

VODG Site Information Form
VILLAGE OF DOWNERS GROVE

0. Form

Orig. Prepared by : MICHAEL S. SWEENEY
Date Prepared : 2003-JUN-27
Report Type : NEW

1. Site Identification of the GPS Monument

Site Name : VILLAGE HALL DOWNERS GROVE
Four Character ID : VODG
Date Installed : 2003-JUN-20 13:00 UT
Geologic Characteristic : GLACIAL TILL/BEDROCK
(SULLARIAN DOLOMITE FORMATION)
Bedrock Type : SEDIMENTARY
Bedrock Condition : FRESH
Fracture Spacing : 1-10 cm
Fault zones nearby : SANDWICH FAULT ZONE
Distance/activity : THE SANDWICH FAULT ZONE IS CENTERED
NEAR DIXON ILLINOIS, APPROXIMATLY 83
MILES FROM DOWNERS GROVE IL. LAST
ACTIVE IN 1999.

2. Site Location Information

City or Town : DOWNERS GROVE
State or Province : ILLINOIS
Country : UNITED STATES OF AMERICA
Tectonic Plate : NORTH AMERICA
Approximate Position
X coordinate (m) : 165864.313 m
Y coordinate (m) : -4759464.256 m
Z coordinate (m) : 4228781.026 m
Latitude : 41 47 41.81474 N
Longitude : 088 0 14.71007 W
Elevation (m,ellips.) : 194.750 m
Additional Information : ARP ITRF00 (EPOCH:2002.0000)
POSITION WAS COMPUTED BY THE NGS
USING(OPUS) ON-LINE PROCESSING USER
SERVICE WITH 10 DAYS OF DATA FROM JUNE,
2003.

3. GNSS Receiver Information

3.1 Receiver Type : LEICA RS500
Satellite System : GPS
Serial Number : 0080331
Firmware Version : 5.0
Elevation Cutoff Setting : 10 deg
Date Installed : 2003-JUN-20 13:00 UT
Date Removed : 2008-12-14
Additional Information : (REPLACED\UPGRADED)

3.2 Receiver Type : LEICA GRX1200GGPRO
Satellite System : GPS
Serial Number : 355121
Firmware Version : 6.0
Elevation Cutoff Setting : 10 deg
Date Installed : 2008-12-14
Date Removed :
Additional Information : PERMANENT OWNED BY DUPAGE COUNTY

4. GPS Antenna Information

4.1 Antenna Type : LEIAT504
Serial Number : 1171
Antenna Reference Point : BPA
Alignment from True N :
Antenna Radome Type : LEIS
Radome Serial Number : NA
Antenna Cable Type : EXTERIOR COAXIAL CABLE
Antenna Cable Length : 30 m
Date Installed : 2003-JUN-20 13:00 UT
Date Removed :
Additional Information : LEICA AT504 PILLAR WITH RADOME. THE
ANTENNA IS MOUNTED ON THE SOUTH EAST
EDGE OF THE 2 STORY VILLAGE HALL
BUILDING.

5. Surveyed Local Ties

NONE

6. Frequency Standard

7. Collocation Information

7.1 Instrumentation Type : GPS
Status : PERMANENT
Effective Dates : 2003-JUN-20 13:00 UT
Notes :

8. Meteorological Instrumentation

NONE

9. Local Ongoing Conditions Possibly Affecting Computed Position

NONE

10. Local Episodic Effects Possibly Affecting Data Quality

NONE

11. On-Site, Point of Contact Agency Information

Agency : DUPAGE COUNTY / GIS DIVISION
Mailing Address : 421 N COUNTY FARM RD. WHEATON, IL
Primary Contact
Contact Name : MIKE SEMENEK
Telephone (primary) : 630-407-5055
Fax : 630-407-5201
E-mail : BENCHMARKS@DUPAGECO.ORG

Secondary Contact
AGENCY : DUPAGE COUNTY / GIS DIVISION
Contact Name : BILL FAEDTKE
Telephone (primary) : 630-407-5033
Telephone (secondary) :
Fax : 630-407-5201
E-mail : BENCHMARKS@DUPAGECO.ORG

12. Responsible Agency (if different from 11.)

13. More Information

Primary Data Center : WWW.DUPAGECO.ORG/GIS/GPS
Secondary Data Center :
URL for More Information :
Hardcopy on File
Site Map :
Site Diagram :
Horizon Mask : 10
Monument Description : Y
Site Pictures : Y
Additional Information :
Antenna Graphics with Dimensions

<http://www.ngs.noaa.gov/ANTCAL/>

<http://www.ngs.noaa.gov/ANTCAL/Models/LEIAT504+rd.shtml>