

AIMS Coordinator meeting minutes

April 12, 2007

Hosted by the City of Shawnee

11110 Johnson Drive

Shawnee, KS 66203

Announcements

Next month Overland Park will be organizing the annual golf outing which will follow the meeting.

Next meeting

Hosted by the City of Overland Park

8500 Santa Fe

Overland Park, KS 66212

Address Points – Doug Hemsath

Shawnee has added new fields to their address point dataset. The “status” field helps track where new CO’s and TCO’s get created. The data from the building permit database serves as the basis for keeping the storm water utility file up to date. Each year Shawnee must report to the County all new residences. After June 1st Doug must report all new development so the County can add it the tax rolls.

He has also added a field for whether the address point is a multi family or duplex residence. By overlaying this with parcels, he can return an estimated population at any time during the year. In addition, by overlaying this data with subdivisions a built out percentage can be created. Rendering these points can also show areas of high activity or growth.

Building square footage from the permit database adds additional functionality. The address points can be grouped to represent certain business districts. OP and Lenexa both use a permit tracking database, but were not tying any additional data to the address points. Steve Yoder mentioned the County had interest in some of the other cities following Shawnee’s lead in incorporating building permit data.

Multi tenants – Doug Hemsath

Through Shawnee’s business license database there is a need to track which tenants are in a single building. A CO inspection is required before the tenant moves in, but no further investigating is done after the initial inspection. The building inspectors have started to measure and note which tenants are located within the building. They wheel off the frontage space and then the building polygon is split and attributed appropriately.

Future plans include adding inspections from the yearly fire reports and going back and adding past address points. Shawnee requires a state tax ID for each business license and he mentioned tying some of the data they receive from the state to this ID number.

Internet PDF maps – Doug Hemsath

Currently Shawnee does not have an IMS service. Instead they have created map PDF's available to view or download on Shawnee's public website. Many of the PDF files use the multi page feature to link to legends or other images. The JPG obliques are created from the multi-vision software. Doug creates the weekly planning council maps by adding notes within the PDF. These notes are also linked to scanned documents.

Recently Doug created GeoPDF maps for zoning. The GeoPDF map must be downloaded as the object data tool will not appear within the internet explorer browser. Along with links to scanned documents within the PDF, Doug highlighted the search function. Searching through the data would return selected sets and you could then zoom to individual records. All the maps are created manually and must be updated whenever the data changes.

Standard maps – Jamie Roberts

The Shawnee GIS department was receiving numerous requests for hard copy maps from other internal departments. On the cities intranet they created a link to all of the possible standard maps. The generated prn files are then copied to the appropriate plotter via a bat file.

150 celebration maps – Jamie Roberts

The city of Shawnee celebrated their 150th anniversary. The GIS department was asked to create interesting maps for the museum. Using the provided 1930 census they created maps cartographically displaying population. They also created a map showing the progression of townships and old parcels maps.

Multi-vision – Doug Hemsath

Doug mentioned that the city is using the new multi-vision software. Shannon Porter pointed out that AIMS posted a user guide along with the power point presentations. Shannon also quickly highlighted the oblique web application that AIMS is working on.

Address Finder

Doug wrote an application that uses a data centric approach. The app written using Visual Studio .net uses the new free SQL express. Users can type in an address and by searching on the APID, information from the CSR, ROW, building permit, and business license will be returned in the form. If the user wants to map the address they must have ArcReader installed on their desktop since the applications uses the ArcPublisher object.

Doug also mentioned that he has updated the Shawnee Viewer application and that they have plans to buy ArcGIS server workgroup.

Mowing layer – Jamie Roberts

The public works department was having trouble determining which areas needed to be mowed. Some of the vacant agricultural land that they were previously supposed to mow had changed land use, but they were still mowing it. Tammie from Public Works printed out hard copy maps and had field crews draw in the mown areas. She then digitized and converted these hand drawn areas to digital shapefiles. Plans are to create a mapbook for each mower crew that highlight where to mow.

Intranet home page – Jamie Roberts

Jamie showed the current Shawnee GIS intranet home page. He has started rewriting the page that organizes the data content. He mentioned that they now have too much GIS data that makes the intranet site hard to navigate.