

### CERTIFICATE OF LOCATION OF GOVERNMENT CORNER

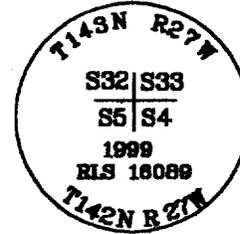
Section corner common to sections 32, 33, 4, and 5, Townships 143 and 142 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

Northern Lights Surveying and Mapping, Inc. (NLSM), set a galvanized steel monument with a brass cap at the Allen section corner as perpetuated mathematically by the Army Corps of Engineers. This corrects the mistaken G.L.O. perpetuation of the defaced Conger monument in 1920.

SKETCH OF REFERENCE TIES & EVIDENCE

page 1 of 3

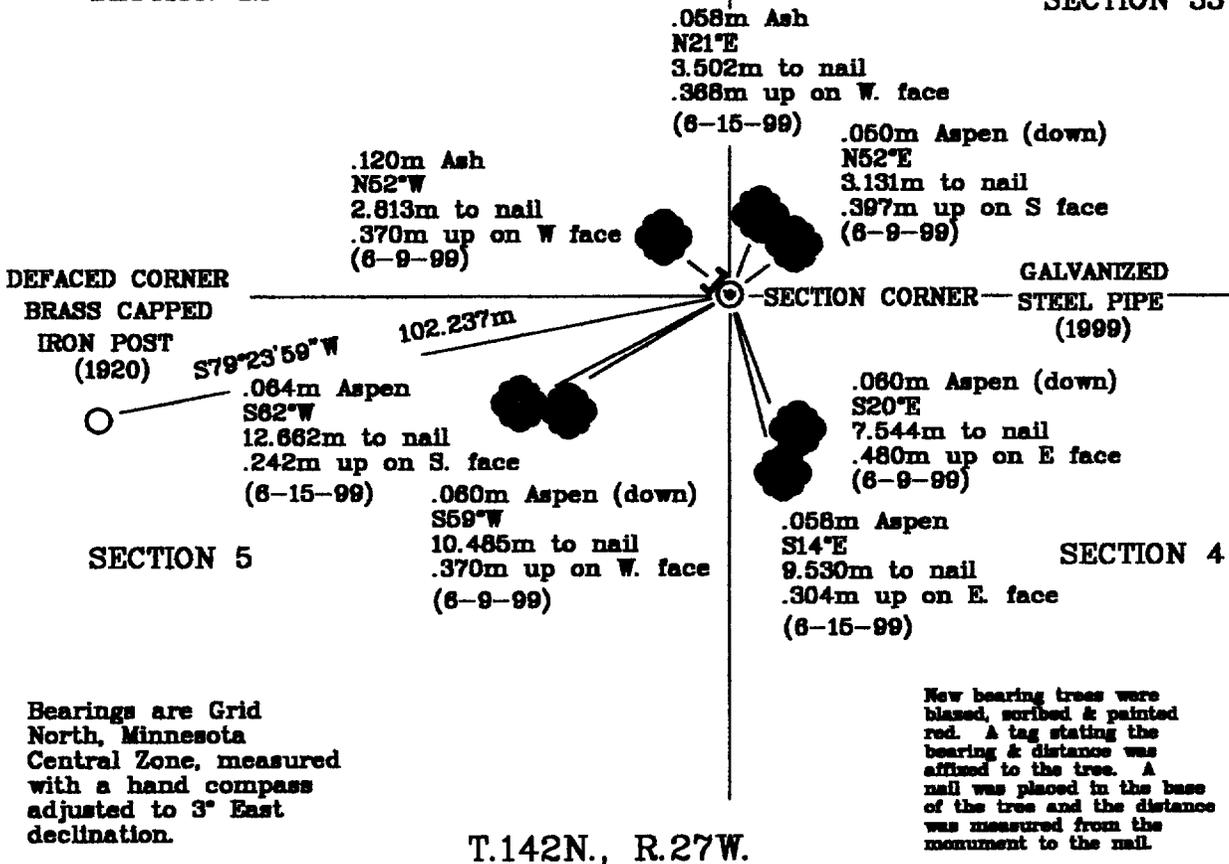
T.143N., R.27W.



NOT TO SCALE

SECTION 32

SECTION 33



Statement of evidence relative to this corner location is on the back of this page

I hereby certify that this survey, plan, or report was prepared by me or under my direct supervision and that I am a duly Licensed Land Surveyor under the laws of the State of Minnesota.

*LaVerne Leuelling*  
 LaVerne Leuelling Date 6-30-99  
 Licensed Land Surveyor No. 16089  
 NORTHERN LIGHTS SURVEYING & MAPPING, INC.

OFFICE OF THE COUNTY RECORDER 414542  
 County of Cass

I hereby certify that this document was filed in the Recorder's office.

Time: 9:00 A.M. Date: July 2, 1999  
 Recorder Claudine Taylor  
 By K.J. Deputy  
 DOCUMENT NO. 414542

## Statement of Evidence

Page 2 of 3

Northeast Corner, Section 5, Township 142 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota

This certificate supercedes the certificate filed as document #412867 on May 17, 1999.

July 1873, General Land Office (G.L.O.) survey notes for T142N, R27W: Deputy Surveyor P.H. Conger set a wood post for the corner which lay 4 chains east of the east edge of a cedar swamp. He established the following bearing trees:

16"(0.406m) Dead Cedar	8"(0.203m) Dead Ash
N68°W	S28°E
44 Links (8.851m)	41 Links (8.248m)

September 1873; G.L.O. notes for T143N, R27W: Deputy Surveyor William Allen inserted a "Note A" in the back of his notes where he claimed to have found an error of 4± chains by 4± chains in the placement of a part of the south line of T143N, R27W. He therefore reran that line from the SE of section 36 to the SW of Section 32. Along the way he defaced Conger's "erroneous" corners. At this corner he set a post 7.5 chains east of the east edge of a cedar swamp and established the following bearing trees:

8"(0.203m) Dead Spruce	6"(0.152m) Dead Fir	10"(0.254m) Ash	16"(0.406m) Oak
N11°E	N81°W	S72°E	SSS°W
118 Links (23.738m)	13 Links (2.615m)	73 Links (14.685m)	40 Links (8.047m)

April 7, 1903; B.E. Trask of the U.S. Army Corps of Engineers, visited the corner and noted that the 10" Ash BT was down and dead, and the other BT's were badly decayed. The distance (computed from stadia traverse) from this corner to the W1/4 of Section 33 was 784.816m while the distance to the S1/4 of Section 33 was 798.291m. The Corps did not perpetuate the corner with a monument or accessories.

1920; Earl G. Harrington of the General Land Office found scribed cedar stake and set an iron post, 3 ft. long, 2" diam., 28" in the ground with a brass cap for the corner. Harrington found evidence of stump holes from unidentified original bearing trees. Harrington's distance to the SW corner of Section 32 was 77.12 chains or 2.88 chains short of the original distance. New bearing trees were established:

10"(0.254m) Spruce	14"(0.356m) Pine	8"(0.203m) Tamarack	6"(0.203m) Pine
N31°E	S62°E	S40°W	N5°W
63 Links (12.674m)	129 Links (25.951m)	162 Links (32.589m)	139 Links (27.962m)

September 17, 1998; Northern Lights, Inc., crew of Leuelling and Heinle used Novatel GPS to cruise to corner. Monument was found in good condition. Also found 14" Pine stump BT from 1920 with scribing. Area had been logged off with young Aspen coming in. All four new BT's were scribed with (X) on face base and (BT) on bottom blaze. BT's are as follows:

0.102M Aspen	0.102M Aspen	0.102M Aspen	0.102M Aspen	Red Pine stump
N2°E	N8°W	S22°W	S83°E	S65°E
3.743m to 20d nail .3m up	4.402m to 20d nail .3m up	2.724m to 20d nail .3m up	4.782m to 20d nail .3m up	25.93m to 20d (1920)

June 1999; Northern Lights Surveying and Mapping, Inc., crew searched for and ultimately set a new section corner at the Corps of Engineers position as determined by a distance-distance intersection using their 1903 distances to the W1/4 and S1/4 corners of Section 33. We believe that Harrington perpetuated the remains of Conger's allegedly defaced "erroneous" section corner in 1920. We believe that the Corps of Engineers, however, tied into Allen's corrected corner. This based on the large kink which appears in the line between Sections 32 and 33 at the W1/4 where the 1920 monument is used. The distance from the W1/16 to the SW corner of Section 32 was also 2.8 chains short, while the distance to the S1/4 33 was 4.6 chains long. We also measured the distance to the Cedar swamp lying to the west and found that the 1920 G.L.O. monument was 2.5 chains east of the first cedars which compares relatively well with Conger's call for 4 chains; while our monumentation of the Corps position was 6.8 chains east of the same cedars which compares better with Allen's call of 7.5 chains.

## Statement of Evidence

Page 3 of 3

Northeast Corner, Section 5, Township 142 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota

Upon return to the corner, three of the four BT's had blown over, and new BT's were established. The following BT's are from both visits:

.080m Aspen (down)	.080m Aspen (down)	.050m Aspen (down)	.120m Ash
S59°W	S20°E	N52°E	N52°W
10.485m to nail	7.544m to nail	3.131m to nail	2.813m to nail
.370m up on W. face	.480m up on E face	.397m up on S face	.370m up on W face
(6-9-99)	(6-9-99)	(6-9-99)	(6-9-99)

Steel Sign Post	.064m Aspen	.058m Aspen	.058m Ash
N54°W	S62°W	S14°E	N21°E
0.431m to W flange	12.662m to nail	9.530m to nail	3.502m to nail
F.S. sign 54-9	.242m up on S. face	.304m up on E. face	.368m up on W. face
(6-9-99)	(6-15-99)	(6-15-99)	(6-15-99)

The bearing and distance from SW corner to the defaced corner of 33 is S79°24'00"W, at 102.237m.

Northern Lights Surveying and Mapping, Inc.; Boy River Township Field Book #4, p. 60.

## Coordinates:

SW Section 33 (Conger/defaced)  
1920 G.L.O. Monument (Resurvey)

SW Section 33 (Allen)  
1999 USFS Monument (NLSM)

## Cass County North

Northing = 69278.094 meters  
Easting = 160011.557 meters

## Cass County North

Northing = 69296.861 meters  
Easting = 160112.060 meters

State Plane Coordinate System  
Minnesota Central Zone  
NAD 83

State Plane Coordinate System  
Minnesota Central Zone  
NAD 83

Northing = 339267.168 meters  
Easting = 810139.000 meters

Northing = 339285.975 meters  
Easting = 810239.492 meters

Latitude = 47°09'09".14480 North  
Longitude = 94°06'58".72503 West

Latitude = 47°09'09.74827" North  
Longitude = 94°06'53.95340" West