

SECTION 10, T35N-R15E
SURVEY NOTES

This survey was made by Coleman Engineering Company for the U.S. Department of Agriculture-Forest Service under Contract No. 53-56A6-4-00936, Order No. 43-56A6-4-3062 for the purpose of restoring and establishing corners on the perimeter of Section 10, for establishing subdivision corners within Section 10, and for locating and marking the boundaries of U.S. Government lands along the perimeter and within Section 10, Township 35 North, Range 15 East, Fourth Principal Meridian, Forest County, State of Wisconsin.

The survey is based on U.S.D.A. U.S.-Forest Service GPS survey control completed in 1993 and 1994 and the resulting sectional subdivision therefrom.

The original township subdivision survey was completed by James McBride in 1859.

The corner positions recovered, restored and established by this survey are marked by the monument described in the map legend.

The corner positions established were located to a minimum accuracy of 1 part in 5000.

The field notes of this survey and a copy of this plat are on file in the Forest Supervisor's office in Rhinelander, Wisconsin.

The bearings between corner positions are grid bearings, based on the Wisconsin north zone state plane coordinate system.

Conversions between grid bearings and true bearings are performed by use of the following algebraic formula: true bearing - convergence angle = grid bearing. (close attention to the algebraic sign must be observed, ie: ± of the convergence angle.)

Distances shown are Wisconsin north zone state plane grid distances. Conversion to surface distance is performed by the formula:

$$\text{Grid Distance} \times \left(\frac{\text{Grid Scale Factor} \times 20,906,000}{20,906,000 + \text{Mean Elev.}} \right) = \text{Surface Distance}$$

Wisconsin north zone coordinates were computed by USDA - U.S. Forest Service and are based on the 1983 North American Datum.

COORDINATE VALUES ON 1983 NAD

Corner Code	North Latitude	West Longitude	State Plane Coordinates		Convergence Angle	Scale Factor
			North	East		
N.W.	45° 32' 08.62"	88° 36' 43.66"	137,683.731	2,324,142.101	01° 00' 04.22"	1.000005706
N 1/4	45° 32' 08.35"	88° 36' 08.30"	137,700.481	2,326,659.473	01° 00' 29.72"	1.000005774
N.E.	45° 32' 08.51"	88° 35' 33.01"	137,761.016	2,329,170.823	01° 00' 55.18"	1.000005766
W 1/4	45° 31' 43.05"	88° 36' 45.83"	135,091.138	2,324,032.937	01° 00' 02.65"	1.000007123
C 1/4	45° 31' 43.11"	88° 36' 09.17"	135,143.406	2,326,642.172	01° 00' 29.09"	1.000007119
CE 1/16	45° 31' 43.14"	88° 35' 51.17"	135,169.070	2,327,923.324	01° 00' 42.078"	1.000007118
E 1/4	45° 31' 43.17"	88° 35' 33.17"	135,194.733	2,329,204.476	01° 00' 55.06"	1.000007116
S 1/16	45° 31' 30.15"	88° 36' 46.30"	133,783.712	2,324,022.374	01° 00' 02.31"	1.000007816

Corner Code	North Latitude	West Longitude	State Plane Coordinates		Convergence Angle	Scale Factor
			North	East		
S.W.	45° 31' 17.24"	88° 36' 46.77"	132,476.165	2,324,011.610	01° 00' 01.97"	1.000008514
S 1/4	45° 31' 17.93"	88° 36' 10.04"	132,591.925	2,326,624.908	01° 00' 28.46"	1.000008476
E 1/16	45° 31' 17.51"	88° 35' 51.84"	132,572.535	2,327,921.374	01° 00' 41.59"	1.000008499
S.E.	45° 31' 17.10"	88° 35' 33.64"	132,553.145	2,329,217.840	01° 00' 54.72"	1.000008522

CORNERS RECOVERED OR RESTORED

1. Section corner common to Sections 3, 4, 9 and 10. Corner position monumented by Victor Hedman, RLS, in 1962 and recovered by Alan Harrison, RLS, 8/28/91 and 12/15/93. Certificate on file in Forest County - Document No. 151811.
2. Quarter corner common to Sections 3 and 10. Corner position monumented by Milo Stefan, RLS, 1983 and restored by Alan Harrison, RLS 12/14/93. Certificate on file in Forest County - Document No. 151812.
3. Section corner common to Sections 2, 3, 10 and 11. Corner position monumented by Alan Harrison, RLS, 1991. Certificate on file in Forest County - Document No. 129846.
4. Quarter Corner Common to Sections 9 and 10. Corner position monumented by Milo Stefan, RLS, 1986. Certificate on file in Forest County - Document No. 144431.
5. Quarter corner common to Section 10 and 11. Corner position monumented by Milo Stefan, RLS in 1983, and recovered by Alan Harrison, RLS, 12/16/93. Certificate on file in Forest County - Document No. 151815.
6. South sixteenth corner common to Section 9 and 10. Corner position established by Alan Harrison, RLS, 1991.

Corner References:

Sugar	8"	N62°E	39.71 feet
Sugar	10"	S61°E	58.22 feet
Witness Corner	1"x36"	N88°W	57.22 feet
Steel Sign Post		West	58.06 feet

7. Section corner common to Sections 9, 10, 15 and 16. Corner monumented by Alan Harrison, RLS, 1986. Certificate on file in Forest County - Document No. 131261.
8. Quarter corner common to Sections 10 and 15. Corner monumented by Alan Harrison, RLS, 1994. Certificate on file in Forest County - Document No. 151816.
9. Section corner common to Sections 10, 11, 14 and 15. Corner recovered as set by Jean Resvick, RLS, 1970. Recovered by Alan Harrison, RLS, 12/14/93. Certificate on file in Forest County - Document No. 98041.

CORNERS ESTABLISHED

1. Center quarter corner Section 10. Established corner position at the intersection of straight lines between opposing quarter corners on the perimeter of Section 10.

Established Corner References:

Sugar	10"	N65°E	34.75 feet
Sugar	11"	N59°W	19.75 feet
Steel Sign Post		N20°E	1.35 feet

2. Center east sixteenth corner Section 10. Established corner position at the mid-point of a straight line between the center and east quarter corners of Section 10.

Established Corner References:

Cedar	7"	N03°E	13.08 feet
Cedar	6"	N77°E	12.10 feet
Steel Sign Post		N45°E	1.58 feet

3. East sixteenth corner common to Sections 10 and 15. Established corner position at the mid-point of a straight line between the south quarter corner and southeast corner of Section 10.

Established Corner References:

Elm	5"	N35°E	42.57 feet
Cedar	12"	S49°E	71.32 feet
Witness Corner	1"x36"	North	33.00 feet

SURVEYOR'S AFFIDAVIT

State of Wisconsin)
 County of Forest) ss.

I, John R. Garske, Land Surveyor for Coleman Engineering Company and a registered surveyor in the State of Wisconsin, hereby certify that this survey of Section 10, Township 35 North, Range 15 East, Fourth Principal Meridian, State of Wisconsin, was performed under my direct responsible supervision.

The plat map and the notes herewith are a correct representation of the land surveyed and divided. I have surveyed and subdivided said section in accordance with the rules for survey of the public lands and with the statutes of the State of Wisconsin.



John R. Garske
 John R. Garske
 Coleman Engineering Company
 R.L.S., State of Wisconsin
 License No. S-1685

Plat ready for filing:

Taryn Muecke
 District Ranger

Date of Survey: 1995

