

**Meeting Description:** Michigan Geographic Framework Users Meeting

**Date:** April 6<sup>th</sup>, 2006

**Time:** 10:00 AM

**Location:** Michigan Center for Geographic Information, George W. Romney Building, 10<sup>th</sup> Floor, Large Conference Room

1. Approval of Meeting Minutes
2. Geographic Framework Program
  - a. Framework Activity Update
  - b. Digital Ortho Update
  - c. National Hydrography Dataset (NHD) Update
  - d. Conferences Update

Rob Surber, Center for Geographic Information (CGI) – There will be a brownbag lunch after the meeting today in which we will demonstrate a couple of new programs. One is from the USGS. And we have a Department of Natural Resources (DNR) fire application that's Internet based. So if you're interested you can stay. We will have a little gap in the meeting so it'll give you a chance to skip out if you're not interested.

### **Approval of Meeting Minutes**

Rob, CGI – You should have received some minutes. They were from February. Are there any comments on February minutes as sent out to the group? Please, if you haven't have a chance to look at in the next couple of weeks, we'd like to get them out before the next meeting, so please let us know if you have any suggested changes before we put them on the website.

### **Conference Updates**

1. IMAGIN Conference: Beginning of May. In Traverse City this year.

2. State Transportation Asset Management Commission (TAMC) conference: May 10<sup>th</sup> at the Kellogg Center. Costs of conference covered by the TAMC for Road Commissions
3. MiCAMP Conference: Second week of September
4. Emergency Management Fund: Concurrent with IMAGIN in Grand Rapids

## **Update on Framework**

Rob, CGI

1. Lockdown for Framework in effect for next release in May-June timeframe
  - a. Several applications are waiting for new version
  - b. Will give rundown in May meeting
2. Currently doing bridge cleanup
  - a. Using info from Kevin McKnight of Department of Transportation (MDOT)
  - b. Correcting Structure ID numbers, location correction, etc.
3. Populating zip codes in changed areas
4. Island layer cleanup
  - a. Cleanup on names, adding missing islands
5. Hydro layer cleanup
  - a. Feature name cleanup and closing additional polygons
6. Requests from departments to have additional address cleanup in various locations.

## **NHD**

Everett Root, CGI

1. New Status Map on the website
  - a. The six (6) Southeastern Michigan watersheds are nearly complete.
    - i. Funded through the two (2) United States Geological Survey (USGS) grants that we received last year.

- ii. There's been enough money to continue the process.
- b. Six (6) more watersheds were identified as in the planning stages.
  - i. The USGS funding is going to help us complete at least one more and do significant work on two others
  - ii. DNR has decided to commit funding to complete those planned watersheds based on a requests from the Institute for Fisheries Research, a group in Ann Arbor
  - iii. Goal is to complete them by the end of the fiscal year.
  - iv. Three staff dedicated to the project now, possibly adding a fourth.
  - v. Planned Watersheds: Upper and Lower Grand, Thornapple, Maple, Cass, Tittabawassee.
- 2. Continue looking for funding from other areas
  - a. Much better idea on cost based on work already done
- 3. Official NHD on USGS website

## **DNR**

Sherman Hollinder, DNR

- 1. Developing a web based visitor comment card system for parks
  - a. Currently collects visitor info, such as geography, demographic info, # in party
  - b. Rating different facilities at park.
  - c. Can be expanded to all of DNR's systems
  - d. Replace current handwritten system in 10 years
- 2. Expansion of the web based Lake Information system.
  - a. Mr. Biz model currently provides information on lakes w/public access sites
  - b. New system would include similar information on other lakes and rivers and streams
- 3. Web based information system for natural rivers program.

- a. 10 year program to develop an interactive GIS used by the public and the government
  - b. Include layers pertinent to program, like construction, regulations, vegetation management, ownership, environmental info, etc.
4. Will submit a new list of projects for fiscal year

## **Ortho Imagery**

1. Rob Surber, CGI
  - a. A program to partner with local digital ortho programs has been set up.
  - b. We have 29 contacts at various levels of participation.
  - c. A full list of contacts is on our website: <http://www.michigan.gov/cgi>
2. Ann Burns, Southeast Michigan Council of Government (SEMCOG)
  - a. Counties are receiving 6 inch right now for Quality Control (QC).
    - i. St. Clair has completed QC and has sent back requests for changes.
    - ii. In QC phase right now.
3. Dan Dillinger, Tri-County Regional Planning Commission (TCRPC)
  - a. Eaton county completed QC
  - b. Final stages of Ingham
  - c. Clinton close as well
4. Bill Enslin, MSU
  - a. Still issues with color-infrared band to band registration, and believe vendor will provide true color and IR. Still on schedule for end of year. Some CIR MRSID compressed mosaics available now through USDA Geospatial Data Gateway ([datagateway.nrcs.usda.gov](http://datagateway.nrcs.usda.gov))

## **MDOT**

Joyce Newell, MDOT

1. Concern about digitizing (something) that are different from previous orthos and which are more accurate. Possibly ground truth the ortho's
2. Identify which images line up better with framework.

3. If we know of areas where photography differs that are pertinent to upgrade framework, we should send someone out to do groundwork.
4. Gil Chesbro asked a senior GIS staff member to do a report on GPS Accuracy
  - a. Impressed with the report. We thought we knew more than we did with regards to accuracy.
  - b. Used local area to measure accuracy standards.
  - c. Several different units used.
  - d. Did well until 1-2 foot detail
5. Work has continued on updating PR Finder web version (PR2)
  - a. Want to make it a version 6 when it comes out
6. Spending time on Highway Performance Monitoring System (HPMS), where we report highway and traffic and condition through FHWA and it's reflected back in funding.
  - a. FHWA is doing a reassessment of HPMS to find out if they're getting the data they need and want.
  - b. SEMCOG was selected to be on the review committee but MDOT was not.
  - c. MDOT does all collection for the State Trunkline.
    - i. Don't check as much as we should, such as when something is rebuilt.
    - ii. Do check for new segments
  - d. We check condition information.
  - e. We rely on the regional agencies and Metropolitan Organizations (MPOs) to check all other data, including traffic.
7. Count program
  - a. Creating GIS layer for count segments, which is where traffic is expected to be a problem.
  - b. Need to update this for HPMS.
    - i. Part of formula is Vehicle Miles Traveled (VMT), which means more miles vs. other states = more funding
  - c. Data is in for most MPOs now.

- d. Most segment files completed
  - i. Kent and SEMCOG counties incomplete
- e. How to Initiate
  - i. Funding Question
    - 1. Send us a proposal
    - 2. Will review and check against other prices for best deal.

Unknown – The city of Lansing is creating a street centerline file based on the Framework. We're readjusting it so that it fits on our orthophotography, which is tri-county. And we're also making sure the ranges are correct. Would that be a benefit if we shared that with you?

Rob, CGI – Yeah, I think so, especially since you're using Framework. Talk to us afterwards for a process. That's what we've been doing with a lot of counties, so obviously it's a lot easier if you're starting with Framework. But even with counties that haven't, we've gone through and set some thresholds. We can't keep jiggling the lines around because it changes a lot.

### **Department of Environmental Quality (DEQ)**

David Slayton, DEQ

1. We are working on a logon script to roll out map image viewer to all of the DEQ desktops.
  - a. Works only on some computers
    - i. Seems to depend on the OS that is on the specific computer
2. A few more changes have been made to the storage tank database application
  - a. Very close, though not yet complete.
3. The main thing we've been spending time on is our budget.
  - a. The tighter budget makes it more difficult to work with CGI and DIT
  - b. We've been prioritizing projects to decide which need funding first.

## **Department of Community Health (DCH)**

Bob Scott, DCH

1. Setting up a GIS user group
  - a. First meeting is Wednesday morning and CGI is invited to attend.
  - b. Would act as a kind of support group.

## **Michigan State Industries (MSI)**

Charles Bender, MSI – The salesman for MSI was approached by City of Flushing to get some support to do their drainage, and get it digitized so they can produce maps and get a place on a server and their townspeople can come in and get plats drawn on for a fee at any time. However, he doesn't know much about GIS, so he asked me to go up with him and answer their questions. I'm sure it's going to be similar to the Carter-Bowers pilot that we did for MDOT for the drainage.

Joyce, MDOT – You mentioned last month that your scanner could scan and then create a GIS file from it. Would you be open to doing a test of some of the right of way maps and then demonstrating that to our real estate people and seeing if they have an interest? Cause if you could do that we would set up a meeting for you and see if they are.

Charles, MSI – Okay, sure. When would you like to get together?

Joyce, MDOT – Let us know when you have a sample product and we'll set up a meeting.

Charles, MSI – Do you want us through some of the images that we've already got?

Joyce, MDOT – Yeah, that'd be fine.

## **CGI**

Rob, CGI

1. Currently in the process of promoting the TAMC Internet investment application.
  - a. Will be used by all 617 road agencies to identify where improvements are going in.
  - b. Tagging these updates to the framework and this allows it to report out.
  - c. An online registration has been set up
  - d. Roughly one third of the way through the training.
  - e. June 1<sup>st</sup> is the deadline to get all of the 2005 road projects into the application.
  - f. Secondary method through use of RoadSoft to send us this information.
    - i. Exports similar data to us.
  - g. Information is being tied in with funding, giving a better picture of how the funding is being used
  - h. The training schedule is online, so talk to your regional planning or us.
  - i. MDOT has an account and is using the application
2. There is a GIS summit for State agencies on May 2<sup>nd</sup>.
  - a. There will be representatives from all parts of State government.
  - b. Former Governor Gerring will be the keynote speaker. Teri Takai will also be speaking.

## **County Updates**

Dan List, Allegan County

1. We are actively soliciting for a county planner position.
  - a. Currently accepting applications. The position is open until filled.
2. Continually working on our centerline updates.
  - a. We are rolling out our data semi-live to our local units and they are using Accuglobe to view it
  - b. Each week, more local units are interested in receiving this information

Trevor Floyd, St. Clair

1. Looking to create a dual purpose tool to take care of field assessing and building inspection as well as being able to be used for emergency management to minimize training.
2. There is a survey of all of the current GIS Professionals (GISP) of what the main focuses should be for the field and the profession will be looking for State level endorsement or that kind of umbrella that would be able to assist with giving the field some kind of teeth when it comes into the professional world.

Rose Anger, Barry County

1. There is a new requirement that parole officers cannot let sex offenders live within 1000 feet of a school, park, daycare centers, or other places where children congregate.
  - a. Collecting “other places that children congregate” was the difficult part because it is very loosely defined
  - b. Question of liability if a sex offender does live within the 1000 feet.
  - c. Any offender living within the 1000 feet before April 1<sup>st</sup> is grandfathered in and doesn’t have to move.

Lonnie Finch, Ionia County

1. We are currently aligning our parcel lines with new orthos.
  - a. It’s almost complete, just doing the final touches.
2. Road commission is collecting driveway points.
  - a. Hoping we can use those to collect addresses and geocode against those.

Scott Ambs, Jackson County

1. The County is taking over addressing from the utility.
  - a. An ordinance will allow locals to address
  - b. We’re setting up a structure for review of the address and street name changes and an appeal process.
  - c. Also in the process of creating an address point file over the summer.

- i. We're working with MSU and coming up with a proposal to have their students do this.

## **City Updates**

Sam Quon, City of Lansing

1. Our 911 centers is updating their street center line file for their Street CAD system.
  - a. City of Lansing will be done in May and then we can do the rest of Ingham co.
2. We've been partnering on the digital orthos with TCRPC. That's finishing up right now.
3. Because of budget cuts, parcel mapping is going to the County.
  - a. Who will maintain the Eaton county portions of the city hasn't been established.

## **Regional Update**

Ann Burns, SEMCOG

1. We have been working with Arc SDE and Oracle and trying to learn how to edit a versioned geo database.
2. Collecting a lot of different types of data, working with our transportation department and our environmental department to find environmentally sensitive areas for the Federal safety requirements for our transportation plan.

Richard Garcia, Great Lakes Commission

1. In final production for the update of the Michigan statewide Inland Sensitivity Atlas.
  - a. Hoping to get that published this summer.
  - b. Funded by the Environmental Protection Agency (EPA)
  - c. More information at [www.glc.org/spills](http://www.glc.org/spills)

**Next Meeting**

May 4<sup>th</sup>, 2006 10:00 AM till 12:00 PM, Michigan Center for Geographic Information,  
George W. Romney Building, 111 South Capitol Ave, 10<sup>th</sup> Floor, Lansing, MI 48933