

Highlights of the GIS Steering Committee Meeting

August 21, 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.*

Miscellaneous GIS Program Items

In 2009, the GIS Steering Committee will continue to meet quarterly.

The dates are:

- November 20, 2009

Miscellaneous GIS Program Items

Oakland County is still under a hiring freeze. There are Land Team vacancies at this time, 3 posted positions. The positions will be kept, but not filled at this time.

Upcoming GIS Conferences & Events

- ESRI UC 2009 Highlights Seminar: Learn Key Information Shared at the 2009 ESRI International User Conference (ESRI UC) Free, half-day seminar October 13, 2009 in East Lansing. Register Online http://www.esri.com/events/uc/highlights_seminars/highlights_info.html
- Oakland County PEDS Heritage Conference, September 10, 2009, Crofoot Ballroom in Pontiac, MI
- 2009 MiCAMP's Conference, September 16-18, 2009 in Boyne Falls, MI.
- 2009 URISA Conference will be held September 29-October 2, 2009 in New Orleans, LA
- NSGIC 2009 Annual Conference, October 4-8, 2009 in Cleveland, Ohio
- Azteca Systems – in lieu of their 2009 Annual Conference, Azteca will begin hosting Nationwide Seminar Series, termed “show on the road” to compensate for customer travel budget slashes.

SEMCOG

At the Southeast Michigan GIS User Group meeting Sept 10th non-profit groups Gleaners & Forgotten Harvest will talk about how they have implemented GIS.

ArcGIS 9.3 Migration and Implementation

The ArcIMS migration and upgrade to 9.3 SDE has been successful completed. Next step will be implementing 9.3.1.

Oakland County is participating in 9.4 Beta in October

Second Generation Access Oakland

Currently, integration of the Shopping Cart and changes to the User interface portions of the application are being developed. A winter 2010 release of the application is expected.

Collaborative Asset Management Project (CAMS)

Oakland County Water Resource Commission (OCWRC) (formerly Oakland County Drain Commission) has gathered business requirements for the CMMS. Efforts are continuing to configure CityWorks and integrate WRC systems. The project is making good progress, the basic Cityworks application has been installed in QA. The Alpha version of Permitting was deployed. Technical Design meetings are on-going, for the integration of Northstar and PeopleSoft with Cityworks

Oakland County Road Commission (OCRC) is working to identify architecture. Project plans and development strategy are being finalized and they are wrapping up configuration meetings.

CAMS data conversion – CVT data conversion continues. City of Novi is complete. 66,000 features have been converted and QA/QC is underway. Oak Park and Auburn Hills data conversion has begun.

Oakland County Parks and Recreation is currently securing funding and completing project plans for an anticipated 2010 FY implementation. Parks new data model will be created next month, pilot project to populate model will soon follow, with full conversion in spring.

Oakland County Facilities Maintenance & Operations (FMO) anticipates 500+ users of to request & facilitate county work orders. They are still in the early stages documenting current work order system. First phase should be done at the end of this year.

Broadband Stimulus Plan

ARRA funding 7.2 billion, deadline was 8/20. County did not submit but provided GIS data & mapping in support of partners and organizations submitting proposals that could bring funding to Oakland County communities and institutions. Next notice of funding availability will be in the fall and the final funding amount a few months after.

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. Steering Committee meeting attendees at the last meeting were asked to complete a survey for future OCIT class material and format needs. Dawn presented results from survey:

Class material most interested in:
#1 Data Production and Editing
#2 GIS Tools and Functionality

72% prefer hands-on/classroom style

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

County Departmental GIS Initiatives

Planning and Economic Development Services (PEDS).

CVT's can contact PEDS to receive information on newly devised Mortgage Foreclosure Analysis data. Contact PEDS for more information (248-858-1995).

Water Resources Commissioner's Office (OCWRC)

Jamie Munro reminded us that the new Hydrography dataset is available in SDE. The Hydro Drain Model Improvements include the migration of drain data into models, ArcHydro tool considerations and the addition of nearly 400 new water bodies.

Waterbody and Waterway in the Natural Features dataset will be replaced & moved to the Hydrography dataset and be renamed WaterArea and WaterCourse. Currently both datasets are in SDE. In late September OCIT will remove Waterbody and Waterway. An email will be sent out 2 weeks prior to remind users to re-map mxd's. OCIT has provided layer files and will include these again in the email. Questions regarding the re-mapping of Mxd's can be directed to the OCIT Service Center (<https://sc.oakgov.com> 248-858-8812 ServiceCenter@oakgov.com).

OCWRC also continues work on the CAMS project as well as AVL/RTL maintenance.

Drain Apportionment Application has show efficiency gains at WRC.

Health Division

The Health Division is actively mapping all confirmed H1N1 Flu cases across Oakland County. A Communicable Disease Reporting (CDR) module continues to be piloted. The CDR will allow schools to report communicable diseases to the Health Department through an online form. They are mapping users of the system as well.

Oakland County and the State of MI. Dept. of Agriculture (MDA) have finalized contracts allowing the MDA to use and distribute the food module of the EHealth application to health departments across the state.

After 5 years eHealth is running into parcels with previous GPSd wells and all new well septic installations. With multiple features a history feature class will need to be developed.

Equalization

New GIS productivity tools and reports are now in use and are proven to be very helpful. The tool allow assessors to gain access to production assessment and land value data and produce custom reports and maps for over 26 units of government. The application is available in two versions for either GIS users or kiosk customers.

Other County Department GIS Projects

One Stop Shop

Improving Golf Course FC and working on updating layer files. Layer files may be placed on SharePoint site.

Parks and Recreation

Continued work to develop a data model of the Parks built infrastructure that will be largely used to populate CAMS. Parks and Recreation is working alongside eGov to create Destination Oakland portal. It will be a SharePoint site with ArcGIS server integrated. The website portal is expected in October. An Interactive trails map will be a part of this portal. Please contact Chris Moshier for any input. 248-858-4605

Build out of OAKNet to 7 primary locations are complete. RFP is out for 19 secondary sites.

Vermont Systems was selected as the Point Of Sale system provider. POS Deployment to start in the fall so its ready by spring.

ERP - Emergency Response Preparedness

ERP has changed their name to Oakland County Homeland Security Division. They are currently mapping critical infrastructure.

Data Projects

Data Access and Distribution

2009 CD Distribution Schedule:

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

2010 Imagery – True Color imagery 1ft pixel resolution

Statewide Imagery – Microsoft Imagery available with a 3 year contract. Price is \$28/sq mile. This could give the opportunity to collect imagery more then every 5 years. OCIT will look into participation possible in the future.

Consolidated BAS Updates

53 of 62 CVT's are partnering with Oakland County for BAS updates. Oakland County will update municipal boundaries and road centerlines yearly to avoid duplication of efforts.

Land and Address Management System (LAMS)

A project to integrate special parcel types is in progress. Business requirements have been gathered, and initial development is underway. Implementation is expected during the 1st quarter of next year.

Road Centerline Migration

Road centerlines are being converted from coverage to geodatabase. Projected completion set for end of February. The project team is currently writing tools to replace existing AML's.

GPS

Oakland County is gradually replacing 11 GeoXT's over the next 2 years. Four devices just came in and will be going out soon. The old devices will be placed in the Trimble GeoExplorer XT Loaner Program – CVT's and County departments may borrow a Trimble GeoXT device, free of charge. If interested, please contact Dawn Ruzziconi.

CVT GIS Initiatives

City of Novi's Tree Inventory Project

Chris Blough, City of Novi – Presentation

- 1) City of Novi Urban Forestry Management Program
The City of Novi maintains trees in public ROW & parks. They plant trees, replace trees that are cut down, also maintain trees on private MDOT & RCOC owned property. They ensure species diversity. They have implemented a Forestry Management Plan.
- 2) 2009 Tree Acquisition & Inventory
Grant awarded from DNR. GPS tree for tree attribute database. 14,000 trees in 14 days, 140 different species. City of Novi is doing QA/QC of deliverables.
- 3) Tree Management
Using Davey Treekeeper 7 – Davey Resource Group
Performs service request tracking, work order management, reporting. Also includes basic ArcIMS integration.

Birmingham

Currently working on Cemetery Reclamation Project & Long Term strategic IMS plan

Troy

City of Troy is currently redesigning mapping deployments. They are leaning towards Microsoft Silverlight as a long term stagey. For now will update java script in the next month or so.

Waterford

Waterford is currently working on migration of Cityworks server. By the end of the year they should be starting the initial move to the server platform.

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

Both gisdata@oakgov.com & gishelp@oakgov.com have been retired. Refer to the Service Center to report issues or ask questions.