A DEPENDENT RESURVEY OF

The Public Land Survey in Minneapolis

a joint project with the of Minneapolis

January 28, 2011

Minnesota Society of Professional Surveyors

Saint Cloud Civic Center
5-1. A dependent *resurvey* is a reconstruction of land boundaries and subdivisions accomplished by rerunning and re-marking the lines represented in the field note record or on the plat of a previous official survey. The resurvey includes a field note record describing the technical manner in which the resurvey was made, full reference to recovered evidence of the previous survey, surveys, or resurveys, a complete description of the work performed and monuments established, and a plat that represents such resurvey.

(Manual of Surveying Instructions 2009)
Original Townships

Minneapolis

T. 118, R. 24 (1854)
T. 29, R. 23 (1847)
T. 29, R. 24 (1847)
T. 28, R. 23 (1853)
T. 28, R. 24 (1853)
T. 27, R. 23 (1853)
T. 27, R. 23 (1871)*

Hennepin County Townships
North East Corner of Section 1, Town 29, North Range 24 West

Found original post with marks matches thence and identified - also thumps of all the bearing
Tree marks entirely obliterated - bearings + distances
Agreeing precisely with point of old state
Reestablished at true point with one new bearing line
as follows: 200 feet hence bear 52° 2W, run 216.21 like dist.

Geo W. Cooley
County Surveyor
Extract from the Journal of the Board of County Commissioners

Wednesday February 9th 1876

On motion of Commissioner Pettit the Chairman was instructed to see that the County Surveyor establish iron monuments at all the Government Corners in the City, the one in Parsons Back to be done immediately.
George Cooley: 1876
George Cooley: 1876

Progressive Growth of Minneapolis

- 1840 to 1860
- 1860 to 1880
- 1880 to 1890
- 1890 to present

Based on "Official City Plan of the City of Minneapolis, Historical and Geographic Background, vol. 1" Minneapolis Collection, HT168.M6M52
The County Surveyor is authorized to replace the original marks of the Public Land Survey with Kettle River Sandstone monuments. Except those lying with the City of Minneapolis

Journal of the County Board p.64, May 8, 1889,
1880 - E.T. Abbott
   • Street centerlines – as platted

1941 – WPA Project 7015
   • Little historic detail
   • Reference to PLS monuments where available
   • Infrastructure management

Street Ordinances
   • R/W widths
   • Pavement widths
   • Sidewalk locations
   • Not maintained since 1989
2007 – Memorandum of Understanding

• Section, ¼ Section, meander, witness corners that lie outside the second reduced boundaries of Fort Snelling – East of 46th Avenue South, South of East 54th Street.

• Omit markers on Original Military Reservation Line
Fort Snelling Military Reservation

OMRL - 1839

Reduced Boundary - 1852

Reduced Boundary - 1871

Certified copy of plat of survey by Colonel Seth Eastman
Patent to Franklin Steele 1871
First Addition to Remington Park 1887
Monument Count

Total monuments 242

- 48 won’t be set – redundant corners and those on the OMRL
- 138 are complete
- 48 are in progress (field work complete, awaiting analysis)
- 8 not yet started
Monument Count
1. Established N ¼ corner (previous)
2. Located lot corners in Nickles First Add. Meeker Island Land & Power Company
   S.H. Baker [1877-1880] (1883)
3. Projected line south from N1/4 corner
4. Located lot corners in Mississippi Park
5. Offset a best fit line to center of road
   Drake and Sheldon’s Partition Plat
   Frank Nutter - 1906
6. Set Temporary Point at South ¼ corner
7. Located lot corners in Block 34
   Meeker Island Land & Power Addition
8. Extended south line Block 34 to east.
NE Corner of Section 31, T29N, R23W

Cast Iron monument over granite
Frank Armstrong (1887)

Mpls CCM No. 828 over IP at Q Q

Corner Concrete Block

Corner Shamrock

2-Story Stucco
Apartment Building

2-Story Stucco
House

#2222

#2214 #2216

PK Nail/Disc
Set 1.00 ft.
W'ly of 31NE

Star Drill Hole
atop Concrete
Base of
Light Pole

118.95

43.57

40.82

46.41

77.61

30.91

18.95

Mpls City Control Mon.
Set 1.00 ft.
S'ly of 31NE

T

NE Cor Top
Conc. Step

TNH

Weyerhauser
Wood Sided
Warehouse
Building

#828 (GPS # 6528)