

AIMS Coordinator's Meeting Minutes

January 15, 2004

Johnson County Transit Building

Announcements

Training for AIMS On-line Mapping Application (IMS)

Matt Wennstedt announced that AIMS is offering free training on the use of its On-line Mapping application. Classes are currently being offered once each month. The next class is February 18, 2004. See <http://aims.jocogov.org/classes/aimsclasses.aspx?Title=AIMS+Classes&Sub=Products+and+Services> for more details and registration.

Database Updates portion of the AIMS Home Page

Matt Wennstedt drew attention to the fact that the Database Updates portion of the AIMS Home page lists recent annexations and recorded plats. To provide more information, each item is hyperlinked to the AIMS On-line Mapping application (IMS). See <http://aims.jocogov.org>.

Comings and Goings

Ryan Boyce has resigned his position with AIMS and will be returning to Burns and McDonnell.

Training Opportunities

Carol McCoy announced that Olathe would be offering two training classes (an ArcObjects class and Introduction to ArcGIS class) at a very reasonable cost in the near future. Contact Carol if you have interest in these classes.

Countywide Zoning Dataset

AIMS has just recently completed an effort to create a countywide zoning dataset. Stephanie Bany discussed the approach that was used and the challenges that were encountered in creating this new dataset. These challenges included acquiring zoning data from the 21 entities with zoning jurisdiction (20 cities + the County), creating a digital version for quite a number of cities, merging the various formats into a single comprehensive dataset, and determining how to handle unique-by-jurisdiction zoning designations as well as common designations but different meanings (e.g., CP1 does not mean the same thing in each jurisdiction). Although the dataset does not provide "direct" parcel and sub-parcel zoning, use of the dataset in conjunction with the property spatial database enables a user to infer zoning for a parcel. Stephanie concluded by demonstrating the use of the zoning dataset within the AIMS On-line Mapping application (IMS).

Shannon Porter conveyed a number of things to keep in mind when using the zoning dataset. These included that the LastUpdate field reflects the date the city last provided an updated zoning dataset (not the date the feature was last updated), that gaps between features and overlaps among features do exist, and that the dataset is not consistent with regard to whether right-of-way is “zoned over” or is excluded from a zoning designation. Shannon proposed a number of ideas for enhancing the dataset. Interest was highest for providing “direct” parcel and sub-parcel zoning, creating a related “special/conditional use permits” layer, and creating a related “future land use” layer.

To view the Powerpoint presentation on this topic,
<http://aims.jocogov.org/resources/mtgnotes/zoning.ppt>

Orthophotography

AIMS is in the final stages of acquiring and disseminating March 2003 orthophotography (0.5' pixel resolution) for the entire county. Shannon highlighted the challenges of this effort caused by very large file sizes (each individual tiff is 125 MB; total for county is 60 GB), spotty breakline data, and difficulty with tone-balancing and achieving a quality printed image. He drew attention to the differences between orthophotography and unrectified aerial photography (see <http://aims.jocogov.org/about/aerialphotospec.asp?Title=Aerial+Photography&Sub=Aerial>). Shannon asked the audience for their interest in possibly resampling the orthophotography at a lower pixel resolution. He also initiated thoughts about our need to discuss our future photography plans based on determining our needs with regard to currency and resolution.

To view the Powerpoint presentation on this topic,
http://aims.jocogov.org/resources/mtgnotes/ortho_plani.ppt

Planimetrics

AIMS is in the final stages of acquiring and disseminating updated planimetric data for the previously defined 5 areas of the county. The data has been delivered and AIMS has QC'ed and provided feedback to MJ Harden (who received the bid). AIMS is expecting re-delivery of the data very soon. Shannon reminded the group that many, but not all, planimetric features are being updated. Finally he discussed possible future changes, the most significant of which is more frequent, but less spatially accurate, updates to planimetric data.

To view the Powerpoint presentation on this topic,
http://aims.jocogov.org/resources/mtgnotes/ortho_plani.ppt

Enhancements to the AIMS On-line Mapping Application (IMS)

Dan Steen described and demonstrated recent modifications to the AIMS On-line Mapping application (IMS). A large number of improvements have been made. These include new functionality (e.g., multiple selections, enhanced location searching), inclusion of new and improved datasets (e.g., zoning, vertical parcels, mineral rights), and general visual/usability improvements (e.g., consistent look/feel with AIMS web page, faster). Dan also demonstrated a few ideas for future enhancements (draw box, “extended attributes” on identify) and encouraged the audience to provide other ideas.

See:

http://aims.jocogov.org/resources/presentations/1_15_2004_AIMS2_Changes.asp?title=AIMS+Coord.+Mtg.+--+Jan.+2004&sub=Data+Partner for more information on this topic.