

Highlights of the GIS Steering Committee Meeting May 16, 2008 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.*

Miscellaneous GIS Program Items

In 2008, the GIS Steering Committee will continue to meet quarterly. The dates are:

- August 15, 2008
- November 21, 2008

The **SEMCOG** GIS Regional Committee will be held on June 12. Topics to be determined.

Upcoming GIS Conferences and Events:

- 2008 Azteca User Conference will be held June 16 -18 2008 in Snowbird, Utah.
- The 2008 ESRI International User Conference will be held August 4 – 8, 2008 in San Diego.
- The 2008 URISA conference will be held October 7-10, 2008 in New Orleans.

Oakland County has commenced ArcGIS 9.2 migration testing and has resolved to migrate directly from 9.1 to 9.3. Oakland County has become an ArcGIS 9.3 “pre-release” testing shop (previously referred to as a beta site). Testing will focus on server & ArcGIS enhancements. Version 9.3 is to be released around the time of the ESRI User Conference in August. Additionally, a Citrix environment is considered for the deployment of 9.3 to save resources. A Citrix connection would also allow users to use multiple versions on the same desktop (9.1 7 9.3, etc.). Countywide Citrix Access Gateway is provided via the internet.

Tammi Shepherd **demonstrated** a non-cached/dynamic caching server application. Dynamic caching is data that is returned to the user as the data is being used.

Mike Dagle & Eric Polerecky **demonstrated** the use of ArcGIS mobile via cell phones for the deployment of the mobile Animal Control Census application. Data must be stored in SDE & can be versioned.

Tammi Shepherd spoke about the Second Generation of Access Oakland project. Business requirements are complete. Screen design & preliminary technical requirements are currently in process. The next steps are rolling out the pricing strategies by stakeholders (public & real estate). Input is needed to determine if the DigiPics access policy should be relaxed. Why are we protecting the DigiPics when the internet has more on Google & Microsoft? Contact Tammi Shepherd with concerns. Database design is underway. Version 1 deployment is underway.

The next course offering for Fundamentals of GIS on May 21st has been canceled. There will be a Basics of ArcGIS offered on June 18th. These classes will be taught in ArcGIS 9.1, but the classes will be updated to ArcGIS 9.3 once Oakland County migrates. Oakland County is currently looking into adding new class content. Suggestions/ideas? Contact Mike Dagle.

Jamie Munro, an authorized ESRI training instructor, will be authorized to teach additional courses in addition to ArcGIS I. More information to follow.

Future training offerings are listed on the web at <http://www.oakgov.com/gis/calendar>. To register for a class, please fill out the PDF at the bottom of the GIS Calendar page. The completed form can then be dropped at the IT Information Desk, or faxed to 248.858.0828. Please send any additional training needs to Dawn Siegel (siegeld@oakgov.com).

Dawn Siegel introduced recently contracted Business Analysts. Oakland County is continuing to contract new resources to meet demands.

County Department GIS Initiatives

The **Planning and Economic Development Services Division (PEDS)** unveiled "Reservations" the 3rd map in the Historical & Cultural Resources series. PEDS received a first place award for "Best Cartographic Design" at the Imagin conference for the "Historic Sites & Districts" map. This map series is available for purchase at the One Stop Shop.

The natural areas & land use analysis map is being updated. The updates will reflect new recreation land as well as create awareness of natural lands in Oakland County. The maps are parcel based. Maps are available for purchase on the web by visiting www.Oakgov.com/luz

The **Public Safety Team** – Dawn Beemer **demonstrated** an Emergency Kit that is available to CVTs. The Emergency Kit contains a Trimble GeoXT GPS device, notebook computer & plenty of instructions for capturing data in emergency situations.

The Oakland County Drain Commissioner's Office (OCDC)

Hydro-Drain Data conversion project, launched April 29, 2007, began with existing hydrography data and added Drain attributes & closed pipe infrastructure. The new data will be repacked for publishing in the fall. Following publishing, tips and training will be offered for utilizing ArcHydro tools with the new data. Contact Jamie Munro regarding ArcHydro tools. This is the 3rd & final conversion for OCDC since both Water and Sewer are already complete. A revised Data Model that includes Water, Sewer, and Storm (Hydro) will be incorporated into OCDC's data sharing policy for sensitive data.

Tom LaMahieu **demonstrated** the Drain Apportionment Project that utilizes ArcGIS Engine. The ArcGIS Engine front end has been coded using ArcObjects to calculate and visually display drain and lake level assessments in Oakland County. The application will track parcel changes and will result in an easy to use interface for maintaining the special assessment charged by the OCDC. The Project will be complete with the tax cycle in 2009.

The **Health Team** is continuing to add GPS data to eHealth. Food borne illness trending is being utilized by way of paper less system along with GPS devices that are being utilized for tracking food service establishment violations. WNV monitoring has begun for the 2008 season. Public Health Nurses have begun mapping infant mortality. Lastly, Emergency Preparedness using GIS for city readiness.

The **Road Commission** is working with the road centerline migration project as well as adjusting their ArcIMS site to reflect construction projects.

The Register of Deeds/Clerk's Office

The Equalization Department

The end of the year BSA roll is completed. Map function within BSA that was currently unavailable is enabled now and it is linked to Virtual Earth pictures. Free functionality offered by BSA.

The **Treasurer's Office** is gathering business requirements and making plans to implement GIS into the new Treasurers Office System (TOS).

Matt Malone from Farmington Hills **demonstrated** their Sign Inventory Project. The Project has allowed for their database to contain over 6400 inventoried signs. The newly created layer contains the type of sign, date, status, attributes (MDOT/USDOT). Aerial photos of intersections are also available.

GIS Data

Anita Campbell **demonstrated** Lidar/DTM imagery acquired to date. Imagery is 1 foot true color. USGS expanded the original capture footprint to include Oakland County. This partnership saved Oakland County over \$50,000.

LAMS will be including BSA exports as often as possible to ensure data is as up-to date as possible.

The Parcel Info tool was fixed in ArcGIS 9.1.

The Parcel Attribute tool may be changing slightly in the ArcGIS 9.3 release.

DigiPics has a new name of "Image Manager". The old DigiPics server will be retired and requirements gathering as begun to integrate Image Manager into LAMS. This will result in improved uploading but the same functionality.

Road Centerlines are migrating to a PGDB from coverage. The migration will allow for more attributes such as routing features (speed limits, signs, etc).

LUCA 2010 Census project is responsible for adding an additional 50, 000 address into LAMS.

Data Access and Distribution:

- Contact servicecenter@oakgov.com or 248.858.8812 for the following:
 - Direct connect to ArcSDE
 - Direct access to Data Warehouse

- 2008 CD Distribution Schedule
 - March 28, 2008
 - June 27, 2008
 - September 26, 2008
 - December 26, 2008

Oakland County is still offering a GPS Loaner Program for CVTs. See Mike Dagle (daglem@oakgov.com) for more information.