

## **Highlights of the GIS Steering Committee Meeting February 20, 2009 Oakland County, Michigan**

*For more information about any of the topics below, please contact your **User Support Specialist**. If you do not have a User Support Specialist, or you are not sure who your User Support Specialist is, please contact the IT Service Center at 248.858.8812 or [servicecenter@oakgov.com](mailto:servicecenter@oakgov.com).*

### **Miscellaneous GIS Program Items**

In 2009, the GIS Steering Committee will continue to meet quarterly. The dates are:

- May 15, 2009
- August 21, 2009
- November 20, 2009

### **Miscellaneous GIS Program Items**

Oakland County has been placed under a hiring freeze. Though there are Land Team vacancies at this time, posted positions will not be filed.

### **Upcoming GIS Conferences & Events**

**SEMCOG: March 12<sup>th</sup> Transportation GIS**  
**IMAGIN May 4<sup>th</sup>/5<sup>th</sup> Lansing**

- *2009 URISA GIS & CAMA Conference* was held February 8-11, 2009 in Charleston, SC. Oakland County's Equalization and Information Technology departments will spoke about Forecasting and Accountability: Parcel & Assessment Information in the Post-Bailout Era
- *2009 ESRI Developer Summit* will be held March 23-26, 2009 in Palm Spring, CA
- *2009 ESRI User Conference* will be held July 13-17, 2009 in San Diego, CA
- *2009 URISA Conference* will be held September 29-October 2, 2009 in New Orleans, LA

### **ArcGIS 9.3 Migration and Implementation**

The ArcIMS migration will be completed near the end of march. The Golf and Trails IMS sites have been migrated to ArcGIS Server. ArcGIS Desktop editors have been migrated to 9.3 and work is underway to migrate other users. While OCIT has continues to investigate Citrix 9.3 will be a standard desktop deployment. Users can contact the Service Center for questions or help in facilitating the migration of custom tools. The upgrade to 9.3 SDE is scheduled for May.

## **OakMAP/Second Generation Access Oakland**

At the prior Steering Committee 2<sup>nd</sup> Gen Access Oakland was demonstrated. Currently working on integrating further Access Oakland products as well integration with the Oakland County shopping cart. The team is working through policy decisions to roll out beta.

## **Collaborative Asset Management Project (CAMS)**

Oakland County Road Commission (OCRC) and Oakland County Water Resource Commission (OCWRC) (formerly Oakland County Drain Commission) is currently finalizing business requirements for CMMS. OCIT is working on system architecture plans and is scheduled to have a development environment by Spring. Oakland County legal counsel has agreed on terms & and the Oakland County Board of Commissioners will look to approve by year end.

CAMS data conversion – currently 8 CVTs are participating. Novi, Auburn Hills, & Oak Park are being actively converted.

An agreement was signed between Oakland County and the Road Commission. Currently OC IT is generating project plan and is scheduled for project kickoff the first week in March.

## **Real Time Locator Project**

Jamie Munro **demonstrated** the site and new report functionality. Reports that have been traditionally available in the thick client environment have been included in the web environment.

## **ArcGIS Training and GIS Training Classes for CVTs and County Staff**

Calendar of classes is available online at [www.oakgov.com/gis/calendar](http://www.oakgov.com/gis/calendar)  
Application Services is looking into refreshing the course material – update to be given at the February 2009 GIS Steering Committee. Suggestions for training classes can be emailed to Dawn Siegel ([siegel@oakgov.com](mailto:siegel@oakgov.com))

## **County Departmental GIS Initiatives**

### **Planning and Economic Development Services (PEDS).**

PEDS has attained 1940 and 1957 historical photography of nearly the entire County. PEDS will be georeferencing the images as they are needed for various projects; they are on Y right now. There is also an index tiling scheme available in SDE corresponding to the historical imagery.

Chris Moshier **presented** the development of County wide tree canopy data using LIDAR. Contact Christ Moshier for more information (248-858-1995).

## **One Stop Shop**

New employee Joel Jeffries was introduced.

## **Public Safety**

CLEMIS is looking in to converting from their current AVL system to an existing RTL system. Several details need to be considered before any conversion takes place. CrimeIMS – unmatched incidents not being geocoded is being analyzed.

## **Water Resources Commissioner's Office (OCWRC)**

Publishing Data Model Project is finishing up. A data model for Public Works employees, non Public Works employees & public data is being finalized. The expected completion data is March 22<sup>nd</sup>.

Joel Kohn **demonstrated** the newly developed drain apportionment application. The application was built utilizing ArcGIS Engine.

## **Health Division**

A Communicable Disease Reporting (CDR) module is being piloted with the Holly School District. The CDR will allow schools to report communicable diseases to the Health Department through an online form. Currently, schools must fax all forms to the Health Division for data entry. All schools are expected to use this reporting method beginning with the 2009/2010 school year. Oakland County currently has 1500 daycares & schools reporting information.

Recently the Health Division utilized GIS to conduct a survey of grocery stores to be used for lower income families. GIS was also used to study the relationship between fast food establishment and high schools to better target community health programs.

Oakland County will be providing the food module of the EHealth application to the State of MI Dept. of Agriculture.

**Road Commission** is working on standardizing all of their data that is available on ArcIMS.

**Equalization** is working to improve their GIS productivity tools in ArcGIS with a one step process

**Treasurer's Office** is continuing to work on TOS and building a .NET GIS application. It is planned to be demonstrated at the next Steering Committee meeting.

## **Other County Department GIS Projects**

### **Parks and Recreation**

Continuing the implementation of the Technology Roadmap. Currently working to expand the County network to 7 primary and 17 secondary sites. Working to developing a data model of the Parks built infrastructure will begin soon, this data will be largely used to populate CAMS. Business requirement for the Recreation and Conservation Portal have begun in collaboration with other departments.

**Airport** is **finalizing the contract with vendor** to implement LEASETRACK.

## Data Projects

Updates have been made to the data sharing policy concerning data sensitivity. The policy can be found [here](#) (pdf).

## Data Access and Distribution

The next data CD will be distributed between the end of December & the first of January.

2009 CD Distribution Schedule:

- (1) March 27, 2009.
- (2) June 26, 2009.
- (3) September 25, 2009.
- (4) December 28, 2009.

## Data Maintenance - 2008 Ortho Imagery & Lidar Project

The USGS is converting the regional imagery into our coordinate system. MrSID files will be distributed to the CVTs. Lidar data is now available in SDE. Raw Lidar data is also available on the file server. QA/QC has been completed on the Lidar data. QA/QC is being completed on the DEM. Once the DEM is ready it will be available in SDE. Imagery/Lidar was acquired in April and was approved in June. Oakland County received the data on November 3<sup>rd</sup>. and QA was completed on November 7<sup>th</sup>. QA/QC revealed some breakline concerns that the vendor will have to address. Once the concerns are address from the vendor, breaklines can be created. Infrared band is available on the data as well.

**Nicole Johnson demonstrated** the difference between the new 2008 ortho imagery (1 foot pixels) and existing 6 inch pixel resolution.

Nicole reviewed the new DEM & the settings for statistics to ensure the best resolution.

Initially there was a 2ft shift in data generated from the 2008 Ortho Imagery Project. OCIT Worked with the USGS to develop a script to adjust each tile to StatePlane NAD 83 (86 Adjustment). The data is now available in SDE.

There are known color issues when creating Mr. SIDS from new imagery data. Nicole Johnson **demonstrated** the issues. The Data team is actively working on color issues.

Raw LIDAR data will not be available in SDE. A 3 meter DEM derived from the LIDAR data is available in SDE.

## Land and Address Management System (LAMS)

DigiPics is being integrated into LAMS. There will also be a project to integrate special parcel types; currently gathering requirements. There will be significant modifications to LAMS; there are plans for training to be provided.

**Road Centerline Migration** - Road centerlines are being converted from coverage to personal geodatabase (pgdb). By converting to pgdb, additional attributes can be utilized. Currently, Michigan Left Turns and boulevard road attributes have been

created. Existing AMLS will be converted & project is expected to be completed in April 2009.

The majority of the attribution is completed for the Road Centerline project. All geometry work is completed. The next step is working with CLEMIS to review process of data delivery

Reminder: If any one has data corrections or needs to report a data error, please contact the Service Center at [servicecenter@oakgov.com](mailto:servicecenter@oakgov.com) or 248.858.8812.

Both [gisdata@oakgov.com](mailto:gisdata@oakgov.com) & [gishelp@oakgov.com](mailto:gishelp@oakgov.com) will be retiring at the end of 2008. Refer to the Service Center to report issues or ask questions.

**Trimble GeoExplorer XT Loaner Program – CVTs and County departments may borrow a Trimble GeoXT device. If interested, please contact Dawn Ruzziconi.**