

**Berkshire Regional Planning Commission  
Regional Distribution Center  
of  
Pictometry Imagery and Software Tools**



*Part of our ongoing mission to provide technical assistance and support to our member communities with*

**Geographic Information Services**



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**BERKSHIRE REGIONAL PLANNING COMMISSION**

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The **Berkshire Regional Planning Commission (BRPC)** wishes to inform our member communities of a wonderful opportunity to receive a revolutionary new digital color imaging system and software program. This new technology allows users to view **6-inch resolution digital color images** (aerial photos) of a community from an **oblique angle view**. The Massachusetts Highway Department (MHD) has entered into a licensed agreement with the **Pictometry Corporation** to provide these high-resolution digital imagery and software tools for all communities in the Commonwealth.

The Pictometry imagery displays features such as buildings, land areas, and hydrology to be **viewed from several directions and at different scales**. It will allow a user to easily locate and accurately measure any feature. The software and aerial imagery data has proven to be beneficial to assessors, planners, engineers, conservation commissions, first responders and decision-makers.

The MHD license agreement allows communities to receive high resolution, digital oblique imagery at different scales and directions. This will allow municipalities to receive either 2-way community small-scale images or 2-way neighborhood large-scale images. A map of what communities can receive can be found on page 3. The cost to the community is nothing, unless the community chooses to have BRPC install, provide additional training, and provide technical support. Additional 2-way community or neighborhood images (for a combined 4-way) may also be purchased by the community at an additional cost.

BRPC has chosen to take on the role of being the distributor of this technology in our region. As your regional distributor of the Pictometry technology, BRPC will continue to provide our communities with professional quality services and technical assistance. In order to receive these images, municipalities need to enter into license agreements with MHD and Pictometry. In addition, municipalities may choose to enter into an agreement with BRPC for software/imagery installation, training and technical support. **On October 9, 2002 at 3:00pm and again at 6:30pm**, BRPC is inviting local officials, decision makers, and potential users to come to our office and join our staff to discuss what opportunities are available. BRPC will be discussing how communities can obtain the existing digital images. A demonstration of the software and imagery will be provided as well as examples of the imagery within our region.


Any questions regarding the imagery or the meetings can be directed to Mark Maloy at BRPC. Please notify Mark if you will be able to attend one of the meetings by phone: 442-1521 or email: [mmaloy@berkshireplanning.org](mailto:mmaloy@berkshireplanning.org) as we need to plan for adequate seating.

Hope to see you at one of the meetings.


# Pictometry Images by Sector

## BRPC Region

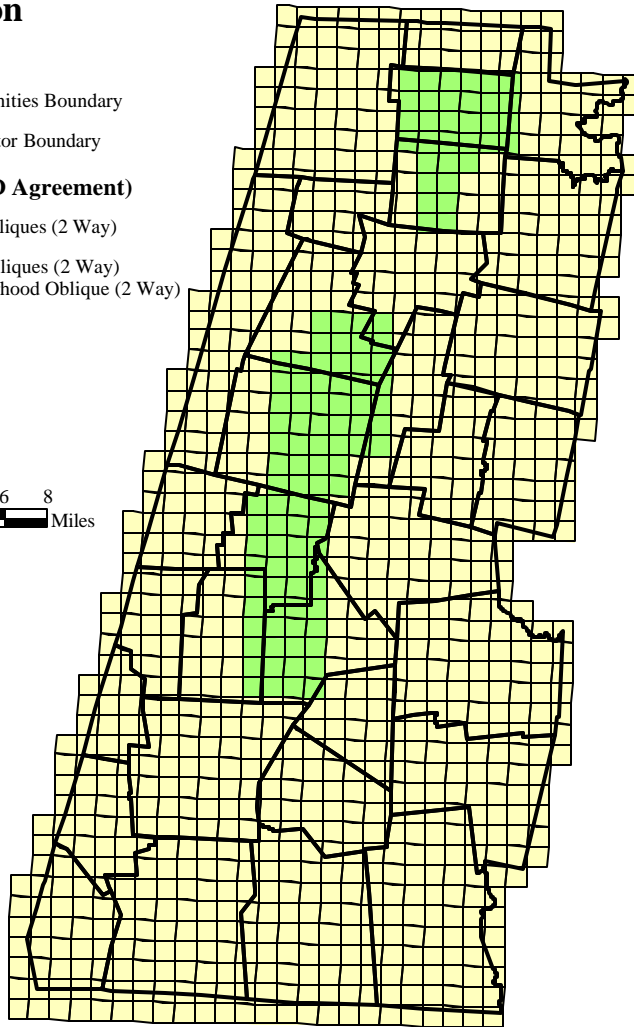
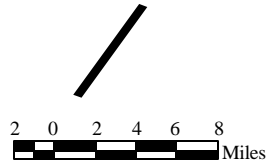
 BRPC Communities Boundary

 Pictometry Sector Boundary

### Sector Images (MHD Agreement)

 Community Obliques (2 Way)

 Community Obliques (2 Way)  
and Neighborhood Oblique (2 Way)



The map shows the BRPC region with a grid system representing the image sectors as defined by Pictometry. Each sector of the grid represents an area of approximately 1 square mile and each sector contains 6 community images (high altitude flyover) and 54 neighborhood images (low altitude flyovers).

### Community images:

- Flown at higher altitudes
- Obliques- Approximately 6 images per each sector taken from two perpendicular directions (2 Directions).
- All regions covered 100% with 2 direction Community Obliques.

### Neighborhood images:

- Flown at lower altitudes
- Obliques – Approximately 54 images in each sector taken from two opposing views (2 Directions).
- MassHighway has selected certain areas of the State to be covered with 2 direction Neighborhood obliques. (green sectors)

## Community Oblique Large-Scale Image

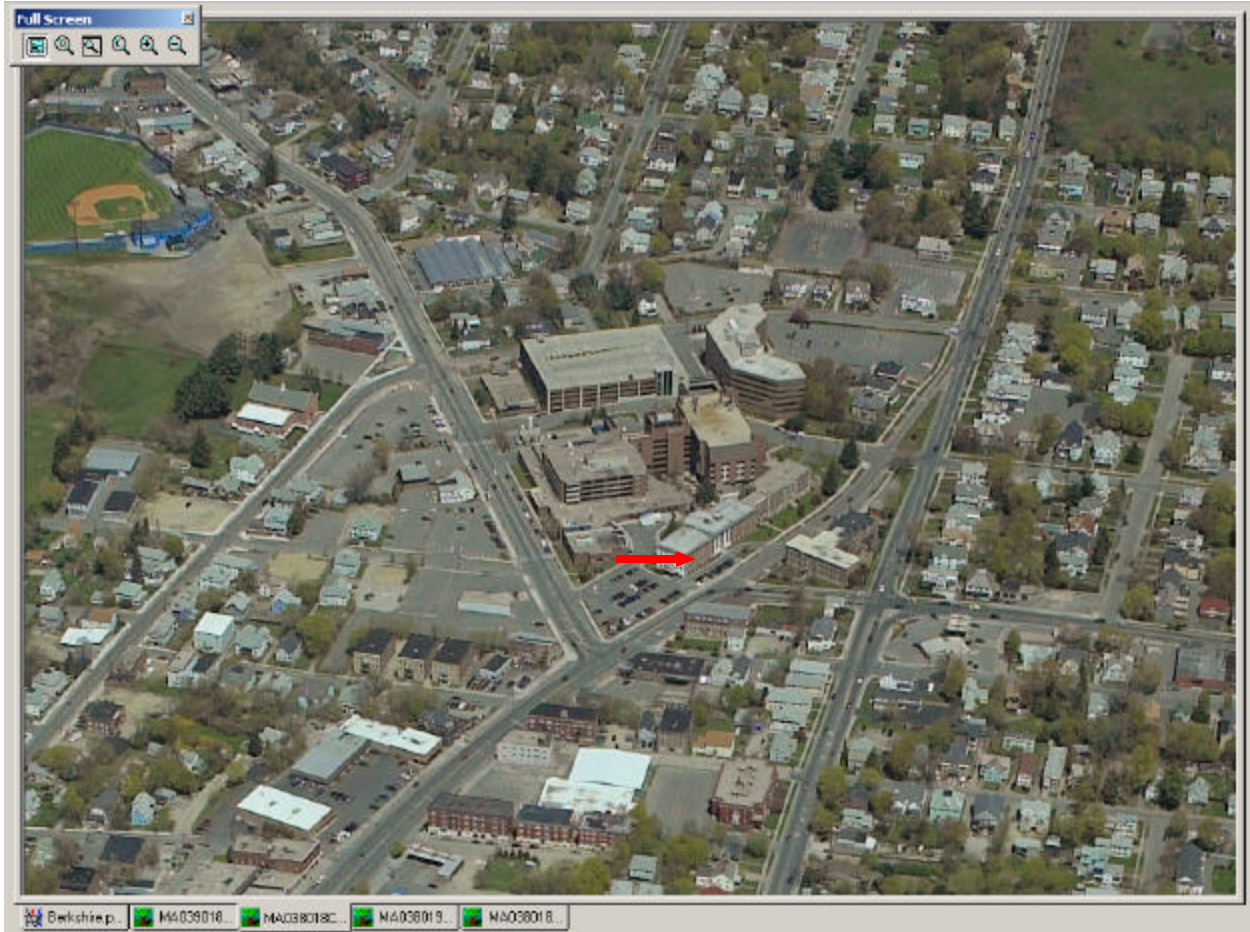


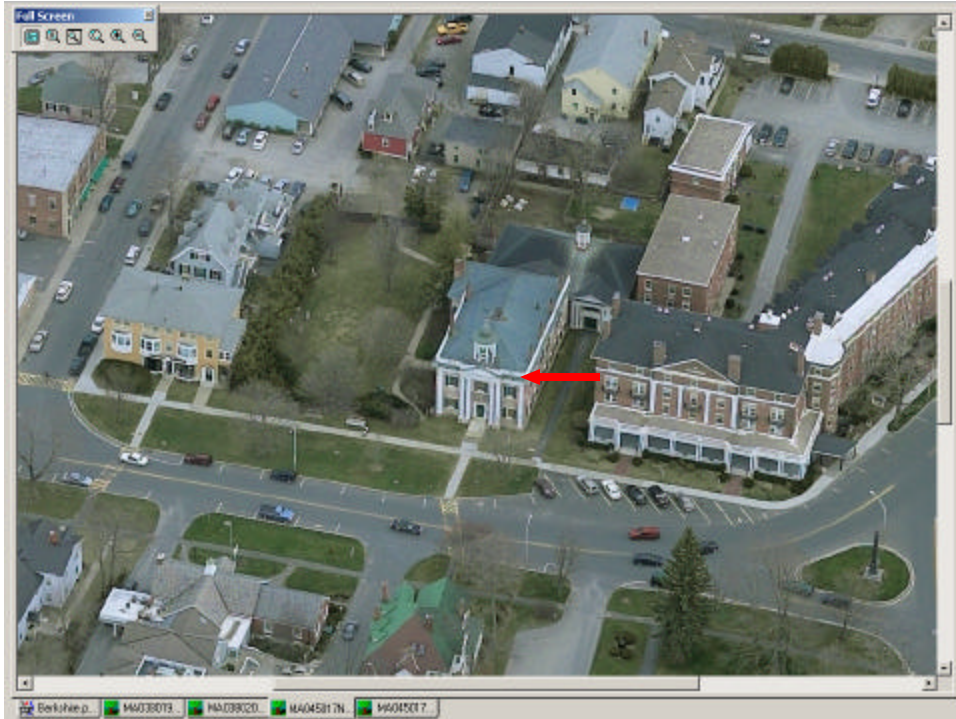
Figure 1: shows the Pictometry interface displaying a color digital oblique-image of a community viewed from the South. This image is shown at the Community Oblique Scale. The red arrow in the view is pointing to a building that will be the target feature.

## Neighborhood Oblique Small-Scale Image



Figure 2: shows the Pictometry interface displaying a color digital oblique-image of a community viewed from the East. This image is shown at the Neighborhood Oblique Scale. The red arrow in the view is pointing to a building that will be the target feature.

**2-way Oblique View –  
Neighborhood Oblique Small-Scale Image viewed from 2 directions**



**View from West**



**View from East**

**Allows a user to zoom-in to parcels for greater accuracy**



The above images demonstrate the versatility of this technology. Multiple perspective imagery will allow users to view and zoom-in to any area. Depending on the layout of the community, buildings or parcels may be viewed from a variety of scales and directions. Measurements such as the area or height can be calculated on features such as parcels and buildings respectively. Also, the compass bearing of any linear feature such as roads can be derived.

## **Cost of Pictometry Software and Images**

Software and images to a Community and training provided under MassHighway license agreement - **FREE**

### **BRPC 2 Year License Agreement for Pictometry Technology cost for Communities**

1<sup>st</sup> year includes:

- Installation of Software and Images to a Community (one site)
- Additional Training on Pictometry Software
- Tech Support (10 hours)
- Cost: \$1,500.00
- Discount - \$1500 – LTA (\$420) = \$1080

2<sup>nd</sup> Year includes:

- Additional Training
- Tech Support (15 hours)
- Cost: \$1,125

Note: Installation is at one site (preferably a network server). Additional installations cost \$300.00 if requested at same time as initial installation. Installations requested after initial installation will cost \$600.

Note: Cost does not include any hardware. Communities are required to have a fire wire port (\$50) and hard drive space large enough to hold all images for the community (10-50GB)

For those communities that do not enter into an agreement with BRPC, the software and images can be provided for free under the MassHighway agreement and prints of images can be obtained from BRPC at an hourly rate \$60 to cover our costs. The first seven (7) hours are at no charge under our LTA policy.

### **Hardware specifications for running Pictometry software:**

#### **Minimum specifications for running EFS Software:**

- Pentium II (or equivalent) processor
- 128 Mb RAM
- 16 bit video card with 1024x768 resolution
- 50 Mb free disk space available
- Network Connection 10baseT (Ethernet) or 10base2(coax) (only needed if networked. Also we cannot install on 10base2 but the product will work)

#### **Recommended specifications for running EFS:**

- Pentium III 750 MHz (or equivalent) processor
- 128 Mb Dedicated RAM
- 24 bit video card with 1024x768 resolution
- 50Mb+ free disk space available
- Network Connection 100baseT (Fast Ethernet) Switched network is preferred

#### **Minimum specification for running PGS editor:**

- Pentium III processor
- 128 Mb dedicated RAM
- 16 bit video card with 1024x768 resolution
- 50Mb+ free disk space available