

KC MetroGIS
August 18, 2006
Meeting Notes

I. Introductions and current projects roundtable

Frank Lenk, MARC

Andrea Repinsky, MARC-- Paint the Town and Green Infrastructure planning

Brian Parr, MARC— New GIS Manager

Jake Goldman, MARC—Vulnerable populations geocoding

Destiny Taylor, MARC—Vulnerable populations geocoding

Ingrid Landgraf, USGS—LiDAR review and distribution scheduling

Gilbert Castro, UG—Retiring Oct. 1; CAMA and tax system update

David Ness, GE-- Regional ortho project

Kathy Robertson, Independence—Parks addressing and redevelopment using GIS

Huaguo Xiao, Clay County—Parcel updates

Saralyn Hayes, MARC—9-1-1 maintenance

Steve Marsh, Jackson County—2007 parcel updates, finishing parcel addressing, QC photos, 2007 appraisal reevaluation using ArcView on tablets

Jim LaScala, Liberty— Internet GIS development

Craig Arnold, Clay County—GIS has moved to the Assessor's office

Eric Foster, MODOT—Highway map remains CAD. Data verification for state highway attributes

Heather Eisenbarth, Raymore—IMS development

Shannon Porter, Johnson County AIMS—Obliques, LiDAR, planimetrics

Orthophoto project update

- David Ness reports that:
 - all DEM is complete except for Ray County, which had no DEM.
 - Cass County has received images, and outsourced QC.
 - Jackson and Johnson Counties have received images, and is conducting QC.
 - WY and LV should be delivered in ~2 weeks.
 - Platte delivery will be in 3 weeks, and Clay, Jefferson, and Ray will follow.
- QC issues: Cass issues included: delivering 2-ft pixels for 1-ft pixel areas. Also: shifted features (driveways) along seams
- QC: Shannon P. asked if counties were using the AIMS QC tool. Cass is outsourcing; JA took 1-2 days for setup, in order for it to recognize JA's grid system. Clay County has not determined QC process. WY plans to use the tool. Shannon offers his (or Peter's) assistance in tool setup.
- Data storage: Huaguo Xiao asked about data storage requirements. Clay will be 160 GB. Steve advised that SDE would add 25% to the storage total, because of pyramids. Expect 5K x 5K grids (less than 1 sq mi).
- Delivery process: David will contact counties to have them send him a hard drive. Steve offered to lend a hard drive.
- Subcontractors: GE has not worked with MARKHURD, but with Pinnacle Mapping in Indianapolis at the approval of MARC.

- Payments: Most counties have paid. Invoiced: CL, JA, WY Received: JO #1, LV, PL, RA, JF, KCMO. MOU needs to be returned from several cities. The current payment and contract tracking spreadsheet was distributed on paper, and will be emailed. Contract will be sent to Jason Hansen.
- DEM clarification—DEM will be part of the ortho delivery, but it will not be suitable for 2-ft contour production. 10-ft contours may be OK. The DEM will be included on the final delivery hard drive. Format option(s) = ASCII, countywide. What will cities receive? Most cities will receive LiDAR instead of a countywide DEM. The data is in one DGN file, but GE can chop it up.
- Obliques—Jackson will install and train at the end of August. 15-18% of the county was not captured, and may be done in the fall of 06. Image quality has not met expectations for Jackson & Johnson. Cass reports the images are as good or better than their previous Pictometry images. Johnson County Appraiser's measurement tests were accurate. Craig A. will send appraisers into field with MultiVision. ACA reported that it should be easy to use a subset of the data. New flight may or may not be done with ACA's new camera. Cass appraisers have been pleased with the contrast view tool, and will create building footprints. Jackson County will also create forest cover data.
- David left sample MrSid files.

II. Homeland security committee update

- 2005 UASI budget remains (\$120,000) and 2006 UASI (\$240,000.) The 2003 UASI allocation was spent on hardware and servers. The rest may be spent on addressing, but priorities need to be set, based on priority needs and data availability.
- Data sharing is another consideration, and Steve and Ingrid are involved in addressing the issue. Frank L. reminded attendees that MARC has a temporary, interim agreement to use regional data for internal purposes only. Recommendations are due in 1 month.
- Data is desired for pre-planning, during an emergency, and post-emergency cleanup. All time periods and all hazards are considered.
- Jim questioned whether parcel data will be a critical layer for emergency response. Parcel property valuation has some inaccuracy, Steve pointed out. Concerns were expressed that hardware has been purchased without sufficient planning, regarding responsible parties and maintenance. It was noted that the money spent had to be spent quickly, so that less planning was done than what might have been done otherwise.
- Identified needs:
 - Additional technical knowledge and GIS/ES coordination;
 - A dedicated, active working group;
 - More strategic planning based on needs, as defined in the Geospatial Homeland Security Plan;
 - Greater understanding of homeland security by GIS staff;
 - Priority data layers were identified in the plan, so what is needed is a plan for developing the priority data. Review the plan to identify which parts of the plan are unclear;
 - An implementation plan for GIS/HS which goes beyond the Geospatial Plan;
 - Identify the ultimate applications for the data, based on HS needs and an all-hazard approach, plus an understanding of what data is most needed for emergency response. DHS has a list, but the input must come from local ES.

Steve suggests a meeting of a small group of GIS and ES to gain understanding and alignment.

III. Vendors at meetings:

- Steve brought up the option of having vendors at meetings as a technical resource, as questions come up. How can their invites be managed?
- Meetings at MARC are in fact open, but the intent of the meeting has been to have only local government and agencies represented.
- Eric F. suggested to manage it by inviting the vendors as observers, not participants.
- Ingrid would be uncomfortable with vendor invites.
- Option: invite specific vendors to specific meetings for special issues.
- Brian Parr will work with the committee to formalize the policy.

IV. Announcements

- MO Geospatial internet service roundtable, at MO Dept. of Conservation in Jeff City, August 06
- GIS-Homeland Security Conference, Denver
- Upcoming MO GIS conference Feb. 07

Action items

- Updated ortho payment spreadsheet will be emailed, then distributed regularly, by Frank Lenk
- Terry/Frank will send the contract to Jason Hansen +
- Jim/Frank will track Liberty's payment.