AIMS Coordinators Meeting Minutes

Lenexa City Hall
February 20, 2003

Changes to the Street Centerline – Matt Wennstedt
Matt reported that street centerlines were added to co_cent for the portion of Spring Hill in Miami County. He also indicated that we are trying to determine the best process for adding street centerlines "earlier" (immediately after being graded). Finally, he requested that persons who are submitting a large number of updates via streetinfo@jocoks.com contact him about a new approach AIMS has implemented to make these updates more efficient.

Planimetric Data Updates – Shannon Porter
Shannon reported that the process for selecting a vendor to update orthophotography and planimetric data was winding down. Ten vendors responded to the RFP; of these, four were granted interviews. MJ Harden's proposal was selected by the committee. Deliverables, due December 1, 2003, include orthophotography for the entire county, and building footprint, edge of pavement, water, fence/courtyard, and contours for five "high-growth" areas.

Shannon introduced the idea of transforming the planimetric dataset into more of a dynamic dataset whereby features are added and deleted on continual basis — in contrast to our current approach of mass updates on an infrequent basis. He encouraged the group to begin to think about the procedures for implementing this approach. The group will discuss this more in subsequent meetings.

How GIS Supports Lenexa's Stormwater Tax – Tony Perkins
Tony explained how Lenexa's GIS group supports the City's fees on impervious surfaces for commercial properties. As new commercial development takes place, they visit these sites to collect building footprints and parking lot surfaces via GPS. Eventually the results of their work are sent on to the County and are reflected on a property's tax bill.

Customized Labeling in ArcMap – Tony Perkins
Tony demonstrated a labeling tool he had developed in Avenue and then how he went about providing that same functionality in ArcMap using VBA. ArcMap's "advanced label expressions" allows a user to programmatically generate a text label thus enabling more control over precisely what appears in the label.

Lenexa's ArcIMS Applications – Tony Perkins
Originally Lenexa's GIS group imagined they would develop a single, all-encompassing, "one-site-serves-all" ArcIMS site. Instead, over time they have developed a number of ArcIMS applications that are integrated into the City of Lenexa web site (www.ci.lenexa.ks.us). These various ArcIMS deployments include data on crime, neighborhoods, parks/trails, pavement, and Public Works projects.

On a more technical bent, Tony also explained how he is passing parameters through the URL to control what tools are available to a particular end-user. He also showed how to notify a user where they clicked using the "invisible style sheet".