

Planning Matters

Spring 2012

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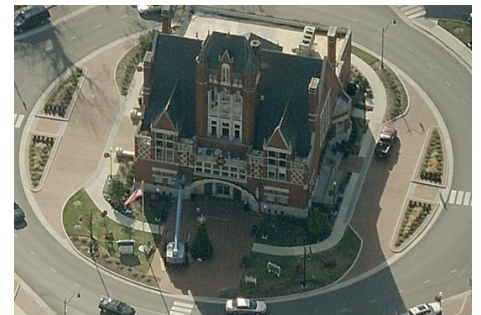
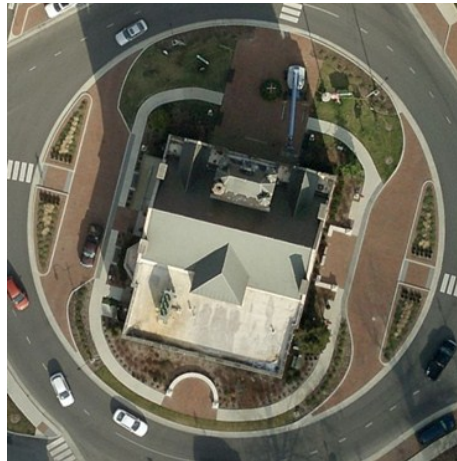
Property Valuation Administrator Unveils Pictometry Imagery & Software

Over the last 5 years, the Nelson County Property Valuation Administrator's (PVA) office budgeted \$67,000 for the purchase of innovative aerial imagery and software technology. While the PVA office has always had aerial imagery for property identification, the resolution and detail of the 2006 and 2010 images were deficient.

The PVA office contracted with Pictometry International Corp., the provider of a patented information system that captures georeferenced, digital aerial oblique and orthogonal images as well as related software. Pictometry includes both imagery and software.

Pictometry imagery includes 2 high-resolution imagery types for every square foot of an area – oblique and vertical. Pictometry Orthophotography provides a true top-down, vertical view of parcels and structures and is rectified to align with a map grid. The oblique images are captured at an angle and allow the structures and parcels to be viewed from North, South, East, and West.

Pictometry Electronic Field Study (EFS) is the desktop software converts geospatial information into useful visual data using 5 pre-defined views and easy-to-use navigational tools. Pictometry allows integration with existing Geographic Information Systems (GIS) data to provide a more comprehensive mapping and database system. Users may layer the GIS shapefiles and georeferenced data over the imagery and then use Pictometry's analytical tools to navigate, measure, annotate, and plan directly on the images, eliminating the need to switch between the 2 programs.



Pictometry images
Old Courthouse, One Court Square
January 3, 2012, 11:49 a.m.
Left: Top—Orthogonal, vertical, top-down; Middle—oblique, south side;
Bottom: Top—oblique, east side.
Above/Right: Top—oblique, north side; Bottom—oblique, west side

The PVA office entered into a comprehensive software licensing agreement. This agreement allowed the PVA office to share the imagery and software with other agencies. In April, PVA office hosted training to allow agency personnel to efficiently and effectively integrate the Pictometry images and capabilities into their day-to-day operations.

The Pictometry imagery and software has many benefits, including reducing and better managing field visits, allowing the viewing of properties with restricted or difficult access, and identifying previously undetected changes. The images allow agencies to see building and structures from different views and angles, identify, measure, and draw "footprints" of current structures, and measure setbacks, height, and other dimensions.

Applications for Pictometry include 911, appraisers, assessors, planning

continued on page 3

Zoning Compliance Permit Report January—March 2012

Permit Type	City		County		Total	
	#	\$	#	\$	#	\$
Agricultural						
Agricultural structure	0	\$0	19	\$284,200	19	\$284,200
Agricultural structure addition	0	\$0	1	\$1,000	1	\$1,000
Agricultural Subtotal	0	\$0	20	\$285,200	20	\$285,200
Residential						
Accessory Structure	13	\$64,821	40	\$453,038	53	\$517,859
Accessory Structure Addition	0	\$0	2	\$5,500	2	\$5,500
Multi-Family Structure Alteration	1	\$7,000	0	\$0	1	\$7,000
Multi-Family Demolition	0	\$0	1	\$0	1	\$0
Single-Family Dwelling Addition	7	\$29,250	10	\$167,900	17	\$197,150
Single-Family Dwelling Alteration	1	\$19,000	3	\$48,000	4	\$67,000
Single-Family Dwelling Demolition	0	\$0	4	\$0	4	\$0
Single-Family Dwellings	6	\$524,000	19	\$2,913,960	25	\$3,437,960
Single-Wide Manufactured Home Demolition	0	\$0	1	\$0	1	\$0
Single-Wide Manufactured Home	0	\$0	2	\$55,500	2	\$55,500
Single-Wide Manufactured Home - Park Replacement	1	\$0	0	\$0	1	\$0
Residential Subtotal	29	\$644,071	82	\$3,643,898	111	\$4,287,969
Commercial						
Commercial Accessory Structure	1	\$2,800	0	\$0	1	\$2,800
Commercial Structure	2	\$406,950	1	\$5,000	3	\$411,950
Commercial Structure Alteration	11	\$358,100	1	\$129,000	12	\$487,100
Commercial Subtotal	14	\$767,850	2	\$134,000	16	\$901,850
Industrial						
Industrial Addition	1	\$62,000	0	\$0	1	\$62,000
Industrial Structure	0	\$0	4	\$535,834	4	\$535,834
Industrial Subtotal	1	\$62,000	4	\$535,834	5	\$597,834
Public						
Public Structure	0	\$0	1	\$11,376	1	\$11,376
Public Structure Addition	0	\$0	1	\$30,000	1	\$30,000
Public Subtotal	0	\$0	2	\$41,376	2	\$41,376
Void Permits	1	\$0	0	\$0	1	\$0
Total	45	\$1,473,921	110	\$4,640,308	155	\$6,114,229

Joint City-County Planning Commission of Nelson County

One Court Square
Old Courthouse Building, 2nd Floor
P.O. Box 402
Bardstown, Kentucky 40004

Telephone: (502) 348-1805
Fax: (502) 348-1818
Email: ncpz@bardstowncable.net
Website: www.ncpz.com

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denotes Magisterial District

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Cindy Pile, Administrative Assistant
Tracy Grant, Receptionist/Clerk
Jack Waff, Enforcement Officer
Pen Bogert, Preservation Administrator
Mike Coen, Legal Counsel
Alicia Brown, Court Reporter

Pictometry (continued from page 1)

officials, GIS, transportation, law enforcement, homeland security, fire departments, insurance, real estate, engineering, and utilities. For emergency services, Pictometry can aid in better response times by identifying the property and routes. For instance, if an emergency occurs at night, dispatchers can look at the images and help direct emergency services to, in and around the property and structures.

The PVA office proposes to coordinate with other agencies to obtain and implement Pictometry's ChangeFindr technology. ChangeFindr is change detection technology that identifies and reports changes to properties, such as new construction, additions, and demolitions. This technology includes new imagery and creates outlines from the original orthogonal images. The older images are then compared to the more recent imagery. Changes are flagged for verification and analysis and are classified as new, changed, possibly changed, existing, demolished, or unknown. The price tag for ChangeFindr is approximately \$50,000 but has endless benefits for all agencies.

For more information on Pictometry, contact the Nelson County PVA office at 348-1810 or visit Pictometry website at www.pictometry.com.

NEWS

- **Ed Brown** was reappointed by the Nelson County Judge/Executive with approval by Nelson County Fiscal Court to serve a second 3-year term on the **Development Review Board**.
- **Phyllis Horne, Planning Commission's Receptionist/Clerk**, retired April 30, 2012. Phyllis started part-time with the Planning Commission in January 2004 and went full-time in February 2007. **Tracy Grant** has been hired as the Planning Commission's full-time **Receptionist/Clerk**.
- As of June 1st, **Pen Bogert, Preservation Administrator**, will reduce his workweek from 3 days (Mondays, Wednesdays, and Fridays) to 1 day (Wednesdays) per week. All HRB deadlines will change to coincide with Pen's schedule. Although Pen will only be in the office 1 day per week, individuals with Historic District questions or issues should still contact the office anytime for assistance.