

## **AIMS Coordinators Meeting Minutes**

February 11, 2010

Host: AIMS

Location: Johnson County Admin Building

### **Announcements**

- The ESRI Developer's Summit will be March 22-25.
- MAGIC Conference will be held at the Westin Crown Center in Kansas City, MO April 18-22.

### **Presentations**

#### **Jim Bills – Johnson County Wastewater**

- Mobile Applications – JCW is using ArcReader in the field on laptops. They are pushing data through a publishing process to all laptops in an effort to reduce the need for hard copy maps.
- Exploring the use of Mobile Manager for GBA Master Series that will allow users to edit and modify a limited number of data sets.
- Currently conducting a project for locating assets for condition assessments. A PDF atlas is supplied to field crews to assist in locating the assets.
- Updating the customer information interface to include a mapping component. Also including possibilities for analysis and reporting.
- Business Risk exposure assessment – Assigning risk priority to pipes to help assess for possible failure.
- Converting IMS sites to ArcGIS Server
- Expressed interest in hearing about what others have done with AVL since they may be getting into it this year.

#### **Tony Perkins - Lenexa**

- Most of 2009 dealt with budget related issues in trying to maximize efficiency and essentially “doing more with less”.
- ArcIMS to ArcGIS Server migration – Lenexa is migrating almost all applications off the ArcIMS platform.
- For 2010 they are focusing on participation and collaboration with the County and other Cities on a comprehensive stormwater network and location of fiber locations.
  - This opened up a discussion on which cities had fiber and what kind of policies would need to be adopted in the sharing of fiber resources.
  - One possibility mentioned was getting the IT directors into a discussion with the GIS managers to decide on the first steps in creating a reliable fiber geodataset.
  - Shannon Porter gave a quick update on AIMS presentation to SMAC on the effort to create a county wide stormwater network.
- Another major focus is on creating server services that leverage the existing GIS data. The delivery and consumption of this data will hopefully lead to increased efficiency within the City departments.
- Implement new economic development tools to aide in the recent applications for CID's.
- A recent citizen survey revealed that many citizens now access data from their mobile smart phone's and PDA devices. An effort will be made explore possible applications that deliver services to citizens via mobile phone.

- Upgrade Accella to a new version that will interface with ArcServer and also has a mobile aspect.

### **Travis Smith – Johnson County Transit**

- Spent much of 2009 upgrading hardware.
- Went through a website redo and will continue to make enhancements like including the possibility of accepting web payments
- Completed an AVL project on all fixed routes. Transit will continue to analyze the data collected from the AVL system.
- Working on Strategic 5 year plan that includes aggressive expansion growth for routes and ridership.
- 2010 – Create live route maps in Google which provide route overlays. They implemented Transit routes for Google and are working towards delivering route information for mobile phones access.
- Working with Johnson County AIMS on a couple of collaborative ideas that include data migration to SQL and creating report driven services.

### **Jen Dady - Gardner**

- 2009 – Completed a dataset to support rental inventory and occupation which increased to ability to track when houses were leased or rented.
- Provided CIP data in GIS format to the County.
- Worked on converting existing Auto CAD Parks data to GIS system
- Helped with the Transportation Master Plan 2020 which helped with future projections.
- Attended ESRI Conference and implemented automation in Model Builder for several business processes.
- 2010 – Continue to extract GIS data and attributes from Public Works CAD data.
- Working with the digital submittal process for public improvements.
  - This led to a discussion on CAD drawings and their submittal to City departments. Most expressed continual frustrations with receiving multiple formats from engineering companies.

### **Tom Audley – Records and Tax Administration**

- 2010 – Tax roll replacement – Oasis to Manatron
  - First test in March
  - Final in Oct
  - Should eliminate a lot of duplicate data entry.
- E-recording –
  - So far about 300 transactions or 500 documents have completed.
  - About 30 companies representing about 40% of last years have signed up.
  - Will speed up the process, especially rejections and resubmittals.

### **Cliff Middleton – Johnson County Parks**

- Working on creating a National data model to encompass their parks, trails, and facilities.

### **Doug Hemsath - Shawnee**

- 2009 - Purchased ArcGIS Server and put out a few external services.
- Focused on finding "Island" databases within other City departments and attempted to integrate them into the GIS system.
- Continued to work on the stormwater network to include BMP's.
- 2010 – Integrate the new Floodplains in anticipation of a mass LOMA in which the parcel may be in the floodplain, but the house is out.
- The City in finishing up the development on an in house permitting system. With the rollout of the application, Doug anticipates having to integrate the permitting system with other GIS business processes.
- With the retirement of some higher level employees, there will be a need to focus on in house training of employees taking over new job roles.

### **Chris Welchans - Olathe**

- 2009 – Many GIS staff took in extended duties due to staff reduction and retirement
- ArcGIS Server implementation
- 2010 – Migrate all existing ArcIMS applications to ArcGIS Server.
- Olathe Comprehensive Land Use Plan will have a web component that will be provided by Olathe Staff instead of the consultant.
- Continued GIS support for other City departments like Fire and Parks.
- The Municipal Services department will continue efforts to convert CAD data to GIS and will be looking at updating their database designs.
- Public Works is in the process of creating processes to automate the pavement condition rating.

### **Mark Whelan – Johnson County ECC**

- 2009 – Creation of County Mapbooks
- Working with MARC on Next Generation 911. This will eliminate theoretical ranges and assign actual ranges to the MSAG.
- Provide EMS support to Miami County. Continue building the Miami County address point dataset and clean up the street centerline.

### **Kim Young - Fairway**

- 2009 – Implemented a meeting notice system for residents. An email message will be delivered to residents on road construction, power outage, city meetings etc.
- 2010 – Revamp the City website to display more dynamic updates. Create the ability to accept credit card payments.

### **Doug Johnson – Overland Park**

- Replace existing ArcIMS applications with ArcGIS Server
- Revamp the Crime Mapping site
- Create web application similar to the crime mapping site for code violations.
- Concentrate on expanding web applications to internal employees to increase work efficiency.
- Migrate the data collected from the AVL's on their snow plows to SQL Server 2008 to take advantage of SQL spatial data types.

- Collecting information on Home Owner's Association which includes mailing out letters to confirm spatial boundary.
- Internal training of employees so that they become less reliant on GIS staff to perform simple GIS functions.

### **David Peel – Johnson County Planning**

- 2009 – Introduced new floodplain maps and regulations. Used link to AIMS IMS to help answer citizen questions about their property.
- Zoning – Would like a link from the zoning resolution to the BOCC system.
- Airport plan
- Support for the City of Edgerton for planning comprehensive plan and building codes.
- Participating in a Transportation Advocacy group.
- Updates to the County Comprehensive land use plan.

### **Steve Voelker – WaterOne**

- 2009 – Implemented a Project Management Methodology plan that includes a project plan document. This aids in the latter stages of development and distribution of applications.
- Using ArcEngine to distribute applications to field crews.
- Migrating ArcIMS applications to ArcGIS Server
- Creating new editor tools that help with automation in the field.
- Training of crews for the GPS survey grade equipment.
- Redesigning the water distribution geodatabase model. The existing model has been in use for 10 -15 years. Examining the data models that ESRI produces.