

eGIS Steering Committee
Meeting Minutes
March 5th, 2026
1:30pm – 2:15pm
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
Tom Almonte – Assistant County Administrator
Robert Mills – Office of Resiliency and Asset Management

Attendees – Internal

Steven Alston – OFAM	Emilly Baechle – Parks
Adam Biernaski – Construction & Property Mgmt	Thuyen Buendia – Business Technology Services/EGIS
Tim Burns – Human Services	Carolyn Cheatham Rhodes – Public Works
Steve Clark – Business Technology Services/EGIS	Jason Clemis – Business Technology Services/EGIS
Marcia Colby – Public Works	Kelly Dickie – Business Technology Services/EGIS
Renee Duffey – Emergency Management	Nicole Galasso – Forward Pinellas
Edin Grimaldo – OFAM	Luke Hanley – Public Works
Craig Harmak – Parks	Michael Howsare – Building/Development Review
Belinda Huggins – Business Technology Services	April Klimkoski – Business Technology Services/EGIS
Sue Leverette – OFAM	James McDermott – Construction & Property Mgmt
Don Melone -	Jamie Munro – Business Technology Services/EGIS
Kaitlyn Nieman – Forward Pinellas	Gregg Obarski – Business Technology Services/EGIS
Kevin O'Hara – Supervisor of Elections	LeeAnna Pham - Utilities
Eric Pieniak – Utilities	Allison Reinbolt – Business Technology Services/EGIS
Jared Ritch – Solid Waste	Jeff Rohrs – Business Technology Services
Oladapo Satiregun – Business Technology Services/EGIS	Alan Shellhorn – Housing/Community Development
Toni Smith – Business Technology Services/EGIS	Bryan Zumwalt – Business Technology Services

Attendees – External

Allison Bednar - TBRPC
Matt Smith – Tarpon Springs

Agenda

1. Call to Order
2. Welcome and Introductions
3. Citizens to be Heard
4. Approval of Minutes from the December 2025, meeting
5. GIS Budget Discussion
6. Open Discussion
7. Upcoming Meetings
8. Adjournment

Call to Order

The meeting was called to order at 1:30pm by Mike Twitty, and all committee members were present.

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 18th, 2025, meeting.

Motion to approve by Jason Malpass and seconded by Marc Gillette, all in favor. Minutes approved.

GIS Budget Discussion

Mike Twitty began the discussion by talking about how the Enterprise GIS for the county has grown over the years and how everyone works well together and that in these tighter budget times we need to continue to have the same synergy and march to the same drummer.

Pinellas County Enterprise GIS History

Mike then introduced Bryan Zumalt, Chief Technology Officer, to give a bit of Enterprise GIS history.

June 22nd, 2010 – Enterprise GIS Steering Committee was created by Resolution No. 10-01 by the Business Technology Services Board. The purpose of the committee was to unify the skills, contracts and systems across the county for GIS services as a cost savings approach.

April 24th, 2012 – Pinellas County entered into their first Enterprise licensing agreement with ESRI for all GIS software and services to standardize on the ESRI platform.

2012 - 2016 – The foundation of Enterprise GIS was built. This involved the migration of data from the current Oracle Spatial platform (Munsys), shapefiles, etc., to the ESRI platform using the local government model. It gave the county a unified data set of all data from many different departments. From here, many applications were created using ESRI technology. Governance was also established during this time.

2016 – Pinellas County was awarded the ESRI Enterprise Award and recognized for their achievements and discipline at the ESRI User Conference as the top GIS Program.

2016 - 2019 – During this time is when the Enterprise Asset Management (EAM) and the County's first GIS-based asset management system (Cityworks) was implemented. These systems helped five departments (Public Works, Utilities, Solid Waste, Parks and Construction & Property Management) come together to unite all assets for the County. These systems use the GIS platform as their base.

2017 - 2018 – The first Countywide Geiger-mode LIDAR was completed for the County which gave greater than 20ppm resolution.

2019 - Present – During that past 5-6 years is when Enterprise GIS began to expand their web-based GIS capabilities and utilize the new ArcGIS Online/Enterprise features. It is also started integrating different systems that would depend on GIS core discipline, such as Cityworks, Accela, and SAP to name a few.

2024 – Creation of an interlocal agreement where the City of Clearwater partnered with Business Technology Services to host and manage the City's ArcGIS Enterprise infrastructure in AWS.

ESRI Advantage Program

With the ESRI contract, the county has access to an Esri Advantage Program. This program enables the Enterprise GIS with premium support on ticket issues with Esri products, 20 complimentary User Conferences registrations for the annual user conference in San Diego, 200 credits and an annual planning and work meeting. Enterprise GIS can use these 200 credits (which account for over 400 hours of ESRI services) to meet with ESRI subject matter experts on projects and for training. If needed, additional credits are available at a cost.

ESRI Professional Service Credits – Active Engagement

Currently Enterprise GIS is engaged with ESRI using credits for guidance for these projects:

- Web Application Builder Platform Deprecation - this application platform will no longer be available for use after Q2 of 2027. eGIS is currently working on project to migrate 80 plus applications to either InstantApps or Experience Builder.
- GIS UI/UX - to focus on the public user experience and improve websites. This may entail a name change in our URL.
- Data Publishing - continuation of enhancing the process of publishing data to the ArcGIS Online Saas.

ESRI Professional Service Credits - Proposed

Enterprise GIS is proposing work in specific areas including migration of our GIS infrastructure to Azure, enabling GIS AI capabilities, Crimeviewer Public Application replacement, SARCOP Platform for preparation for 2026 Hurricane season, implementing branch versioning and updating 3D building data with updated LIDAR data.

Other Work with Budget Impacts

Other work includes the elimination of a SQL server cluster by utilizing the ArcGIS Online data catalog, Entra implementation for our identity provider, Forerunner for improvements to our Substantial Damage workflows and Trimble Unity (Cityworks) upgrades for the Enterprise Asset Management System to improve SaaS version.

Bryan mentioned that there was a kickoff of the Forerunner project in the morning. Tom Almonte wanted to thank those that would be working on the Forerunner project for Substantial Damage, hoping that this will

streamline data processing and provide better access to information. For the 2024 Hurricane Season, ESRI provided much needed help (at a cost) to help with data workflows for Substantial Damage and it's anticipated implementing Forerunner will further improve those processes.

Ideas

Some of the ideas for the near future for Enterprise GIS include GraniteNet for Public Works, additional Flood Forecasting tools, Watch Center & ArcGIS Velocity for Dashboard and Notifications, ArcGIS Excalibur for Drone Video, Road and Highways for Public Works and Utility Networks for Utilities department. Some of these included projects included implementation and additional ongoing cost estimates.

James McDermott gave thanked Bryan for providing an overview of the history of how Pinellas County Enterprise GIS was created and thanked the group for how it continues to work well today.

Open Discussion

A slide was shown for Upcoming Conference Events including the ESRI Developer Summit next week and the ESRI Safety & Security Summit and User Conference in July. Unfortunately, ESRI has canceled the ESRI Southeast Conference slated for April.

Marc Gillette asked a question as to who is responsible for the prices for the ESRI projects, do they come out of the Business Technology Services budget or the department? Jamie responded that it would most likely be a mix of responsibilities and involve decision packages.

Eric Pieniak asked about the account allocations for Field Maps, especially offline abilities for Utilities. Jamie responded that we have allocations from departments and for now are good with account needs, but this could be affected by SARCOP, if accounts are needed there.

Jason Malpass shared quickly a PowerPoint of an Enterprise GIS Update from February 2010, when Enterprise GIS was being created. This PowerPoint is shared at the end of these meeting minutes.

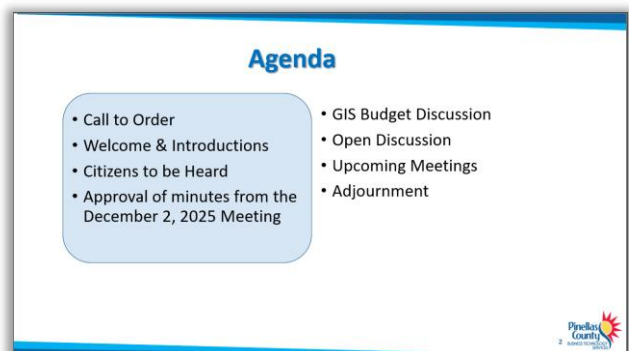
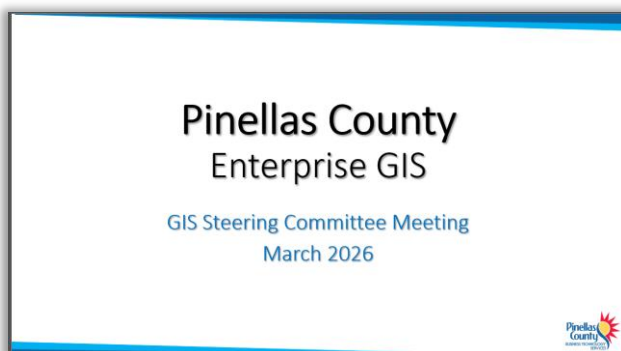
Upcoming Meetings

A slide was shown for the upcoming meetings. Next Steering Committee is June 4th, 2026.

Adjournment

Meeting adjourned at 2:15pm.

PowerPoint Presentation



Pinellas County Enterprise GIS History

- **June 22nd, 2010** – Creation of the Pinellas County Enterprise GIS Steering Committee approved by BTS Board
 - Purpose was to create a unified approach to spatial data management and create cost efficiencies by unifying skills, contracts and systems across the County for GIS services.
- **April 24th, 2012** – Pinellas County enters into first Enterprise licensing agreement with ESRI for GIS software and services



Pinellas County Enterprise GIS History

- **2012 – 2016** – Migration of data and applications from legacy GIS systems to ESRI (Building the foundation)
 - Oracle Spatial (Munsys)
 - Shapefiles
 - Google Maps / Keyhole
 - AutoCAD
 - Manual Digitization
- **2016** – Pinellas County awarded ESRI Enterprise Award and recognized at the ESRI User Conference as the top GIS program
- **2016 – 2019** – Implementation of Enterprise Asset Management (EAM) and the County's first GIS-based asset management system (Cityworks)



Pinellas County Enterprise GIS History

- **2017-2018** – Completed first Countywide Geiger-mode LIDAR survey at greater than 20ppm resolution.
- **2019 – Present** – Expansion of web-based GIS capabilities, utilization of new ArcGIS Online/Enterprise features, and integrations with County systems.



Pinellas County Enterprise GIS History

- **2024 – Present** – Partnered with City of Clearwater and created interlocal agreement to host and manage the city's ArcGIS Enterprise infrastructure in AWS.



Esri Advantage Program

- Premium Support
- 20 User Conference Registrations
- 200 Credits
- Annual Planning Meeting and Work Plan

Optional Unit-Priced Items	2025	2026	2027	2028	2029
Advantage Program with 100 Learning & Service Credits & 100 Technical Advisor Hours	\$113,900	\$119,400	\$125,200	\$131,300	\$137,800
Additional Learning & Service Credits (100)	\$71,800	\$75,300	\$79,000	\$82,900	\$87,000
Additional Learning & Service Credits (50)	\$35,900	\$37,650	\$39,500	\$41,450	\$43,500
Additional Technical Advisor Hours (100)	\$31,700	\$33,200	\$34,800	\$36,500	\$38,300



Esri Professional Service Credits – Active Engagement

- **Web Application Builder Platform Deprecation** – Q2 of 2027 these websites will no longer be accessible or functional. Experience Builder is the direct replacement but Instant Apps have also been leveraged as a replacement
- **GIS UI/UX** – Engaging Esri Professional Services to plan improvements to both internal and external GIS website sites. Mostly focused on the public user experience.
- **Data Publishing** – Enhancing the process of publishing data from our onsite databases to the ArcGIS Online SaaS.



Esri Professional Service Credits - Proposed

- Migration of our GIS infrastructure to Azure to improve server management and ability to scale infrastructure up/down as needed
- Additional ADA Website Accessibility Improvements
- Enabling GIS AI Capabilities
- Crimeviewer Public Website Replacement
- Search And Rescue Common Operating Platform (SARCOP) for our First Responders and Public Safety
- Setup Geolobe for improved backups for our online SaaS content
- Implementing Esri Branch Versioning which is a service oriented architecture to improve performance for desktop editing workflows, especially for remote users. Plus, it unlocks data validation functionality too.
- Updating our 3D building data using the updated LIDAR data



Other Work with Budget Impacts

- **ArcGIS Online Data Catalog** - Eliminating the pGIS SQL server cluster through the use of ArcGIS Online. This also promotes data collaboration with our municipalities
- **Entra Implementation** – The County is saving money by from Okta identity provider to Entra for our identity provider
- **Forerunner** – Improvements to Substantial Damage workflows and better public access to data - \$200,000 + \$105k/year
- **Trimble Unity** – Upgrades of the County Enterprise Asset Management System to an improved SaaS version



Ideas

1. Public Works leverage GraniteNet CCTV similar to Utilities to leverage integrations with both GIS and Enterprise Asset Management
2. Additional Flood Forecasting tools using the Esri platform - \$150,000
3. Watch Center & ArcGIS Velocity for Dashboard and Notifications - \$100,000 plus \$50,000/year
4. ArcGIS Excalibur for Drone Video - \$100,000
5. ArcGIS Developer License to Pilot Software - \$5,000/year
6. Esri Advantage Program for Forward Pinellas - \$119,400/year
7. Road and Highways for Public Works
8. Utility Network for the Utilities Department - \$150,000+



Open Discussion - Upcoming Conference Events

- **Cityworks Innovate User Conference**
 - October 14 – 17, 2025, Lake City, UT
- **Esri Planning Directors Summit**
 - October 22 – 26, 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 - Canceled**
 - April 18-20, 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



Open Discussion



Next Meetings



Working Group Meetings:

- February 26, 2026 (Canceled)
- March 26, 2026
- April 30, 2026
- May 28, 2026
- June 25, 2026
- July 30, 2026

Steering Committee Meetings:

- March 5, 2026
- June 4, 2026
- September 3, 2026
- December 3, 2026



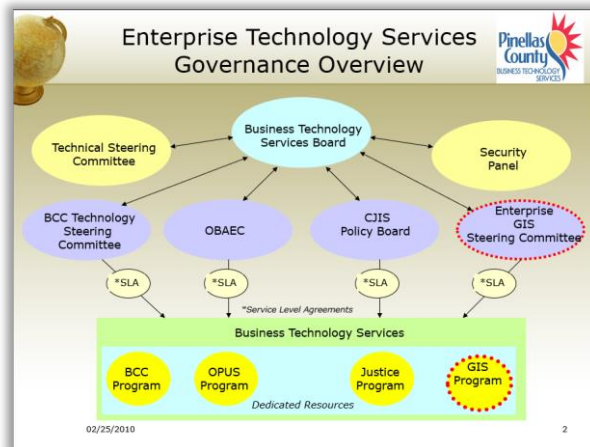
PowerPoint Presentation – Historic from 2010



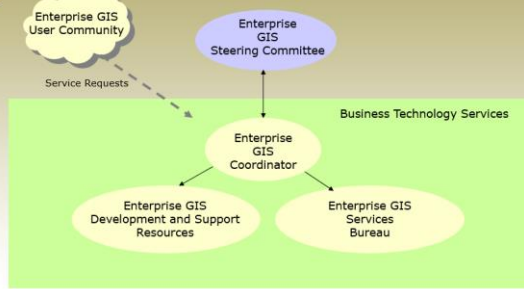


Enterprise GIS Update

David A. James
Deputy Director
Business Technology Services
25th February, 2010



Enterprise GIS Framework



02/25/2010

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Enterprise GIS Steering Committee

- **Executive Level Enterprise GIS Leadership Committee**
 - Reports to BTS Board
 - Senior Executive level members representing all key GIS stake holders.
 - Established through a formal inter local agreement.
 - Responsible for prioritizing ongoing GIS work priorities and service level agreements for Enterprise Data maintenance services etc.
 - Responsible for securing funding for GIS initiatives through established BCC budget processes and State and Federal grant programs where possible.
- **Enterprise GIS Coordinator**
 - Reports to Enterprise GIS Steering Committee.
 - Enterprise GIS "Thought Leader".
 - BTS administered position.
 - Responsible for the execution of prioritized GIS initiatives and GIS service level agreements as directed by the EGSC.
 - Supervises GIS Services Bureau staff.
 - Collaborates with BTS GIS Development resources.

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Enterprise GIS Services Bureau

- **GIS Specialists Team**
 - Responsible for maintaining critical Enterprise data in accordance with predefined service level agreements.
- **Sample Enterprise Data Sets:**
 - Road Centerlines
 - Parcels
 - Addresses
 - Zoning
 - Land use
 - Annexations
 - Emergency Management
 - Aerial Photographs
 - NPDES
 - TIF Districts
 - CIP Data
 - Navigations Zones
- Responsible for establishing and maintaining Enterprise GIS data standards.
- Available to support special analysis, research and reporting.
- Responsible for GIS user support and training
- Potential to also support Enterprise CADD users

02/25/2010

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Enterprise GIS Development and Support

- **BTS technologists focused on support and development activities as defined by GIS Steering Committee.**
 - Responsible for all GIS applications, internal and public for all GIS stake holders.
 - Responsible for all GIS application and database administration.
 - Includes all desktop, web and mobile GIS applications.
 - Potential to also support Enterprise CADD environment

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Next Steps

- Review proposals with key stake holders
- Establish Enterprise GIS Steering Committee
- Appoint GIS Coordinator
- Consolidate resources to form GIS Services Bureau and GIS Development & Support resource pool.

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