

Highlights of the GIS Steering Committee Meeting November 19, 2010 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.*

2011 GIS Steering Committee Meeting Schedule

The GIS Steering Committee will continue to meet quarterly during the following Friday dates:

- February 18, 2011
- May 20, 2011
- August 19, 2011
- November 18, 2011

Special Guest Presentation: State of Michigan, Laura Blastic and Paul Harmon

www.michigan.gov/csstp

www.michigan.gov/NSDI

- a. Michigan Statewide GIS Business Plan
 - Local & State Boundary Technology Steering Committee – CSSTP Center for Shared Solutions and Technology Partnership
 - Enhance GIS Coordination & Partnerships
 - Expand & Support GIS Services
 - Develop Web Based Applications & GIS Services
 - Expand access to GIS Education & Training
 - High Priority Initiatives: Programs to support Statewide Ortho Imagery, Parcels & Address Points
 - Next Step- Develop Implementation Plans for High Priority Initiatives
- b. Michigan Geographic Transportation Data Stewardship Plan
 - Expand and enhance transportation data
 - Expand participation
 - Increase awareness
 - Promote participation of data themes of MGF program
 - Benefits – Low cost data, Cross jurisdictional datasets, Statewide Data Standards, Basis for statewide disaster support, Evaluation of road type and mileage for repairs

December 2nd Close Out Session – All welcome to come

Miscellaneous GIS Program Items

Oakland County is still under a hiring freeze. There are a number of vacancies within Application Services but not filled at this time.

SEMCOG hosting GIS User Group Meeting Dec 9th.
To discuss ArcGIS Server and Cloud Technology.

Aerial imagery is being processed from the 2010 SEMCOG flight. Additional information about this project can be viewed through the SEMCOG website www.semcoq.org

Annual IMAGIN Conference: Bay City, May 2-3

Cityworks Users Conference held in St. George, UT on May 16-18

ESRI's Annual User's Conference will be held in San Diego, CA, July 11-15

Migration to ArcGIS 10 Project Update

New Architecture Discussion

- New File Server for Caches
- Working on Failover Server
- Built out Application Tier
- Utilizing Virtual Servers

Lessons Learned:

- Verify that Video Card is Open GL 2.0 Compliant
- ESRI recommends 2.0 GB of RAM. No huge difference in performance from 1GB. OCIT is evaluating 3GB upgrade.
- SDE slowness on initial SDE connection – Working with ESRI
- ESRI Bug: Issue that prevents users with read-only accounts from viewing ArcSDE metadata. Will be fixed with SP1. Currently you can find metadata for many feature classes here: <http://www.oakgov.com/maps/metadata/> or contact the Service Center for a specific layer's metadata that is not available.
- SP1 resolves many composite geocoding issues
- 3 ESRI Bugs with Model Builder

OakGov Challenge Winning Applications

Dawn Siegel discussed the **OakGov Challenge** presented by Oakland County in conjunction with AT&T. The contest was designed to encourage those who live, work or go to school in the Economic Growth Alliance (EGA) Region to develop innovative and creative web-based or mobile applications that enhance government services for citizens. Total prize money available was \$10,000. Visit www.oakgovchallenge.com for more information on the winners and their applications.

1st Place – Parcel Viewer by Tom Hoag

2nd Place - Food Violations by Godfrey Nolan

3rd Place - OMG Campus by Sy Banerjee

Property Gateway

Updated Version coming soon

- Personal Property Search Available
- Dynamic Layers to be Available
- New Printing Functionality
 - Print by PDF or have Print mailed
 - Print Preview Available
 - 8 1/2 x 11 Layout will be free of charge

CAMS:

The County is participating in ArcGIS version 10 Beta testing. The test environment is being finalized. The County is working with ESRI to modify the existing architecture to consolidate/virtualize servers and reduce licensing costs.

- Base development of Public Access Portal complete
- Load balance solution - Panasonic Toughbook
- Log shipping for DB failure - will not lose more than a few minutes of data
- Finalizing Security Tool

WRC: Oakland County Water Resource Commission (OCWRC) has completed alpha testing and beta versions of CRM, CMMS & Permitting have been installed. The Second Beta release to come at the end of November. Development for PeopleSoft and Northstar integration is very close to being complete. Production architecture and design recommendations are being worked on and the entire system will go live early next year.

Road Commission: Went live with CRM CAMS. Everything is going well for RCOC.

Parks:

- Configuring – Early Feb go live
- Waterford Oaks County Park served as a pilot park for this project and will go live in early February. Afterwards the remainder of the parks will be rolled on an individual basis. GIS data has been completed and covers every inch of the 13 parks maintained by Oakland County.

FMO/Woolpert:

- PeopleSoft integration
- Portal requirements completed and is in design
- Project Management design underway
- Configuration well underway
- Janet Brinker is managing the implementation of CRM, CMMS, custom integrations, and a custom portal for County staff to create service requests.

CAMS data conversion: CVT data conversion on hold, but should be back up by February 2011.

ArcGIS Training and GIS Training Classes for CVTs and County Staff

Calendar of classes is available online at www.oakgov.com/gis/calendar

There is one training class a month. OCIT is pursuing an overhaul of the existing class offerings and content. New classes based on the ArcGIS 10 release and include Basics, Fundamentals, various Applied GIS classes, and various Special GIS classes. Details about these new classes will be finalized by the end of the year and a new curriculum will follow early next year.

Suggestions for training classes can be emailed to Dawn Siegel (siegel@oakgov.com)

County Departmental GIS Initiatives

Clerk / Register of Deeds - Redistricting Project

Redistricting GIS Tool will be coming

Equalization

RFP released for updating tax and assessing system

Facilities Maintenance & Operations (FM&O)

FM&O is thinking of moving data towards a GIS database. Possibilities to come.

Health Division

Have migrated their GPS mobile environment to 10/Mobile. They have started to use the last few weeks.

eHealth Mobile Application Demonstration:

- Lower cost to OCHD and IT for licensing and maintenance
- Technology greatly improved
- Check data in/out with Wi-Fi
- Can now view previously captured data
- Simplified soil boring data entry form
- Capturing additional data and
- Base map is now included

The Health Division is currently working on enhancements to eHealth system. Enhanced components will include scheduling, standardized addresses using LAMS, and routing that will work with scheduling to map the most efficient solution.

Homeland Security

Creating a collaborative mapping tool for critical infrastructure and vulnerable populations for several Counties/City of Detroit. Integrate with live feeds from weather service, etc. joint Oakland County and Macomb County. Kicking off in January.

A Master Plan project has been proposed to develop a GIS mapping site to assist with management of cross jurisdictional issues.

One Stop Shop (OSS)

OakMap will be migrated to 10

Has been helping with Property Gateway testing & review

Parks and Recreation

Recreation Inventory – amenities and programs. Collaborative effort between all parks in Oakland County.

RecTrac – Been using the new point of sales system for the last year.

- Using customer zip codes to look at customers for marketing efforts
- Determining within parks what is most popular park
- Taking data from RecTrac and meshing with CAMS

PEDS

Foreclosure Data presentation given at ESRI UC. Foreclosure Analysis Article to be in ESRI Government Matters.

Public Safety

Crime Analysis training, March 2011

GIS updates come from coverage moved to Personal GDB.

New tool in 10 with QA effort

Road Commission

No update

Treasurer's Office

TOS rewrite continues. OCIT is actively working with the Treasurer's office to rewrite the current Treasurer's Office System.

Water Resources Commissioner's Office (OCWRC)

Busy with CAMS

Data Projects

Data Access and Distribution – Remaining 2010 CD Distribution: December 27, 2010

Currently testing alternate means of delivering data (ftp site)

Will be usable in 9.3

Imagery – 2010 Imagery – This is a regional project with SEMCOG that will produce True Color imagery with 6 inch pixel resolution (no IR band). There was a Projection Issue with Oakland County's Imagery, new delivery end of November.

Road Centerline Migration – Done. Will be updated weekly.

GPS

Additional devices have been added to the loaner pool. CVT's and County departments may borrow a Trimble GeoXT device, free of charge. If interested, please contact Dawn Ruzziconi.

The County has been testing with ArcGIS Server Mobile with hopes to replace ArcPad. Version 10 may have more functionality for real-time correction and eliminate custom check in/out processes maintained by the County.

CVT GIS Initiatives

City of Farmington Hills – Farmington Hills has gone Green.

- Green Efforts - Sustainable Farmington Hills www.sustainablefh.com

Southfield – In process of upgrading to 10. Working on replacing Custom Applications

GIS Day 2010 Even Recap

- Property Gateway Demonstrations - Three sessions
- County GIS Initiative - Visitors able to browse posters highlighting GIS use across Oakland County

Reminder: If anyone has data corrections or needs to report a data error, please contact the Service Center at servicecenter@oakgov.com or 248.858.8812.

The gisdata@oakgov.com email has been retired. Refer to the Service Center to report issues or ask questions.