

ANNUAL REPORT FOR 2012

JEFFERSON COUNTY LAND INFORMATION OFFICE STAFF DIRECTORY

NAME	POSITION
ANDREW ERDMAN	DIRECTOR
JIM MORROW	COUNTY SURVEYOR
NICHOLL OSTOPOWICZ	CARTOGRAPHER
TRACY SAXBY	REAL PROPERTY LISTER
KELLY STADE	ADMINISTRATIVE SPECIALIST

LIDAR Terrain Mapping

A new terrain model of Jefferson County was captured through Light Detection and Ranging (LIDAR) in April of 2012. The \$225,000 project was funded through the Community Development Block Grant – Emergency Assistance Program managed by the Jefferson County Economic Development Consortium. The project was funded primarily for flood mitigation purposes, but the new model will support a variety of other activities throughout the county related to storm water management, conservation practices, economic development, park development, archeological investigations, ecological monitoring and more. LIDAR data is captured by a plane mounted light sensor that sends light pulses to the ground and measures the elevation by measuring the time it takes the light to bounce back to the sensor. Elevations were taken about every four feet and post processed to filter out structures, trees and other vegetation to compile the bare earth model. The project included establishing quality control checkpoints in 5-7 of the major land cover classifications within the county. The quality control survey exceeded National Standards for Spatial Data Accuracy (NSSDA) criteria as outlined in FEMA's *Guidelines and Specifications for Flood Hazard*. All map products exceed American Society of Photogrammetry and Remote Sensing (ASPRS) Class II accuracy standards.

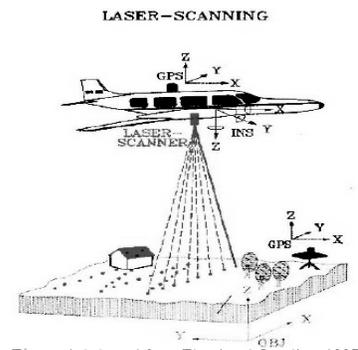


Figure 1 (adapted from Flood and Gutelius, 1997).

Replacement of Document Imaging and Content Management System

A new document imaging and content management system was selected through a request for proposal (RFP) process in 2012. There are 1.3 million documents stored on the system for 7 county departments including Land Information, Register of Deeds, Planning and Zoning, Child Support, Finance, Clerk of Courts – Family Court and Human Services. The software product called FileDirector was selected from six proposals. The conversion of documents to the new system began in September by Integrated Imaging Incorporated out of Appleton Wisconsin and continued into 2013. FileDirector has additional features like enhanced integration with Microsoft Office and workflow processing that will provide more efficiency to deliver county services. Documents are stored in redundant locations providing greater continuity of operations in the event of a disaster.

Official County Road Map/Brochure Republished

The department updated the Official County Road Map completely in house for the first time in 2012. In the past, the brochure side was designed by an outside vendor. University of Extension, Parks Department and the Economic Development Consortium provided assistance with the brochure content.

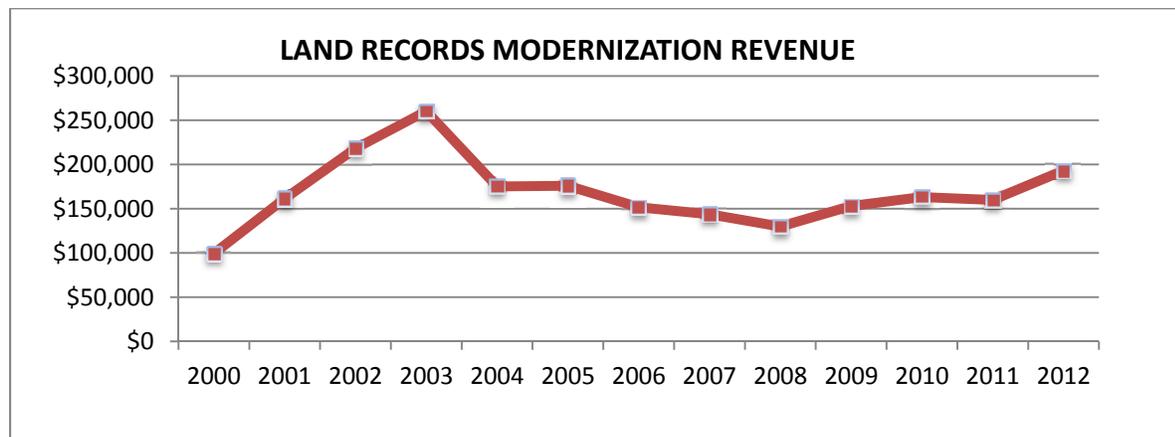
Land Information Program Revenues

The Land Records Modernization Plan is funded by a portion of the Register of Deeds Recording fee collected for each recorded document. The County retains six dollars for each document in the retained fund and two dollars in the public access fund. These funds are restricted to use for land records modernization projects that are identified in the County Land Records Modernization Plan.

COLLECTION PERIOD	DOCUMENTS SUBJECT TO FEES	COUNTY RETAINED	PUBLIC ACCESS	STATE ADMIN GRANTS	REMOTE ACCESS
2009	20,735	\$83,480	\$20,870	\$41,470	\$7,185
2010	17,631	*\$91,674	*\$28,175	\$35,262	\$8,073
2011	15,110	\$90,657	\$30,220	\$30,220	\$8,732
2012	18,390	\$110,340	\$36,780	\$36,780	\$9,235

*On June 25, 2010 the retained fees increased from \$5 to \$6 per document in the retained fund and \$1 to \$2 per document the public access fund.

The total number of instruments recorded that are subject to the fees increased by 22% from 2011 to 2012.

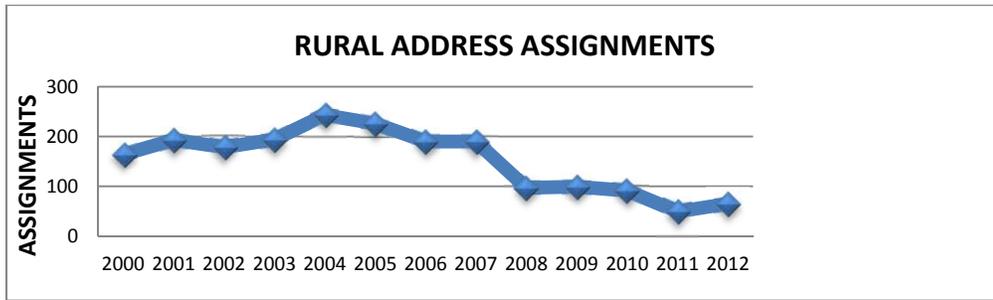


Real Estate activity continued at a slow pace in 2012, but did increase slightly compared to 2011.

REAL ESTATE ACTIVITY MULTI-YEAR COMPARISON

YEAR	DOCUMENTS PROCESSED	RURAL ADDRESS ASSIGNMENTS	YEAR END TOTAL PARCELS	COMBINED OR VACATED PARCELS	NEW PARCELS	REVENUE MAP SALES ETC
2009	2,999	99	43,292	4	66	\$16,734
2010	2,741	91	43,389	9	106	\$16,576
2011	2,880	49	43,406	76	93	\$13,336
2012	+12% 3,236	+32% 65	43,497	16	107	+11% \$14,749

The following graph illustrates rural address assignments over the last 13 years. There was a slight increase in 2012 which points toward gradual growth in new construction.



SURVEY ACTIVITY IN JEFFERSON COUNTY

YEAR	CERTIFIED SURVEY MAPS	PLATS OF SURVEY	SUBDIVISION PLATS	STATE TRANSPORTATION PLATS	CEMETERY PLATS	CONDO PLATS
2009	57	162	2	5	6	6
2010	63	159	0	39	0	2
2011	77	166	0	17	0	1
2012	84	176	1	2	0	2

Land Survey Projects

In addition to maintenance of the public land survey system monuments, monument records certified survey review and filing plats of survey, the Land Surveyor was engaged in the following County projects in 2012: Topographic survey for a portion of Highway C for engineering design, Construction staking for Highway SC and a ditch profile survey on Highway A for the Highway Department. First floor and lowest ground elevation for structures on properties in the Emergency Management Flood Mitigation buyout program and boundary surveys for a flood mitigation properties managed by Parks Department.

Respectfully Submitted

Andrew J. Erdman