

** Information from PowerPoint Presentations, sent separately, are not included in these notes **

Presentations:

Trailhead Data & Maps (Mat-Su Borough, Hugh Leslie & Stefan Hinman)

- Using credit card kiosks for payment, Seward freed-up two positions in summer months and reallocated those positions to other needed duties. Mat-Su Borough is planning to implement as well. Less handling of cash the better/safer for staff.
- Started this month, online payments for parking permits; more convenient for users, and increases revenue.

New eCommerce Platform (Mat-Su Borough, Eric Wyatt)

- MSB has built a new eCommerce platform with SharePoint foundation.
- Reducing manual forms and processes, bring more services online for purchase; recently business licenses, parking permits, and soon swimming lessons.
- Initial development requires significant investment, but the more services that are added to the platform the better return on investment and less staffing to handle, process manual payments

Pinellas County, FL

- Have built an enterprise GIS platform and application foundation over several years.
- Enabling residents to access data, analyze authoritative info (126 data sets), released relevant applications & services for use by county departments, participating local cities in the county, and the public (more than 150 applications supported today)
- Current staff of 11; the approach was to bring disparate staff together into one GIS group, build the team and system foundation, then re-deploy staff to different departments, but working on a single enterprise GIS platform and approach.
- Created Enterprise GIS Governance / Steering Committee for the entire county (all 24 local cities); meetings are open to the public
- Have established partnerships with 24 cities and the county departments (public services)
 - o Enterprise license includes local municipalities to allow sharing data through ArcGIS Online
 - o Pinellas County hosts data for municipalities that cannot afford to host data
 - o Ability for municipalities to define data without needing ArcGIS, allowing collaboration; collaboration begins at the Steering Committee
 - o Use **Data Sharing Agreements** with local cities to encourage use and sharing
- GIS is integrated with all that is done through IT, not a separate system
- All levels of management are onboard with the enterprise approach; there are no data silos
- Committed to ESRI Best Practices
- Committed to Commercial-Off-the-Shelf Solutions, not custom solutions
- Staff with entrepreneurial attitude (attitude of a consultant serving a customer); tries to do most development inhouse rather than outsource consulting
- Demonstrated the Pinellas OpenData site:
 - o Internal apps
 - o Public dashboard
 - Minimizes public records requests since public has access to data
 - Able to get FEMA Flood zone & link for insurance rates
 - Moving beyond maps to dashboards and analytics
 - o Data layers managed by other departments, not managed by the enterprise GIS team

** Information from PowerPoint Presentations, sent separately, are not included in these notes **

- ROI; difficult to show positive ROI on single project, especially as dollar figure; the ROI grows over time; certainly today, the GIS costs are offset staff hours and cost that would otherwise be needed for inspections, site visits, etc.
- Time on maintenance vs. new build:
 - o Started at 25% maintenance/75% build three years ago
 - o Now 75% maintenance/25% build
 - o The more you do, the more you have to maintain
- Enterprise GIS is most successful by leveraging ESRI support for process and organization
- **Link to Pinellas County Open Data:**
 - o <http://new-pinellas-egis.opendata.arcgis.com/>
 - o <http://egis.pinellascounty.org/apps/my-government-services/>

Anchorage School District – Data Analytics

- New analytics brought data to information to public to help improve student performance
- Built in Tableau – goal to invite non-IT persons that maintain data to build dashboards
- Public and Private dashboard; dashboard suppresses identifiable data of 10 students or less
- Exposing data that was unknown, either supporting or refuting what was thought to be true
- Internal goal is to push specific school data to principals and teachers to act on it
- Partnering with “90 by 20/20” and United Way; do not share individual student data
- Future: Add MAPS testing data so principals/teachers can address individual student needs faster
- Superintendent is behind this effort; you need upper management support to be successful. Superintendent holds principals accountable, principals hold teachers accountable.
- Schools who are using this are rising to the top, seeing changes in their outcomes
- Link to ASD Analytics presentation:
 - o <https://docs.google.com/presentation/d/1VLSnA9IXxEoKc5H442JjVX0xaKO3ModImLoWPwd3EY4/edit#slide=id.p>

Mat-Su Borough / Open Data Portal

- Demonstrated new Citizen Problem Reporter; easy web address set-up for citizens
- Briefly demonstrated the process of collecting the mapping and other data to present the information in the application
- Gives citizens ability to report trash and abandoned vehicles; can expand to more things to report
- MSB can enable local cities to use the app and respond to reported issues in their jurisdictions
- Open Data through ArcGIS Online available to the public

Lunch Discussion: Partnerships: Who, What and How

The discussion centered on existing and possible partnerships for sharing data, systems and resources to reduce costs and provide more and better information to the public.

Matsu/Muni:

- Meeting this week to discuss developing partnership, emphasis on how to leverage what each is doing, and to share resources

** Information from PowerPoint Presentations, sent separately, are not included in these notes **

Matanuska-Susitna Borough School District/Matsu Borough:

- Leverage property data/addresses from Matsu Borough

Anchorage School District/Municipality of Anchorage:

- Shapefiles for community councils to interact with communities
- Census data

Anchorage School District/Non-Profit Organizations:

- Assist United Way with community-based information
- ASD looking at what they can release to non-profits that are looking to assist communities but must keep individual information private/confidential

Matsu Borough partnerships:

- Dept of Forestry:
 - o Emergency Services staff and GIS services during local wildfires; GIS services also available for state & national wildfire events
 - o Imagery: partnering with agencies who use the data to contribute annually
- UAA Mat-Su:
 - o On the board that drives course offerings to meet work force needs
- Partnerships the Matsu is pursuing:
 - o Local Cities and School District:
 - Expand use of GIS systems; discussed with ESRI to add local cities to Matsu's current ESRI enterprise license
 - Could add cities and school district services to the new Matsu eCommerce system
 - o Muni:
 - Share people resources, specifically IT security analysts, programmers
 - Sharing application development
 - Sharing lessons learned from developing and deploying new SharePoint platform
 - o Universities:
 - How to retain and have the right jobs for graduates locally so they do not need to seek employment outside Alaska
 - Create/support class projects that benefit the public and student learning objectives
- Highlights of future data needs:
 - o Planning data for new community/home building to MEA/MTA
 - o MEA/MTA to share types of service for those looking to buy/build
 - o Identify where Enstar service is, but not where lines are
 - o Legislation to enable showing where all the local improvement districts (LID's) are

MTA:

- Parcel data from MSB/Muni
- Intern program with high schools; like the idea to leverage UAA students for projects
- E911 data to MSB

MEA:

Alaska Smart Communities Forum
May 9, 2017 8:00 a.m. – 1:00 p.m.
Atwood Conference Center, 1st Floor / Anchorage

** Information from PowerPoint Presentations, sent separately, are not included in these notes **

- Parcel data from MSB
- Open to sharing data they collect with other Railbelt utilities

Dept of Natural Resources

- AK Geospatial Council is major multi-departmental, agency partnership focused on GIS and other data
- Discussed need to maintain base layer data for state/aerial imagery for entire state; goal is to not have data be less than 5 years old
- Need better data on mapping wetlands, waterways
- Would like to partner to pursue more comprehensive gathering and maintenance of data sets

Conclusion:

- Lots of ideas and partnership opportunities
- Partnerships best suited as mission-specific, specific types of sharing or resources, data and apps
- Participants in the AK Smart Community Forum are asked to consider data and partnerships of mutual interest with any other Forum participants or other entities, be it state, local, non-profit or private organizations

Next Forum is August 9, 2017 – BP Energy Center

- Send topics for presentation/discussion to Doug Miller
- Advisory Group will meet again in May/June
- Send information on current partnerships or ideas for partnerships to Doug; to be add to list on the Alaska Smart Communities Forum website: <https://akscf.matsugov.us>