eGIS Steering Committee
Meeting Minutes
October 2nd, 2025
1:30pm – 2:55pm
Facilitator – Jamie Munro, GIS Manager

In Attendance

Committee Members
Mike Twitty – Chair – Pinellas County Property Appraiser
Jason Malpass – Vice Chair - Pinellas County Sheriff's Office
Marc Gillette – Supervisor of Elections - ABSENT
Tom Almonte – Assistant County Administrator
Robert Mills – Office of Resiliency and Asset Management

Attendees - Internal

Steven Alston – Office of Asset Management
Emilly Baechle – Parks
Rodney Chatman – Forward Pinellas
Jason Clemis – Business Technology Services/EGIS
Kelly Dickie – Business Technology Services/eGIS
Lisa Foster – Public Works
Joseph Goodell – PCSO
Craig Harmak – Parks
Belinda Huggins – Business Technology Services
Sue Leverette – Office of Asset Management
Dayne Morris – Development Review Services
Gregg Obarski – Business Technology Services/eGIS
Eric Pieniak – Utilities
Allison Reinbolt – Business Technology Services/eGIS
Dapo Satiregun – Business Technology Services/eGIS
Toni Smith – Business Technology Services/eGIS
Scott Stillwell – Public Works

Smita Ambadi – Housing and Community Dev
Thuyen Buendia – Business Technology Services/eGIS
Carolyn Cheatham Rhodes – Public Works
Marcia Colby – Public Works
Renee Duffey – Emergency Management
Nicole Galasso – Forward Pinellas
Edin Grimaldo - Office of Asset Management
Michael Howsare – Development Review Services
April Klimkoski – Business Technology Services/eGIS
James McDermott – Construction and Property Mgmt
Jamie Munro - Business Technology Services/eGIS
Cathie Perkins – Emergency Management
Morgan Pyle – Safety & Emergency Services/911
Jared Ritch – Solid Waste
Alan Shellhorn – Housing and Community Dev
Jacob Stephen – Safety & Emergency Services/911
Wendy Taylor – Public Works

Attendees – External
Allison Bednar - TBRPC
Abbie Poag – City of Largo

Ashley Mott - TBRPC
Matt Smith – City of Tarpon Springs

Agenda

Call to Order

The meeting was called to order at 1:30pm by Mike Twitty. Mike mentioned this was the first meeting for 2025 and per guidelines there needs to be 2 meetings held a year. Next meeting will be in December.

Welcome and Introductions

No new introductions were needed.

Citizens to be Heard

No citizens were in attendance.

Approval of Minutes

Mike Twitty asked for motion to approve the minutes for the December 4th, 2024, meeting.
Motion to approve from Robert Mills, seconded by Jason Malpass, all in favor. Minutes approved.

Reengineering Pinellas GIS

User Licenses

Jamie Munro began the discussion that the new ESRI Contract went into effect late April 2025. With this new contract came new user types. eGIS worked the previous year with the department on allotting their users with the new user types and for any future growth. Jamie showed a slide that showed each of the new user types and their specific costs. The general trend that is occurring is that the headcount is right, we may need more elevated user types as departments need more software capabilities that come with the elevated user types. ESRI is also deprecating certain licenses and incorporating them into those elevated user types too. Jamie is anticipating an ESRI Contract amendment to address some of these user license changes. While networking with other organizations at the Esri User Conference this past summer, Jamie found some changes Esri has been incorporating into other contracts and will discuss incorporating some of those changes into the Pinellas contract during the amendment discussions. In particular, the "Esri Flex" option for license subscriptions. Prior to finalizing any contract amendment, the eGIS Team will be working to confirm all departments license needs.

Data Access

The eGIS Team has completed an automated workflow process to copy the Edit GIS database up to the ArcGIS Online Cloud. This new read only data source will replace the existing Publishing GIS database (which will eventually be deprecated). Users should be connecting their ArcGIS Pro Desktop applications and GIS Website applications to this new data source. This aligns with our SaaS approach and will eliminate the need for an entire SQL Server cluster.

Relationships and Data Sharing

The eGIS Team is currently setting up Partnered Collaboration, which will enable external agencies, such as municipalities, to have access to our ArcGIS Online and eventually our new data catalog. Municipalities can look to share their data back to the County in the same manner. The Partner Collaboration is a capability of the Esri ArcGIS Online system that leverages Groups functionality to manage the sharing and permissions. Mike Twitty asked if this could possibly pose any security challenges. Jamie answered with a yes, but that is worked out between the organizations as part of the Esri Partner Collaboration trust that would be setup between each organization. The Partner Collaboration facilitates the sharing of data that the organizations wish to share; sensitive data that should not be shared externally will continue to be locked down and only be available to appropriate internal users.

Application Delivery

With the deprecation of Web App Builder (WAB) platform in ArcGIS Online in early 2026, the eGIS Team is actively working on migrating those applications to the newer Instant Apps or Experience Builder platforms. These new applications will utilize the new data catalog of services recently setup in ArcGIS Online. Currently there is an active to migrate 70 plus applications that is planned to be completed by end of February 2026, if not sooner.

Desktop Delivery

The eGIS Team is in the planning stage of investigating Azure virtual desktops to deliver the ArcGIS Pro application. Depending on the user business case, this may provide better access to the GIS desktop software and may result in a better user experience too.

Server Infrastructure

BTS recently signed a new contract with HPE to implement an Azure Hybrid Cloud environment for all BTS servers. The eGIS Team is involved in the early planning discussions to move our 150+ GIS servers to a new Azure Hybrid Cloud environment. Eventually, our AWS servers will be migrated to the Azure Hybrid Cloud too.

Projects and Contracts

GIS Contracts

Nothing new with contracts needing attention. As mentioned before there will most likely be an ESRI Contract amendment as some point. There are the usual annual renewals for Eagleview, GeoJobe and FME. The Colliers & WGI Drone contracts were extended a year and will expire summer 2026. We are currently working to develop a new RFP for Drone services. Earlier this summer an RFI was put out for Drone workflow processes that could benefit damage assessment. Tom Almonte made the comment that it will be interested to learn about the drone technology and how it can align with our needs from the RFI. Jamie indicated that knowledge gained from that RFI will be incorporated into the Drone RFP that is being developed.

It was mentioned that preliminary data from the LiDAR project was received for the eGIS Team to review. Final delivery is not anticipated until April 2026.

GIS Budget

In previous years there was usually around $50,000 in the budget for ad hoc services, which have been spent on things such a conversation of older aerials, development of 3D building, and various GIS productivity tools. The budget no longer has that ad hoc service line item. The BTS budget does continue to include the annual aerial data collection, continued LiDAR collection, ESRI, Eagleview, GeoJobe and annual ESRI credits. What is does not include are additional ad hoc professional services or additional user software licensing. Jason Malpass asked a question concerning user licenses and the need of more and how that would work, stating that certain things that come up such as the open carry law, may change how they utilize Esri licenses. Jamie told Jason that the new Esri contract included Esri licenses for each Deputy so they should be good for now but that this can be discussed further. Eric Pieniak mentioned that they are starting to work more with field maps so some users will need the mobile user type instead of viewer. Jamie mentioned that this is where we will be working with the departments on their allotments. Also noted was that during a partial/full activation of the EOC, the County has access to unlimited Esri user account licensing as part of the "Surge" organization that is included in our Esri contract. The flexibility with the "Regular" user licenses for the departments was discuss and determined that if there are any changes needed, they should be address with the anticipated Esri contract amendment.

GIS Projects

The eGIS Team currently has 5 active projects, including KYZ enhancements and the Web App Builder Application migration. There are a few projects in the proposal state. The Forerunner Implementation for substantial damage/damage assessment was briefly discussed because it may fulfill a significant need during hurricane recovery. Currently the requirements are being developed to define the scope of that implementation project.

Department Demonstration – Forward Pinellas ArcGIS Urban

Nicole Galasso, Principal Planner for Forward Pinellas, demonstrated how their department worked with ESRI to leverage ArcGIS Urban as a tool to analyze and visualize hypothetical development scenarios. The project included two development sites, Indian Rocks Beach Proposed Mixed Use Regulations and North Greenwood CRS (Clearwater) Missing Middle/Mixed Use Overlay. By working with building regulations and loading them into ArcGIS Urban, Forward Pinellas was able to create scenarios with different implications. Nicole demonstration the ArcGIS Urban software and how they are utilizing it as well as using data from the ArcGIS Online Data Catalog. Mike Twitty asked Nicole what building layer is being used and she said the county 3D Building layer. Mike mentioned it looked more detailed than their 3D building from ESRI Canada. Nicole did state that there were some corrections to some building that needs to happen and eGIS, April Klimkoski, was able to perform this edit. Tom Almonte asked who could be the user of this software, could BDRS possibly use this for developmental review? Rodney Chatman said yes and that he can talk more about this with Tom.

ESRI User Conference Highlights

Jamie mentioned seeing sign a lot if innovation in the areas of GeoAI and AI Assistants at the Esri User conference in July. Also, there has been a lot of development with Esri working together with Microsoft to integrate GIS into the O365 platform.

Open Discussion

Mike Twitty thanked Nicole Galasso and Rodney Chatman for the great demonstration on ArcGIS Urban. Nicole thanked Mike on the great parcel base from the Property Appraisers office.

Upcoming Conference Events

A slide was shown on the upcoming conferences. Jamie pointed out the Nicole Galasso and Rodney Chatman would be presenting their ArcGIS Urban at the ESRI Planning Directors Summit at the end of the month. Nicole also mentioned that they were also on an ESRI Reinventing Planning Podcast recently.
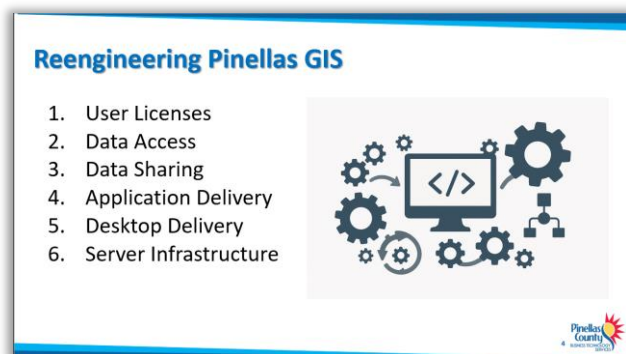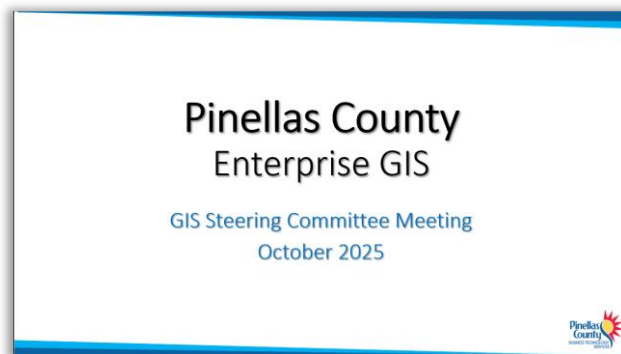
GIS User Groups

Jamie mentioned some of the other GIS User Groups, such as GEOFLO and Tampa Bay GIS Users Group.

Adjournment

Meeting adjourned at 2:55pm.

PowerPoint Presentation

Slide 1: 1. User License Types

Viewer
- Securely view maps app...
- Monitor dashboards

View your organization's m... dashboards to make better... key performance indicator... updates.

View system requirements
Learn more about Viewer

Qty - 1 +
$125/yr
Add to cart

Contributor
- Review and apply simple...
- Explore data and collabo...
- Leverage Microsoft and...

Collaborate on projects us... sources, including feature a... data-such as images and v... tabular data, architectural d... services, and more. Include... in the Viewer user type.

View system requirements
Learn more about Contrib...

Qty - 1 +
$250/yr
Add to cart

Mobile Worker
- Collect and update data...
- Securely receive work a...
- Navigate routes online o...

Obtain directions, commu... share locations using field... members, and content in... collaboration. Share map... public as part of your org... strategy. Create and mar... your mobile workforce.

View system requirements
Learn more about Mobile...

Qty - 1 +
$400/yr
Add to cart

Creator
- Create dynamic web m...
- Grant access and cont...
- Access ArcGIS Pro Bas...

Leverage essential capa... and manage data. Admi... members, and content to... collaboration. Establish s... data quality and reliability of inf... the organization. Includes every... Creator user type.

View system requirements
Learn more about Creat...

Qty - 1 +
$700/yr
Add to cart

Professional
- Perform advanced editing an...
- Implement automated data a...
- Access ArcGIS Pro Standard

Design and manage mission-cri... data quality and reliability of inf... the organization. Includes every... Creator user type.

View system requirements
Learn more about Professional

Qty - 1 +
$2,200/yr
Add to cart

Professional Plus
- Conduct advanced spatial analysis
- Perform end to end AI workflows
- Access ArcGIS Pro Advanced and key extension

Create production-ready cartographic maps and perform comprehensive analysis that scales to big data. Develop your own models or utilize pre-built machine learning and deep-learning models. Includes everything in the Professional user type.

View system requirements
Learn more about Professional Plus

Qty - 1 +
$4,200/yr
Add to cart

Slide 2: 1. User Licenses Continued

- IN PROCESS
- Validate User List
- Update/Add Users
- Used for Department Charge Backs (December Snapshot)
- **Esri Contract Amendment**

New User Type	Role
Viewer	Viewer
Viewer	Viewer
Professional Plus	Pinellas County Power User
Viewer	Viewer
Viewer	Viewer
Viewer	Viewer

Slide 3: 2. Data Access

- COMPLETE
- Deprecate pGIS
- **ArcGIS Online Data Catalog**
- New Source for Desktops & Applications

Slide 4: 3. Data Sharing

- IN PROGRESS
- **Partner Collaboration**
- County Share Esri Developed Publishing Tools
- Municipalities Benefit too!

Partnered collaboration: ArcGIS Online and ArcGIS Online

Distributed collaboration: ArcGIS Online and ArcGIS Enterprise or ArcGIS Enterprise and ArcGIS Enterprise

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Slide 5: 4. Application Delivery

- IN PROGRESS
- Deprecate All WebApp Builder
- **Road Ahead as Old Apps Break**
- Newer and Better Platforms...
- **Experience Builder**
- **Instant Apps**

Slide 6: 5. Desktop

- PLANNING
- Virtual Desktop / Applications
- Access Anywhere
- Better Performance
- **Hosted in Cloud by Azure**

Azure Virtual Desktop
Esri ArcGIS Pro

Slide 7: 6. Server Infrastructure

- PLANNING
- New BTS HPE Contract to Implement Azure Hybrid Cloud
- **GIS Infrastructure with HPE Hybrid Cloud is being Planned**

1. Integrating on-premises and cloud environments

Ensuring seamless interoperability of your on-premises and cloud environments starts in the planning stage. The choices you make early on will have a great impact on how your hybrid cloud ultimately works. That means it's critical to clarify your objectives for using a hybrid cloud architecture and identify what applications, data, services, and AI workloads will need to work together. You can employ many different integration strategies and tools to successfully integrate older and more modern technologies. Assess the requirements of your systems and choose the strategy that best meets your organization's needs.

To keep your integrated environments running smoothly, you can implement tools that allow you to monitor and manage your on-premises and cloud environments from a single interface. This will help you maintain visibility, troubleshoot problems, and optimize performance across your hybrid cloud.

Slide 8: Reengineering Pinellas GIS

1. User Licenses
2. Data Access
3. Data Sharing
4. Application Delivery
5. Desktop Delivery
6. Server Infrastructure

GIS Contracts

Vendor	Description	Term	Notes
Esri	Enterprise GIS software and support.	2025 – 2030	No cost amendment to cleanup user license details.
GPI with EagleView	Aerial photography collection and SaaS software.	2024 - 2029	
GeoJobe	GIS productivity tool for copying applications and data. Only used by BTS eGIS team.	Annual Renewal	
FME	Data tool for Export, Transform, Load (ETL) that specializes handling GIS information. Not just a GIS tool, this is also used as a general system integration platform for non-GIS applications.	Annual Renewal	
Colliers & WGI	Ad hoc drone services. All County departments have access to these services.	2020 - 2026	One year contract extension as new RFP released/awarded.
Request for Information	Process for automating hurricane damage workflows using Drone technologies.	NA	Reviewing 20+ RFI responses.

GIS Contracts Continued

- Aerial LiDAR Project Timeline

Deliverable	Due Date	Comments
Lot One (1) – Project Kickoff Meeting	-	Held 9/18/2024
Lot Two (2) – Lidar Data Acquisition Updates	02/28/2025	Weekly to be provided at commencement of data acquisition
Lot Three (3) – Lidar Data Acquisition	02/28/2025	Submit Acquisition Report via TOMIS
Lot Four (4) – Ground Control Surveys	02/28/2025	
Lot Five (5) – Vector Data Products	04/15/2025	Vector data shall be delivered per Section C.1.d. and J.4, no later than 2 weeks prior to Pilot Delivery.
Lot Six (6) – Project Pilot	04/29/2025	Pilot Data Delivery shall be delivered per Section C.1.d. and J.4.
Lot Seven (7) – Preliminary Data Delivery to USGS	08/27/2025	Preliminary Data Delivery shall be delivered per Section C.1.d to USGS NGTOC and 2 stakeholders. Data may be delivered incrementally.
Lot Eight (8) – Data Delivery	10/31/2025	Data Delivery shall be delivered per Section C.1.d incrementally following the Pilot.
Lot Nine (9) – Final Delivery to Partners	04/30/2026	Four (4) copies will be delivered per Section C.2.a.
Progress Reports		The contractor shall submit a monthly progress report for this task order in accordance with Contract clause GS0921 and GS0931.

GIS Budget

- BTS budget includes:
  - Annual Aerial data collection
  - Continued LiDAR data collection
    - Early 2026 Delivery
  - Esri, Pictometry (Eagle View), and Geo Jobe
  - Annual 200 Esri Credits
- BTS budget does not include:
  - Additional ad hoc professional services
  - Additional user licenses

GIS Projects

- Active GIS Projects
  - PCSO Infrastructure
  - Know Your Zone 2025 Enhancements
  - WebApp Builder Application Migration
  - Clearwater GIS Infrastructure
  - Cityworks Online
- Proposed Projects
  - Shared Municipal Data Viewer Updates
  - Forerunner Implementation (Substantial Damage)
  - 3GIS Upgrade (Fiber Map/Analysis Tool)

Agenda

- Call to Order
- Welcome & Introductions
- Citizens to be Heard
- Approval of minutes from the December 4, 2024 Meeting

- Reengineering Pinellas GIS
- GIS Budget
- Projects and Contracts
- Department Demonstration - Forward Pinellas ArcGIS Urban
- Esri User Conference Highlights
- Open Discussion
- Upcoming Meetings
- Adjournment

Demonstration – ArcGIS Urban

North Greenwood CRA (Clearwater)
Missing Middle/Mixed Use Overlay

Indian Rocks Beach (IRB)
Proposed Mixed Use Regulations

GOALS FOR THE IRB & NORTH GREENWOOD MODELS

Indian Rocks Beach (IRB)

- *Propose* zoning changes to **facilitate mixed use redevelopment** that achieves the community's goals, as defined in the 2020 Gulf Blvd Visioning Study

  ✓ Maintain community character

  ✓ Attract new businesses other than short-term vacation rentals

  ✓ Provide property owners with opportunity for multiple revenue-generating streams on a parcel

North Greenwood

- *Refine* proposed zoning changes to **ensure future development is compatible with the community's vision,** as defined in the 2023 North Greenwood Community Redevelopment Area (CRA) Plan

  ✓ Restore MLK Jr Avenue as a focal point for local businesses and community gathering

  ✓ Promote infill development of missing middle housing types in adjacent residential areas

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PROFESSIONAL OFFICE ZONING DISTRICT SCENARIO: 2113 GULF BLVD

Model Overview

Indian Rocks Beach (IRB)
Proposed Mixed Use Regulations

North Greenwood CRA (Clearwater)
Missing Middle/Mixed Use Overlay

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Esri User Conference Highlights

- Esri & Microsoft
- GeoAI and Assistants

Open Discussion

Upcoming Conference Events

- Cityworks Innovate User Conference
  - October 14 – 17, Salt Lake City, UT
- Esri Planning Directors Summit
  - October 27 – 28, 2025, West Palm Beach, FL
- Esri Infrastructure Management & GIS Conference
  - October 28 – 30, 2025, Palm Springs, CA
- Esri Developer Summit
  - March 10 – 13, 2026, Palm Springs, CA
- Esri Southeast User Conference
  - April TBD, Location TBD
  - 10 Complimentary Passes
- Esri Safety & Security Summit
  - July 11 – 15, 2026, San Diego, CA
- Esri User Conference
  - July 13 – 17, 2026, San Diego, CA
  - 25 Complimentary Passes

GIS User Groups

Next Meetings

Working Group Meetings:
- September 25, 2025
- October 30, 2025
- November 27, 2025 (Canceled)
- December 25, 2025 (Canceled)
- January 29, 2026
- February 26, 2026

Steering Committee Meetings:
- October 2, 2025 (Re-Scheduled)
- December 4, 2025
- March 5, 2026