Certificate of Location of Government Corner

ID#: 533309 **Description:** SEC CEN 33 53 **Date Set:** **County:** Olmsted

Section: 33 **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.

Reference Ties:

Corner History:

8-28-1902 O.H. Case, Fillmore County Surveyor, (Book B, Page 45) copy of survey made sent to William Fraser, set 1-1/4"x40" pipe and 3"x16"x16" stone at intersecting quarter lines. Measured north 39.67 chains (2618.22'), no mention or description of corner. 1/16th South set cast iron midway and on line at 19.94 chains (1316.04') to South 1/4. Measured east 39.69 chains (2619.54') to East 1/4. Measured west 39.88 chains (2632.08'), no mention or description of corner.

7-23-1930 County Highway Department (Book #57, Page 44) found pipe and stones recorded but NE of intersecting lines (but did not have North 1/4). RPs - Wood stake NE 73.0', Wood stake SE 76.0'. Measured west 2642.3', measured south 2635.1', and measured east 2629.8'. Angle at center 33 northwest quadrant 89° 32' and southwest quad 90° 25'.

3-30-1953 County Highway Department (Book #201 Page 2) found and used 3"x16"x16" stone with 1-1/4" pipe. RPs - Spike in power pole NE 44.25', Spike in RW marker NW 68.2', Spike in corner post SE 47.0'.

1953 Minnesota Highway Department Trunk Highway 30 rollmap shows stone 1.3' north of centerline at P.O.T. Sta. 263+97.9

6-7-1978 Roger Brand, County Surveyor, set small nail for traverse of Section 33 at point near center, but did not dig. 1/16th South dug with backhoe and found large piece of cast iron 4' deep. Put pieces of blacktop around the piece of cast iron and set nail at surface. The corner was 0.14' east and 0.56' south of the traverse nail set in centerline and in line with the fence east. RPs - Pop cap in South side of wood fence post (2nd post) E 57.30', Pop cap in NE side PP #15229 SE 58.17'.

4-10-1984 Vince Fangman found small nail and set 3/4" pipe w/cap RLS #14888 over nail. RPs - Mn/Dot nail and disc in power pole NE 77.75', Mn/Dot nail and disc in power pole NW 87.77', Mn/Dot nail and disc in power pole SE 122.84'.

9-13-1986 Jerome Schwarz found and used pipe.

8-30-2006 County Survey Crew found 3/4" pipe with cap down 0.1' in good condition and measured its position using GPS.

4-23-2007 County Survey Crew found 3/4" pipe with damaged cap down 0.1' in good condition. Set reference pipes and tied out corner for Trunk Highway 30 bituminous overlay project.

5-14-2007 County Survey Crew removed 3/4" pipe with cap.

8-6-2007 County Survey Crew set 1" square pipe with cap RLS #15809 at surface from previously measured reference ties.

10-10-2012 Joel Thoreson, Olmsted County Surveyor, reviewed the location of this corner because the inplace 1" square pipe, based on the county's section breakdown, as located by GPS in 2006, falls 0.23' south and 3.39' east of the computed intersection of quarter lines. The small nail used in 1984 to establish the current monument location is referenced on Olmsted County Traverse Maps 4-19 and 5-1A. It is labeled as a PK nail at the approximate center of Section 33. According to County Survey Department staff who are familiar with the surveying practices used during that time, the PK nail would have been placed near the center of section and used as a reference point to measure from. It was not intended to mark the actual corner location. Therefore, the 1" square pipe with cap RLS #15809 is now being removed because it does not mark the center of Section 33. It is recommended that the computed center at intersecting quarter lines be used.

10-10-2012 County Survey Crew removed 1" square pipe with cap.

10-31-2012 Jerome Schwarz used computed center at intersecting quarter lines.