Minutes

Enterprise GIS Steering Committee
5.17.2017 1:35pm – 3:15pm Clerk’s 4th Floor Conference Room

Chair John Bennett, Assistant County Administrator
Vice-Chair Vacant (at the time of this meeting)

Attendees Voting Committee Members
John Bennett, Assistant County Administrator
Marc Gillette, Supervisor of Elections (SOE)
Jake Stowers, Assistant County Administrator
Paul Sacco, Assistant County Administrator ABSENT
Jason Malpass, Pinellas County Sheriff’s Office (PCSO) ABSENT
Kelli Hammer Levy, Public Works/Utilities/Solid Waste/Airport
Mike Twitty, Property Appraiser’s Office (PAO)

Jill DeGood, Sheriff (proxy for Jason Malpass)

Guests
Jeremy Capes, BTS
Steve Clark, BTS
Mike Dawson, BTS
Tom Fredrick, BTS
Daniel Glaser, Utilities
Virginia Holscher, Risk Management
Randi Kim, Utilities
Blake Lyon, Development Review Services
Curt Nielsen, PAO
Penny Simone, Public Works/Survey
Toni Smith, BTS (Note taker)
Bryan Zumwalt, BTS

Agenda
1. Call to Order
2. Approval of Minutes from the February 23rd, 2017 meeting
3. Nominations for Vice-Chair
4. “Show and Tell” – DRS Site Plan Viewer Application
5. ESRI Conference Pass Allocation/Attendance
6. ESRI Account Team - Change of Account Representatives
7. New “GIS User” Laptop Specification
8. Update on Aerials/LIDAR Acquisition
9. eGIS Accomplishments
10. Review of Current and Future Projects
11. Overview of Major Project Initiatives
   a. Enterprise Asset Management (BCC)
   b. Penny for Pinellas/CIP (OMB)
   c. AARP/Age-Friendly Pinellas Project
   d. Upgrade to 10.5 and Countywide Geocoders
12. Open Discussion

Agenda Items

Call to Order
Presenter John Bennett
The meeting was called to order at 1:35 pm.

Approval of minutes from February 23rd, 2017 meeting
Presenter John Bennett
Discussion It was asked by John if there were any changes to the February 23rd, 2017 meeting minutes, none were noted.
Conclusions Marc Gillette motioned to approve, Kelly Hammer Levy seconded, all in favor. Minutes approved.
**Nominations for Vice Chair**

**Presenter**  
John Bennett

Since the committee's previous vice-chair is no longer with the county, there is a need to nominate/vote on a new vice-chair. Jake Stowers nominated Mike Twitty, Jill DeGood seconded, and all present were in favor. Welcome Mike Twitty as the vice-chair of the eGIS Steering Committee.

It was also discussed, as there have been recent department changes under the BCC, that some of the representation on the committee change. As Kelly Hammer Levy has been representing Airport, Solid Waste, Public Works and Utilities, it was noted that Airport is now aligned under Jake Stowers (ACA) and Solid Waste is aligned under Paul Sacco (ACA). It was recommended by John Bennett that there be members representing Public Works and Utilities. Kelly Hammer Levy mentioned that Rahim Harji (Public Works Director) had spoken with her about this and she is in favor with whatever will best suits the committee. It was motioned by Jake Stowers to add to the eGIS Steering Committee Rahim Harji to represent Public Works and Randi Kim to represent Utilities. Kelly Hammer Levy seconded, all present were in favor. As of today, Kelly Hammer Levy will serve as a proxy for Public Works. Welcome Rahim Harji and Randi Kim to the eGIS Steering Committee.

**“Show and Tell” – DRS Site Plan Viewer Application**

**Presenter**  
Steve Clark, eGIS Team Member

**Discussion**  
Jeremy Capes started by saying that he would like to include in the future eGIS Steering Committee meetings a “Show and Tell” of sorts of some of the projects that eGIS has worked on or are working on. This could be presented by an eGIS team member or anyone in the county utilizing eGIS.

Steve Clark, eGIS team member, gave a demo on an application that eGIS had created for Development Review Services, DRS Site Plan Viewer. This application is a public and internal application which will show the status of Site Plans in the county. The application uses data from DRS Permits Plus system.

John Bennett asked how old the data is and how long does the approval status stay on. It was answered that the data gets pushed nightly to the application from the data in Permits Plus and for right now the approval status stays until it is asked to be removed by DRS. Kelly Hammer Levy asked if this application will also work with Accela when it is implemented. Blake Lyon, from DRS, answered that as the application was developed it was known that it would need to have capability of converting to Accela. Blake Lyon talked about an application from his previous employment which he would like to get to in the future, whereas it can incorporate with information from the cities.

This idea of showing what eGIS has been doing for the enterprise was greatly received by the committee, in which some of the comments were they would be able to see the successes and learn what is out there to utilize.

**ESRI Conference Pass Allocation/Attendance**

**Presenter**  
Jeremy Capes

**Discussion**  
Jeremy went over the ESRI User Conference complimentary passes allocation. So far 16 of the 20 complimentary passes have been registered to eGIS (3), Real Estate Management (2), Human Services (1), Public Works (6), and Utilities (4). There are still 4 more passes available, but be aware that the department will need to cover the travel and hotel accommodations. If anyone is interested in these passes, please contact eGIS for further information. It was asked if this conference is always held in July and the answer was yes. John Bennett asked if Forward Pinellas could utilize these passes and the answer was yes, because they are an eligible agency.
**Minutes**

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**eGIS Accomplishments**

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<td><strong>Discussion</strong></td>
<td>Jeremy wanted to show the committee the different accomplishments that the eGIS team has done in the past 3 months. Whereas when one sits as a committee member or in the meeting, they only see the major project status updates. There is much more that the eGIS Team handles daily beside the major projects. BTS has a ticket system which tracks time spent on projects, requests and break/fix issues. Jeremy broke down the tickets into 3 different areas; Operation Support (application/database/customer support and data entry/edits), New Requests (maps, analysis, projects, information requests), and Unplanned Incidents (break/fix issues). There were 385 tickets for Operational support that took 68% of the teams time, 110 tickets were for New Requests that took 20% and Unplanned Incidents had 66 tickets amounting to 12% of the time.</td>
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**Review of Current and Future Projects**

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<td><strong>Discussion</strong></td>
<td>Jeremy first showed a list of the projects that have been completed since the last meeting. Jill DeGood asked about the WebEnforcer Security Integration and if that had been completed. Bryan answered that as a whole it is completed but the administrative part is still open. Curt Nielson asked about the 911 Failover Geocoding Service and it was explained as that project was for 911’s second server backup which is for their redundancy. Curt asked if this was available to others and it was answered no, as it is behind 911’s firewall. Jeremy then showed the projects that were over 80% complete. The Know Your Zone rewrite project is number one priority right now as it had a June 1st deadline but has now been bumped up for the BCC meeting on May 23rd, in which Emergency Management is asking for multiple applications to be ready. John Bennett mentioned that the Hydrant application will prove to be a big help and hopefully be able to work with the Utility hydrant data in the future. Ginny Holscher asked about the Sidewalk inventory application and that her department would be interested in that data, once collected, as RISK deals with sidewalk accidents. The next group was projects that were in process but less than 80% complete. Questions were asked about the Blue Sky Road Closure application and were answered that eGIS was trying to accommodate Public Works and Emergency Management with this project. It was mentioned that there were some Emergency Management projects that were being worked on for the June 1st deadline. Kelly Hammer Levy mentioned that for the Vulnerability Assessment they were gathering info from the cities and TBRPC to be integrated into a GIS layer countywide. Randi Kim asked for a progress report from her on this for the Wastewater Task Force. For the Waiting to Start list, it was reported by John Bennett that the Stakeholder could move to Human Services for the AARP Age Friendly Project Support. The last list was a list with deferred projects, meaning a holding list for when the stakeholder is ready to proceed with the project. The EAM Record Drawing layer is now becoming more of a process and not a project. It was asked by Jake Stowers as to why the Streetlight District Tax Roll Automation was deferred. Bryan responded that the project on the list is to automate the manual process that is in place now. Unfortunately it is too late to start this for this year. It was suggested using a vendor to do this as in the Surface Water fee, which has a QA/QC process involved. Mike Twitty asked about the CityEngine 3D modeling. Bryan explained that it would use the LIDAR to create a 3D model of the county, but is waiting on the LIDAR. Blake Lyon said that he has been looking into other software models for his front counter which would utilize mass modeling for zoning. John Bennett asked about the Future Penny Project and if it has been looked into yet, Jeremy responded that eGIS has met with communications and have started working on the data and story map. It hadn’t been added to the BTS Pipeline when this powerpoint was created. John Bennett wanted to thank eGIS for the historic Penny Story Map and will look forward to this one. It is anticipated that those projects that are 80% or more completed will be completed within the next 2 weeks.</td>
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Overview of Major Project Initiatives

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<td>Jeremy highlighted that there were five major project initiatives for eGIS in the near future.</td>
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<td>- Enterprise Asset Management (EAM) – eGIS is working on the new environment with the addition of 48 servers with the next couple of weeks. They will also be working with Cityworks for their install next week. eGIS wants to be ahead of the schedule with the GIS integration so that we do not become the bottleneck with progress.</td>
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<td>- Penny for Pinellas – this is a story map project for the “future” penny projects which will need to be completed with then next 6 week for the vote in November</td>
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<td>- AARP/Age Friendly Pinellas Project – next meeting with be on June 5th and will know more of what is expected from eGIS.</td>
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<td>- Emergency Management – working to get their applications updated/created before hurricane season.</td>
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<td>- Upgrade to 10.5 and Countywide Geocoders – still working with ESRI on the upgrade issue and have found out it isn’t an issue with 10.5.1. But that release isn’t available until months out so ESRI has a workaround that eGIS will be doing within the next 2 weeks in order to access the new countywide geocoders.</td>
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Open Discussion/Adjournment

| Item #1 | Marc Gillette mentioned that the Supervisor of Elections had a vendor geocode their addresses to the 911 addresses over a month ago and the vendor has gotten 90% of their addresses geocoded. Only 85,000 voter addresses are yet to be geocoded, which are mostly apartment complexes. Marc wanted to ask the committee how valuable this set of data would be to the enterprise. To finish this project out would cost $40,000 so Marc was asking for suggestions as they would want this data to become enterprise and finally move to eGIS. Bryan suggested that he get with Jeremy to set up a meeting on scoping out the project to see if the vendor would work or internal cleanup. |
| Item #2 | Randi Kim asked if the SSO’s are a layer in the enterprise. Jeremy answered that he believed that data is captured in AGO and actually eGIS was having a meeting with some people from Water Quality about getting this data into eGIS. |
| Item #3 | John Bennett asked if anything was in the pipeline to do for mosquito season. He wasn’t sure if communications were going to be doing anything but thought about some kind of public facing map on the calls that come in or where threats were in the county. It was suggested something like a See/Click/Fix application. Kelly Hammer Levy said that there is data available on the threats but then it could run into HIPPA issues since it may be health related. An application could be done using a grid system or heat map so that it doesn’t pinpoint the specific area. eGIS will look into this. |
| Item #4 | Jeremy reminded the committee and attendees about the “show and tell” portion for the next meeting on August 2nd, 2017. If anyone is interested in presenting to please let him know. John Bennett suggested that it could be the end users of the applications giving the demonstrations or even tag teaming how different departments work together on using applications. |
| Item #5 | In the week of the last eGIS Steering Committee Meeting (2/23/2107), ESRI was here for the week taking pictures, shooting and doing interviews with different levels of staff, such as Commissioner Ken Welch, Public Works Manager Rahim Harji, Flood Plain Manager Lisa Foster and Traffic Specialist Casey Morse. ESRI released the video the day before the meeting so the video was shown to the Committee and attendees and was very well received. ESRI will be making this public within the next few weeks. [http://www.esri.com/videos/watch?channelid=UCJj203R9PeZn6wF_zYsp1SA&videoid=6JY2k-FR3-k&playlistid=PL1U1yQIvhnx8zgWVxiAiYyb16V1tGKFJn&title=esri-case-study-pinellas-county-florida](http://www.esri.com/videos/watch?channelid=UCJj203R9PeZn6wF_zYsp1SA&videoid=6JY2k-FR3-k&playlistid=PL1U1yQIvhnx8zgWVxiAiYyb16V1tGKFJn&title=esri-case-study-pinellas-county-florida) |

Adjournment

The meeting was adjourned at 3:15 pm by John Bennett.
Minutes

Slide Presentation

Enterprise GIS Steering Committee
May 17th, 2017

Approval of Minutes
February 23rd, 2017 Meeting

Vice-Chair Nomination

GIS Steering Committee Members
John Bennett – Chair
Vacant – Vice Chair
Paul Sacco – ACA
Jake Stowers – ACA
Marc Gillette – Supervisor of Elections
Jason Malpass – Sheriff
Mike Twitty – Property Appraiser
Kelli Levy – PW/Utilities/Solid Waste/Airport

“Show and Tell”

DRS Site Plan Viewer Application
Presented by Steve Clark

ESRI Conference

ESRI User Conference
San Diego, CA
July 10-14, 2017

ESRI Account Team Change

New Team:
- Al Fain – Account Manager
- Matt Stil – Technical Advisor
- Will Meyers – Solutions Engineer

Former Team:
- Adam Carnow – Account Manager
  New Role is now “GIS Evangelist”
- David Crosby – Technical Advisor
Minutes

New “GIS User” Laptop Specifications

Collaborative effort of BTS, ESRI, and HP
Will run ArcGIS Pro

Project Updates – UDAK

On Thursday, April 13th, we received news that the UDAK dataset was out of an acceptable range.

Harris confirmed bias attributed to flying the project with two different sensors after the failure of the initial sensor.

Significant effort was expended by Harris to correct the bias and find an acceptable range.

After Harris processing the entire dataset, QC revealed that problems still remained.

Harris indicated their willingness to do whatever was necessary to resolve this problem.

They indicated that the problems encountered in the 2016 flight have since been addressed in later projects with tightening of control.

Many added QC steps including pre-flight and post-flight, etc., later projects have all come in at or better than specification without fail.

Harris will re-fly the County as soon as possible.

More info and dates to come. Bryan and Penny are working with vendors.

eGIS Accomplishments
February 1st - April 30th 2017

Operational Support
Application Support
Database Support
CardDatabase Support
Data Entry/Load

New Requests

Map
Analysis
Projects
Requests for information

Unplanned Incidents

Break/fix

Project Updates – eGIS Pipeline

Completed since last meeting 2/23/2017:

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Project Updates – eGIS Pipeline

In Progress – 40% or more completed

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Project Updates – eGIS Pipeline

In Progress – 80% or less completed

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Project Updates – eGIS Pipeline

Overview of Major Project Initiatives

Next meeting = August 2nd, 2017

Call for GIS user community to share how you use GIS in your department at upcoming Steering Committee meetings

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

ESRI Video Highlighting Pinellas County

Thank you to everyone who made this a success!

Open Discussion