AIMS Coordinators Meeting Minutes
May 20, 2004
Hosted by City of Overland Park
Overland Park Justice Center

Announcements

June AIMS Coordinators Meeting

Next month's coordinators meeting will have an engineering emphasis - area engineers will be invited to discuss collaboration efforts with the GIS community. Everyone is welcome. The meeting will most likely start earlier and be held at the county's northeast offices at 6000 Lamar.

Countywide Land Use for MARC

Mike Nelson discussed city and county efforts to create countywide current landuse data for MARC. Every four years, the MARC Technical Forecast committee requires a regional trend forecast for use in their traffic model, with the goal of obtaining federal grant money for transportation. Overland Park organized the effort and got good response from each entity. Each entity within the county was required to update current land use by making county land use designations fit into city classification needs. Mike then demonstrated the Paint the Town application which will be used to edit landuse for future models. Discussion items brought up were issues with property_pl and coincident polygons, county appraiser interest in refined existing landuse data, incorporating data into AIMS parcel database, and the impact of showing future landuse to the public.

Strategic Deployment Application for Police Department

Bert Meier demonstrated an ArcIMS application that was created to look at trends in police activity in order to help deploy officers throughout the city. The data is stored in a single shapefile served through an IMS Mapservice. Through the application, the user can add specific filters to display crime data, and then create and print reports from that data. The data is placed with an x,y and matched by address point. A cookie to the client side manages filters within an ArcIMS session. Future updates to the application may include automating the maintenance of the data shapefile, having the ability to store queries or create permanent filters, multi-selecting with multiple symbology mapping capabilities, creating a public site for crime information, and adding traffic accidents as a filter. It was mentioned that there was a need for interagency collaboration that would develop and support one application to prevent duplicate efforts.

Street Type Issues in Overland Park

Tim Fitzgibbons talked about the conflicting problems the city is having with street types in relation the city's centerline file, and the steps taken to determine discrepancies. The original plat was first looked at to verify that the street type was the same as that in the city centerline. If the plat didn't have the street type recorded, then the address point, county centerline, situs addresses and street signs were checked. There was discussion as to how to resolve this issue. Olathe treats each discrepancy on a case-by-case basis, mostly going by the original plat for legal issues. Having an informed public works department and an automation of processes were ways in which to improve

discrepancies. Mark Whelan mentioned that he now checks the county plats when they're submitted to make sure street type is included.

ArcGIS "Normal" Template Development

Doug Hemsath discussed the transition from ArcView 3.2 to 8.3 and how they have made it easier within the GIS department and other internal departments by adjusting the normal template to create standardized tools within ArcMap. Some tools included in the template were adding plats and an orthos layer, locating by geographic feature, address matching and creating a layout. Creating templates with sophisticated customization might be a next step. One of the questions asked was what basic level of functionality do you make available to everyone so that you're not having to update templates constantly.

GIS and Emergency Response

Steve Brown talked about the emergency operation plan that Overland Park is in the process of drafting. The plan outlines phases of action from setup to full activation for anticipated or current disasters. GIS would be used in assessment and tracking changes while incidents occur. The GIS department is starting to coordinate amongst themselves to respond to events. It was discussed that combining GIS forces amongst cities and the county would be integral to a coordinated response. It was suggested that a future AIMS meeting or subcommittee could be formed with recommendations for emergency response procedures.

Infrastructure Database for Public Works

Peter Maynard-Moody demonstrated an application written in MapObjects 2.2 that manages infrastructure inventory for asset management purposes. The application is currently used in-house. The data is housed in ArcSDE and SQL Server for GBA. They are looking at using the application on a wireless device for field collection purposes.