

Meeting Description: May Monthly GIS Users Group Meeting

Date: May 7, 2009 **Time:** 10:00AM

Location: Michigan center for Shared Solutions, George W. Romney Building, 10th Floor, Large Conference Room

Attendees:

Laura Blastic – CSS TP

Renee Bush – Consumers Energy

Jan Stypula – Consumers Energy

Ken Schapmon – USDA FSA

Robert Goodwin – MSU RS &GIS

Matt Schutte – MSU RS &GIS

Steve Stepek – KATS

Steve Aichele – USGS

Sherman Hollander – MDNR

Joyce Newell - MDOT

Joining by Teleconference

Rose Anger – Barry County

Steve Perry – SEMCOG

Valdis Kalnins – Allegan County

Framework Update

Laura Blastic, CSS TP

1. We have officially released version 9 of the Michigan Geographic Framework.
 - a. It was delivered to the Department of Transportation on May 1.
 - b. We are currently in the process of creating files to send to everybody else,
 - i. Should be ready in the next few weeks to a month.
 - ii. Shapefiles should be loaded onto the Geographic Data Library by the beginning to middle of June.
 - iii. Please feel free to contact Laura if you need any additional files.

2. Shapefile Work Highlights

- a. Finished boating access site roads for DNR.
- b. We also put the authorized vehicle only turnarounds on the limited access roads, however, we did not put in unauthorized crossovers (e.g. state trooper parked under a bridge).
 - i. Hoping this will help transportation with plow truck and emergency vehicle routing on all limited access roads.
- c. Also worked Kalamazoo County to update address ranges, some 5,000 updates.
- d. We worked with a centerline we received from Jackson Kent , Oakland, Washtenaw Counties to update the transportation network and address ranges.

3. Other Projects

- a) Began editing version 10 on Monday (May 4).
 - i) If you have any changes you would like to see with version 10 please feel free to send any comments or suggestions.
 - ii) Working on directional turnarounds or “Michigan Lefts” on boulevards to ensure better routing as well as asset management changes .
 - b) At this point we have not received any new requests for partnerships. If anyone is looking to start a new partnership, now would probably be a good time for that. Please contact Laura to begin new partnership discussions.
- 2) Version 10 is the last version to be released from our old system.
 - 3) Moved up release date to March 1 (instead of May 1).
 - 4) Version 11 will be edit on our Oracle Spatial Environment.
 - a) March 1 will be the new date for all future deliveries.
 - i) Once we get into the new system we will see if we can move the date up further.
 - 5) Trying to put together a statewide paved/unpaved layer.
 - a) Will utilize the data we received through the Traffic Asset Management Council for national functional class roads as well as some local data.

- b) If anyone has similar data in their GIS department and is willing to share, we are going to provide this information to both the Traffic Asset Management Council and MDOT for FHWA reporting and road quality analysis.
 - c) For areas where we do not have the information, we will utilize aerial imagery, maps from road commissions.
 - i) Details such as road pavement type (asphalt, etc.) will not be possible to obtain through this method.
- 6) *Valdis: In terms of the paved/unpaved attributes, have you considered or do you have a strategy for dealing with paved/unpaved breaks that don't coincide with Framework breaks?*
- a) *Laura Blastic: Yes, we are going to build this on a separate shapefile, not on the framework itself, but build events to mark those paved/unpaved...so keep the PR mile point.*

4. Imagery

- a. Announcement (Laura Blastic): Everett has prepared a digital Ortho imagery update. Please direct detailed questions to Everett.
- b. CSS TP is reviewing the partnership program and if funds are available, then we are looking to extend the partnership program for another year. We are going to try to fit in as many flights as possible with the funds that are available.
 - i) Please contact Everett if you have 2010 flight and are looking for a partner.
 - ii) The 2010 NAIP is currently being flown and it looks like at this time, the State does not have to chip in any money for that flight. However if we want the IR band to be collected the current estimate is \$250,000.
 - (1) If there are other state agencies that want to participate in this to collect the IR band, please contact Everett.
 - iii) CSS will look to see how it can contribute funds as well.
- c. Without funding we will still have 3 band statewide (1 meter). However, if we can come up with \$250,000 we will have 4 band (1 meter) statewide.

d. If someone is interested in joining in on the 2010 flight, now is the time to bring the partnership together, before the calendar year ends.

iv) Letters of intent should also be received by the end of the fiscal year.

Conference Update

1) IMAGIN

a) Went well.

b) Same number of people as last year.

c) Different format: more discussion sections, orientations.

d) Looking to get some coordination local, county, state agencies to share information.

i) Looking at ways to come together. Operating under the mantra, "Do it once, serve many".

ii) CSSTP Grant Activities: 5 listening sessions planned throughout the state for the summer.

(1) looking at ways to increase participation (i.e. from counties and road and county commissioners, private sector, utilities).

(2) No exact dates yet or locations selected.

(a) Possible locations: Kalamazoo area, UP, SEMCOG, Northern Lower Michigan, Lansing, Bay area.

(b) State will post a RFP to find someone (unbiased representative) to mediate discussions.

(c) A session at MiCamp would be a good halfway point to discuss what is coming out of these sessions.

(i) Why should we look outside or borders, why use GIS, why do we have a need to know where "stuff" is?.

2) Homeland Security Conference

a) Went well.

b) Connecting the dots, getting the word out at what we do.

c) Less attended than last year.

3) NSGIC Conference, Cleveland October 4-9 (Sunday-Thursday).

- a) Feds, DODs, State GIS counsels.
- 4) MiCamp, September 16-18 at Boyne Mountain.
 - a) Currently finalizing program details.
 - b) Invoices will go out end of May, early June.
- 5) MTPA and Michigan Association of Regents Conference.
 - a) In Kalamazoo, July 14-17.
 - b) Looking at freight planning, dark skies, walkability, non motorized transportation.
 - c) If interested please contact to Steve Stepek for more details.
- 6) Asset Management Council Conference – Kellogg Center – May 19th.

DNR Update

Sherman Hollander

- 1) Mapping of parcel boundaries for voter access sites.
- 2) Working on other units, parks, game areas, forest areas.
- 3) Parks IMA going through testing and finalization should be completed soon and going out soon.
- 4) MDOT working with DNR to digitize forest roads and skid roads
 - a) Issues with open and closed roads.

MDOT Update

Joyce Newell

- 1) Currently looking at version 9.
- 2) Full speed ahead on lane mile inventory for state trunklines (getting all the turn lanes and extra little pieces of lanes that are not necessarily through lanes which will help with distributing money to our regions and TSC for maintenance and capital improvement projects.
 - a) SEMCOG finished according to aerial photographic imagery. There are of course some roadways which were under construction at the time and you can't really make a good guess from the photos which had to inspected by visiting the sites.

- b) 32-33 counties which covers most of southern Michigan imagery good enough for this process, which is cool because that is the area that would be hardest to drive safely.
 - c) We plan on the second week in June for a team is going up to the UP and check the lane miles there. A similar team did their work in Shiawassee in about a day, which went very well.
 - d) Should be done by end of the summer and quality control checked in November
1. New version of PR finder will be up Tuesday and will allow access to Guardrail. We have been working with Guardrail on SDE, so our pilot in SE Michigan which allow workers in the field to update. We have received interest from other areas of the state interested in the program as well.
 - a. In SE Michigan should be able to access from the field.
 - b. Well received by customers.
 - c. Represents substantial cost savings.
 - i. Could be persuasive for expansion of aerial imagery programs.

CGI Update

Laura Blastic

- 1) Working mostly with stimulus projects.
- 2) Broadband initiative to go give broadband access statewide.
- 3) Also working on IT health care.
- 4) CSS is now CCS TP (Center for Shared Solutions and Technology Partnerships).
 - a) George Boersma is the head of the Office of Technology Partnerships.

Local Updates

MSU/RSGIS

- 1) Upcoming Training Session: Introduction to Arc GIS June 9,10,11.
- 2) Finishing up DEQ critical dune areas project.
 - a) Extensive land use/land cover update for all critical dune areas.
 - b) Should be sent out his week.
- 3) *Small Projects*
 - a) On-line training materials being put together.

- b) Cemetery mapping.
 - i) Mapping cemetery plots.
 - ii) Capture locations, headstone information.
- c) Lake Shift delineation.
 - i) Could be done much easier with a better LDR set.
- d) Various image processing, working on Detroit data set for State of Michigan.
 - i) Working through some challenges.
 - ii) Release date unknown, issues with datum trying to be resolved.
- e) Wrap-up redistricting work for CSS.
- f) Also working on e-Health project.

Allegan Update

Valdis Kalnins

1. Among the many projects we are currently working on, we are working with emergency management to create layers for Tier 2 hazardous chemical storage facilities waste.
2. Working with emergency management on how to deal with special needs population.
3. Working with senior services department to link data on the services provided to GIS, and to keep track of which municipalities and jurisdictions funds are going to, and how many clients are being served in the different areas.
4. Working with health department to try and map out county births and where the population is growing.
5. Updating 911 GIS layers.
6. Working with Transportation Department on transportation planning for the county, mapping some of the census data, apartments, mobile home parks, parks department on natural resource inventory for their 5 year Master Plan update.
7. FEMA flood mapping project going well.
8. New imagery received April 9-11, currently being scanned, pilot area of the imagery to be coming in next month.

Barry County Update

Rose Anger

1. Working through the Plat Book (main project).
2. Watershed management for Thornapple River delayed due to funding constraints.

KATS Update

Steve Stepek

1. Last three months have been devoted to stimulus work.
 - o Working though some technical difficulties on an I-94 and West Nedge project which is scheduled to break ground in June with a ceremony attended by the Vice President.
 - o Working with Southwest Michigan Regional Planning Commission on their 9 county non-motorized mapping update.
 - Rose Anger with Barry County said she has some updates related to this project.

SEMCOG Update

Steve Perry

- 1) Ortho flight details finalized.
 - a) RFP went out last week for a 7 county flight (a partnership with Detroit Water and Sewer and USGS).
 - i) Proposals due back in June, and will be reviewed in July .
 - b) LRS migration tool released – free – updated to version 8. Found on FTP site in out going folder (then GIS folder, look for migration tool)
([ftp.semco.org/outgoing/gis/LRS_Migration_Tool_MGFv8.zip](ftp://ftp.semco.org/outgoing/gis/LRS_Migration_Tool_MGFv8.zip)).
 - c) Does backward and forward migrations.

USGS Update

Steve Aichele

- 1) Ortho for Genesee and Shiawassee acquired.
- 2) LiDAR acquired for Washtenaw – third week of April.

- 3) Imagery for border flight (NGA flight) that did the shoreline has been received for inspection and working its way through it, no date as to when it will be released.
- 4) Geospatial stimulus money to be coming out similar to the KAT grant process.
 - a) May be a local match required on the projects.
 - b) $\frac{3}{4}$ money for LiDAR projects, $\frac{1}{4}$ to Ortho projects (money distributed nationwide).
 - c) No website currently available.
 - d) Announcement to be sent out.

USDA Update

Ken Schapmon

1. No comments from USDA.

Consumers Energy Update

Renee Bush and Jan Stypula

- 1) Working on GIS. We have a land base and gas distribution maps and in process of putting gas transmission maps on.
- 2) Starting a new project of real estate and right-of-way map updates.
- 3) Only portions of electrical distribution and transmission on.
 - a) Electric is not entirely mapped, progress not foreseeable in near future.

Next Meeting

June 4, 2009 10am

CGI Large Conference Room

Conference call line available as well