

Ada County Mapping Co-Operative Special Interest Group (SIG)

Meeting Minutes

February 25, 2016

9:00 AM to 10:30 AM

Location: Ada County Highway District

Attendance:

- Anne Kawalec
- Mike Hickok
- Corey Staver
- Gail Jorgenson
- Sharon Anderson
- April Wing
- Eric Wing
- Emily Dixon
- Jim Hetherington
- Karla Baker
- Doug Watson
- Eric Adolfson
- Stacey Shaffer
- Ken Pidjeon

Minutes:

Meeting opened at 9:00am.

Karla B. motioned to approve December's minutes, Eric W. seconded. Approved.

Introduction/Announcements

- Sharon A. would like to do two different tours/excursions this year and is looking for ideas. Ideas include Simplot, Idaho Power, National Interagency Fire Center, JUMP, and a demonstration of Idaho Military Division's unmanned aerial vehicle.
- **ArcGIS 10.4** is now available. Looks like it will have much more web capabilities. Rumor has it when Canyon County went to 10.4, it broke all of their scripts.
- **Aerial photos** will be flown for Ada County at the end of March 2016. Interim images should be available by the end of July, and finals should be done by the end of August.

Upcoming Training Opportunities or Conferences

2016 Intermountain GIS Conference – April 4-7, 2016 in Great Falls, Montana.

2016 Esri User Conference – June 27-July 1, 2016 in San Diego, California

- Eric W. is presenting on Boise's Neighborhood Indicator Dashboard

ArcGIS Pro / Advanced Geodatabase training – Last week of April 2016 at Boise City Hall

- 2 ArcGIS Pro classes and 1 advance geodatabase class taught by Keith Weber for ISU
- Paid for by Boise City IT department, this is open to people from other agencies for free, but City of Boise staff will get preference.
- Contact April W. to get signed up: awing@cityofboise.org

Hackfort – March 23-26, 2016 at the Owyhee Building in downtown Boise

- Hackfort convenes the brightest from Boise tech community with world-class innovators through panel discussions, workshops and TED-style talks that explore the intersection of technology with education, civic life, and the arts. Not just for coders!

- This year's Hackathon challenge is to create an app that allows cyclists to spatially report accidents and near misses using open data from Compass, ACHD, and the City of Boise.
- Tickets are \$20 or free with a Treefort wrist band. <http://treefortmusicfest.com/hackfort>

ACHD Storm Water Data Model

ACHD is cleaning up their storm drain data, and they came up with some new to improve their data set:

- They had difficulties coming to a consensus of what to call storm drain structures. For ease of symbolization, they settled on 4 sub types: inlets, manholes, treatment structures, and control structures.
- They created a virtual connection feature class to show flow in the geometric network that were not traditional pipes, like water filtering through a rocky area, etc.
- For each storm drain system, they include the subdivision polygon with a field that links back to the laserfiche copy of the plan used to map the stormdrain. This way the people doing the bulk of the mapping don't need to add as much detail.
- They added a green storm water infrastructure polygon feature class.
- They added a culver feature class.
- Sharon is currently working on getting the data into a mobile app using ESRI Collector for inspectors and vac truck operators to coordinate work.
- **Collector Tip:** Relationship tables work better with Apple devise than with Android or Windows. Also, you need to use Windows 10.
- In two years, ACHD storm drain data should be cleaned up.

Round Robin

Doug Watson (BSU)

- There is a student intern with BSU's Environmental Health, Safety, and Sustainability (EHS) who is mapping storm water on campus.
- BSU is mapping monitoring wells on campus and will share the data.
- Doug went to Autodesk University and learned a lot about new technology.

Karla Baker (City of Boise)

- **VueWorks**
 - City of Boise is setting up VueWorks, their computerized maintenance management system (CMMS). VueWorks is an enterprise system that allows the city to track work orders and assets spatially across departments. Tracked assets include hydrants, storm drains, trees, and much more. Karla would be happy to share the data design and other information about this project.
 - City of Boise Public Works currently has two interns who are mapping storm drains to go into VueWorks.
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Jim Hetherington (City of Boise)

- **Indoor Mapping**
 - The airport has requested that City of Boise GIS map the interior of the airport.
 - Gail & Sharon showed us how ACHD does its interior mapping, which includes cubicles. They used floor plans from CAD and have mapped employees, fire extinguishers, bathrooms, first aid kits, etc.
 - The interior of Ada County Jail has also been mapped, but it is uncertain if this would be available for other agencies to look at.

Stacy Shaffer (Idaho Military Division)

- **Unmanned Aerial Vehicles (Drones).**
 - They are getting good 4 cm data from their UX5.
 - We could take a field trip to see the UX5 in action. I would take at least half a day, and there would be special military security measure we would need to complete

Ken Pidgeon (Orchard Combat Training Center)

- Working on mapping barracks.

Eric Adolfsen (COMPASS)

- **Pathways Plan**
 - COMPASS is collecting all pathway plans in order to build a regional pathway planning document that all local government agencies can sign off on.
- **Rails and Trails**
 - Meridian has been trying to get a pedestrian trail along the railroad corridor, but the railroad company does not want this. COMPASS is working of building a case that multiple cities would like a trail along the railroad line.
 - The railroad would still be operational.
- **Regional Data Center**
 - Combined centerline data for Ada and Canyon counties are now available.
 - They are working on a two county address point dataset.
 - Two county preliminary plats will be available soon.

Corry Staver (Ada County Assessor's Office)

- Working on cleaning up the addressing grid data. Boise, Meridian, and Ada County grids do not match each other.
- Hope to use ArcGIS Online to improve the street naming review process.

Anne Kawalec (Ada County Assessor's Office)

- **Ada County Line Boundary**
 - The boundary between Boise and Ada County has been found and re-mapped. The new map has been approved by the commissioners.
- They are currently reviewing the final dataset of tax code areas.

Closing

- Sharon adjourned meeting at 10:30am.
- New meeting with be April 14th, location TBA.