

AIMS Coordinators Meeting Minutes

Hosted by City of Olathe

1385 S Robinson

Olathe, KS 66061

Announcements

The ESRI user conference is the topic of next month's meeting. Conference attendees should be prepared to participate in a discussion and knowledge transfer of information gained while at the conference.

Next meeting

August 17th, 2006

Hosted by AIMS

Parcel Reporting Tool for Subdivisions/Plats – Matt Steging & Jeff Burch

Olathe has developed a model to deliver summarized value data to planners. The model is processed in ArcMap and collates address, parcel, subdivision, and plat data to present a report of summarized parcel values based on built and unbuilt parcels. The report is delivered in an Excel report and includes annualized data for built vs. unbuilt, average values, total area and value per acre. Development is currently at the distribution stage and staff are assessing how to most efficiently process the model and distribute the results to the end users.

Olathe Cemetery Project – Chris Cannaday & Interns

Using summer interns, Olathe is inventorying the headstones at Olathe Memorial Cemetery near Woodland and Harold. Using a digital camera, GPS and ArcMap, the interns are collecting a coordinate, picture, and attribute information for the 10,000 headstones in the cemetery. They have collected approximately 3,500 points to date. Once complete, the data will be turned over to the cemetery caretaker for maintenance and also used in developing a public access interface at some point.

They are utilizing GPS-Photo Link software for the synchronization of digital photos to the GPS location data. This software uses an embedded time stamp in the image to match to possible records in the database with like timestamps.

Olathe Lake & Trail Mapping – Chris Cannaday

Using the depth pole and GPS technique, staff collected lake depth data points for ponds in Stagecoach park. From the points, they were able to construct a rough bathymetric surface model representing the lake depth as a baseline for monitoring sediment fill and water conditions.

In another natural resource effort, staff mapped submerged brush piles and fish sampling locations with KS Dept. of Wildlife and Parks (KDWP) staff at Olathe Lake and Cedar Lake. The information will be available publicly soon through the KDWP.

Staff also updated mile markers along trail system using a bicycle and GPS. The updated marker locations will better support calls for emergency services along those trails.

Using Cartegraph with Citrix and ArcMap – John Schroeter

The City of Olathe has used Cartegraph for many years for work order and asset management. Staff is continuing to inventory assets and upgrade/migrate software to latest releases and packages. Recently, to alleviate data synchronization issues, they have begun providing real-time access to field crews using wireless technology. Field crews use Verizon wireless cell cards to connect to Citrix servers hosting the Cartegraph software. Using this method, field crews have access to real-time data as well as all the software and components available to the users sitting in the office at a workstation. Jon Schroeter gave a demo simulating the remote access that the field crews have access to.

ArcGIS Server using Disparate Data – Scott Rice

Olathe is using ArcMap Server to prototype an executive dashboard that brings current city service issues to a centralized map viewing application. Users have the ability to view recent city events like water main breaks, fire & police calls, road construction, etc. The challenge of the project has been integrating and collecting the disparate data sources for display in the map. They are currently using the standard out of the box viewer for the application.

IMS Web Template Changes – Chris Welchans

Last year the city released a standard template upon which ArcIMS services were built. In an effort to increase usability, they will be releasing a redesigned interface later this year. Chris Welchans demonstrated a preview of what the new template will look like.