

# MINUTES

## eGIS Steering Committee

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*December 3, 2020*

*1:32pm – 2:40pm*

Facilitator – Jamie Munro, GIS Manager

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### In Attendance

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#### Committee Members:

#### **PRESENT**

**Mike Twitty** – Chair – Pinellas County Property Appraiser

**Jason Malpass** – Pinellas County Sheriff's Office

**Marc Gillette** – Supervisor of Elections

**Tom Almonte** – Pinellas County ACA (Building & Development Review Services, Office of Technology and Innovation, Planning)

**Lourdes Benedict** – Pinellas County ACA (Animal Services, Emergency Management, Human Services, Safety and Emergency Services)

**Bryan Zumwalt** – Vice Chair – Office of Technology and Innovation

#### Attendees:

Steven Alston – Office of Asset Management

Joe Borries – Emergency Management

Jeremy Capes – Utilities

Marcia Colby – Public Works

Belinda Huggins – Business Technology Services

Blake Lyon – Development Review Services

Caitlin Murphy – Planning

Jared Phillips – Public Works

April Rosier – Business Technology Services/eGIS

Penny Simone – Public Works

Jeremy Waugh – Office of Asset Management

Jared Austin – Planning

Thuyen Buendia – Business Technology Services/eGIS

Jason Clemis – Business Technology Services/eGIS

Allison Goldberg – Business Technology Services/eGIS

Josh Kirchmann – Solid Waste

Jamie Munro – Business Technology Services

Curt Nielsen – Pinellas County Property Appraiser

Jeff Rohrs – Business Technology Services

Daniela Sabillon – Public Works

Toni Smith – Business Technology Services/eGIS

David Wise – Supervisor of Elections

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## Agenda

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1. Call to Order
2. Welcome and Introductions
3. Citizens to be Heard
4. Approval of Minutes from the September 3<sup>rd</sup>, 2020 meeting
5. Working Group Presentation
  - a. Enterprise Asset Management – Voting Item
  - b. Project Dashboard Overview
    - i. Tropical Storm Eta
    - ii. Sheriff's office
    - iii. Flood Map Service Homepage
  - c. Enterprise Asset Management Update
  - d. Aerial Contract – Voting Item
  - e. 3D Building Update
6. Open Discussion
7. Next Meeting/Adjournment

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### Call to Order

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The virtual meeting was called to order at 1:32pm by Mike Twitty.

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### Citizens to be Heard

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The opportunity was offered for citizens to make comments. None were present.

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### Approval of Minutes

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Mike Twitty asked if there were any changes to the September 3<sup>rd</sup>, 2020 meeting minutes, none were noted. Bryan Zumwalt motioned to approve, Lourdes Benedict seconded, all in favor. Minutes approved.

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### Working Group Presentation

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#### Enterprise Asset Management – Voting Item

The Enterprise Asset Management project budget includes \$297k for the development of GIS maintenance tools. Currently the stakeholders are reviewing the scope of work for these tools and workflows which range from \$160k to \$200k, depending on the needs and wants from the county. This item was brought to this committee seeking approval to spend these monies. Bryan Zumwalt mentioned that these monies have already been allocated to be spent on these tools so there would be no need for an approval/vote by this committee. All committee members agreed on this but mentioned that it is fine to be informed of these matters.

#### Projects Dashboard Overview

Jamie Munro mentioned that the November eGIS Working Group meeting was cancelled due to Tropical Storm Eta so there were no departmental projects to be started at this time. The eGIS team has been focusing on updating many aspects of the GIS Infrastructure. These projects included ArcGIS Online HTTP to HTTPS which needed to be completed by December 8<sup>th</sup> per ESRI, as well as deprecating old servers, which is planned to be completed by the end of January 2021.

Lourdes Benedict asked if there were any projects on the pipeline that were urgent and needed to be started before then. Jamie Munro responded that the projects on the pipeline are ones that would be 40 hours or more effort and the working group hasn't put forth any on the list as being urgent. The eGIS team is completing projects that are under 40 hours as needed/requested.

Some of the work that was highlighted during the meeting were:

- Tropical Storm Eta – support with applications before/during/after the storm, as well as Damage Assessment reporting for the State by Emergency Management. Mike Twitty asked Joe Borries about the latest report data not showing any Madeira Beach damage. Joe Borries responded that he is working with the city to get their data into the data base in order to get it reported. The dashboard that is in the slide has recently been updated to remove the destroyed property and all the Inaccessible properties have been cleared. The state has asked for insurance info on these damaged properties and they are trying to work with Tax Collector on this data. Mike Twitty asked if any other jurisdictions had issues and Joe responded that all others have reported their damages. A Citizen Damage Assessment tool has also been used to collect additional information by allowing self-reporting of damage. This has provided good information and assisted with establishing high-water marks left by the storm. eGIS has worked with Emergency Management to create new views of the damaged parcels, along with Property Appraiser data, to help with reporting needs.
- Sheriff's Office – eGIS worked with the Sheriff's office and upgraded their GIS servers with ESRI Enterprise portal, which is more robust for security purposes. With this, eGIS also deprecated their Oracle database and moved it to SQL database. eGIS also improved the daily crime data processing for the Crime Viewer application by consolidating the process using FME software. Jason Malpass thanked the eGIS team for getting this completed.
- Flood Map Service Homepage – worked with Lisa Foster on repackaging the Flood Story Map into a more responsive application for the realtors.

### **Aerial Contract – Voting Item**

The existing aerial contract with Pictometry has been extended by one year. Approximately \$762k of \$984k has been spent. eGIS is currently working on a new aerial photography contract and has received two quotes, both for \$196k cost:

- 4" Oblique / 6" Ortho (with IR band)
- 2" Oblique / 4" Ortho (no IR Band)

It was asked from the committee to vote on which option to contract for. Bryan Zumwalt asked if there were any use cases for the IR (infrared) band or if anyone is using it? Jamie Munro responded that the only one he could think of would be Lisa Foster and hadn't reached out to her before this meeting. It was the consensus of the committee members that if there is no use for the IR band for the county then they would lean more for the higher resolution option. Penny Simone asked to make sure that in the deliverables that we receive includes tiled Mr SIDS (compressed file format for aeriels). Lourdes Benedict asked to make sure the contract delivers all that is needed by the enterprise. Bryan Zumwalt mentioned that deliverables may differ from Pictometry as to what is received from SWFWMD.

Motion: Bryan Zumwalt motioned for the committee to approve to have Jamie Munro negotiate with Pictometry to obtain all the deliverable needs up to the remaining budget.

Motioned seconded by: Tom Almonte

All in Favor

### **3D Building Update**

ESRI is finishing up the current 3D project and after some quality control on the areas it will hopefully be completed by the end of January 2021. The new contract is being finalized for the improvement on the footprints for the 2000-5000 square foot buildings which is for \$147,000 instead of the estimated \$135,000.

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## Open Discussion

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- Jason Malpass mentioned that the Sheriff's Office is looking into some new technology that would help field personnel (police, EMS, Fire, etc.) to listen into 911 calls. The technology is loosely coupled with GIS mapping in real time response using a secured web-based interface. This would enable those in the field closest to the call be able to respond more quickly. More meetings are scheduled in the weeks to come on this technology and GIS involvement.
- Jamie Munro mentioned that within the next two weeks eGIS will be having their annual meeting with ESRI and plan to use some of this time to meet with specific departments to help recommend more ways to help their needs.
  - Sheriff's Office
  - Property Appraiser's Office – Parcel Fabric
  - Department of Administrative Services – Indoors
  - Emergency Management
  - Planning – ArcUrban
- Mike Twitty wanted to remind eGIS on the 3D project that a maintenance plan needs to be addressed at some time.
- Tom Almonte mentioned that it had been decided that he would represent all ACA's on the committee from this point forward. Blake Lyon asked about how this affected the governance and Mike Twitty asked the committee members for their opinions on going from 7 members to 5. Jason Malpass and Bryan Zumwalt didn't have an issue with it.

Motion: Lourdes Benedict motioned for the committee to approve having the three committee members currently representing the Assistant County Administrators be combined into one and that committee member would be Tom Almonte.

Motioned seconded by: Jason Malpass

All in Favor

Jamie Munro will adjust the eGIS Steering Committee Governance document to reflect this change.
- Penny Simone asked if the Statewide Lidar was received and if it is available. Jamie Munro said he will need to check with Mike Dawson on this.
- Blake Lyon asked if the internal applications (such as DRS Front Counter and internal WebGIS) have the 2019 and 2020 aerial basemaps added. Jamie Munro responded that Mike Dawson has been working on creating these caches but ran out of space and requested for more. Once these are completed, they will be added to the application basemap gallery. Mike Twitty asked about their access and Jamie Munro mentioned that Curt Nielsen is already creating caches for Property Appraiser use.

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## Next Meeting/Adjournment

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The meetings for 2021 were set out and approved as follows and invites will be sent out:


- March 4<sup>th</sup>, 2021
- June 3<sup>rd</sup>, 2021
- September 2<sup>nd</sup>, 2021
- December 2<sup>nd</sup>, 2021

Bryan Zumwalt motioned for the meeting to be adjourned, Lourdes Benedict seconded, all in favor

The meeting adjourned at 2:40pm.

# Pinellas County Enterprise GIS

Steering Committee Meeting  
December 3<sup>rd</sup>, 2020

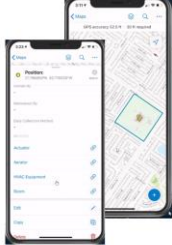


## Agenda

- Call to Order
- Welcome & Introductions
- Citizens to be Heard
- Approval of minutes from the September 3<sup>rd</sup>, 2020 Meeting
- Working Group Presentation
  - Enterprise Asset Management - **Voting Item**
  - Project Dashboard Overview
  - Enterprise Asset Management
  - Aerial Contract – **Voting Item**
  - 3D Building Update
- Open Discussion
- Next Meeting/Adjournment




## Enterprise Asset Management

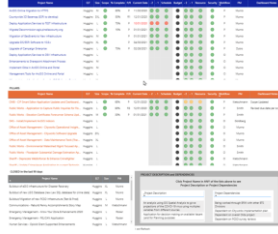


- EAM project budget includes \$297k for the development of GIS maintenance tools.
- EAM GIS stakeholders are reviewing SOW to development GIS edit workflows and tools. The SOW cost ranges from \$160k to \$200k depending on what the County would like to include.


**Voting Item:**  
Recommend EAM Program to spend portion of budgeted funds to develop GIS edit workflows and tools.





## GIS Project Dashboard




- Current eGIS Team Project Focus is on GIS Infrastructure Updates
- Highlight Work
  - Tropical Storm Eta
  - Sheriff Department
  - Flood Map Service Homepage




## GIS Project Highlights – Tropical Storm Eta

## GIS Project Highlights – Sheriff's Office



- New upgraded PCSO GIS servers with Esri Enterprise Portal
- Deprecated PCSO Oracle GIS database and move to SQL database
- Improved data processing using FME server



## GIS Project Highlights – Flood Map Service Homepage




- Various FEMA Maps
- Know Your Zone
- Real Estate Disclosure
- Storm Surge
- Sea Level Rise
- Floodplains
- Coastal Barrier Resource System
- Others...

<https://floodmaps.pinellascounty.org>




## Aerial Photography – Pictometry Contract



- eGIS will begin working on a new aerial photography contract.
- Existing contract has been extended by one year.
- Approximately \$762k of \$984k has been spent.
- Two quotes for services have been received. Both have \$196k cost

**Voting Item:**

1. 4" Oblique / 6" Ortho (with IR band)
2. 2" Oblique / 4" Ortho (no IR band)



### 3D Countywide Building Footprint Project



- Contract received to improve the base footprints for the 2000 – 5000 sq foot buildings.
- New contract cost is \$147,000 instead of the original \$135,000 estimate approved.
- BTS is working to get the new contract setup.

Current project is expected to wrap up in the next few months. The second project will enhance the deliverable from the first project.



### Open Discussion



### Next Meeting/Adjournment



#### Upcoming Meetings:

- March 4<sup>th</sup>, 2021
- June 3<sup>rd</sup>, 2021
- September 2<sup>nd</sup>, 2021
- December 2<sup>nd</sup>, 2021

(meetings to be sent out)

