

## AIMS Coordinators Meeting Minutes

Overland Park City Hall

May 15, 2003

### **Warm Welcome to Stephanie Bany and Paul Brandt – Matt Wennstedt**

### **Changes to the Street Centerline – Matt Wennstedt**

Matt announced the latest changes, which include nominally changing Blv to Blvd and Pky to Pkwy.

### **GIS Day Discussion – Matt Wennstedt**

It would be best to target K-12 schools. Amber Shultz mentioned that organizations like KanCRN (who may have recently changed their name to Pathfinder Science, <http://www.pathfinderscience.org/> ) would be the best conduit to arrange GIS events targeted at school children.

### **Sign Inventory Application – Mike, OP Public Works**

- Original Sign Inventory occurred in MS Access in non-relational format – basically one massive, error-prone table (over 30,000 records).
- GIS convinced Public Works to dump original table and build a MS SQL Server DB with SDE that relates to their GBA DB
- Poles are the only feature class; signs are attributed only as GBA tables
- Sign attributes are joined to poles via scripted queries and views
- Application interface is built with MO2 using VB
- Can add poles via GPS and visually through application's map interface
- Poles are intelligently geo-coded so as you manipulate them, the address continually updates
- GPS is conducted through \$6,000 Trimble Unit; does require a fair amount of training for efficient and standard field work
- Application creates inventory and generates work orders for GBA and field crews
- Have currently input 1,500 signs; estimate ~50,000 signs exist in city

### **Address Repository – Doug Hemsath, OP**

- Originally in shp file but too many usage conflicts
- Now stored in Oracle DB called TideMark, which is based on Parcels
- Shp files are pumped-out for IMS applications
- In the process of porting Avenue to VBA and ArcObjects for capturing X,Y from address
- Address pts are initially captured through geo-referenced, scanned plans
- Planner's have the ability to add addresses without specifying an X,Y; routines are scheduled to identify such addresses and build an X,Y
- There are many difficulties with building and maintaining the Address Repository; feedback loops are not perfected to continually keep the Address Repository apprised to current changes

### **What's Going on in Your Neighborhood – Doug Johnson, OP**

- Internet application to keep public apprised of events in their surrounding area
- GIS is used on back-end, behind-the-scenes for spatial queries; public does not truly interact with a map
- User begins by entering in an address; enter street name, number, and a search radius
- Spatial envelope is built from address point and search radius
- SQL views have been scripted to improve performance
- Tabular Returned Results include:
  - Planning Commission
  - Building and Event Permits (can see Project Status and Project Bulletin Updates)
  - Description of particular Cases (related by Case Number in TideMark DB)
- Currently trying to improve interface of results because queried tabular information can be quite long and thus tedious to scroll
- User can also view a map that highlights entered address and any selected case

### **Desktop GIS using Customized IMS through HTML Viewer and JavaScript – Robert Meir, OP**

- Application created because of need to reduce the number of required licenses for ArcGIS, especially for those that mostly rely on Pan and Identify GIS tools
- IMS Intranet application accessible through OP's intranet site called OPNET
- Application uses six Map Services
- Application contains the general GIS tools Identify, Find By..., Label, Pan, Print, and Zoom
- Can label more than one layer and from more than one field at a time
- Easy to switch between map services while using the IMS interface
- Super Secret image map in upper left of page that allows user to change viewable data layers – Don't tell!

### **Annual AIMS Golf Tournament – All Who Dare**

- Held at Smiley's
- 19 players, 1 caddy, 2 gophers, and 15 kegs of Hamm's
- Jay Heermann and team won using only an old, dirt shovel