MINUTES

eGIS Steering Committee

March 27th, 2018
1:05pm – 2:05 pm
Facilitator - Jeremy Capes, GIS Manager

In Attendance

Committee Members:

PRESENT

Mike Twitty – Chair – Pinellas County Property Appraiser
Rahim Harji – Vice Chair – Pinellas County ACA (Parks & Conservation Resources, Public Works, Solid Waste, Utilities)
Lourdes Benedict – Pinellas County ACA (Animal Services, Emergency Management, Human Services, Marketing and Communications, Safety and Emergency Services)
Paul Sacco – Pinellas County ACA (Convention & Visitors Bureau, Management & Budget, Office of Technology and Innovation, Purchasing, Real Estate Management, Risk Management)

ABSENT

Marc Gillette – Supervisor of Elections
Jason Malpass – Pinellas County Sheriff Office
Jake Stowers – Pinellas County ACA (Airport, Building Services, Development Review Services, Economic Development, Planning)
Megan Ross – Pinellas County Utilities Interim Director

Attendees:

Joe Borries – Emergency Management
Jeremy Capes – Business Technology Services, eGIS
Ben Friedman – Economic Development
Virginia Holscher – Risk Management
Christy Kretschmann – Business Technology Services – eGIS
Curt Nielson – Property Appraiser
Penny Simone – Public Works

Brett Burks – Forward Pinellas
Mike Dawson – Business Technology Services, eGIS
Dan Glaser – Utilities
Belinda Huggins – Business Technology Services
Blake Lyon – Development Review Services (PROXY for Jake Stowers)
Alan Shellhorn – Planning
Toni Smith – Business Technology Services, eGIS

Agenda

1. Call to Order
2. Welcome and Introductions
3. Approval of Minutes from the February 14th, 2018 meeting
4. Recap of February 14th, 2018 Steering Committee Meeting Items
5. LIDAR and Pictometry Flights Updates
6. The eGIS Team is Hiring
7. 2018 ESRI User Conference Pass Allocations
8. Show and Tell by Christy Kretschmann – Opioid Awareness Story Map
9. eGIS Project Updates
10. Training Opportunities
11. Open Discussion

Call to Order

The meeting was called to order at 1:05 pm by Mike Twitty.
Approval of Minutes

It was asked by Mike Twitty if there were any changes to the February 14th, 2018 meeting minutes, none were noted. Rahim Harji motioned to approve, Blake Lyon (proxy for Jake Stowers) seconded, all in favor. Minutes approved.

Recap of February 14th, 2018 Steering Committee Meeting Items

The special February 14th, 2018 meeting was held to make a decision on two items for the BTS/eGIS budget: Countywide 3D Basemap and Enterprise Routing Solution. The Steering Committee voted and approved on adding both of these to the BTS/eGIS budget and decision packages were created and are being submitted.

Mike Twitty asked a couple of questions:

- What number amounts were put into the decision packages for each project?
  - Countywide 3D Basemap was put in at $250,000.
  - Enterprise Routing Solution was put in at the annual cost of $54,000.
- Were the decision packages scoped out for each department buy-in?
  - No, only justification of projects for now.
- When it goes in front of the BTS Board please have the following:
  - More subject matter on the projects.
  - More information on how these will help out each individual departments.

Another question raised was if we could leverage any of our LIDAR contract to do the 3D basemap? It was suggested by multiple attendees that we try not to amend the current LIDAR contract. Blake Lyon mentioned that they are currently working with OTI (Office of Technology and Innovation) on the Zonar product and what ability that has with 3D mapping.

LIDAR and Pictometry Flight Updates

Sample data has been received for the LIDAR flight and was given to some departments to review and it looks good so far. eGIS is in contact with Atkins to pinpoint dates of final deliveries. Rahim Harji mentioned that there are some Public Works projects coming up which are in great need of the new LIDAR and asked eGIS if they could get more specific delivery dates from Atkins. Jeremy Capes said he would reach back out to them this week. Rahim Harji and Mike Twitty said if it needs to be pushed by them to let them know. Some of the projects that will be needing this data are the Watershed Management Plan, FEMA and Sea Level Rise. Mike Dawson mentioned that the sample data is available in the eGIS read only data connection and is in a folder called LidarSample if anyone wanted to view the sample data.

The Pictometry 2018 aerials are approximately 92% complete with the capture of the area of interest.

The eGIS Team is Hiring

The eGIS team currently has two positions open for a GIS Developer/Programmer. Interviews will be starting next week.

2018 ESRI User Conference Pass Allocations

All 20 complimentary passes for the 2018 ESRI User Conference in July have been assigned and 19 have already registered. There is a good mix of departments attending: eGIS (3), Public Safety Services (2), Emergency Management (2), Real Estate Management (2), Human Services (2), Property Appraiser (2), Public Works (3), Solid Waste (1), Utilities (2) and Sheriff (1).

Show and Tell by Christy Kretschmann – Opioid Awareness Story Map

The Pinellas County Human Services and Health Department asked eGIS for help with building a story map on Opioid Awareness for the public. eGIS Team member and story map expert, Christy Kretschmann, worked with these departments to help create the story map. The story map template used for this project was called “cascade”. It basically uses the scrolling method and was designed for multiple devices, especially tablets. Christy worked closely with Audrey Stasko from the health department, who provided her with the necessary information, data and images needed. Christy also leveraged the new ESRI Insights to produce some of the slides in the story map. At the time of the creation of the story map only the 2016 data was available so the maps only include that data. Once the 2017 data is received it will be updated. Lourdes Benedict asked if this is completed. Christy answered yes saying that it was live and...
available to the public. Christy also mentioned that Audrey was going to work with communications on getting it circulated more in the county. Lourdes said this was a great job. Blake Lyon asked how long one of these story maps takes to complete. Christy answered that it is quick to create but what takes the time is the tweaking and editing once it is created, plus it is good to have all the information available at the time of creation. Lourdes also asked about how to update the story map if needed and the answer was to contact the eGIS department. The story map can be accessed here: [http://pinellas-egis.maps.arcgis.com/apps/Cascade/index.html?appid=8c02b926f02c4498b1dda55f00e4a1aa](http://pinellas-egis.maps.arcgis.com/apps/Cascade/index.html?appid=8c02b926f02c4498b1dda55f00e4a1aa)

**eGIS Project Updates**

Jeremy showed the list of projects on the eGIS Project list and since the beginning of the year five projects have been completed: Elevation Certificate Editing Application, Animal Services GIS Integration, Initial Detailed Damage Assessment Report for 2017, Forward Pinellas Transportation Improvement Plan Application, and OPIOID Story Map. There are eight projects currently in progress with an important new one added, moving the Know Your Zone application into the Amazon Web Service. Three projects are still waiting on customer. One of those, Stormwater Manual Public Story Map, according to Rahim Harji, can be deferred for now. One application that will be starting as soon as possible is the Gray Sky Road Closure application, which needs to be done before hurricane season begins in June.

Some questions that were asked were:

- Brett Burks from Forward Pinellas mentioned that the project that shows completed for Forward Pinellas may still have some final feedback and enhancements needed. Jeremy mentioned that the application is “completed” and it now goes into the maintenance mode.
- Mike Twitty asked about the SOE Voter Info Data Comparison project. Jeremy and Mike Dawson responded that the SOE had a consultant work on geocoding their voter addresses to our site addresses and was able to get close to 80% complete. This project is to look at that other 20% and see if they can be geocoded to where the SOE is comfortable to move to the EGIS platform. Joe Borries mentioned this data would also be helpful with 911 and damage assessment purposes. It would also help fill in the gaps of site addresses etc. Joe Borries also mentioned that Lisa Foster in Public Works is working on Mobile Home Park addresses that will also help. Curt Nielsen mentioned that when this project is being done it would be beneficial to have some kind of global ID assigned in order to join with other data.
- Blake Lyon wanted to put on the project radar Phase 2 of the DRS Site Plan Viewer. This may rely upon the Accela upgrade.

Jeremy reminded the committee that those projects on the project list are what will consume more than 40 hours to complete. With that said there are many other projects and tasks that the eGIS team performs. In the past 3 months, 680 hours of the eGIS team has gone towards the EAM (Enterprise Asset Management) project. Jeremy also showed additional accomplishments by the team by showing closed and open ticket categories for the past 3 months. The graph showed a large amount of data editing by the team. Rahim Harji asked if this editing was something that could be put back into the departments by creating web editing maps. Jeremy responded saying that most of this editing right now is eGIS responsibility data such as annexations, road centerlines and Utilities and can be easily handled by the 2-4 eGIS team members that do editing.

**Training Opportunities**

Jeremy mentioned that there has been some requests for more ArcGIS Pro training. eGIS is working on scheduling a 15 seat ArcGIS Pro Essential Workflows instructor led training class to be scheduled sometime late May/early June. Free training, such as videos, tutorials, seminars and web courses are available thru our ArcGIS Online organization user accounts. eGIS also has a variety of viewers which are helpful.

Please forward the names of any of those interested in the ArcGIS Pro class, information on the free training opportunities, or training on any of the eGIS viewers to [egis@pinellascounty.org](mailto:egis@pinellascounty.org)

**Open Discussion**

Blake Lyon mentioned that he has been helping Economic Development out with some training and guest speaking and is willing to help in that area if needed. He mentioned how beneficial it is for the cross training of department knowledge.

Blake Lyon also requested some help with story maps for some ideas his department may have. Jeremy told him to contact eGIS and something can be scheduled for training.
Blake Lyon also mentioned about the public website and data available. Mike Dawson said that it is generalized but if any new data needs to be added it can be, just let eGIS know.

Mike Twitty demonstrated a tool that his office created to provide a better explanation to the public on the upcoming General Election ballot amendment for a proposed 3rd Homestead Exemption. This website will help explain the proposal and by entering your address it will tell you if you will benefit from it or not. For more information visit http://3hxestimator.org/hb3/hb3.php.

Rahim Harji mentioned a GIS certification class that was going to be offered thru St Pete College. Please contact Carla Mitchell for more information on this.

Joe Borries mentioned the 15 million dollar State LIDAR project, which Pinellas County may be able to get different deliverables from other than what is being done with our local LIDAR project. Since we are flying our own LIDAR, they are not doing Pinellas County. He also mentioned that they have hired a new statewide GIS Coordinator.

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**Next Meeting**

Thursday, June 7th, 2018, 1:30pm, Planning Large Conference Room – 310 Court Street

The meeting adjourned at approximately 2:05 pm.

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**Power Point Presentation**
Recap of Feb. 14th, 2018 Meeting

- Discussed Potential Projects for Budget Consideration
  1. Proposed County 3D Basemap (from ESRI Canada)
  2. Routing Solution (ESRI StreetMap Premium Service)

- After some great discussion and identifying potential use-cases, both projects/budget items were unanimously approved by the eGIS Steering Committee.

- Decision Packages for both of these projects have been submitted.

The eGIS Team is Hiring...

The eGIS Team is excited that we will soon be hiring for two open positions.

- Both will be GIS Developer/Programmer positions.

- Interviews will be scheduled next week.

Show and Tell – Christy Kretschmann

Opioid Awareness StoryMap

The Opioid Epidemic in Pinellas County

A tool at the urging of Senators

Project Updates

- **LIDAR Project** – Sample data has been received and looks great. We are awaiting time line from Atkins for final deliverables.

- **Pictometry/Eagleview 2018 Aerials** – Approx. 92% complete with capture of AOI.

2018 ESRI User Conference

| [Image] | [Image] |

Project Updates – eGIS Pipeline

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status</th>
<th>Stakeholders</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevation Certificate Editing Application</td>
<td>In Progress</td>
<td>Public Works, Jane Bogan, Robert Foster</td>
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<tr>
<td>Animal Services GIS Integration</td>
<td>Completed</td>
<td>Animal Services, Tisha Carter</td>
</tr>
<tr>
<td>National Critical Damage Assessment Report 2017</td>
<td>Completed</td>
<td>Enterprise: Jolyon, Joe Bartoli</td>
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<tr>
<td>Proactive Preliminary Improvement Plan App</td>
<td>Completed</td>
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<tr>
<td>Proactive Study Map</td>
<td>Completed</td>
<td>Interactive Services: Rafe Baines</td>
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<td>GIS - Blue Sky Road Closure Application/Tracking</td>
<td>In Progress</td>
<td>Public Works, Dan Halkin, Howard Jones</td>
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<tr>
<td>Legacy System Replacement</td>
<td>In Progress</td>
<td>2019</td>
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<tr>
<td>Time Card Application</td>
<td>In Progress</td>
<td>2019</td>
</tr>
<tr>
<td>Call Center Viewer</td>
<td>In Progress</td>
<td>Public Works, Robert Halkin, Luke Pritchett</td>
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<tr>
<td>Sea Level Rise Vulnerability Study RESTORE ACT</td>
<td>In Progress</td>
<td>Planning, Chris Messer</td>
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<tr>
<td>GP Functions</td>
<td>In Progress</td>
<td>Joe Bartoli</td>
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<tr>
<td>New Zone AM/AM (Automatic Call taker)</td>
<td>In Progress</td>
<td>Emergency: Jolyon, Bette Sanders</td>
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<tr>
<td>Proactive: Integration with ArcGIS Server</td>
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<td>Emergency: Jolyon, Joe Bartoli</td>
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<tr>
<td>Emergency Management GIS/Operations Dashboard</td>
<td>Not Started</td>
<td>Emergency: Jolyon, Joe Bartoli</td>
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<tr>
<td>Tapes/Maps Display (Public Works/GIS Website)</td>
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<td>Public Works Environmental Forecast App</td>
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<td>Public Works Road Maintenance Editing Web Map</td>
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<td>GIS Silver-Info Data Comparisons</td>
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<td>Supervisor of Elections, Marc Collette</td>
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<td>General Stewardship Application</td>
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<tr>
<td>Tapes/Maps/Display Hurricane Season Projects</td>
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Please visit our SharePoint site for other project information
Project Updates

Ongoing Projects, Tasks, Needs for the EAM Project -

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<tr>
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<tr>
<td>Ongoing Project</td>
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<td>Task A</td>
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<tr>
<td>Task B</td>
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Total Task Hours: 600

Additional Accomplishments

Various eGIS Team Tasks from 01/01/18 to 03/26/18

**CLOSED TICKETS**

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<tr>
<td>App Support</td>
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<tr>
<td>Data Entry</td>
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<tr>
<td>Database Support</td>
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<td>Environment</td>
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<tr>
<td>Infrastructure</td>
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</tr>
<tr>
<td>Map Request</td>
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<tr>
<td>Support for Information</td>
<td>1</td>
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<tr>
<td>Support</td>
<td>10</td>
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<tr>
<td>Grand Total</td>
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**OPEN TICKETS**

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Training Opportunities

**ArcGIS Pro – Essential Workflows (for Intermediate to Advanced Users)**

- 3-day on-site instructor-led course
- The eGIS Team is coordinating with ESI to offer this course very soon.
- This course has a limit of 15 seats.
- It will be open to all County departments who participate with the EGIS Team.
- Contact Toni Smith to sign up.

**Introductory GIS Training using ArcMap, ArcGIS Pro, or ArcGIS Online**

- Free online training is available through ESI/ArcGIS Online.
- Contact Toni Smith for more info.

**User Training for Pinellas County eGIS Applications (WebGIS, PCUGIS, more)**

- Free in-person training is available.
- Contact Jeremy Capes for scheduling.

Next meeting = June 7th, 2018

Request to share how you use GIS in your department at upcoming meetings.

*Please contact Jeremy Capes if you’re interested.*

Examples could be:

- Analysis
- Maps
- Problem Solving
- Share Information
- Applications/Viewers
- Data Collection
- StoryMaps
- Reporting
- More!

WE WANT YOU!