

GIS AND ORTHOPHOTO TOWN OF AMHERST



TVGA's Geospatial Services Group was retained to create town-wide Geographic Information System (GIS) Landbase data for the Town of Amherst. The project is being conducted in multiple phases: aerial photography at a scale of 1"=500', supplemental ground control, and developing digital orthophoto images from 1999 black and white aerial photography. The digital orthophotos were geo-referenced to be utilized with other digital map and GIS data sets, and were also generated in a variety of ground pixel resolutions suitable for a variety of GIS and planning applications. In addition, two-ft contours and utilities are being digitized for the Town.

PROJECT HIGHLIGHTS:

Client:

Town of Amherst, NY

Contact:

Mr. Paul Bowers, P.E.
(716) 631-7154

Location:

Erie County, NY

Project Cost:

\$215,565

KEY PROJECT COMPONENTS:

- **Aerial Photography**
(12 flight lines)
- **Photo Control Survey**
(105 surveyed points, NAD 1983)
- **Two-foot Contours**
- **Drainage Utilities**
- **Digital Orthophotos at 0.25, 0.5, 1.0, 2.0 and 5.0 foot Ground Pixel Resolutions GPR)**