

## **AIMS Coordinators Meeting Minutes**

February 17, 2005

Hosted by Johnson County AIMS

Johnson County Administration Building

### **Announcements**

The next Kansas City Arc Info Users Group (KCAIUG) meeting will be held March 8<sup>th</sup> 2005 at ESRI Kansas City.

Papers for the URISA Conference were due February 11<sup>th</sup> but it has been extended.

The next coordinators meeting is scheduled for March 17<sup>th</sup> 2005 at the City of Lenexa, 12350 W 87<sup>th</sup> Street Pkwy.

### **Plans for 2005: The Road Ahead for GIS within the AIMS Coordinator**

#### **Organizations**

Jim Bills for Johnson County Wastewater

- Will be converting their editing and maintenance from Coverages to a Personal Geodatabase, and then eventually to an SDE Geodatabase housed on the AIMS SDE server. Their goal is to complete migrate off of ArcINFO Workstation.
- Using handheld GPS units to correct some of the positions on older data for which they didn't have good information for when they were originally put into the GIS. Thus far they have been happy with the accuracy of the GPS equipment, although they have run into some problems and have had to go back to some areas, particularly where there is heavy tree cover.
- Initial investigation of Maplex was very positive; they have been able to do away with some of the leader line placement of the labels they are using with it.

Carol McCoy for the City of Olathe

- Permits Plus will be coming online in the next year, and they will be investigating how to interface it with their GIS.
- Cartegraph is still being used and they have been working on interfacing with that application for use in their GIS as well.
- Will probably be supporting the measures portion of the Balanced Score Card program.
- The parks inventory project will be further developed.
- Starting a GIS bent High School Internship program. It will probably be a 5 week program where 3 high school students will get some experience doing different GIS types of activities throughout the city.
- Also working on individual intranet sites for their departments. They have developed a template ArcIMS application that will allow for easy customization by GIS staff in the various departments.
- Migrating current shapefile maintenance to enterprise geodatabase. Currently modeling water and sewer data in enterprise geodatabase.

Fred Sherman for the City of Gardner

- Gardner is a growing city that does not yet have a “GIS Shop”, but they are trying to get started using GIS.
- Use myAIMS extensively in their daily processes within the city, and continue to push the use of this service.
- Currently in the process of assigning real world coordinates to utility infrastructure data (currently in AutoCAD) so that it can eventually be used within a GIS.
- Starting to crawl as far as developing a GIS; staff seems very knowledgeable about the power that GIS offers.
- Need to work on processes for updating a GIS system.

Tony Perkins for the City of Lenexa

- They have jumped into SDE.
- Trying to serve up their GIS information on the web to help reduce the amount of data duplication throughout the city.
- New Datasets they will be exploring:
  - Retaining Walls (Update)
  - Parking Lots (Update)
  - AVL layer for Public Works for Street Sweeper and Snow Plows
- The planning department is beginning to realize the power and benefits of a GIS.
- There is a push to move the address assignment responsibilities to the GIS department.
- They are interested in sharing their layers and information with the Coordinators Group.
- Interested at better currency of aerial photography, but stressed that the frequency probably will always be an issue with some folks that don't understand the process.
- For AVL Layer they are looking at ways to take XY coordinates from an Access Database, and automatically generate points from that information. They will probably be going with Location Technologies for their AVL systems which is a local company, and will be using a Radio based system for communications.

Kevin Skridulis for the Johnson County Appraisers Office

- Migrating from Coverages to enterprise Geodatabase; they do a lot of map production so getting a system worked out to produce their unique maps will be a challenge.
- Will be getting a new CAMA system (Client/Server, SQL Server) to replace the mainframe system that they are using currently; the new system will use the KUPN as it's unique identifier, so there may be some issues with this and interfacing with the GIS, because tax administration will continue to use the County's Property ID.
- The single land use code that is currently used will be replaced by “Land Based Classification Standard” (LBCS) which includes 5 different categories (fields) in the new system (which we will be seeing in 1996). The categories will be:
  - Activity

- Function
- Structure
- Site Development
- Owner
- The new CAMA system will allow for multiple land uses on a single parcel, so in the case of strip malls or apartment complexes, they may be able to use the building or the address point to assign a specific land use to a buildings or address point.
- More information about the LBCS model can be found at <http://www.planning.org/lbcs/>.

#### Doug Hemsath for the City of Shawnee

- In the next year they will be working on:
  - Stormwater Utility
  - Impervious Surface (nonresidential)
  - Pavement Management
  - Future Land Use Map
  - Circulation Plan Map
- Shawnee is using ArcPublisher to disseminate data/maps throughout the City.
- Currently hold a 2 hour training class every month for GIS users from the City.
  - There was some interest in the group to possibly hold training classes where other organizations could take advantage of the opportunities.

#### Travis Smith for the Johnson County Office of Records and Tax Administration

- There have been a lot of changes recently with the combining of the Clerks and Register of Deeds offices. One of the main advantages is access to the Deeds information.
- They are researching the feasibility of associating a Property ID with each incoming deed, at this point there are no plans to add Property IDs to already recorded documents.
- In conjunction with ITS, a RFP for the replacing OASIS was recently published.
- Migrating parcel maintenance from tiled coverages to a seamless countywide feature class (they anticipate the migration to take place in June of this year).
  - Once this conversion takes place a lot of the topology errors and other issues will be able to be cleaned up; they expect this process to not take too long after the conversion is complete.

#### Robert Meier for the City of Overland Park

- Anticipate getting into SDE late in the year. Once in SDE they want to develop some layers from their permit software (Tidemark).
- Improve the process of importing property data into Tidemark.
- Keep planimetrics updated (especially impervious surface).
- Improve the quality of their “development layer”.
- The Fire Department is now an actual city department, rather than being contracted out, so they will be pursuing more collaboration with them.
- Also looking at adding more data to the I/CAD dispatch system.

- They have developed a new application for the public to search crime information.
- They are currently working on their staff issues, and may pursue moving some of the departmental GIS staff into the central GIS department.
- They have cut the cord on 3.x and have moved almost everyone into the ArcGIS world.

## AIMS

- Strategic Planning (Jay Heermann)
  - Develop more eGov solutions
  - Look at possibly moving some of the other information searching applications being used in the county into some existing applications, to reduce redundancy and cost to the county.
  - Continue to maintain and develop accurate and precise data.
  - Work on collaboration and communication advancements
  - There are some regional things happening through MARC that AIMS will be keeping tabs on.
  - Increased focus on customer service.
- Collaborative Utility Exchange or CUE (Jerry Swingle)
  - CUE will be a central repository for Utility Data.
    - Served up through an internet viewer for authorized users.
  - Not a replacement for Dig Safe.
  - Hopefully more and more utility companies will participate as they are able to see what is being done.
- 2005 Orthophotography (Shannon Porter)
  - Pictometry – Ortho like product as well as Oblique photos. Pictometry unable to guarantee the level of accuracy and quality that we have become accustomed to, so AIMS will be purchasing traditional orthophotography for this year's update.
  - MARC is trying to get a regional aerial flight going, however there is no set date as of yet.
  - We will be renewing the contract with M.J. Harden for the 2005 photography (which will be for digital color orthophotography).
    - File Size may be an issue.
    - Turnaround time will be faster, because it will be captured with a digital camera.
- Enterprise Geodatabase Migration (Steve Yoder)
  - Working on migrating and editing property related data in an enterprise geodatabase. This will require some tool development and data manipulation.
- Enhance Services to Engineering Customers (Keith Shaw)
  - Looking at additional formats (e.g., DWG) and other data/services that will be improve our services to engineering firms.
- Overland Park – AIMS Collaboration (Jerry Swingle)
  - Diminish duplicate services
  - myAIMS application possibly to replace use of JCIN.

- myAIMS (Dan Steen)
  - Continue to promote.
  - Allows access to authorized users - 300+ users, 75+ entities, 3000+ logins
  - Enhance and build upon applications and data
  - Add more services, data and functionality
  - Increase training and education opportunities
  - Gather feedback on different applications based on surveys, and other means.
- Storm Water Support (Dan Steen)
  - Get out effective DFIRM data from 2002
  - Watershed studies
    - Loading data into a single database
    - Looking at putting in some changes based on the information for the New Flood Plain information from FEMA which should come out in 2007
    - Create an ordinance to protect streams from future development in Johnson County.
- Hardware/Software/Storage/Network Infrastructure (Jerry Swingle)
  - Acquiring more connections and bandwidth
  - Server consolidation
  - Investigation of virtual servers that would not be tied to hardware.
  - Looking at hotspots to protect data.
  - Acquire more storage

It was generally agreed that the content of the meeting was good and that a meeting with this type of focus should be held each year.