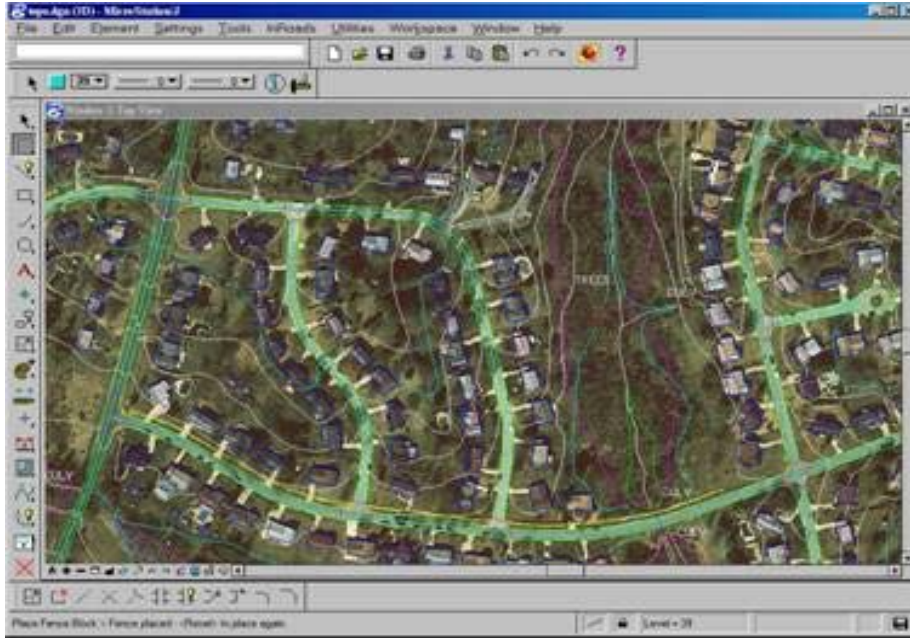


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# Montgomery County Database

# GPI



Photogrammetry

**Client/Owner:** MD National Capital Park and Planning Commission  
**Project Location:** Montgomery County, Maryland

GPI is providing Aerial Photogrammetric update mapping for Montgomery County, Maryland. The mapping is being updated for approximately 700 map tiles at 1"=200' with 5' C.I., over a 3 year time-frame. GPI is acquiring new aerial photography for portions of Montgomery County, Maryland and through acquisition of new survey ground control and cross-pugging of existing pass points from previous years photography a new aerotriangulation is performed.

The digital data is being provided to GPI by MNCP&PC in the form of ARC Info coverages. GPI then converts these coverages to MicroStation DGN format for the updating phase on GPI's first order analytical stereo-plotters. The new data is compiled preserve the topological structuring of the original data. The updated MicroStation files are then converted back to ARC Info coverages and run through a series of Quality Control AML's. This step ensures that the quality of the data leaving GPI is to MNCP&PC expectations.

GPI has also provided MNCP&PC with color digital orthophotos for selected areas using our "in-house" rectification capabilities using ZIIImaging Orthopro software. Typical Deliveries include: Digital base mapping of the project in electronic format, Digital Orthophotos in TIF with TFW (World File), complete set of contact prints, Aerotriangulation Report, and all electronic deliverables are CD's or diskette in ARC Info format.

Completion Date: 1999 through ongoing