

AIMS Coordinators Meeting Minutes
November 17, 2005
Hosted by the Johnson County AIMS

Jay Heermann opened the meeting by welcoming everyone in attendance and asked for any announcements. Doug Johnson of the City of Overland Park announced they will be opening a position for an entry level GIS Analyst to be hired hopefully by February. Steve Voelker of Water One, also said they have a position open for an entry level GIS Analyst as well. Other announcements were that next month's AIMS Coordinator meeting is the holiday potluck at the Lenexa Conference Center located at College and Lackman, the meeting time is at 1:00 pm rather than the regular time.

Peter Moody started the meeting by explaining the process of how he converted the City of Gardner storm water data from CAD format to ESRI, for the purpose of CUE View. The process included first lining up the CAD file with AIMS base map for the data to fall into the right location spatially. Then through an FME process, data was converted from layer format to shapefile format. There were some issues in dealing with this in it created broken lines from how the CAD drawing was displaying the data. Once the clean up stage was completed, he was able to create a network from the line work. To ensure connectivity he created a buffer around the connection points to tell him how many components were with in that buffer to make sure there were no gaps in the network. The advantage to creating a network is while editing, when a line is moved, it keeps its connectivity and all lines move with it. He tested the spatial accuracy by looking at the aerial photography and it lines up well in reference to the inlets and other features. The data was in a personal database format and with the use of another FME process was used to add and change attributes and merge it with all the other entities into jocodev from there it was published to jocopub for the CUE View.

Next Aaron Shettleroe explained the new School Locator Application developed by Dan Steen and himself. This application allows a user to enter in an address and it returns attendance information for the given address. It provides not only school information but, maps as well to show where the location is and where the school is located. It originally was developed for Blue Valley School District and Gardener-Edgerton School District, but now more schools are interested in implementing the same application on their web page. Aaron mention there are other applications similar to this but not any that return maps as well. Currently the IMS does something similar to this but did not meet the specs of the current project. He demonstrated how the application works and looks through the Gardener-Edgerton web page. There was interest and suggestion of expanding this to return more information such as utility service or other attributes to that property. Dan mentioned that it has the capability to do this by just returning what ever attribute you want pulled from the parcel information.

Steve Yoder, Paul Brant, and Shannon Porter next demonstrated to capabilities of the new "Create Map PDF," rolled out last month. They talked about who has access to, some uses of it and how each of the different interfaces look depending on who was accessing it. Each user, AIMS employees, County employees, and my AIMS users each

have a different interface with different options for creating a map. They demonstrated different scenarios and how one would create the desired map in each instance. This showed the capabilities of “Create Map PDF” and the output one can receive.

Last Steve Gay, GIS Manager, from Mid America Regional Council (MARC) talked about the current efforts MARC is working on. He gave a brief history of who MARC is and what they do; primarily focused on the major project they are working on. The first major project Steve talked about was the regional centerline data for the E911 call reference. He talked about their efforts to get the centerline accurate for the E911 system to help in the response time from receiving the call and the dispatch of the emergency response team. They are working with ESRI to expand centerline functionality as well as data model to get centerline data into SDE for efficiency. Currently GeoComm is a consultant hired by MARC to maintain the centerline data, but efforts are taking place to see what needs to be done for MARC to take over those duties.

The second project was the regional aerial photography. They currently have a RFP out now and are looking to receive bids from the vendors soon. They are looking to get it flown in the spring of 2006. Doing this would help cut cost for everyone and reduce the amount of purchasing duplicate imagery for an area. Another benefit would be with such a large area it would make the per square mile cost go down as well. Some issues with this are the different resolutions for different areas. The resolution for the dense area would be greater than the areas that are less dense. The photography would be distributed based on jurisdiction and cost would be determined on a square miles. In the case of Johnson County, the county would pick up the cost of the entire county and distribute based on the current license agreement. Some other things they are looking into are LIDAR quote, Image/Data to support contours, and oblique imagery. They are still figuring out how to distribute the data to the different entities.

Another major project they are working on is Landuse and Population Forecasting in conjunction with regional parcel data collection. The Landuse and population forecasting was primarily used for transportation planning, and efforts are being made to collect local parcel data and expand them to a regional dataset. The process to forecast if an area is to be developed is through a program “Paint the Town” where it assigns a score to that parcel. They are working on a process to determine the right criteria based on the score produced so that the area of development is equally dispersed between already developed area and the non-developed area.

The last topic Steve talked about was Regional Homeland Security. In this project, they are working with Homeland Security as well as First Response Emergency System. In 2003, they were awarded \$200,000 for the use of GIS in this project. They have formed a sub committee to do strategic planning on the areas to use the money to be the most effective. By using the money effectively, they hope they secure future funding from the federal government. A consultant PBS & J was hired in assisting in this strategic planning effort.