

AIMS Coordinators Meeting Minutes

May 11, 2011

Host: City of Overland Park

Location: Overland Park Police Department

Announcements: none

Winter Storm Operations – Mike Nelson

- Public Snowplow App Demo
 - The public snowplow app released late last winter allows residents to interactively view storm response operations.
 - Success of the application led to performance issues with ArcGIS Server. Solution was to purchase new server, remove auto-updates by the clients, and separate external maps services from internal services.
- Internal Snowplow App Demo
 - Demonstrated the internal snowplow application and some of its more custom, and detailed features.
 - Briefly discussed some of the challenges of collecting and processing AVL data like types GPS locations to specific street segments.

AVL Hardware – Mike Ross

- Demonstrated the AVL hardware used in the snowplow trucks and discussed components of the units.
- AVL hardware provided by Location Technologies, Inc. in Parkville, MO.
- Using Sprint for data plan because of its comprehensive coverage locally.

Fire Dept. Collaboration – Steve Brown

- Lock Box Management
- Apartments Map Book Collaboration
 - Collaborating with AIMS, Med-Act, Fire Departments, and Cities to update the common emergency services map book to identify target features, like apartments, recreation facilities, etc.
- Risk Assessment for Accreditation
 - identify high risk/ high probability areas where events are likely to occur
 - use this information to strategically allocate and place resources

Modeling Structures that Flood – Mike Nelson

- Request to determine 2, 5, 10, 25, and 50 year flood event water levels on structures using cross section data.
- Use cross sections to assign and interpolate each intervals flood elevations
- Results of the analysis allowed staff to identify which structures were likely to be affected at each event interval, and the percentage of structures affected at each flood event interval.
- Use the results to identify which structures would most likely benefit from specific projects like road and/or drainage improvements, which event interval should a stormwater detention policy address for an area, etc.

Annual AIMS Coordinators Golf Outing Results

- Sandbagger Steve Brown won for the 3rd year in a row.