

## **January 2012 AIMS Coordinators Meeting – Meeting Notes**

**Date:** January 12, 2012

**Hosted by:** AIMS

### **Agenda:**

#### **2012 Imagery Update – Jerry Swingle**

- 2012 Ortho and Oblique Imagery will be flown in late February or early March with delivery in late July. The imagery will be purchased from Pinnacle Geospatial Solutions and will include the immediate metro region along with Shawnee, Jefferson, Atchison and Buchanan Counties.
- Stormwater is also helping fund a new capture of LiDAR data that was flown in late December with delivery in late March. The new LiDAR, captured by MJ Harden, will be FEMA compliant and able to produce 2 foot contours.

#### **Tax Data Sets – Steve Yoder**

- Delinquent property taxes, sales tax rates and mill levies are now available in both tabular and feature class formats as well as viewable through AIMS online applications. All three datasets are available in Online Mapping under the Advanced Layers Tab. Delinquent property tax information is also available in JCLR2 and through Location Services on the County's homepage.
- The delinquent property taxes show unpaid taxes dating back 5 years. While this information is available on an individual property level in Location Services, it is restricted to myAIMS users for viewing in Online Mapping. User can view information about the unpaid taxes including what years are unpaid, the amount due and the total due if more than one year is unpaid. This data could be easily integrated into a bookmark for each city in JCLR2, if desired.
- Mill Levies are based on the individual tax units and the taxing authorities and differ across the county. This data is available historically back to 2006 in a geographic format and the raw data is available back to the early 1990's, if needed.
- The sales tax dataset is updated quarterly and includes the breakdown of taxes imposed by the state, county, city and any other special taxing districts. This data set can be viewed in the Advanced Layers section of Online Mapping and is color coded by rate.

## **Ownership Information – Jay Heermann**

- Jay announced the recent introduction of ownership information to the public. This data is now available through Location Services on the County's homepage and in Online Mapping using the search functionality.
- It was asked if the cities could now make the information public on their individual sites as well. Due to issues of ensuring the currency and correctness of the data, the answer to this at this time is no.

## **Johnson County Online Mapping – Version 2.0 – Dan Steen**

- Dan presented some of the key aspects of the new Online Mapping applications. His intent was not to present the technical foundation but to focus on some of the lesser known, but highly useful tools.
- The application is built on the Google Map API and uses the Esri map library along with a significant amount of Ajax and jQuery programming.
- Dan presented some of the more unique tools in the application including the Bookmark, Save and Link tools on the toolbar. He also demonstrated how to use the Print button and noted the addition of the unformatted option that allows users to right click the map image and copy and paste it into another document or presentation.
- The Link tool provides not only the URL string necessary to share the current map view, (including layers and drawn features), but also provides the HTML to embed the current map view into another website. Dan demonstrated how this feature can be used and the how others can take advantage of this functionality in their own websites.
- The Search Owner tool was demonstrated, to show where users can access the newly released ownership information. It was also noted that the ability to search by owner name will be added to the Search field at the top of the application soon.
- It was also noted that all utility data and functionality from CUEView has been incorporated into the new application, eliminating the need for CUE users to access two separate applications. Only users with CUE access who log in will have access to this data. Stormwater trace functionality will be integrated in the near future and will be available for public access using the recently created county-wide stormwater network.
- Help videos are available within the application for basic functionality and individual tool usage. An FAQ of common difficulties will be added soon.

## **Google Charts – Dan Steen**

- Dan presented Google Charts as another tool to be aware of and discuss its recent use in Johnson County.

- AIMS has used the Google Charts API, which is free and very easy to use, to create 2 applications that will be released soon.
- It has been used to create charts that show how the property taxes for a particular parcel are broken out across various entities including State, County, City, and other taxing authorities.
- The second application using Google Charts is a budget simulator. This tool, created without any GIS component, provides charts and graphs that let citizens adjust how changes in the County's budget would affect various services.

### **Web Editing – Keith Shaw**

- Keith demonstrated an example of a web editing tool that has been created to assist users in editing GIS data. The application allows users to directly edit simple features (points, lines and polygons) without having to get into the more advanced GIS software packages. It has been relatively successful in use with the ECC in the creation of a multi-building dataset.
- This was presented to hopefully start everyone thinking about other areas where this could be used for collaborative and distributed editing. Parks and CIP were 2 possibilities that were mentioned where there are multiple entities editing and maintaining the same data. A web editing environment would allow multiple users to edit the same data set.
- It was noted that this could be done in a mobile environment, as long as connectivity is maintained. There could be work-arounds to build in safety to prevent data loss should connectivity be lost.

### **Asset Management – Peter Moody**

- Peter presented a recent project undertaken with JCW to integrate their maintenance management system (Lucity) with GIS.
- By integrating this data, JCW is now able to visually inspect their pipes needing rehab and/or replacement and ensure that they are making the most necessary repairs in the most efficient way possible. By linking it with Lucity, they can easily assign workorders for the pipes directly from ArcMap.
- Tom Audley from Lenexa also noted that they have recently done something very similar with their stormwater pipes to determine the areas best fit to call in a contractor for replacement. They intend to modify this model and come up with others to identify pipes suited for lining as well as a model for pipes they can replace in house (36" or under).