

AIMS Coordinators Meeting 2/14/19

Meeting attendees:

Shannon Porter, AIMS	Terrol Palmer, RTA
Kirk Eidson, WaterOne	Ron House, AIMS
Kate Kennedy, AIMS	Travis Smith, AIMS
Dave Nolte, BHC Rhodes	Keith Shaw, AIMS
Blaike Davidson, AIMS	Doug Hemsath, Shawnee
Tom Freeman, AIMS	Steve Brown, OP
Ben Ehrlich, AIMS	Kevin Skridulis, AIMS
Ryan Geiter, AIMS	Dan Steen, AIMS
Jim Bills, JCW	Matt Steging, Olathe
Greg Torres, PWK	Travis Wagner, AIMS
Ken Ivey, Lenexa	April Bowman, WYCO
Trent Carmichael, AIMS	Steve Yoder, AIMS
Jason Hrabe, AIMS	Mike Nelson, OP
Aaron Baumgarden, AIMS	Dave Fullerton, OP

Shannon announced the IT consolidation at Johnson County and that AIMS gained 4 new staff members from other county departments (Ben, Kate, Kevin, and Tom). He also announced that AIMS has moved to suite 3100 in the Admin building. He also introduced the AIMS intern, Trent Carmichael, and advised that his primary responsibility would be working on the planimetric project.

He also announced that the Pictometry (birds-eye) flight will be bumped up a year going forward so that they fall on odd number years and that we have added on the visualization grade ortho so that we will now have some form of digital orthophotography every year instead of every other year.

Lastly, he announced that we are always looking for someone to host an AIMS Coordinators meeting.

Doug Hemsath asked about Lidar, Shannon mentioned that we are still waiting on the data that was paid for by the State of Kansas. DASC should hopefully be providing this data soon and that AIMS will be doing the modeling for contours.

Mike Nelson, OP:

1. Move to ArcGIS Enterprise 10.6.1 Portal
 - a. The plan to release this to everyone
 - b. IT is pushing them to a true test/dev environment
2. Major website redesign
 - a. Application updates, get rid of Flash
 - b. GIS section on public site will be reduced which will lead to them creating an Open Data site
3. Looking at new ways to use, analyze and display data via QlikView
 - a. Doug Johnson has been moved to a new Long Range Planning division
 - b. He will manage an EnerGov specialist and Neighborhood group (4-5 FTE), and Environmental Specialist

Kirk Eidson, WaterOne:

1. Upgrade to 10.6.1 Enterprise
 - a. Changes to utility/geometric network which will force them to Pro/Portal
 - i. Requires a move from old LGIM schema to the new one for the geometric network (this will likely be 2020)
2. Rearchitect their environment
 - a. Looking at moving their data to Esri's cloud and Azure (3rd quarter 2019)
 - b. 120 field workers that must use VPN to access application
 - c. Hana (new database developed by SAP)
 - d. Redoing scada (supervisory control and data acquisition) control system (Contracting with Black & Veatch)

Ken Ivey, Lenexa:

1. Move to LGIM and Pro (skipping from 10.6 and moving to Pro), get plan in place by 4th quarter
 - a. Issues with Lucity holding them back from moving to Pro
 - b. They are already on Enterprise but not using Portal yet
2. Looking at replicating databases
3. Update fiber network inventory
4. Upgrade GPS program
 - a. Got new hardware to help improve accuracy
 - b. Not using MoDot RTK network due to concerns with not having sub-centimeter accuracy so they are using their own base station in house
5. Doing RFP for planimetric data for data used to calculate stormwater fees based on aerial (will use as-builts provided via the permitting process). Main reason for doing this is that these companies have mathematical formulas that could be defensible in court. They are looking at mainly non R-1 (single family residential) areas
 - a. Edge of pavement
 - b. Courts
 - c. Playgrounds
 - d. Private drives and sidewalks

Shannon mentioned that city fiber data is in CUE for cities that have allowed it. He also asked if there are other cities maintaining data if they would provide it.

It was also asked if we should move toward a countywide process of collecting private driveways/sidewalks. Jim Bills said they would benefit from that as well, they use it to calculate replacement materials. WaterOne CAD techs spend a lot of time digitizing driveways so it would help them too.

Travis suggested editing streamways as the base data are over 20 years old

Jim Bills, JCW

1. Moving Lucity web outside firewall
2. Working on services that support webmaps
3. Would like to host a group on GPS

- a. They want to put units in their vehicles, missing opportunities where their field crews are doing manhole inspections
 - b. Manhole positioning
 - c. Lots of features they are unable to locate, especially with low pressure areas
- 4. Doing fiber data expansion, connecting to plans and areas inside plants
 - a. Over the air telemetry is not working
 - b. Providing as-builts to AIMS and partnering with school districts
 - c. Has built a lot of fiber in the last couple of years
- 5. Collection system asset management system
 - a. AIMS has been a huge help with the key performance indicators
 - b. Waiting to see what WaterOne does with the move to the geometric network
- 6. Consultant working on protocols and process for collecting additional attributes from as-builts drawings
 - a. Working on existing infrastructure

Doug Hemsath, Shawnee:

- 1. Looking at 10.6.1. and getting Portal up
- 2. Pro
 - a. Struggle with who needs training, they are still very new
 - b. Stormwater network wasn't there so they were just able to move to it
 - c. Still some bugs
 - d. Don't have to open project anymore
- 3. Doing a lot with ArcGIS Online and Story Maps
- 4. Fiber expansion

Matt Steging, Olathe:

- 1. Since they are already on 10.6 they plan to work with different groups this year in rolling out Web App Builder
- 2. Upgrade to a new server
- 3. Expanded use of GIS by plants via Cartegraph (Aug, 2019)
- 4. Improve data quality via QA/QC
- 5. Also working on fiber and Esri's data model
- 6. Wants to improve GPS
- 7. Waiting until 2020 for Pro and utility network

April Bowman, Wyandotte County:

- 1. Planimetric update of building footprints
- 2. Modernize parcel workflows
 - a. Looking at Workflow Manager
- 3. Upgrade Accela
 - a. Currently 5 version behind, staff turnover
- 4. Direct fiber connection to the fiber hotel downtown
 - a. Implementing new firewall to improve traffic
- 5. Further implementation of Lucity

- a. Buildout of asset management piece for Public Works
- 6. Other issues include:
 - a. ArcGIS Online over 1,000 pieces of content
 - i. Over 2 dozen folks creating data in AGO
 - ii. Lots of maps and data and no way to sync things back and forth
 - iii. Having issues using FME to update data in AGO or Pro
 - iv. No Portal yet
 - b. Wanted to move to 10.6.1 and new servers but were told by IT that they couldn't support it
 - i. Going back to Esri to look at hosted solutions
 - ii. Concerned about how this will affect their integration with Lucity

Greg Torres, PWK

- 1. Stormwater project
 - a. Working on collecting data from all the cities and cleaning it up
 - b. Will then be analyzing to create a score that will help determine funding
 - c. Access will be provided back to cities
- 2. New AVL system in vehicles

Terrol Palmer, RTA

- 1. Continue working with "new" Orion system
- 2. Parcel Foundation Initiative