

## Highlights of the GIS Steering Committee Meeting April 30, 2004 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 [gishelp@co.oakland.mi.us](mailto:gishelp@co.oakland.mi.us).*

### Miscellaneous GIS Initiatives

The Broadband Service Coverage IMS application was **demonstrated**. This service was developed in support of the LinkMichigan initiative. It allows the user to determine the type of broadband (DSL, cable modem, wireless, and satellite) service available in a given area, and contains links to the Web sites of vendors who provide broadband service in the County. This site is available at <http://www.co.oakland.mi.us/ims/linkmi/>.

The Vertices tool was **demonstrated**. This tool toggles the vertices on and off of a line feature class in ArcMap.

An attribute editing tool was **demonstrated**. This tool was developed for the Planning & Economic Development Department to help with the complex attribution needed for the Best Management Practices (BMP) project.

The Data Distribution tool has been modified to allow users to choose either the MunicipalDistrict or MunicipalTaxDistrict feature class to define the area they want to extract.

The CVT Label Creator ArcIMS service allows a CVT to create mailing labels of selected parcels. Recent updates include the addition of the 5260 and 5660 Avery labels. Future enhancements include adding the ability to search by school district and use code and changing the address search. This service is currently available at <http://www.co.oakland.mi.us/ims/labels/>.

There are currently 11 communities directly connected to the Oakland County SDE server. If you are a representative from a local CVT and are interested in obtaining a direct connection, contact your User Support Specialist for information.

Two classes are being offered by the GIS Utility. The full-day **Basics of GIS** is being offered every other month and is a prerequisite for the existing half-day **Fundamentals of GIS** class, which is being offered on the alternate months. These classes are open to County and CVT employees. View the schedule at [www.co.oakland.mi.us/gis/calendar/](http://www.co.oakland.mi.us/gis/calendar/).

Two new employees were introduced. Emily Apsey ([apseye@co.oakland.mi.us](mailto:apseye@co.oakland.mi.us)) is a new addition to the GIS Utility, and will be the User Support person for the Drain Commissioner's Office and for the Oakland County International Airport. Steven Erickson ([ericksons@co.oakland.mi.us](mailto:ericksons@co.oakland.mi.us)) is a new addition to the Drain Commissioner's Office and will be working on various GIS projects.

### County Department GIS Initiatives

The Planning and Economic Development Department has developed a new feature class for Conservation Easements that will be published shortly in SDE. A Composite Master Plan feature class was recently published in SDE. They are also working on a new folding map of Oakland County trails (*Oak Routes*).

The One Stop Shop is working with the Road Commission of Oakland County (RCOC) to produce a 2005 road atlas. They are also considering the acquisition of Business Analyst so they can perform marketing analysis. Contact the One Stop Shop at 248.858.0720 or [onestopshop@co.oakland.mi.us](mailto:onestopshop@co.oakland.mi.us) for more information.

CVTs currently receive warehouse data on a quarterly basis via CD. In the future, users will be able to connect to Business Objects via the Web and download the warehouse data on a monthly, or possibly weekly, basis. This process will be tested shortly with selected CVTs.

The helicopter application was **demonstrated**. This application is used by the Oakland County Sheriff's Department during flight to identify schools, parks, parcels, roads, etc. The hardware in the Emergency Operations Center (EOC) is being upgraded to include 30 laptops and a wireless network.

The Michigan Homeland Security Geospatial Advisory Committee is comprised of 13 people from Michigan. They are working to establish a policy for homeland security, and should have a report completed by September.

The Oakland County Drain Commissioner's Office (OCDC) has completed the project that used submeter GPS to collect hydrant locations in water systems they operate and maintain. They are in contract negotiations to map the sanitary sewer system, and the geodatabase model for sanitary sewer will be updated during this project as well.

The Oakland County International Airport is currently working with the GIS Utility to develop an ArcIMS application that will be useful for noise abatement work and possibly for the Ryder Cup.

The Register of Deeds office has been working with the GIS Utility to develop an ArcIMS application for surveyors that would allow them to obtain the latest information from the remonumentation program. This will be a secured, subscription-base site.

The Digital Flood Insurance Rate Map (DFIRM) project is progressing. Oakland County will complete the floodplain redelineation for one geographic township (Troy). The GIS Web site contains updates on the status of the entire redelineation project under Info & Publication, Project Documents section: [http://www.co.oakland.mi.us/gis/info\\_pub/projectdocuments.html](http://www.co.oakland.mi.us/gis/info_pub/projectdocuments.html).

A survey will be distributed shortly to CVTs to obtain their feedback on the Oakland County GIS data they use. Responses to this survey will help shape the GIS Utility's future distribution plans, so please take the time to fill out the survey. It will be mailed within the next month, and the results will be presented at the next Steering Committee meeting.

The concept of a CVT IMS Web portal is being discussed. The GIS Utility has completed a prototype of a site that would point to existing CVT IMS sites. CVTs without their own IMS sites would have the option of publishing their local data on the GIS Utility SDE server and having the GIS Utility publish an IMS site for them, using standard Oakland County templates and functionality.

## **GIS Data**

The GIS Utility plans to phase out the quarterly distribution of data on CD. Locals will continue to obtain the data by connecting directly to the Oakland County SDE server, extracting the data using data extraction tools, or viewing the data in a custom ArcIMS application.

The Land Management geodatabase model is being validated by meeting with data editors. The next steps will be to complete the validation, complete and validate workflows and editing tool development, and begin the full data conversion.

A new feature class, MunicipalTaxDistrict, has been added to the AdministrativeAreas dataset in SDE. This feature class contains the taxing authority boundaries in the County and uses the CVTCode to uniquely identify each CVT. In comparison, the MunicipalDistrict feature class contains the legal boundaries of the CVT and now uses the LocalFIPS attribute instead of the CVTCode to uniquely identify each CVT.

The conversion of the Hydrography data model is essentially complete and has been published in SDE. There are 4 new feature classes (Waterway, Waterbody, WaterwayJunction, Watershed) and a geometric network (WaterwayNetwork) in the NaturalAreas dataset. The old feature classes (HydrographyLine, HydrographyPolygon, HydrographyPoint) will be removed from SDE in 2 weeks.

A new feature class has been added to the Facilities dataset in SDE, PlaceOfWorship. In addition, the libraries and post offices have been added to the Government feature class.