Details for Benchmark: OM0383
Start a new search

Log this benchmark

Must read!
Benchmarks may be on private property or in dangerous locations. Obey local laws. By using the services on Geocaching.com you agree to this disclaimer.

In DANE county, WI
view original datasheet

N 43° 04.367 W 089° 24.633 (NAD 83)
Altitude: 876.83
Coordinates may not be exact. Altitude is ADJUSTED and location is SCALED. (more info)

Designation: Y 107
Marker Type: bench mark disk
Setting: light structures
Stability: Mark of questionable or unknown stability.

Nearest Benchmarks, Geocaches

3/4/2003 TheRedGoat found OM0383 (NGS Benchmark) [visit log]
Surprisingly, this one has survived all the construction in this area over the years.
Photos:
- Bench Mark
- The Survey Disk
- The View

View with BM circled in red.

**Documented History** (by the NGS)

*1/1/1934 by CGS (MONUMENTED)*

DESCRIBED BY COAST AND GEODETIC SURVEY 1934 AT MADISON. ALONG THE CHICAGO, MILWAUKEE, ST PAUL AND PACIFIC RAILROAD TO UNIVERSITY AVENUE CROSSING. SET IN CONCRETE STEAM LINE MANHOLE BOX, 30 FEET SOUTHEAST OF THE CENTER LINE OF THE TRACK, 85 FEET SOUTH OF THE CENTER LINE OF UNIVERSITY AVENUE, 0.5 FOOT ABOVE RAIL LEVEL.

*1/1/1942 by NGS (GOOD)*

RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 1942 RECOVERED IN GOOD CONDITION.

**Control Text**

- The horizontal coordinates were scaled from a topographic map and have an estimated accuracy of +/- 6 seconds.
- The orthometric height was determined by differential leveling and adjusted by the National Geodetic Survey in June 1991.
- The geoid height was determined by GEOID99.
- The dynamic height is computed by dividing the NAVD 88 geopotential number by the normal gravity value computed on the Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45 degrees latitude (g = 980.6199 gals.).
- The modeled gravity was interpolated from observed gravity values.