

**CERTIFICATE OF LOCATION OF GOVERNMENT CORNER**

North Quarter Corner, Section 23, Township 143 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

November, 1998, Northern Lights Surveying and Mapping, Inc. buried a brass capped pipe 81.382m west of a found culvert and in the centerline of Route 135. This position perpetuates the original General Land Office (G.L.O.) corner as recovered by Cass County in the 1910-1915 period.

**SKETCH OF REFERENCE TIES & EVIDENCE  
T.143N., R.27W.**

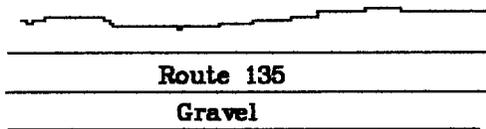


NOT TO SCALE

Bearings are Grid North, Minnesota Central Zone, measured with a hand compass adjusted to 3° East declination.



Section 14



Route 135  
Gravel

Section 23



Ditch

Steel Signpost  
North  
8.536m  
Sign 54-9  
(1998)



0.166m Tamarack  
S5°W  
23.262m to 20d nail  
in west face  
up 0.458m  
(1998)



0.152m Tamarack  
S14°E  
24.992m to 20d nail  
in east face  
up 0.486m  
(1998)

Ditch

81.382m to culvert

Quarter Corner  
Galvanized  
Steel Pipe  
(1998)

Culvert

Deeply  
Cut Ditch

New bearing trees were blazed, scribed & painted red. A tag stating the bearing & distance was affixed to the tree. A nail was placed in the base of the tree and the distance was measured from the monument to the nail.

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* 5-13-99  
LaVerne Leuelling Date  
Licensed Land Surveyor No. 16089  
NORTHERN LIGHTS SURVEYING & MAPPING, INC.

OFFICE OF THE COUNTY RECORDER 412846  
County of Cass

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

Time: 11:25 A.M. Date: May 12, 1999  
Recorder Claudine Kaylor  
By K.F. Deputy  
DOCUMENT NO. 412846

## Statement of Evidence

North Quarter Corner, Section 23, Township 143 North, Range 27 West, of the Fifth Principal Meridian, Cass County, Minnesota.

September, 1873; General Land Office (G.L.O.) survey notes; Deputy Surveyor William Allen set a wooden post for the quarter corner and referenced it with the following:

4" (0.102m) Tamarack	4" (0.102m) Tamarack
S70°E	N27°W
28 Links (5.633m)	22 Links (4.426m)

Said records are on file with the Secretary of State, St. Paul, Minnesota; copies of these records are on file with the Cass County Surveyor's Office, Walker, Minnesota.

1910-1915; Cass County Road Survey by George Ralph, Book "B", p. 97, Survey Record #260; he found an old post, but no bearing trees. He established the following new references:

3" (0.076m) Tamarack	3" (0.076m) Tamarack
N30°W	S29°E
39 Feet (11.887m)	37.7 Feet (11.491m)

1925; Cass County Land Corner Record; during a survey for State Road #5, the Cass County Highway Department found the Tamarack bearing trees established in the County Road Survey at record bearing and distance.

They also noted that a .914mx0.508m culvert lay 267 feet (81.382m) east of the corner and that the corner lay midway between two side ditches.

November, 1998; Northern Lights Surveying and Mapping, Inc. crew of Heinle and Brunner visited the quarter corner area, and set a monument in the centerline of the highway, 81.382m west of a found culvert, as per the 1925 notes. They set a brass capped 0.015m diameter galvanized steel pipe, 0.610m long, for the corner located in a sweeping curve in the road, and established the following references:

0.166m Tamarack	0.152m Tamarack	Steel Signpost
S5°W	S14°E	North
23.262m to 20d nail	24.992m to 20d nail	8.536m
in west face	in east face	Sign 54-9
up 0.456m	up 0.486m	

Northern Lights Surveying and Mapping, Inc. Boy River Township Field Book #2, p. 34.

## Coordinates:

## Cass County North

Northing = 74176.362 meters  
Easting = 184110.480 meters

State Plane Coordinate System  
Minnesota Central Zone  
NAD 83

Northing = 344166.918 meters  
Easting = 814235.811 meters

Latitude = 47°11'47.53226" North  
Longitude = 94°03'43.70784" West