

Highlights of the GIS Steering Committee Meeting

May 21, 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.*

2010 GIS Steering Committee Meeting Schedule

In 2010, the GIS Steering Committee will continue to meet quarterly during the following Friday dates:

August 20, 2010

November 19, 2010

Miscellaneous GIS Program Items

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

OCIT is developing the next 2 year master plan. The Land Management Team is determining size and cost for 27 new development projects; including some that will be discussed at this meeting.

SEMCOG will host a meeting on June 10 to discuss ArcGIS 10 migration planning.

Arial imagery is being processed from the 2010 SEMCOG flight. Additional information about this project can be viewed through the SEMCOG website (www.semco.org)

Representatives from Oakland County, Troy, and Waterford attended the Azteca User Conference held in St. George, UT on May 17th & 18th.

ESRI's Annual User's Conference will be held July, 12–16 in San Diego, CA.

MiCAMP Conference – Boyne Mountain, September 22– 24

The State of Michigan Center for Shared Solutions will be hosting a virtual summit on May 26 at 2PM. Grants for GIS in Michigan will be discussed and additional information can be found on their website.

ArcGIS Upcoming Releases

The County will be participating in ArcGIS version 10 Beta testing. The test environment is being finalized and data will be loaded into the new ArcSDE version shortly. The County is working with ESRI to modify the existing architecture to consolidate/virtualize servers and reduce licensing costs.

OakGov Challenge

Dawn Siegel discussed the **OakGov Challenge** presented by Oakland County in conjunction with AT&T. The contest is 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 is \$10,000. Visit www.oakgovchallenge.com for more information. For marketing materials, please contact Dawn Siegel.

Second Generation Access Oakland

The reports and shopping cart are being finalized. An August release of the application is expected.

Collaborative Asset Management Project (CAMS)

Oakland County Water Resource Commission (OCWRC) (formerly Oakland County Drain Commission) has completed alpha testing and beta versions of CRM, CMMS & Permitting have been installed. About 75% of the configuration is complete. A second round of mobile testing is being completed to finalize device, software, and data connection options. PeopleSoft and Northstar integrated are ongoing and a multijurisdictional portal with geographic filtering is being developed. Production architecture and design recommendations are being worked on and the entire system will go– live this fall.

The Road Commission for Oakland County (RCOC) is in the final stages of implementing Cityworks CRM. User Acceptance Testing and training will continue over the next few weeks.

CAMS data conversion – CVT data conversion continues. The City of Novi and the City of Oak Park have been completed and transition to CVT QA/QC should occur sometime this summer. Data conversion on Auburn Hills is underway and will also be completed this summer.

Oakland County Parks and Recreation has continued to document the configuration guide and anticipates being done sometime in June. Waterford Oaks County Park will serve as a pilot park for this project and will go live in September. The remainder of the parks will be implemented during the next master plan that starts in October. Casey Hanson **demonstrated** the data model being developed to support Cityworks CRM and CMMS. GIS data is being developed to cover every inch of the 13 parks maintained by Oakland County.

Oakland County Facilities Maintenance & Operations (FMO) kicked off their migration from Maximo to Cityworks in April. Janet Brinker is managing the implementation of CRM, CMMS, custom integrations, and a custom portal for County staff to create service requests.

Sean Savage **demonstrated** the proposed Cityworks architecture and configuration. Plans for data security, replication, version management, and high availability were presented.

Broadband Stimulus Plan

The County is still waiting to hear if any additional funds have been awarded via the Broadband Technology Opportunities Program (BTOP).

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 will be based on the ArcGIS 10 release and include a 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

Susan Moore reported work has begun updating a school district boundary layer. The County is looking for any information on legal description documents, community college boundaries, or any other school district boundary. Eventually, this data will be available in the Administration feature dataset on the County's enterprise GIS server. Please contact the Oakland County Service Center (servicecenter@oakgov.com, 248.858.8812, GIS Data.Other incident area) with any information you can contribute.

Equalization

An RFP is being drafted for the upgrade or replacement of the BS&A Assessing Software. Input into the RFP will be collected during a June Assessors meeting, and the RFP will be released as early as July 1.

Facilities Maintenance & Operations (FM&O)

An interactive Energy Use Map is being developed to provide FM&O the opportunity to demonstrate energy savings on the County's campus via a web based mapping application. The development of the SharePoint site is being finalized.

Health Division

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

A Master Plan project has been proposed to develop a GIS mapping site to assist with management of cross jurisdictional issues. Macomb County has been proposed as a pilot area before the concept is expanded to other counties.

One Stop Shop (OSS)

OSS will assist OCIT with support of GIS-related Service Center calls.

Parks and Recreation

RecTrack, a point of sale application, went live in March at the golf courses. Implementation at other Park facilities will follow.

Radio frequency network connectivity contact is being finalized and work for some sites may be complete by mid July.

Public Safety

Bill Craft reported imagery updates for the ATM application will be pushed to dispatch computers and vehicle computers.

Dawn Ruzziconi reported that migrating CrimeIMS to ArcGIS Server technology is being proposed for the next master plan. Also, CLEMIS is looking to develop a new Automatic Vehicle Location (AVL) system internally.

Treasurer's Office

OCIT is actively working with the Treasurer's office to rewrite the current Treasurer's Office System. Some components are in production and there will be a large deployment into QA during the next quarter.

Water Resources Commissioner's Office (OCWRC)

WRC is working on scoping a potential master plan project to assist with the Illicit Discharge Elimination Program (IDEP). The project could streamline the collection of outfall information along County owned drains.

Data Projects

Data Access and Distribution – Remaining 2010 CD Distribution Schedule:

- (1) June 25, 2010
- (2) September 24, 2010
- (3) December 27, 2010

A recent survey was conducted to poll the CVTs about the distribution of the data:

- 18 of 55 responded
- 9 use County data CD and 9 use a County ArcSDE connection
- Most thought frequency was sufficient
- 2 were using 8.x ArcGIS while the other were using 9.3.1 ArcGIS

Imagery – 2010 Imagery – This is a regional project with SEMCOG that will produce True Color imagery with 6 inch pixel resolution (no IR band). The contract was awarded to Woolpert and flight was completed this spring. A sample of the newly collected imagery was shown.

Rouge River Watershed Land Cover Project – Vendor has delivered the data and the QA/QC process has begun. Date of final delivery and SDE publishing is TBD. The data contains level 1 land cover and has 5 classes.

CountyBuilding Polygon layer – The CountyBuilding polygon layer will soon be published to the CountyOperations feature dataset on ArcSDE. The layer only contains data for some County operated facilities

Cemetery Point layer – A Cemetery point layer will be published to the FacilitiesAndStructures feature dataset on ArcSDE. The layer will contain content like name, city, zip, year, total burials, total burial plots, religious affiliation, and alternate name.

ArcGIS Server Basemap – The County is reviewing the requirements, tiling schema, and update strategy for ArcGIS Server basemaps. Also, a series of standard basemaps will be designed to support ArcGIS Server sites.

Online Map and Data Store – A project has been proposed in the next master plan to create an online map and data store.

Land and Address Management System (LAMS) – Legacy parcel lineage (Mainframe lineage) will be flushed out and added to the application. The delinquent tax check is being modified to also perform a check on business accounts.

Three new LAMS projects are being planned:

- Real– time postal address validation
- GIS enable LAMS by creating a link to the map or integrating into parcel maintenance
- Linking of site addresses between real property and related parcels (business accounts, special acts, structures) to ensure the addresses are in synch.

Road Centerline Migration – Currently working on tools for CLEMIS data processing. Work may be completed in August and a rollout of the new centerline data may coincide with an ArcGIS 10 upgrade.

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

Troy – Alex Bellak **demonstrated** a citizen request portal and a forest portal. The forest portal is scheduled to go live sometime in July.

City of Farmington Hills – Matt Malone **demonstrated** the City’s use of a Google Earth plug-in.

GIS Day 2010 OCIT would like to partner with the local CVTs to emphasize and promote each other’s GIS programs for GIS Day 2010. Anyone with an interest or ideas should contact Dawn Siegel.

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.