

AIMS Coordinators Meeting Minutes
October 20, 2005
Hosted by the City of Shawnee

Doug Hemsath opened the meeting with a brief history of Shawnee's GIS infrastructure and current projects. The first demonstration Doug showed how Shawnee is utilizing the ArcGIS Publisher extension and ArcReader software within the City of Shawnee. All desktops within the City of Shawnee now have the free ArcReader software installed which allows them to connect to published map files to do basic "Pan, Zoom, and Identify" functions. The map files are grouped according to themes like police districts, property, stormwater, etc. Shawnee is also experimenting with a new feature in ArcReader 9.1 that will allow them to view ArcGlobe documents.

Doug then showed how the GIS department is helping the Shawnee Police Department in producing crime density maps. Shawnee has just implemented a process using ArcGIS's Spatial Analyst extension and model builder to take a Microsoft Access database with crime data, provided by the police department, and produce hard copy maps showing crime density within the City of Shawnee.

Shawnee then raised the issue of their Address Plat mailing list. The City of Shawnee has a notification list that they use to mail hard copy plat documents with newly assigned addresses shown on the plat. Doug was soliciting suggestions to find out if there was a more efficient way to do this, possibly through an online application. The consensus was that this should be researched further.

Doug and Jamie Roberts then gave a presentation on their collaboration with the Peridian Group and what they have been doing with newly acquired stormwater data. Jamie went through the process of how they used Spatial Analyst and ESRI's hydrology tools and model to check on stormwater flow and to make sure stormwater got to the stormwater system and then to the appropriate streams. These models are helping in areas that are very flat and where storm runoff doesn't flow well.

Shawnee then showed their use of ESRI's Network Analyst to do fire department response times for the city. Doug showed how they used the county centerline file map response times from the city's fire departments. They were then able to produce hard copy maps that showed graphically the response times in 1 minute, 3 minute and 5 minute distances from each fire station taking into account speed limit, direction, etc. Shawnee hopes this data will be helpful in improving response times for the city's fire services.

Finally Steve Yoder from AIMS and Travis Smith, from the Records and Tax Administration Office, went over the changes that took place last week in regards to how the county is maintaining and distributing property data. The full presentation can be viewed at: <http://aims.jocogov.org/resources/mtgnotes/presentations/2005/Oct/>