 30' E.,	4.74 chs.	
S. 15° 30' W.,	4.00 "	At 2.55 chs. on this course, a fence bears to the E.
S. 28° 30' W.,	2.90 "	At 2.80 chs. on this course, a portage to Lake Emma bears to the E.
S. 33° 45' W.,	3.50 "	
S. 43° 00' W.,	2.60 "	
S. 51° 30' W.,	2.70 "	
S. 61° 45' W.,	3.60 "	
S. 68° 45' W.,	5.10 "	
S. 61° 30' W.,	6.50 "	
S. 74° 15' W.,	2.40 "	

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- N. 78° 45' W., 1.60 chs. This point falls on the left bank of a stream, course S. 8° E., the outlet of Crescent Lake.
- S. 74° 30' W., 3.20 chs. At 0.60 chs. on this course, the right bank of outlet to Crescent Lake.
- N. 67° 00' W., 1.50 chs.
- N. 45° 43' W., 2.18 " To a stake set 1 ch. N. of the meander cor. of frac. secs. 20 and 21, on the S. side of Crescent Lake.

Land, level lake shore.

Soil, sand and gravel, 4th rate.

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

Meanders of the Actual Shore of Bass Lake,
in Sec. 16.

From a point on the shore of Bass Lake from which the $\frac{1}{4}$ cor. of secs. 16 and 17, bears S. 81° 15' W., 0.70 chs. dist.

Thence with the actual meanders of the actual shore of Bass Lake, in sec. 16.

Along a low sandy shore, through timber and undergrowth.

- N. 88° 30' E., 2.80 chs.
- S. 48° 30' E., 2.60 "
- S. 73° 45' E., 1.48 " Intersect the adjusted original meander line of Crescent Lake.
- S. 83° 00' E., 1.75 "
- N. 73° 45' E., 0.90 "
- S. 76° 00' E., 1.20 "
- N. 58° 15' E., 1.40 "
- S. 60° 15' E., 0.80 "
- S. 39° 00' W., 2.90 "
- S. 0° 30' E., 1.24 " Intersect the adjusted original meander line of Crescent Lake.
- S. 16° 30' E., 1.58 "
- S. 62° 00' E., 2.20 "
- N. 67° 06' E., 1.38 " To the auxiliary meander cor., sec. 16, on the adjusted original meanders of Crescent Lake.
- N. 59° 15' E., 0.92 chs.
- N. 81° 45' E., 2.40 "
- N. 50° 15' E., 1.90 "
- N. 20° 30' E., 1.70 "

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
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N. 50° 00' E.,	1.70 chs.	
N. 72° 15' E.,	2.00 "	
N. 87° 00' E.,	2.80 "	
N. 68° 15' E.,	1.00 "	
N. 49° 00' E.,	2.00 "	
N. 14° 30' E.,	2.06 "	
N. 56° 30' E.,	1.80 "	
N. 13° 45' E.,	1.60 "	
N. 49° 45' W.,	1.00 "	
S. 67° 45' W.,	1.00 "	
S. 33° 15' W.,	1.30 "	
N. 10° 30' W.,	2.00 "	
N. 42° 15' E.,	1.40 "	
N. 67° 15' E.,	1.40 "	
S. 85° 00' E.,	1.60 "	
N. 84° 45' E.,	1.00 "	
S. 80° 45' E.,	2.30 "	An Old clearing begins to the right.
N. 60° 15' E.,	1.20 "	
N. 27° 00' E.,	2.20 "	At 1.00 ch. on this course, timber begins to the right, consisting mostly of poplar, pine, and birch.
N. 9° 52' E.,	2.03 chs.	To the auxiliary meander cor., sec. 16, on the adjusted original meanders of Crescent Lake.
N. 27° 21' E.,	2.51 chs.	
N. 48° 30' E.,	1.80 "	
N. 16° 15' E.,	1.50 "	
N. 28° 00' W.,	1.00 "	
N. 1° 15' W.,	1.30 "	
N. 17° 45' E.,	1.30 "	
N. 20° 30' W.,	2.80 "	
N. 87° 15' W.,	1.30 "	
S. 1° 30' E.,	1.00 "	A small alder marsh to the right on this course.
S. 82° 15' W.,	3.20 "	
S. 53° 45' W.,	2.10 "	
S. 60° 45' W.,	2.60 "	Along sandy bank, 2 ft. high, higher bank to the right.
N. 87° 45' W.,	1.50 "	

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
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N. 69° 00' W.,	1.50	chs.	
N. 45° 45' W.,	2.10	"	
N. 67° 30' W.,	2.20	"	
S. 83° 15' W.,	1.50	"	
S. 61° 00' W.,	5.70	"	
S. 23° 45' W.,	1.35	"	Thence along a low sandy shore around a point.
S. 28° 00' W.,	1.30	chs.	
S. 17° 00' W.,	0.90	"	
N. 72° 30' W.,	0.50	"	
N. 34° 00' E.,	1.10	"	Thence along bank, 2 ft. high, with timber and undergrowth.
N. 40° 00' W.,	1.40	chs.	
S. 18° 45' W.,	1.30	"	
S. 83° 00' W.,	1.30	"	
N. 53° 15' W.,	1.60	"	
N. 26° 15' W.,	0.75	"	
N. 37° 45' E.,	1.80	"	
N. 44° 15' W.,	1.70	"	
N. 38° 30' W.,	3.70	"	
N. 75° 15' W.,	2.00	"	
S. 69° 15' W.,	1.10	"	At 0.95 chs. on this course is the mouth of a drain from the north, 10 lks. wide.
S. 13° 00' W.,	3.30	chs.	At 3.00 chs. on this course, a road bears N. 60° W.
S. 19° 30' E.,	2.00	chs.	
S. 22° 30' E.,	2.95	"	
S. 22° 45' W.,	1.30	"	
S. 48° 00' W.,	1.30	"	
S. 65° 45' W.,	2.40	"	
S. 47° 00' W.,	2.80	"	
S. 13° 00' W.,	1.90	"	
S. 36° 45' W.,	1.10	"	
S. 47° 00' W.,	1.60	"	
S. 11° 15' E.,	1.40	"	
S. 36° 30' W.,	1.40	"	
S. 8° 45' W.,	1.70	"	

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T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

S. 1° 00' W., 1.60 chs.

S. 51° 45' E., 0.69 " To the place of beginning.

Land, level lake shore.

Soil, sand and gravel with some clay, 3rd rate.

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

Meanders of the Actual Shore of Lake Emma,
Sec. 21.

From the meander cor. of frac. secs. 21 and 28, on the E. side of
Lake Emma.

Thence with the meanders of the actual shore of Lake Emma, in sec. 21.

Along a swampy shore with mostly spruce and pine timber.

N. 19° 30' E., 1.50 chs.

N. 9° 30' W., 1.50 "

N. 25° 30' W., 2.00 "

S. 76° 00' W., 1.90 "

N. 57° 15' W., 1.40 " Thence along bank, 1 ft. high with timber
and undergrowth.

N. 41° 15' E., 2.30 "

N. 7° 30' W., 1.40 "

S. 87° 15' W., 2.20 "

N. 52° 30' W., 1.30 " A small island, about $\frac{1}{2}$ acre, bears
S. 74° W., Approximately 8 chs. dist.
Cottage on island.

N. 1° 00' E., 1.20 chs.

N. 57° 30' E., 1.70 "

S. 87° 00' E., 3.10 "

S. 17° 00' E., 2.40 " Thence along foot of bank, 15 ft. high.

S. 55° 00' E., 1.90 "

S. 79° 00' E., 2.10 "

S. 42° 30' E., 1.80 "

S. 80° 00' E., 2.90 "

N. 36° 45' E., 3.30 "

N. 55° 30' E., 1.80 " Thence along a low and somewhat swampy
shore, high bank turns to the east.

N. 3° 30' E., 1.70 chs. The center of a graded road is 30 lks.
E., roads bear N. and SE.

N. 79° 30' W., 1.30 chs. Thence along a sandy low shore.

N. 13° 30' W., 2.40 "

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

N. 23° 45' E.,	1.30	chs.	
N. 69° 30' E.,	3.20	"	At 2.20 chs. on this course, a spruce swamp begins to the right. At this point a graded road is 30 lks. E.
N. 39° 00' W.,	2.10	chs.	At 50 lks. on this course, end of swamp to the right, bears E.
S. 78° 30' W.,	1.70	chs.	
N. 51° 00' W.,	1.60	"	
N. 39° 45' W.,	1.90	"	
N. 7° 45' E.,	1.90	"	
N. 76° 15' W.,	6.50	"	
N. 22° 15' W.,	5.00	"	
N. 50° 15' W.,	1.90	"	
N. 27° 15' W.,	1.10	"	
N. 20° 00' E.,	1.60	"	
N. 51° 00' E.,	1.10	"	
S. 87° 30' E.,	2.40	"	A small log house bears S. 20° E., about 3.00 chs. dist.
N. 43° 45' E.,	1.90	chs.	
N. 25° 45' E.,	2.10	"	
N. 4° 30' E.,	3.90	"	
N. 44° 15' E.,	1.60	"	
N. 87° 45' E.,	2.10	"	
S. 78° 45' E.,	2.70	"	
S. 2° 15' E.,	2.70	"	At this point a spruce and tamarack swamp begins to the right, high land bears SW.
S. 59° 45' E.,	2.50	chs.	
S. 88° 15' E.,	3.20	"	
N. 17° 45' E.,	1.80	"	
N. 59° 15' E.,	1.10	"	
S. 81° 45' E.,	2.60	"	
N. 7° 30' E.,	2.00	"	At this point, end of swamp to the right, thence along sandy bank, 2 ft. high with timber and undergrowth.
N. 67° 00' W.,	1.20	chs.	
N. 10° 00' W.,	1.90	"	
N. 23° 00' E.,	1.30	"	
N. 5° 00' E.,	1.40	"	

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Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

N. 28° 30' E.,	1.50	chs.	
N. 7° 45' E.,	3.00	chs.	
N. 33° 00' E.,	3.10	"	At 1 ch. on this course, a spruce and tamarack swamp begins to the right. Thence along a marshy shore.
N. 41° 00' W.,	4.40	chs.	
N. 25° 45' W.,	3.30	"	
N. 21° 30' W.,	2.70	"	
N. 58° 30' W.,	2.60	"	
S. 70° 00' W.,	2.80	"	
S. 53° 30' W.,	2.20	"	
S. 13° 15' E.,	2.23	"	Thence along firmer shore.
S. 65° 00' W.,	2.10	"	
S. 8° 45' W.,	0.80	"	
S. 37° 45' W.,	2.80	"	Thence along foot of high bank with thick brush and timber.
S. 62° 00' W.,	1.40	chs.	
N. 88° 15' W.,	1.20	"	
N. 38° 15' W.,	1.20	"	
N. 18° 15' W.,	2.80	"	
N. 32° 00' W.,	2.10	"	
N. 21° 30' W.,	1.80	"	Thence along sandy shore, 1 ch. of high land then swamp to the right.
N. 61° 15' W.,	3.00	chs.	
N. 72° 45' W.,	4.10	"	2 chs. of high land, then swamp to the R.
S. 81° 45' W.,	3.10	"	
N. 81° 00' W.,	1.20	"	Thence along firm brushy shore with 1 ch. of high land, then swamp to the right.
N. 48° 45' W.,	1.50	chs.	
N. 28° 30' W.,	1.10	"	End of high land to the right, thence along swampy shore.
N. 6° 30' E.,	1.10	chs.	
N. 79° 45' W.,	1.70	"	
S. 79° 30' W.,	1.20	"	
S. 86° 45' W.,	2.90	"	
S. 67° 15' W.,	3.30	"	
S. 16° 00' W.,	1.50	"	At 1.10 chs. on this course, a dry drain, bears west.
S. 1° 30' E.,	2.10	chs.	At 1.30 chs. on this course, end of swamp

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
T. 36 N., R. 8 E., 4th Principal Meridian, Wisconsin.

		to the right. Thence along sandy shore with timber and undergrowth to the right.
S. 40° 45' W.,	0.70 chs.	Bank is from 2 to 4 ft. high.
S. 64° 15' W.,	2.60 "	
S. 35° 15' W.,	1.80 "	
S. 22° 45' W.,	3.83 "	To a stake, 4 ins. square, mkd. with a scribe "M C", in fence which bears W. to Crescent Lake.
S. 15° 45' W.,	2.40 chs.	
S. 33° 15' W.,	2.70 "	
S. 22° 15' W.,	2.10 "	At 1.10 chs. on this course, a portage bears W. to Crescent Lake.
S. 12° 15' W.,	2.10 chs.	
S. 34° 45' W.,	2.70 "	
S. 50° 15' W.,	2.90 "	
S. 32° 15' W.,	2.40 "	From this point, the NE. point of a field bears W., about 2 chs. dist.
S. 16° 15' W.,	1.80 chs.	From this point, a ridge which runs along E. side of field, bears S. 10° W., swamp land on E. side of ridge.
S. 21° 30' E.,	2.60 chs.	This course is along a muddy shore with willow and alder marsh to the right.
S. 12° 30' E.,	1.90 chs.	
S. 25° 30' E.,	1.53 "	
S. 8° 45' W.,	2.10 "	This point falls at the S. end of a marsh to the right, high land lying S. of marsh, bears N. 40° W.
S. 36° 00' E.,	2.20 chs.	The shore along this bank is stony with banks from 4 to 6 ft. high.
S. 2° 30' E.,	1.10 chs.	
S. 19° 45' W.,	1.70 "	
S. 13° 00' E.,	1.94 "	
S. 66° 00' E.,	3.50 "	At 40 lks. on this course is a creek, 8 lks. wide, course SW.
S. 45° 45' E.,	3.20 chs.	
S. 29° 00' E.,	1.70 "	
S. 9° 15' E.,	3.50 "	At 1.85 chs. on this course, a fence, bears W. along the N. side of a field. Thence along bank, 2 to 4 ft. high with field to the right.
S. 30° 45' E.,	5.00 chs.	
S. 15° 00' E.,	2.60 "	
S. 22° 00' W.,	1.10 "	

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S. 38°00' W., 3.30 chs.

S. 13°30' E., 3.26 chs. To the meander cor. of frac. secs. 21 and 22, on the W. shore of Lake Emma.

Land, level lake shore.

Soil, mostly sand with some stone and gravel, 3rd rate; muck, 3rd rate.

Timber, poplar, birch, pine, maple, spruce, and tamarack; undergrowth young trees, alder, willow, and vines.

Meanders of a Bay of a Lake in the Southeast
Quarter of Sec. 21.

From the meander cor. of frac. secs. 21 and 22, on the N. shore of the bay of the lake.

Thence with the meanders of the actual shore of the lake in sec. 21.

Along a low swampy shore, with swamp to the right.

S. 40°48' W., 4.54 chs.

S. 41°30' W., 3.30 "

S. 14°30' E., 2.30 chs.

S. 38°48' E., 2.68 " High land about 1 ch. to the right.

S. 56°15' E., 1.90 "

S. 63°00' E., 1.80 "

S. 43°45' E., 2.42 " To the meander cor. of frac. secs. 21 and 22 on the S. shore of the bay of the lake.

Land, level lake shore.

Soil, muck in swamp, 4th rate.

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

General Description.

The omitted public land area, designated as lots 7, 8, 9, 10, and 11, sec. 16, and lots 9 and 10, sec. 21, is principally high, rolling upland, reaching a maximum elevation of 50 ft. above the level of the nearby lakes. Lots 7, 8, 10, and 11, sec. 16, and lots 9 and 10, sec. 21, contain small areas of swamp land but each lot is more than 50% upland; lot 9, sec. 16, is all upland. The soil is a sandy clay loam, with stone and gravel in portions of the surveyed areas.

The entire area except for the swamps has been heavily timbered with pine, oak, hemlock, maple, birch, poplar, spruce, balsam, basswood, and ironwood. The original timber growth was cut many years ago and the stumps are badly burned and rotted. Many of the trees were from 20 to 40 inches in diameter at the time of cutting. The upland area is now covered with a heavy growth of young poplar, pine, birch, oak, and maple timber, and undergrowth. The timber in the swamps is spruce, tamarack and cedar.

The remains of the original timber growth, the elevation of the upland in comparison with the lake levels, and the character of the soil afford abundant proof that the land was in place and well above the lake levels in 1848, when Wisconsin was admitted into the Union, and in 1863, the year in which the township was subdivided. The soil, timber, and elevation of the omitted lands does not differ from that of the adjoining lands which were included in the original survey.

Dependent Resurvey and Extension Survey, Secs. 16 and 21,
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Crescent Lake, Bass Lake, and Lake Emma, are navigable lakes. The present level of Crescent Lake is about 5 ft. lower than its normal level at the time of the original survey. This condition was brought about by dredging the outlet of the lake to facilitate logging operations in this region many years ago. The lowering of the water level has created a strip of land between the old bank and the present shore line which has an average width of about 2.00 chs. This area is covered with a good growth of young poplar, pine, elm and willow timber.

The improvements in sec. 16 consist of a well graded road which winds through the section a short distance east of the shore of Crescent Lake; an abandoned clearing on the south shore of Bass Lake, which was the site of a former logging camp; and a clearing of about 10 acres in lot 10. There is one cottage 18 by 24 ft. in size located on the shore of Crescent Lake in lot 10, sec. 16. Partly improved roads lead to eight cottages located along the lake shore in sec. 21; the cottages are part of the Smith resort property. The main lodge of this resort is located near the north line of sec. 21.

Survey completed October 14, 1939

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FIELD ASSISTANTS

NAMES	CAPACITY
Alfred Berger	Principal Assistant.
Alvin Stenstrom	Principal Assistant.
Lester E. Larson	Axeman.

CERTIFICATE OF SURVEYOR

I, Hal D. Craig, Surveyor, HEREBY CERTIFY upon honor that, in supplemental pursuance of special instructions bearing date of the 26 day of July, 1939, received from the ~~District Administrator~~ 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 Crescent Lake, in Sections 16 and 21, Township 36 North, Range 8 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.
January 23, 1940

Hal D. Craig
Surveyor

CERTIFICATE OF APPROVAL

OFFICE OF SUPERVISOR OF SURVEYS,

Denver, Colorado, JAN 29 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 Crescent Lake, in Sections 16 and 21, Township 36 North, Range 8 East, Fourth Principal Meridian, Wisconsin.

executed by Hal D. Craig, Surveyor, Lester S. Mann, Public Land Surveyor, supplemental under special instructions dated July 26, 1939, and assignment instructions dated August 7, 1939; August 21, 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.

Lester S. Mann
Supervisor of Surveys.

CERTIFICATE OF TRANSCRIPT

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

Lester S. Mann
Supervisor of Surveys.

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CERTIFICATE OF SURVEYOR

I, Lester S. Mann, Public Land Surveyor, HEREBY CERTIFY upon honor that, in supplemental pursuance of special instructions bearing date of the 26th day of July, 1939 received from the ~~district cadastral engineer~~ Associate Supervisor of Surveys, with assignment instructions dated August 21, 1939, I have ~~surveyed~~ made the Dependent Resurvey and Extension Survey, Including Land Erroneously Omitted from the Original Survey, Bordering on Crescent Lake, in Sections 16 and 21, Township 36 North, Range 8 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.

Lester S. Mann

November 29, 1939

Public Land Surveyor

CERTIFICATE OF APPROVAL

Office of Supervisor of Surveys,

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The foregoing field notes of the survey of

executed by under special instructions dated instructions dated 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.