Certificate of Location of Government Corner

ID#: 841604 **Description:** 1/4 SEC COR 16 21 84 **Date Set:** 8/29/77 **County:** Olmsted

Section: 16 **Township:** 108N **Range:** 14W **Monument Description:** Cast Iron Cap on telspar pipe

Reference Ties:

The corner falls 1' SW of CP to fences E-W-N-S
Post w/sign 2' North
This corner is located by GPS measurement

Corner History:

6-1854 Gov't Notes: M.G. Karrick, Deputy Surveyor West on true line between sections 16 and 21. 40.00 chs. Set quarter section post. Jack Oak 7 in. N37°W 220 lks. Bur Oak 6 in. S77°E 165 lks. 80.00 chs. To section corner.

1913 Dave Williams (P. 212-221B), County Surveyor, measured 7913.8' from 1/4 Cor. 17-20 1 1/2 miles East to Sec. Cor. 15-16-21-22 and set Sec. Cor. 16-17-20-21 East-West at 1/3 this distance or 2637.9'. He measured from 1/4 Cor. 16-17 1 1/2 miles South to Sec. Cor. 20-21-28-29 and set Sec. Cor. 16-17-20-21 North-South at 1/3 this distance. He set a stake as Sec. Cor. 16-17-20-21 as locatied and then set a stake at 1/4 Cor. 16-21 midway (or 2637.9') between Sec. Cor. 16-17-20-21 and Sec. Cor. 15-16-21-22 (and possibly on line).

1916 The Power Dam Survey (sheets 3060 and 3061) measured 2642.0' West from Sec. Cor. 15-16-21-22 to a stake at 1/4 Cor. 16-21, then 2620.6' West from this stake to a stake at Sec. Cor. 16-17-20-21, and then 2628.0' West from this stake to 1/4 Cor. 17-20 for a total of 7890.6' for the 1 1/2 miles.

8-29-1977 County Surveyor accepted the corner post to the fences running N-S-E-W as the corner and set a Cast Iron Cap on a square pipe 1' S.W. of the corner post. Measured 2624.30' East to Sec. Cor. 15-16-21-22 and 5265.26' West to 1/4 Cor. 17-20 for a total of 7889.56' for the 1 1/2 miles.

Analysis: Assuming that the stakes found by the Power Dam surveyors at Sec. Cor. 16-17-20-21 and 1/4 Cor. 16-21 are the stakes set by Williams, the Power Dam measurements indicate that the stakes are out of station East-West from what Williams intended; that is, 1/3 the distance for the 1 1/2 miles. The perpetuation of 1/4 Cor. 17-20 and Sec. Cor. 15-16-21-22 has been good from Williams time to the present, so this is probably due to an error in measurement or else poor measuring by Williams since his measure is approx. 24' longer for the 1 1/2 miles than the measurements by the Power Dam surveyors in 1916 and the County Surveyor in 1977 which closely agree. The Power Dam Survey shows that Williams stake at 1/4 Cor. 16-17 was approx. 18' West of the corner post of the fences today. The property owernership is different in all 4 quadrants surrounding this corner both in the earliest plat books available and today. Therefore, we believe the fence corner was in place during Williams survey and was ignored by him and in the absence of any other records should be accepted as the corner as we have done.

12-4-2002 County Surveyor found cast iron cap on telspar pipe up 0.5' in good condition.