



# Village of Oswego Geodetic Control Network

GPS 070793

Village of Oswego  
Community Development  
100 Parkers Mill  
Oswego, IL 60543  
Phone: 630.554.3622

**Station #**

0001

**Station Designation**

Oswego Orchard

**WGS84**

**Latitude (dms)**    **Longitude (dms)**  
41 40 37.37948    088 22 46.53595

**IL EAST - NAD83(2007)**

**Northing (ft)**                      **Easting (ft)**  
1824912.42                              971612.57

**Ellipsoid  
Height(ft)**  
500.72

**GEOID03  
Height(ft)**  
-108.23

**NAVD 88  
Orthometric  
Height (ft)**  
608.92

**Convergence  
Factor**  
-0 1 50.73

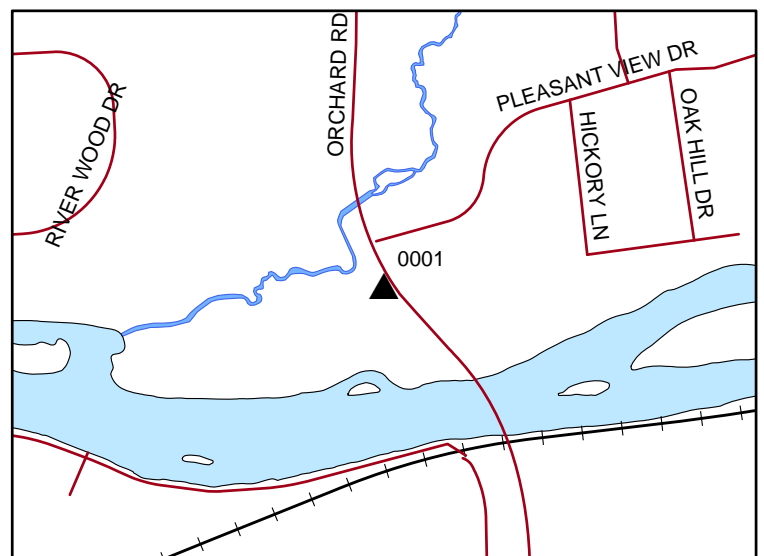
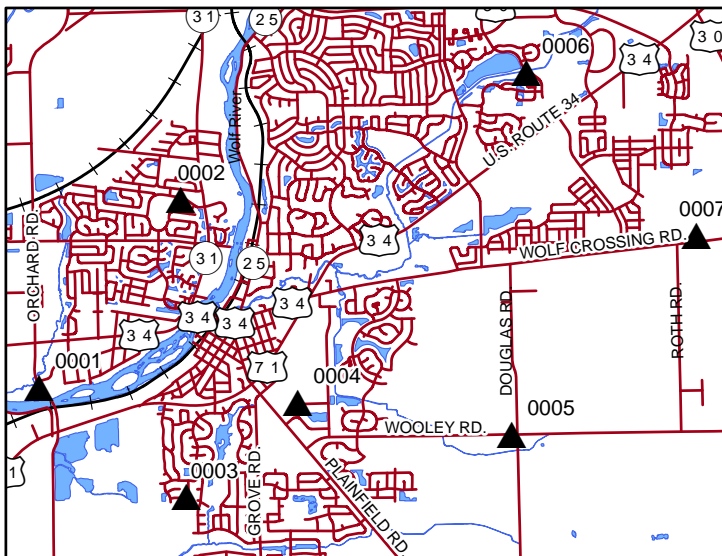
**Scale  
Factor**  
0.99997518

**To Reach Station...**

FROM THE INTERSECTION OF U. S. ROUTE 34 AND ORCHARD ROAD, PROCEED SOUTH ON ORCHARD ROAD APPROXIMATELY 0.3 MILES TO THE STATION ON THE RIGHT. STATION IS +/- 500 FT (152.4 M) SOUTH OF PAVED DRIVEWAY, +/- 500 FT (152.4 M) NORTHWEST OF NORTH EDGE OF BRIDGE DECK OVER FOX RIVER, 42.1 FT (12.8 M) SOUTHWEST OF THE CENTERLINE OF ORCHARD ROAD, 20.4 FT (6.2 M) SOUTHWEST OF THE EDGE OF PAVEMENT, 120.0 FT (36.6 M) NORTHWEST OF MAG NAIL SET IN GUARDRAIL POST, AND 2.0 FT (0.6 M) EAST OF ORANGE FIBERGLASS WITNESS POST. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH (15 CM) LOGO CAP. DATUM POINT IS 0.30 FT (0.1 M) BELOW CAP.

**NOTE**

ORTHOMETRIC HEIGHTS WERE DERIVED FROM STATIC GPS OBSERVATIONS TIED TO 2ND AND 3RD ORDER NGS BENCHMARKS AND GEOID2003. HORIZONTAL COORDINATES WERE ESTABLISHED BY GPS OBSERVATIONS WITH TIES TO EXISTING NGS CORS AND HIGH ACCURACY LOCAL STATIONS LISTED ABOVE REFER TO STATION DESCRIPTIONS FOR DIRECTIONS TO EACH OSWEGO MONUMENT AND VERIFY COORDINATES AND HEIGHTS SHOWN ABOVE WITH NGS DATASHEETS FOUND AT [http://www.ngs.noaa.gov/cgi-bin/ds\\_desig.prl](http://www.ngs.noaa.gov/cgi-bin/ds_desig.prl)  
FIXED HEIGHT TRIPODS WERE USED EXCLUSIVELY DURING THE GPS OBSERVATIONS PROCESSING COMPLETED USING TRIMBLE GEOMATICS OFFICE v1.63. HORIZONTAL AND VERTICAL ADJUSTMENTS COMPLETED USING NGS ADJUST SOFTWARE.



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# Village of Oswego Geodetic Control Network

GPS 070793

Village of Oswego  
Community Development  
100 Parkers Mill  
Oswego, IL 60543  
Phone: 630.554.3622

**Station #**

0002

**Station Designation**

Oswego Wormley

**WGS84**

**Latitude (dms)**    **Longitude (dms)**  
41 41 52.33889    088 21 31.04232

**IL EAST - NAD83(2007)**

**Northing (ft)**                      **Easting (ft)**  
1832497.27                              977343.56

**Ellipsoid  
Height(ft)**  
546.36

**GEOID03  
Height(ft)**  
-108.24

**NAVD 88  
Orthometric  
Height (ft)**  
654.59

**Convergence  
Factor**  
-0 1 0.56

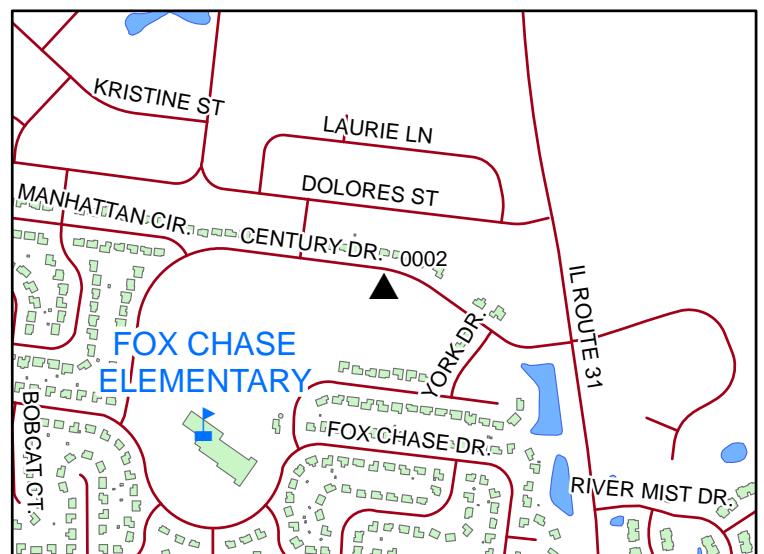
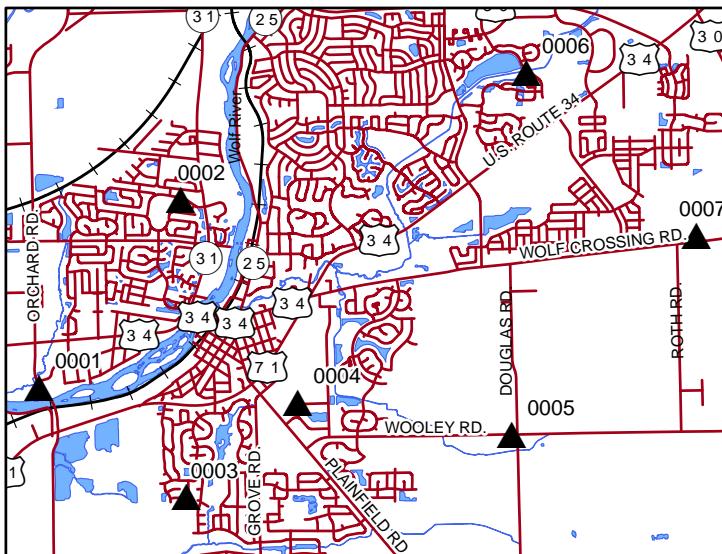
**Scale  
Factor**  
0.99997505

**To Reach Station...**

FROM THE INTERSECTION OF U.S. ROUTE 34 AND ILLINOIS ROUTE 31, PROCEED NORTH ON ILLINOIS ROUTE 31 0.8 MI (1.3 KM) TO CENTURY DRIVE, PROCEED 0.2 MI WEST ON CENTURY DRIVE TO THE EASTERLY PARKING STALL OF WORMLEY PARK TO THE STATION ON THE LEFT. THE STATION IS 87.6 FT (26.7 M) SOUTH OF CENTERLINE OF CENTURY DRIVE, 69.1 FT (21.1 M) SOUTH OF LIGHT POLE, 72.9 FT (22.2 M) SOUTHWEST OF 5 INCH (13 CM) TREE, 23.5 FT (7.2 M) SOUTH OF BIKE PATH, AND 57.6 FT (17.6 M) EAST OF 3 INCH (8 CM) TREE. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH (15 CM) LOGO CAP. DATUM POINT IS 0.30 FT (0.1 M) BELOW CAP.

**NOTE**

ORTHOMETRIC HEIGHTS WERE DERIVED FROM STATIC GPS OBSERVATIONS TIED TO 2ND AND 3RD ORDER NGS BENCHMARKS AND GEOID2003. HORIZONTAL COORDINATES WERE ESTABLISHED BY GPS OBSERVATIONS WITH TIES TO EXISTING NGS CORS AND HIGH ACCURACY LOCAL STATIONS LISTED ABOVE REFER TO STATION DESCRIPTIONS FOR DIRECTIONS TO EACH OSWEGO MONUMENT AND VERIFY COORDINATES AND HEIGHTS SHOWN ABOVE WITH NGS DATASHEETS FOUND AT [http://www.ngs.noaa.gov/cgi-bin/ds\\_desig.prl](http://www.ngs.noaa.gov/cgi-bin/ds_desig.prl)  
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GPS 070793

Village of Oswego  
Community Development  
100 Parkers Mill  
Oswego, IL 60543  
Phone: 630.554.3622

**Station #**

0003

**Station Designation**

Oswego Arbor Gate

**WGS84**

**Latitude (dms)**    **Longitude (dms)**  
41 39 53.66181    088 21 28.01511

**IL EAST - NAD83(2007)**

**Northing (ft)**                      **Easting (ft)**  
1820484.99                              977569.80

**Ellipsoid  
Height(ft)**  
536.82

**GEOID03  
Height(ft)**  
-108.21

**NAVD 88  
Orthometric  
Height (ft)**  
645.01

**Convergence  
Factor**  
-0 0 58.51

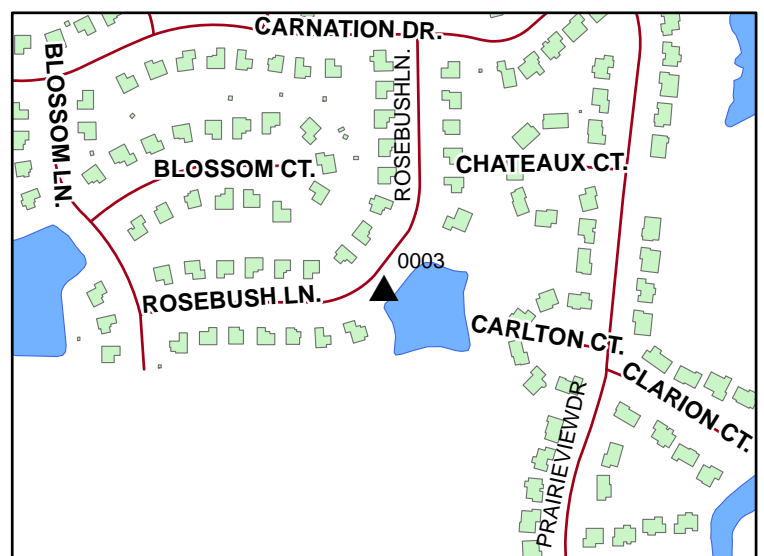
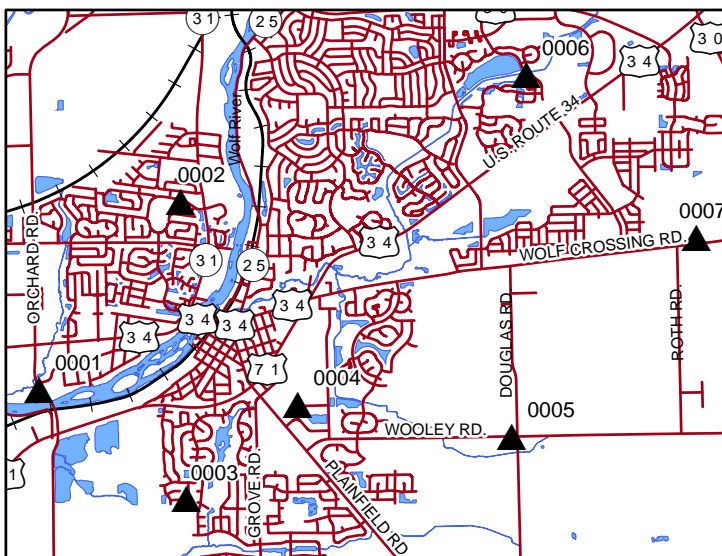
**Scale  
Factor**  
0.99997505

**To Reach Station...**

FROM THE INTERSECTION OF ILLINOIS ROUTE 71 AND ORCHARD ROAD, PROCEED EAST ON ILLINOIS ROUTE 71 APPROXIMATELY 0.8 MILES TO PARADISE PARKWAY. PROCEED SOUTH ON PARADISE PARKWAY APPROXIMATELY 0.5 MILES TO CARNATION DRIVE. GO EAST ON CARNATION TO ROSEBUSH LANE. GO SOUTH ON ROSEBUSH +/- 600 FT (182.9 M) TO THE STATION ON THE LEFT AND ADJACENT TO DETENTION POND. STATION IS ACROSS ROSEBUSH LANE FROM DRIVEWAY ADDRESS 515, 42.7 FT (13.0 M) OUTEAST OF CENTERLINE OF ROSEBUSH LANE, 27.6 FT (8.4 M) SOUTHEAST OF BACK OF CURB, 10.9 FT (3.3 M) SOUTHEAST OF SIDEWALK, 21.9 FT (6.7 M) SOUTHWEST OF 'X' CUT ON SOUTHWEST RIM OF SANITARY MANHOLE, 74.3 FT (22.6 M) SOUTHEAST OF 5 INCH (13 CM) TREE, AND 85.6 FT (26.1 M) NORTHEAST OF 5 INCH (13 CM) TREE. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH (15 CM) LOGO CAP. DATUM POINT IS 0.20 FT (0.1 M) BELOW CAP.

**NOTE**

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GPS 070793

Village of Oswego  
Community Development  
100 Parkers Mill  
Oswego, IL 60543  
Phone: 630.554.3622

**Station #**

0004

**Station Designation**

Oswego Public Works

**WGS84**

**Latitude (dms)**    **Longitude (dms)**  
41 40 31.22283    088 20 28.67412

**IL EAST - NAD83(2007)**

**Northing (ft)**                      **Easting (ft)**  
1824285.97                              982074.03

**Ellipsoid  
Height(ft)**  
549.67

**GEOID03  
Height(ft)**  
-108.22

**NAVD 88  
Orthometric  
Height (ft)**  
657.87

**Convergence  
Factor**  
-0 0 19.07

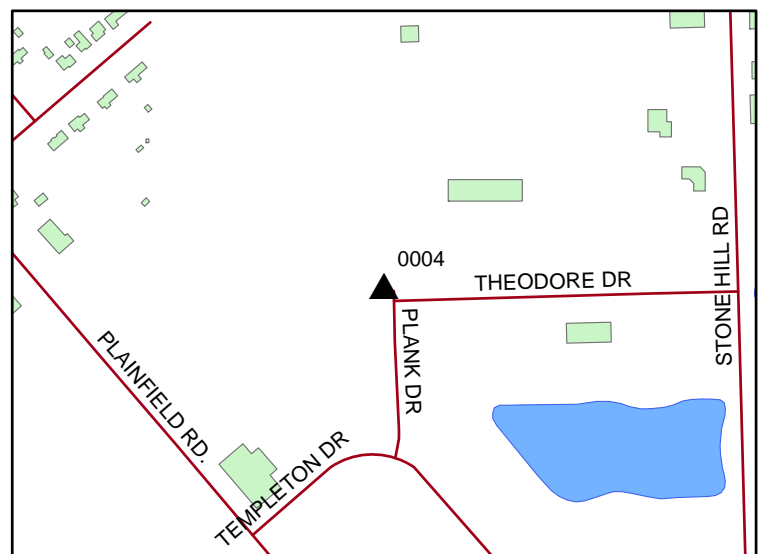
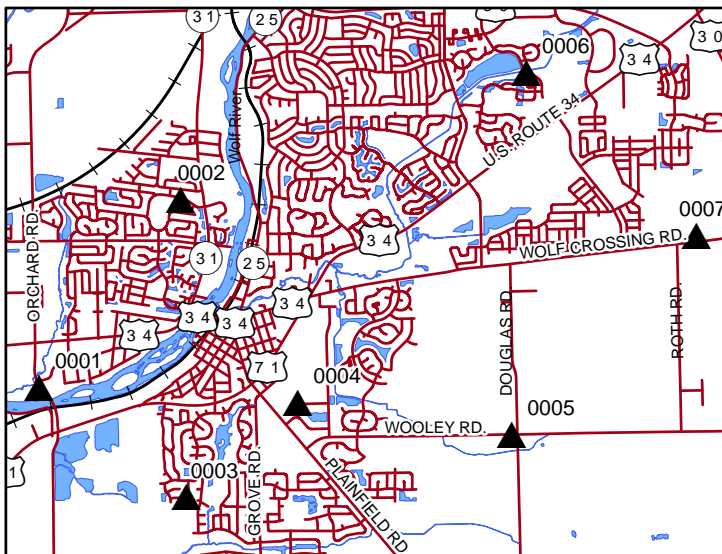
**Scale  
Factor**  
0.99997501

**To Reach Station...**

FROM THE INTERSECTION OF ILLINOIS ROUTE 71 AND PLAINFIELD ROAD, PROCEED SOUTHEAST ON PLAINFIELD ROAD APPROXIMATELY 0.4 MI (0.6 KM) TO TEMPLETON DRIVE, TURN LEFT ON TEMPLETON DRIVE TO PLANK DRIVE. TURN LEFT ON PLANK DRIVE TO THE INTERSECTION OF THEODORE STREET AND PLANK DRIVE. STATION IS AT THE NORTHWEST CORNER OF THEODORE AND PLANK. STATION IS LOCATED 30.5 FT (9.3 M) WEST OF THE CENTERLINE OF PLANK DRIVE, 15.1 FT (4.6 M) WEST OF BACK OF CURB, 89.4 FT (27.2 M) NORTH OF LIGHT POLE, 122.6 FT (37.4 M) NORTHWEST OF BURY BOLT ON FIRE HYDRANT, 57.4 FT (17.5 M) NORTHWEST OF CENTER OF WATER VALVE VAULT, AND 220.2 FT (67.1 M) SOUTHWEST OF BURY BOLT ON FIRE HYDRANT. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH (15 CM) LOGO CAP. DATUM POINT IS 0.40 FT (0.1 M) BELOW CAP.

**NOTE**

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# Village of Oswego Geodetic Control Network

GPS 070793

Village of Oswego  
Community Development  
100 Parkers Mill  
Oswego, IL 60543  
Phone: 630.554.3622

**Station #**

0005

**Station Designation**

Oswego Wooley

**WGS84**

**Latitude (dms)**    **Longitude (dms)**  
41 40 18.44333    088 18 34.61163

**IL EAST - NAD83(2007)**

**Northing (ft)**                      **Easting (ft)**  
1822993.25                              990730.15

**Ellipsoid  
Height(ft)**  
572.81

**GEOID03  
Height(ft)**  
-108.24

**NAVD 88  
Orthometric  
Height (ft)**  
681.04

**Convergence  
Factor**  
0 0 56.77

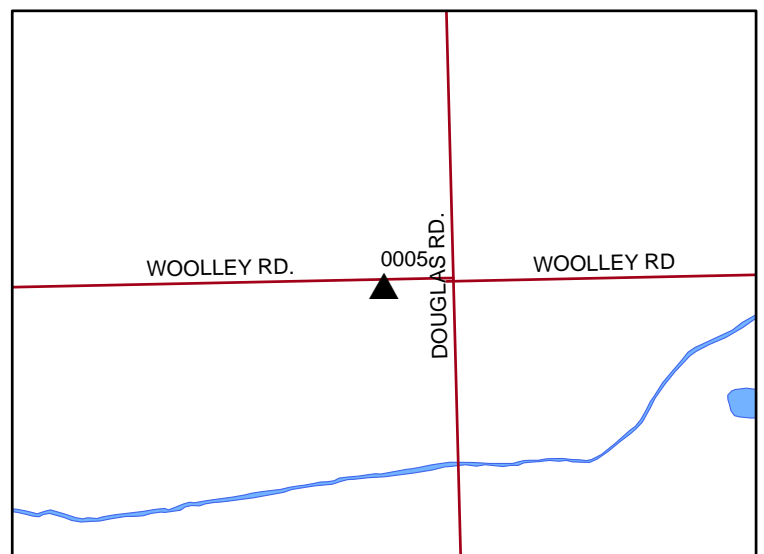
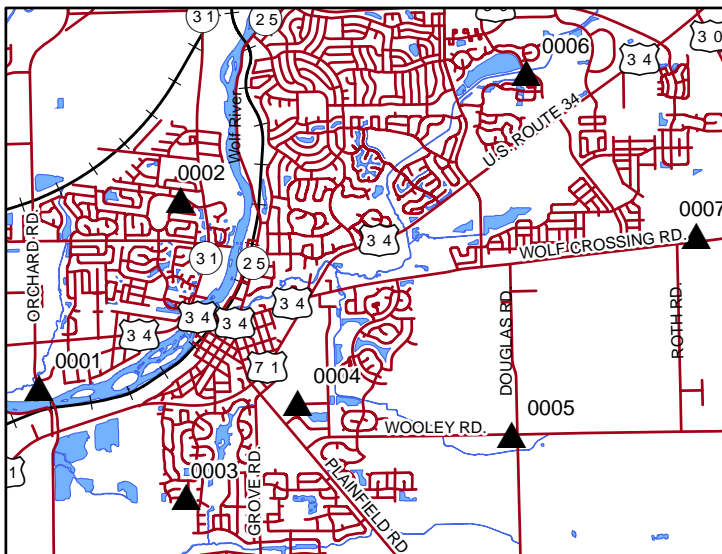
**Scale  
Factor**  
0.99997505

**To Reach Station...**

FROM THE INTERSECTION OF ILLINOIS ROUTE 71 AND PLAINFIELD ROAD, PROCEED SOUTHEAST ON PLAINFIELD ROAD APPROXIMATELY 0.6 MI (0.6 KM) TO WOOLEY ROAD, PROCEED EAST ON WOOLEY ROAD APPROXIMATELY 1.5 MI (2.4 KM) TO THE INTERSECTION OF WOOLEY ROAD AND DOUGLAS ROAD. STATION IS LOCATED AT THE SOUTHWEST QUADRANT OF THE INTERSECTION, 21.4 FT (6.5 M) SOUTH OF THE CENTERLINE OF WOOLEY ROAD, 11.7 FT (3.6 M) SOUTH OF THE EDGE OF PAVEMENT, 199.7 FT (60.9 M) WEST OF STOP SIGN, 101.0 FT (30.8 M) SOUTHWEST OF MAG NAIL IN SOUTHWEST FACE OF POWER POLE, 101.4 FT (30.9 M) SOUTHEAST OF MAG NAIL SET IN SOUTHEAST FACE OF POWER POLE, AND 2.0 FT (0.6 M) NORTH OF ORANGE FIBERGLASS WITNESS POST. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH (15 CM) LOGO CAP. DATUM POINT IS 0.40 FT (0.1 M) BELOW CAP.

**NOTE**

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# Village of Oswego Geodetic Control Network

GPS 070793

Village of Oswego  
Community Development  
100 Parkers Mill  
Oswego, IL 60543  
Phone: 630.554.3622

**Station #**

0006

**Station Designation**

Oswego 5th Street

**WGS84**

Latitude (dms)    Longitude (dms)  
41 42 43.06932    088 18 26.74458

**IL EAST - NAD83(2007)**

Northing (ft)                      Easting (ft)  
1837632.15                              991322.78

Ellipsoid  
Height(ft)  
551.31

GEOID03  
Height(ft)  
-108.28

NAVD 88  
Orthometric  
Height (ft)  
659.58

Convergence  
Factor  
0 1 2.05

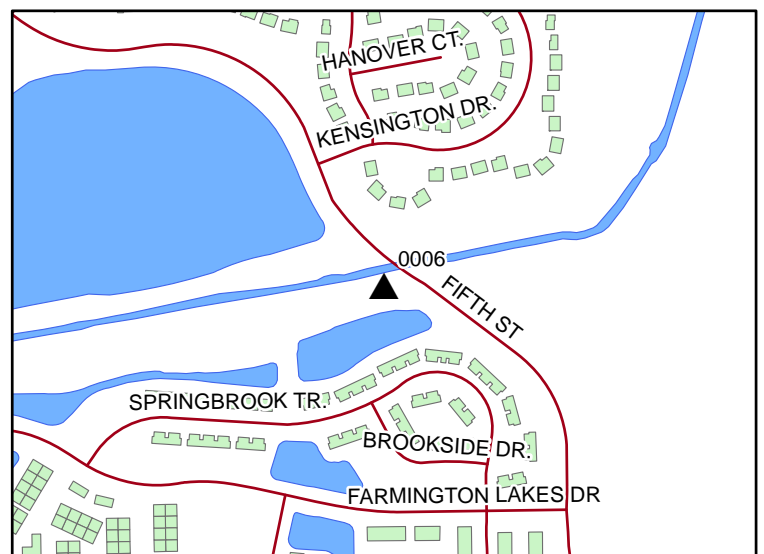
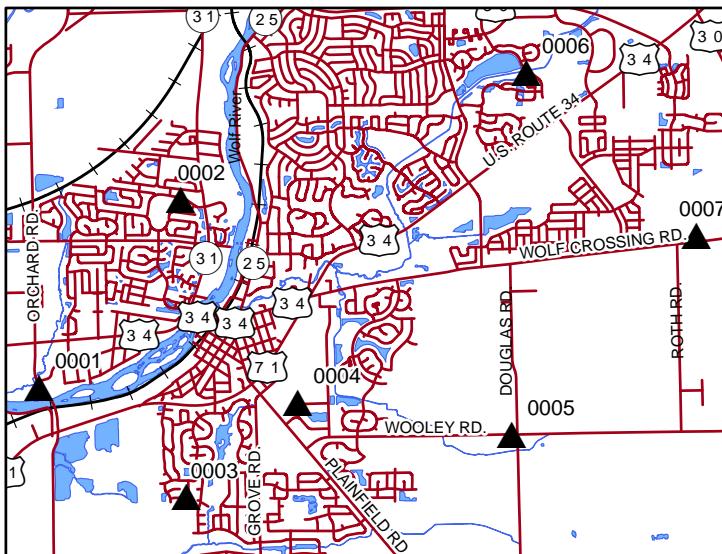
Scale  
Factor  
0.99997506

**To Reach Station...**

FROM THE INTERSECTION OF FARMINGTON LAKES DRIVE AND FIFTH STREET, PROCEED NORTH ON FIFTH STREET APPROXIMATELY 0.2 MI TO THE BRIDGE OVER WAUBONSEE CREEK. STATION IS AT THE SOUTHWEST QUADRANT OF THE BRIDGE, 74.3 FT (22.6 M) SOUTHWEST OF CENTERLINE OF FIFTH STREET, 55.7 FT (169.8 M) SOUTHWEST OF BACK OF CURB, 39.8 FT (12.1 M) SOUTH OF 'X' ON HEADWALL, 52.0 FT (15.8 M) NORTH OF EAST-WEST BITUMINOUS BIKE PATH, 56.6 FT (17.3 M) SOUTHWEST OF LIGHT POLE, 86.3 FT (26.3 M) NORTHWEST OF BURY BOLT ON FIRE HYDRANT, AND 2.0 FT (0.6 M) NORTHEAST OF ORANGE FIBERGLASS WITNESS POST. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH (15 CM) LOGO CAP. DATUM POINT IS 0.50 FT (0.2 M) BELOW CAP.

**NOTE**

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# Village of Oswego Geodetic Control Network

GPS 070793

Village of Oswego  
Community Development  
100 Parkers Mill  
Oswego, IL 60543  
Phone: 630.554.3622

**Station #**

0007

**Station Designation**

Oswego East HS

**WGS84**

**Latitude (dms)**    **Longitude (dms)**  
41 41 37.91288    088 16 56.03215

**IL EAST - NAD83(2007)**

**Northing (ft)**                      **Easting (ft)**  
1831040.22                              998206.60

**Ellipsoid  
Height(ft)**  
613.11

**GEOID03  
Height(ft)**  
-108.30

**NAVD 88  
Orthometric  
Height (ft)**  
721.39

**Convergence  
Factor**  
0 2 2.37

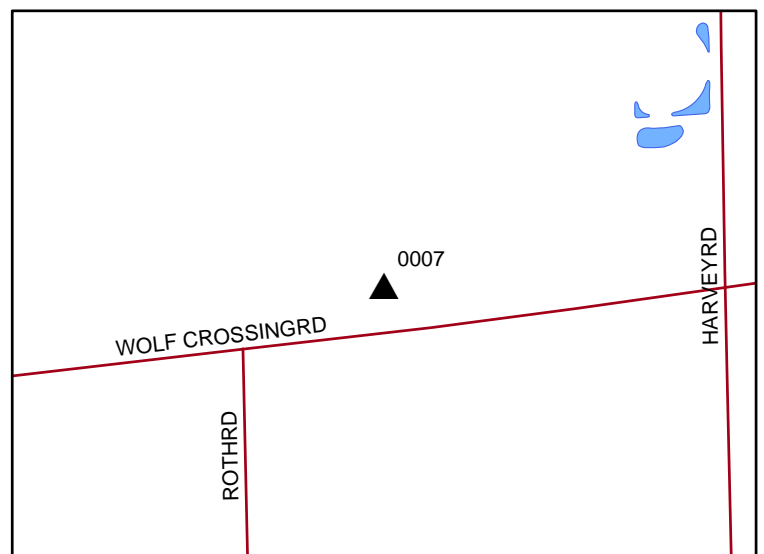
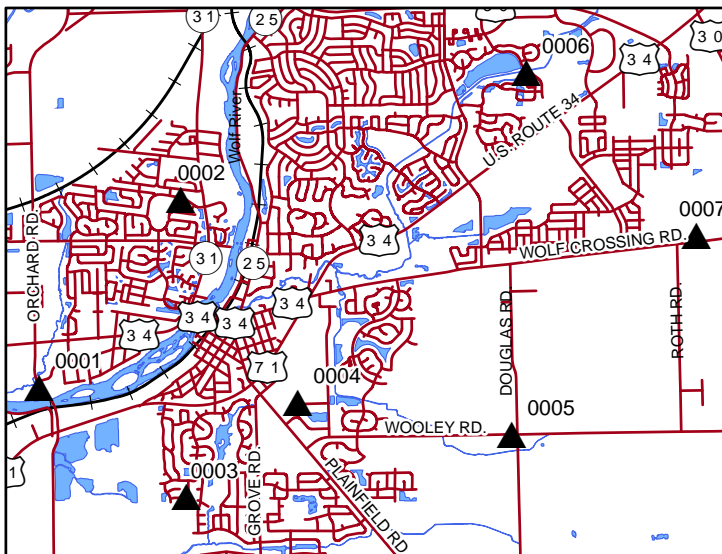
**Scale  
Factor**  
0.99997522

**To Reach Station...**

FROM THE INTERSECTION OF U.S. ROUTE 34 AND WOLFS CROSSING ROAD, PROCEED EAST ON WOLFS CROSSING ROAD APPROXIMATELY 3 MI (4.8 KM) TO OSWEGO EAST HIGH SCHOOL ENTRANCE DRIVE, PROCEED NORTH ON THE ENTRANCE DRIVE +/- 200 FT (61.0 M) TO THE STATION ON THE RIGHT. THE STATION IS LOCATED 48.0 FT (14.6 M) EAST OF THE CENTERLINE OF THE ENTRANCE DRIVE, 33.0 FT (10.1 M) EAST OF THE EDGE OF PAVEMENT, 118.3 FT (36.1 M) SOUTH OF 'X' IN SOUTH SIDE OF LIGHT POLE BASE, 137.9 FT (42.0 M) NORTHEAST OF LIGHT POLE, 131.0 FT (39.9 M) NORTH OF THE NORTHEAST CONCRETE CORNER OF HIGH SCHOOL MONUMENT SIGN, AND 2.0 FT (0.6 M) WEST OF ORANGE FIBERGLASS WITNESS POST. NOTE - ACCESS TO DATUM POINT THROUGH 6 INCH (15 CM) LOGO CAP. DATUM POINT IS 0.40 FT (0.1 M) BELOW CAP.

**NOTE**

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VILLAGE OF OSWEGO  
 GEODETIC CONTROL NETWORK  
 GPS 070793

4/27/2008

SSN	WGS84		IL EAST - NAD83(2007)		ELLIPSOID HEIGHT(ft)	GEOID03 HEIGHT(ft)	NAVD 88		SCALE FACTOR	DESIGNATION
	LATITUDE(dms)	LONGITUDE(dms)	NORTHING(ft)	EASTING(ft)			ORTHOMETRIC HEIGHT(ft)	CONVERGENCE ANGLE		
0007	41 41 37.91288	088 16 56.03215	1831040.22	998206.60	613.11	-108.30	721.39	0 2 2.37	0.99997522	OSWEGO EAST HS
0001	41 40 37.37948	088 22 46.53595	1824912.42	971612.57	500.72	-108.23	608.92	-0 1 50.73	0.99997518	OSWEGO ORCHARD
0006	41 42 43.06932	088 18 26.74458	1837632.15	991322.78	551.31	-108.28	659.58	0 1 2.05	0.99997506	OSWEGO 5TH STREET
0003	41 39 53.66181	088 21 28.01511	1820484.99	977569.80	536.82	-108.21	645.01	-0 0 58.51	0.99997505	OSWEGO ARBOR GATE
0005	41 40 18.44333	088 18 34.61163	1822993.25	990730.15	572.81	-108.24	681.04	0 0 56.77	0.99997505	OSWEGO WOOLEY
0002	41 41 52.33889	088 21 31.04232	1832497.27	977343.56	546.36	-108.24	654.59	-0 1 0.56	0.99997505	OSWEGO WORMLEY
0004	41 40 31.22283	088 20 28.67412	1824285.97	982074.03	549.67	-108.22	657.87	-0 0 19.07	0.99997501	OSWEGO PUBLIC WORKS

NOTE: ORTHOMETRIC HEIGHTS WERE DERIVED FROM STATIC GPS OBSERVATIONS TIED TO 2ND AND 3RD ORDER NGS BENCHMARKS AND GEOID2003  
 HORIZONTAL COORDINATES WERE ESTABLISHED BY GPS OBSERVATIONS WITH TIES TO EXISTING NGS CORS AND HIGH ACCURACY LOCAL STATIONS LISTED ABOVE  
 REFER TO STATION DESCRIPTIONS FOR DIRECTIONS TO EACH OSWEGO MONUMENT AND  
 VERIFY COORDINATES AND HEIGHTS SHOWN ABOVE WITH NGS DATASHEETS FOUND AT [http://www.ngs.noaa.gov/cgi-bin/ds\\_desig.prl](http://www.ngs.noaa.gov/cgi-bin/ds_desig.prl)  
 FIXED HEIGHT TRIPODS WERE USED EXCLUSIVELY DURING THE GPS OBSERVATIONS  
 PROCESSING COMPLETED USING TRIMBLE GEOMATICS OFFICE v1.63  
 HORIZONTAL AND VERTICAL ADJUSTMENTS COMPLETED USING NGS ADJUST SOFTWARE