Certificate of Location of Government Corner

ID#: 532409 **Description:** SEC CEN 24 53 **Date Set:** 8/1/2007 **County:** Olmsted

Section: 24 **Township:** 105N **Range:** 13W **Monument Description:** Note: Information regarding this center of section is provided for reference purposes only. A professional land surveyor should make the decision whether to use any existing survey monument or the computed intersection of quarter lines.

1" square pipe w/cap RLS #15809

Reference Ties:

The corner falls 1-1/2' east of centerline of CSAH 19 and 1' north of centerline of CR 139
The monument is at the surface
Punch hole in N end CMP NW 41.85'
Punch hole in N end CMP NE 38.32'
Punch hole in S end CMP SE 37.94'
Punch hole in S end CMP SW 43.19'
County Survey Disc in NW side of PP SW 64.31'
This corner is located by GPS measurement

Corner History:

12-9-1874 Thomas Hunter, County Surveyor, (Book A, Page 265, Survey No. 263 and Old Fieldbook #4, Pages 10-11) 1/16th North set stake at old stake location 19.84 chains (1309.44') south of North 1/4 said to have been set by S. Freeman.

9-26-1885 Thomas Hunter, County Surveyor, (Book A, Page 403, Survey No. 392 and Old Fieldbook #14, Pages 51-52) set stake at intersecting quarter lines. RPs - 8" Jack Oak N27°E 46 links (30.36'), 8" Jack Oak S44-3/4°E 39.5 links (26.07'). 1/16th North set stake midway and on line at 19.86-1/4 chains (1310.93') to North 1/4. 1/16th South set stake midway and on line at 19.85-3/4 chains (1310.60') to South 1/4. RP - Stake 100 links (66.0') west. 1/16th West set stake midway and on line at 20.00 chains (1320.00') to West 1/4. 1/16th Center of NW 1/4 set stake at intersecting sixteenth lines. 1/16th Center of SW 1/4 set stake at intersecting sixteenth lines.

6-22-1938 County Highway Department, (C.H.D. Book #96, Pages 2 and 7) dug here 33' S & W of old fence corner post NE of intersection and found 1-1/2" pipe on West side of 4" square top stone 8" below surface of road. Used pipe as road P.I. Sta. 79+31.2, Delta=0°01' Right going North. RPs - South edge flag pole NW 94.3', Near edge steel fence corner SW 43.5', Spike in 10" Spruce NE 58.35'.

8-23-1965 County Highway Department, (C.H.D. Book #307, Pages 1 & 4) "found wooden hub with large nail in west edge of hub about 8" below road surface." Set 3/4"x18" iron rod over hub. Used corner as road P.I. Sta. 78+94.71, Delta=0°02'30" Right going North. RPs - South edge flag pole NW 94.22', Spike & Disc in PP SW 48.84', Spike & Disc in 18" Spruce 79.18'

11-20-1967 County Highway Department, (C.H.D. Book #307, Page 4) set Cast Iron Monument. RPs- Spike & Disc in PP SW 61.58', Cross in SE corner well foundation NW 93.21', Spike & Disc in TP NE 61.87'.

6-26-1970 Roger Brand, County Surveyor, removed Cast Iron Monument set by County Highway Department. Set 3/4"x12" rod below and 1/2"x24" rod as a temporary corner. RPs - Spike & Disc in PP #13229 SW 61.58', Spike & Disc in TP NE 62.02', Punched cross in north end CMP NE 39.84', Punched cross in south end CMP SE 39.5'.

Correction of Corner: The correct corner is 1.72' East of the location of the County Highway Department Cast Iron Monument (removed).

7-19-1982 County Survey Crew dug from a point 1' east of the 1/2" rod in place, east for 3', north 2', and south 2'. Fill to clay 2' deep. Found nothing. 1/16th West did not dig since it was in very deep fill and only a stake.

7-21-1982 County Survey Crew 1/16th South dug at midway and on line location. Found nothing.

7-22-1982 County Survey Crew 1/16th North dug at midway and on line location. Found rust hole from 1" iron or pipe in clean clay.

7-30-1982 County Survey Crew 1/16th South dug at 100 links (66') west for Hunter's witness stake. Found nothing.

8-17-1982 Roger Brand, County Surveyor, accepted County Highway Department stone location here as having been properly set on east-west quarter line and used it to set the West 1/4 Corner 24. However, it did not fall on line from the North 1/4 Corner 24 to the South 1/4 Corner 24 as set this survey. Therefore, set 1" square pipe with cap at intersecting quarter lines. The monument falls 1.72' East of 1/2" rod in place (now removed). The corner falls 1-1/2' east of center line of CSAH No. 19 and 1' north of center line of CR No. 139. RPs - Punch hole in north end CMP NE 38.32', Punch hole in south end CMP SE 37.94', Punch hole in CMP SW 43.19', Punch hole in north end CMP NW 41.85'. 1/16th North set 5/8" smooth rod with cap midway and on line at 1310.34' to North 1/4. The corner falls 1.41' South and 0.89' East of the rust hole. The corner falls 4' south of fence west, 1' south of fence east, and 3-1/2' NE of center line of CSAH No. 19 on curve. RPs - CSD in south side PP #41199 WNW 50.85', Punch hole in south end CMP SE 46.14'

8-11-1982 McGhie & Betts, Inc. used computed center at intersecting quarter lines.

8-31-1982 Land Consultants used computed center at intersecting quarter lines.

7-28-1983 WHKS used computed center at intersecting quarter lines.

9-13-1984 Yaggy Associates found and used 1" square pipe at intersecting quarter lines.

1-9-1985 Yaggy Associates found and used 1" square pipe at intersecting quarter lines.

6-17-1988 Tom Ferguson found and used 1" square pipe at intersecting quarter lines.

9-26-2000 GGG used computed center at intersecting quarter lines.

9-13-2002 Vince Fangman set mag nail over 1" square pipe at intersecting quarter lines.

10-7-2004 County Survey Crew found mag nail at surface and removed. Found 1" square pipe w/cap down 0.4' w/cap destroyed. Removed remnants of old cap and set new cap in pipe and measured its position using GPS. Did not check ties to culverts.

4-25-2007 County Survey Crew found 1" square pipe w/eroded cap down 0.4' in good condition. Replaced cap down 0.5'.

5-25-2007 County Survey Crew referenced 1" square pipe w/cap and removed for CSAH No. 19 bituminous overlay project.

8-1-2007 County Survey Crew set 1" square pipe w/cap at surface from bituminous overlay tie out reference position. Ties in CMP east completely buried, could not find punch holes in CMP west. RP - CSD w/nail in NW side of PP SW 64.31'.

9-22-2010 Jermoe Schwarz found and used 1" square pipe w/cap.

12-4-2012 Vince Fangman used computed center at intersecting quarter lines.

4-23-2014 Joel Thoreson, County Surveyor, recommends using the computed intersection of quarter lines for the center of section. Based on the county's section breakdown, the 1" square pipe w/cap, as located by GPS in 2004, falls 0.07' north and 0.06' east of the computed center.

6-6-2014 Roger Brand & Associates found and used 1" square pipe w/cap at intersecting quarter lines.