



MAINES & ASSOCIATES
Land Surveyors

1573 US Highway 51 North, Arbor Vitae, WI 54568
Phone: (715) 356-9485 - Fax: (715) 356-1841

5230 State Highway 70 West, Eagle River, WI 54521
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**Coordinates & Procedures Used to Obtain Coordinates for
Section and Quarter Corners
Oneida County Forestry Survey
Section 9, T 35 N, R 9 E – Town of Enterprise**

Southwest Corner of Section 9

N: 124110.04

E: 270838.99

NAD 83/11

The coordinates for this corner were established by a static observation of 64 minutes. 12-14 satellites were tracked for the duration of the observation and the average PDOP was 1.56. To post process the data a virtual reference station was established from the WISCORS Network. To verify the position two temporary points were set northwest of the corner in a straight line. Two separate WISCORS Network real-time observations of 15-30 seconds were taken on the temporary points and averaged. Inverses between the the temporary points and the corner were compared to taped measurements in the field to ensure that there were no significant errors.

Southeast Corner of Section 9

N: 124221.62

E: 276051.92

NAD 83/11

The coordinates for this corner were established by a static observation of 55 minutes. 10-14 satellites were tracked for the duration of the observation and the average PDOP was 1.60. To post process the data a virtual reference station was established from the WISCORS Network. In addition to the static observation 4 separate WISCORS Network real-time observations of 15-30 seconds were taken and averaged. The static position and real-time position were averaged for the final coordinate. To verify the position two temporary points were set southeast of the corner in a straight line. Two separate WISCORS Network real-time observations of 15-30 seconds were taken on the temporary points and averaged. Inverses between the the temporary points and the corner were compared to taped measurements in the field to ensure that there were no significant errors.

Northeast Corner of Section 9

N: 129397.01

E: 276233.33

NAD 83/11

To establish the coordinates for this corner 2 separate WISCORS Network real-time observations of 15-30 seconds were taken and averaged. This position was compared to the published coordinate as a check. The published coordinates are in NAD83/91 and our measured coordinates are in NAD83/11. Although there is no direct conversion between the two adjustments, the observed difference within the county and within this section have been relatively insignificant making this a good check.

L3170 Filed: 4/24/18 MLO



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North 1/4 Corner of Section 9

N: 129427.59

E: 273498.49

NAD 83/11

To establish the coordinates for this corner 2 separate WISCORS Network real-time observations of 15-30 seconds were taken and averaged. This position was compared to the published coordinate as a check. The published coordinates are in NAD83/91 and our measured coordinates are in NAD83/11. Although there is no direct conversion between the two adjustments, the observed difference within the county and within this section have been relatively insignificant making this a good check.

Northwest Corner of Section 9

N: 129382.61

E: 270899.40

NAD 83/11

To establish the coordinates for this corner 2 separate WISCORS Network real-time observations of 15-30 seconds were taken and averaged. This position was compared to the published coordinate as a check. The published coordinates are in NAD83/91 and our measured coordinates are in NAD83/11. Although there is no direct conversion between the two adjustments, the observed difference within the county and within this section have been relatively insignificant making this a good check.

South 1/4 Corner of Section 16

N: 119001.60

E: 273415.56

NAD 83/11

The coordinates for this corner were established by a static observation of 80 minutes. 13-16 satellites were tracked for the duration of the observation and the average PDOP was 1.63. To post process the data a virtual reference station was established from the WISCORS Network. To verify the position two temporary points were set northwest of the corner in a straight line. Two separate WISCORS Network real-time observations of 15-30 seconds were taken on the temporary points and averaged. Inverses between the temporary points and the corner were compared to taped measurements in the field to ensure that there were no significant errors.

West 1/4 Corner of Section 9

N: 126746.32

E: 270869.20

NAD 83/11

The coordinates for this corner were computed using the northwest and southwest corners of Section 9 (see USPLS Monument Record). The monument was set and checked using WISCORS Network real-time observations.



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South 1/4 Corner of Section 9

N: 124129.77

E: 273434.70

NAD 83/11

The coordinates for this corner were computed using the southwest corner of Section 9 and the South ¼ corner of Section 16 (see USPLS Monument Record). The monument was set and checked using WISCORS Network real-time observations.

East 1/4 Corner of Section 9

N: 126757.77

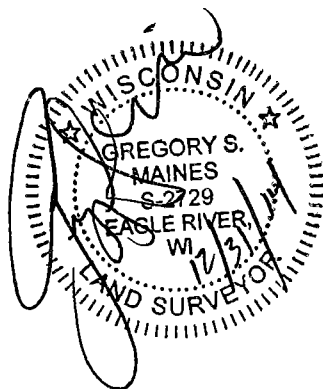
E: 276140.82

NAD 83/11

The coordinates for this corner were computed using the northeast and southeast corners of Section 9 (see USPLS Monument Record). The monument was set and checked using WISCORS Network real-time observations.

I hereby certify that the above information is true and correct to the best of my knowledge and belief.

Gregory S. Maines, PLS 2729



Static on GPS.
 1 Bat / Selub APR
 10-29-14

Project No.
 2014147
 Onida Co.

Serv TAD OVR
 Show POC

Section: S Sidewalk

Start Work #.

Start Time

Worked on

DECK

Work on Deck

Down Deck

100' TAFE

Deck

POST

ST

YRIS To For
 Back
 of Deck

SUDICOR

Start 10:25 AM
 Bat 99%

File # 33972077

14 Sat	Start	Mid	End	11:00	11:20
H dop	0:81	0:81	0:74	1:12	0:30
V DOP	1:46	1:48	1:23	1:32	1:00
P DOP	1:67	1:45	1:43	1:05	1:04
W	2:119	1:473	2:058	2:043	3:152
V	3:724	3:409	4:013	3:577	3:576
Sat. Load	14	14	12	14	13

Ended @ 64 min Elapsed 11:30
 Down Deck 2/1/12

PA 15.9+13
 11° UD @ 37.71
 4 35.92

SE Cor,

#15 SNO1 For 15 sec. Post Amb. 11/10/14

Rotated Rover 90° + oriented for fix

#16 SNO1 again for 15 sec.

Red Marks 264°E

10/11/32.15 P4 #19 (1748) Aug

10/12/54.95 P4 #22 (76421) Aug

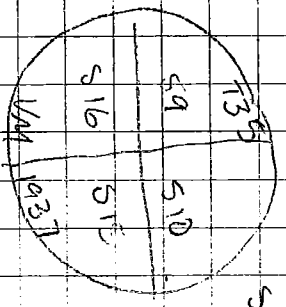
Thurs. 4:10 PM. NO Photos taken

Static started 4:10 PM P4 #501

10/17/14

Time	4:10 PM	4:25	4:30	4:40	4:50	5:00	5:10
HDOF	0.91	1.00	0.98	0.79	0.85	0.74	
VDOF	1.56	1.64	1.34	1.15	1.27	1.01	
PDOF	1.85	1.92	1.60	1.40	1.53	1.24	
H	2.530	2.716	2.500	2.009	2.168	1.812	
V	4.206	4.181	3.486	2.929	3.224	2.575	
Sat	11	10	12	13	12	14	
Both clocks 5.05							
12016 32973079							

SE Cor 100



Sum of 74
P1 100
P2 100

100t S/4 1b
 100t CHECK OUT S/4 9
 offset?

S/4 search loc.

D 118 018.15
 E 212 392.33

59826.01
 59826.01
 59826.01

CALL AFTER 5/11/60

PROJ # 2014147 11/3/14

ONCE ID Static of S/4 5.110

Start Time 10:27

Batt: 17%

FIRE# 33973075 PA# 503

Start 10:55 10:55 11:05 11:20 11:30 11:50

11:00 0.75 0.81 0.81 0.99 0.83 0.88 0.70

11:30 1.30 1.47 1.24 1.09 1.55 1.37 1.14

11:42 1.42 1.48 2.14 1.79 1.60 1.34

11:50 1.50 2.03 1.98 2.53 2.48 1.94 1.78

12:00 3.00 3.01 2.42 4.82 3.75 3.07 3.18

SOFT USED 14 13 15 14 13 15 16

END @ 11:47, 51% Batt. 319 kb dumped.