

Meeting Description: February Monthly GIS Users Group Meeting

Date: April 5, 2007 **Time:** 10:00 AM

Location: Michigan Center for Geographic Information, George W. Romney Building, 10th Floor, Large Conference Room

Attendees:

Brandon Bartoszek, West Michigan Regional Planning Commission (WMRPC)

Dave Rigney, NOAA/NGS

Eric Nischan, MSP

Everett Root, CGI

Jacquilin Porter, The Traverse Group

Joyce Newell, MDOT

Ken Bouchard, EMU/IGRE

Margaret Ray, Wayne County

Mike Dueweke, EMU/IGRE

Sam Quon, City of Lansing

Shannon Dara, CGI

Sherman Hollander, MDNR

Soumendu Munshi, Wayne County

Steve Aichele, USGS

Steve Stepek, KATS

Conference Update

Imagine – May

MiCAMP – September 12-14

TAMC – May 11, Lansing

Framework Update

Everett Root, CGI

1. Delivery procedures continue.

2. Continue to run through the QC process and are on schedule, lock down has occurred.
3. CGI continues to solicit for version 8 partnerships for counties, city's and regions.
 - a. Please contact Laura Blastic at 517-373-7910 if interested in partnering.
4. CGI continues to work with Michigan Tech University on Road Soft product along with support from MDOT.
 - a. CGI is working on compatibility with ECW and also on WMS compliancy.
 - b. The compatibility with ECW will help to eliminate imagery storage issues.

Digital Ortho Update

Everett Root, CGI

1. CGI continues to solicit partnerships with counties who have flown or plan to fly in 07, 08, or 09.
2. The RFP for the Imagery Portal software is on hold for now.
3. CGI does have a prototype proof of concept of the Imagery Portal.

DNR Update

Sherman Hollander, DNR

1. Sherman brought up the question of: Has any thought been given to putting PDF copies of framework on the web? Everett Root of CGI stated that there are PDF base maps on the website with base layers at:
http://www.michigan.gov/cgi/0,1607,7-158-12540_13084---,00.html.

MDOT Update

Joyce Newell, MDOT

2. Joyce saw a proposal for a five state Rail GIS Model that would handle environmental assessments for passenger rail. The proposal will likely be on hold for a little while if Michigan funds are required.
3. MDOT has requested and has possible approval for ESRI Modules to help with the 3D aspects for surveying. MDOT is hoping to achieve floating licenses.
4. Just came back from the HPMS workshop.
 - a. HPMS is going to a GIS based model. It will replace the National Highway Planning Network (NHPN) with native State GIS files. It will be modeled after the Canadian National Road Network.
 - b. Using virtual links with state boundaries.
 - c. Will use "Road" and "Road Element" concept (similar to Control Section (CS) vs. Physical Road (PR) where "Road" will include both sides of divided, plus ramps, turnarounds, service drives, etc (like CS's), and "Road Elements" are each individual, linear piece (PR's).
 - d. The new HPMS data model will likely be made up of several data tables instead of the current one table design.
 - e. FHWA can then reassess separate tables when needed rather than the whole HPMS database for future redesigns.

MSP Update

Eric Nischan, MSP

1. Eric mentioned that DEQ, Tier II Manager Section 302 EHS substance sites reporting would be wrapping up soon.
2. MSP is looking at the National Governors Association meeting in Traverse City coming in July.
 - a. MSP is proving the geospatial and cleaning up and adding to the base data.
 - b. Working with ESRI to work real time into the system.

3. There is a division re-organization currently going on and MSP is looking to expand the role of GIS in the department.

CGI Update

Everett Root, CGI

1. CGI will release a new Internet application in the next week or so. It will be called the Michigan Surface Water Information Management System (MiSWIMS).
 - a. MiSWIMS will contain a variety of tables and databases maintained by DNR and DEQ that will be mappable.
 - b. MiSWIMS will include roads, boundaries, and data that are linked to NHD features. It will feature 24k and 100k NHD.
 - c. MiSWIMS has many locations and data types that are linked within the application.
 - d. MiSWIMS has taken a little longer to release due to the amount of data that is involved and available.
 - e. CGI will have the URL available for next month's minutes.
2. NHD has scheduled a training session for CGI staff for NHD editing tools this May.
 - a. Changes will come from DNR Staff, Federal Forest Staff, and Fisheries Research.
 - b. CGI will also look at repositioning Hydro areas of Northern Michigan as a test area to see what it would take to do the whole state.
 - c. CGI will act as data steward for NHD.
 - i. Changes from the Agencies will come through CGI.
 - d. Will potentially talk with Drain Commissions.
 - e. There is space for additional outside sources.
3. CGI is working on the Cities of Promise.
 - a. Consists of Blight elimination to remove abandoned structures.
 - b. CGI will map all of the potential properties.

- c. CGI has received digital parcels from most of the cities, which will help link to the parcel ID that will make the project run smoother and produce a nicer map.

County/Local Update

Sam Quon, City of Lansing

1. City of Lansing is looking to implement ARC server. We are in the initial stages of the design process.
2. City of Lansing is updating our parcels for this year.
3. Finally able to renew a contract for GIS Tech, who is working on computer aided dispatch migration for the 911 centers.
 - a. Hoping to have all of Ingham County completed by end of May.
4. Meridian Township contacted the City of Lansing regarding the data to provide it for the Ingham County 911 project that they are working on.
5. East Lansing will house the hardware and the data.
6. City of Lansing received parcel data from Ingham County and Meridian Township and they have been correcting the ranges.

Soumendu Munshi, Wayne County

1. Working on the Road Infrastructure Management System (RIMS) project.
 - a. GIS Application
2. Looking for MGF Framework information, how to upgrade it and what is in store for the future.
3. CGI would like to meet with Wayne County to continue with discussion of partnering.

Jackie Porter, City of Detroit

1. Refining the pavement survey.
 - a. Recalculating the roughness of the pavement and expect to be done by April.

Mike Dueweke, EMU

1. The City of Detroit asked EMU to develop a data set that can be edited, updated, for real time web application.
 - a. Can see changes in real time.
 - b. We currently have a prototype web site.
 - c. Everett will forward on this information to the City's of Promise Project Manager.

Regional Update

Steve Stepek, KATS

1. Currently wrapping up long-range plan today.
2. Helping to edit framework.

Brandon Bartosek, WMRPC

1. Meeting next Tuesday to finalize the Non-Motorized Trails map.
2. Mostly paper maps, but Southwestern Michigan has pdf's online.

Federal Update

Dave Rigney, NOAA/NGS

1. Finished pilot height modernization in the Metro Region, which includes Oakland, Macomb, Wayne and St. Clare Counties.
 - a. Would like to expand to Monroe, Washtenaw, Livingston and Genesee County.
 - b. Barry county has had a leveling project going on for two years and is hoping to finish this year.
2. NGS has had readjustment of the coordinates on February 10th.
 - a. Should see changes in lat/long by mid summer.

Steve Aichele, USGS

1. Received 3 CAP grants.
 - a. One for WUP planning and development region.
 - b. One for MSU/RSGIS for metadata use training.

- c. One to Great Lakes Commission for environmental viewer for the Great Lakes observing system.
2. USGS has a new Director overseeing their funding.
 - a. The budget will be split between Hydro, Elevation and Ortho.
3. The Core of Engineers released some plans on Coastal Lidar called CHARTS.
 - a. This would help define where the high water mark is and where a parcel begins and ends.
 - b. If there is interest in providing information to the National Coasting Mapping Project, you should contact JLB Tech Center of Excellence or Steve Aichele at USGS

Next Meeting

June 7th at 10:00 AM-12:00 PM, Michigan Center for Geographic Information,
George W. Romney Building, 111 S. Capital Ave., 10th Floor, Lansing, MI 48933