

AIMS Coordinators Meeting Minutes

January 11, 2006

Host: City of Lenexa GIS Department

Location: Thompson Barn 11184 Lackman Rd Lenexa, KS

2007 Priorities

Scott Smith opened the meeting by discussing the 2007 initiatives for the city of the Lenexa GIS department. The twenty-eight topic list of priorities included: updating all staff workstations to ArcGIS 9.2, migrating to SQL Server 2005, the creation of a GIS website, emergency preparations planning, map books, future land use mapping, windows vista upgrade, standard map layouts, digital dashboard creation, and other items.

After going through the 2007 initiatives Scott showed and talked briefly about PDF maps that the city is publishing. Scott mentioned maps of future parks and trails, major easements, potential land use for currently vacant land, and others.

Map Books

Kirk Eidson informed those in attendance about Lenexa's effort to update the map books which the GIS department creates for the fire department and other users. Kirk's presentation dealt with the issues faced when moving away from a graphic based map in exchange for a geodatabase driven map. The new geodatabase driven map books allow for faster reproduction and easier changes when necessary.

Sidewalk and Ramp Mapping

Kirk and Gary from Lenexa presented work that they were doing to catalog the sidewalks and ramps throughout the city. This mapping project serves dual purposes for the city, it helps identify places in the sidewalk network that need immediate attention due to structural deficiency or other predetermined criteria, and it gives city employees who may have been injured on the job a task to do during their recovery. City employees who are temporarily unable to perform their normal job functions but are still able to use a computer during their injury recovery are being tasked with some of the minor editing duties related to this project.

Discussion on ArcGIS 9.2 issues

Tony Perkins led a discussion with the group that was related to any issues they have experienced with ArcGIS 9.2. Various issues were posed, and an impromptu poll was taken to see how many in the group had actually moved to 9.2.

AVL and Street Sweeper/Snowplow route mapping

Tony Perkins presented work that he has been doing related to the Automatic Vehicle Locating system which the city of Lenexa is in the process of setting up. The AVL system is being developed using the city's 900 megahertz RF grid to transfer information from the vehicle directly to a SQL server database. In a preliminary project Tony worked with the Public Works department to track street sweepers and snow plows using the AVL system. In his presentation Tony gave a demonstration of an ArcIMS site that he is working on which displays data captured from the public works vehicles. Tony stated that future plans for this project may involve utilizing the capabilities of ArcGIS Server.