Minutes

Enterprise GIS Steering Committee		
11.29.2016	1:30pm – 2:25pm	Planning Large Conference Room
Chair	Pam Dubov, Property Appraiser's Office (PAO)	
Vice-Chair	John Bennett, Assistant County Administrator	
Attendees	<u>Voting Committee Members</u> Pam Dubov, Property Appraiser's Office PAO Marc Gillette, Supervisor of Elections (SOE) ABSENT Jake Stowers, Assistant County Administrator Paul Sacco, Assistant County Administrator John Bennett, Assistant County Administrator Jason Malpass, Pinellas County Sheriff's Office (PCSO) ABSENT Kelli Hammer Levy, Public Works/Utilities/Solid Waste/Airport Jill DeGood, Sheriff (for Jason Malpass) <u>Guests</u> Deborah Berry, JCS Bill Breckinridge, Public Works Jeremy Capes, Utilities Steve Clark, BTS Marcia Colby, BTS Sandra Cuddington, Forward Pinellas Kelly Dickie, BTS Jason Ester, County Attorney Greta Finney, BTS Tom Fredrick, BTS Randi Kim, Utilities Christy Kretschmann, BTS John Lemonias, Public Works Blake Lyon, Development Review Services Canaan McCaslin, County Administrator Office Linda Morrill, BTS Casey Morse, Public Works Curt Nielsen, PAO Jay Perkins, Utilities Susanna Rominger, BTS Martin Rose, BTS Keith Royster, Real Estate Mgmt Alan Shellhorn, Planning Penny Simone, Survey Toni Smith, BTS (Note taker) Mike Twitty, new Property Appraiser Dana Zordan, BTS Bryan Zumwalt, BTS		
Agenda	1. Call to Order 2. Approval of Minutes 3. Nomination of New eGIS Chair and Vote 4. Nomination of New eGIS Vice Chair and Vote 5. eGIS Recruitment Efforts 6. LIDAR Project Status Update 7. SWFWMD Ortho Aerial Initiative and Co-Funding – FY17 8. Pictometry – Notice to Proceed for Oblique Imagery Acquisition 9. AECOM – Historical Aerial Georeferencing Project 10. Accomplishments 11. Review of eGIS Pipeline/Backlog 12. Open Discussion		

Agenda Items

Call to Order	
Presenter	Pam Dubov
	The meeting was called to order at 1:30 pm.

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Approval of minutes from August 4th, 2016 meeting	
Presenter	Pam Dubov
Discussion	It was asked by Pam if there were any changes to the August 4th, 2016 meeting minutes, none were noted.
Conclusions	John Bennett motioned to approve, Jake Stowers seconded, all in favor. Minutes approved.

Special Presentation	
Presenter	Bryan Zumwalt
	With Pam Dubov retiring from the county in January 2017, Bryan presented her with a gift which stated "For your leadership and vision for Enterprise GIS in Pinellas County, the GIS Community and BTS thank you for your service, support and dedication!" Pam responded with appreciation and stated that she is proud of what has been accomplished within the past 5 years, especially with the working group participants that have worked together to get things done on the Steering Committee's behalf.

Nomination of New eGIS Chair and Vote	
Presenter	Bryan Zumwalt
Discussion	It was asked of the committee for a nomination for a new eGIS Steering Committee Chair. Jake Stowers nominated John Bennett, with a second from Paul Sacco. A vote was taken and all were in favor. John Bennett accepted and appreciated the vote. He thanked Pam for her commitment to GIS and mentioned how he would like to continue the brokerage of services and will do his best to help work with the committee on balancing projects in the future. Congratulations John Bennett on becoming the new eGIS Steering Committee Chair.

Nomination of New eGIS Vice Chair and Vote	
Presenter	Bryan Zumwalt
Discussion	With John Bennett becoming the Chair of the eGIS Steering Committee, it was asked of the committee for a nomination for a new Vice Chair. Randi Kim nominated Bill Breckinridge, Assistant County Administrator, with a second from Jake Stowers. A vote was taken and all were in favor. Bill Breckinridge accepted the vote. Congratulations Bill Breckinridge on becoming the new eGIS Steering Committee Vice Chair, and welcome!
	Pam wanted to take the opportunity to introduce the new incoming Property Appraiser to the group, Mike Twitty. She mentioned that as he gets acclimated to his new position in the county, he will partake more in the eGIS Steering Committee Meetings.

eGIS Recruitment Efforts	
Presenter	Bryan Zumwalt
Discussion	With Bryan stepping down as GIS Manager and moving into the GIS Solutions Architect role, BTS is currently looking for a new GIS Manager. It is the desire of BTS to split out some of the current roles of the GIS Manager between the Architect and GIS Manager. Tom Fredrick mentioned that there were 40 candidates for the GIS Manager job. That has been narrowed down to 10 and telephone interviews are in the process in order to get it down to 3 to where the eGIS team will be able to interview and some of the eGIS Steering Committee members as well. The hope is to have a new manager in place by the first of the year. Pam reminded Tom that if 2 members of the committee are in one room it is considered a public meeting and advised to have individual meetings if necessary.
	Pam also stated that as she understands Bryan skillset is more on the technical end of GIS, she wanted him to know that he was the right fit for the GIS Manager job and to not underestimate his ability as manager. John Bennett added that he was happy that Bryan did decide to stay with the county.

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LIDAR Project Status Update

Presenter	Bryan Zumwalt
Discussion	Bryan updated the committee that the raw point file data has been promised to be delivered next Friday (12/9/2016). This will allow use of the data for those projects and applications that have been waiting. The derivative products are scheduled to be delivered by the end of the year. Once eGIS has received the raw files, the working group will be notified.

SWFWMD Ortho Aerial Initiative and Co-Funding – FY 17

Presenter	Bryan Zumwalt
Discussion	eGIS has partnered with SWFWMD for ortho aerials for 2017. They have ranked their vendors and are currently in negotiations with Surdex to fly the aerials sometime the first week of January 2017. Bryan is working with Al Karlin from SWFWMD on this. Pam mentioned that SWFWMD covers 15 or so counties in Florida and whereas in the statutes it states that the Property Appraiser is responsible for the aerials, most have partnered up with SWFWMD in this respect. It was also mentioned that they are doing the same in FY 18 and that will be looked into also.

Pictometry – Notice to Proceed for Oblique Imagery Acquisition

Presenter	Bryan Zumwalt
Discussion	In light of the SWFWMD partnership for the ortho aerials, eGIS has worked with Pictometry to fly oblique imagery in 2017, even though BTS only has these flights budgeted every two years. BTS will keep this going as long as the budget permits. A purchase order has been made for these for 2017 and eGIS is working with Pictometry to try to coincide the flight within the same timeframe as the orthos.

AECOM – Historical Aerial Georeferencing Project

Presenter	Bryan Zumwalt
Discussion	eGIS worked with Public Works to contract AECOM to help modernize (georeference) historic imagery datasets that are in the county. With this first phase of the project, from 1997 to the 1980's and some of the 1970's are involved. These will eventually be added to the AIRS application, which has aerials from 1997 to present. Pam mentioned that aerials play a major part in property assessment as well as public records request for disputes. John Bennett asked if there was an interface in which the aerials can overlay from year to year. Bryan mentioned that right now in the AIRS application there is a swipe tool. Pam also mentioned that Orange County has a tool that uses a slide bar that will show the year progression. eGIS will look into this.

Accomplishments

Presenter	Bryan Zumwalt
Discussion	Some of the accomplishments from the year were mentioned such as migration of all legacy data (including Utilities), new focused applications, upgraded 911 geocoders, damage assessment training and support, and collector applications for various departments.
	Bryan also mentioned that as of noon (11/29/2016) the MapGuide applications have been redirected to the new ESRI viewers. The retirement of the legacy applications was scheduled for the end of the year but because of an update of Java on 11/28/2016 by BTS, this latest version is not compatible with the remaining legacy MapGuide applications, therefore both WebGI and PCUGIS (legacy versions) are no longer functional. Those that are having issues or have questions concerning the new applications are to call the BTS Operations Center at 453-HELP.
	Jill DeGood mentioned that the Sheriff's ACISS program still hasn't been converted to the new geocoders. Bryan stated that the Sheriff's server is not affected.

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Review of eGIS Pipeline/Backlog	
Presenter	Bryan Zumwalt
Discussion	A copy of the BTS Pipeline for eGIS projects was handed out during the meeting for those to review. The projects are prioritized by number starting with 1000 and any priority number with 9999 are projects that have been completed. Bryan stated that from now until the end of the year the eGIS team is going to work to complete some of the projects on the pipeline that are currently in progress. After the new year the pipeline will be adjusted and reprioritized with the help of the working group.
	One thing that was mentioned is that there are a few projects on the list that are part of the Enterprise Asset Management project, such as help with the data collection of Solid Waste and Parks, which are currently being worked on with the departments.
	Kelly Hammer Levy mentioned that they worked with HARPS recently that did a data collection effort of assets on the trails that could include data for Parks. She mentioned that Steve Harper in Parks didn't know about the HARPS effort until a few weeks ago so this may help his effort.
	Randi Kim asked about the Utilities Data Base Clean-up and why that had a completion date of 4QTRFY18. Bryan mentioned that when the migration of the Utility data was done there were many things that are now being identified and will need some clean up. eGIS has been working with Jeremy Capes and Jay Perkins on how this clean-up effort is to go forward.
	Randi Kim also asked if the Waste Water/Stormwater Countywide Task Force should become a project on the list, whereas to try and gain the infrastructure to other cities into the eGIS database. It was discussed as if this is an eGIS effort or a consultant effort. Kelly Hammer Levy mentioned that this task was part of the Vulnerability Assessment project and is written into the scope, that a consultant could be used instead of the county resources. Randi asked about the difficulty in doing this and Bryan answered that not all municipalities are working with the same data model so it makes it difficult and time consuming. Pam mentioned to be mindful to call in the need of political power to be able to work together, cities may need to be reminded of the bigger picture.

Open Discussion/Adjournment	
Item #1	Decision needed to be made on when to hold the quarterly meetings for 2017. It was decided by the group that the first meeting of the year should be held sometime in February for budgeting purposes. Blake Lyon asked if the new priority pipeline list could be sent out to the departments in January to work into their budgets if needed.
Item #2	Marty Rose wanted to thank Pam for her service on the eGIS Steering Committee and the BTS Board. He also wanted to present to the committee an opportunity from ESRI. The county has been asked to be part of a promotional video to show how the county has and is working with the ESRI platform. Marty has brought this to the BTS Board Chair and the County Attorney and they have no issues with this as long as it isn't endorsing any products but promoting the Pinellas County area. Pam said that it is great to be singled out by ESRI and a great opportunity but that she was not wanting to be in the video. John Bennett asked about the timeline and if we, the county, would have final editing rights to the video. Pam asked Marty if he was seeking approval from the eGIS Steering Committee to move forward and he said yes. It was motioned by John Bennett for approval, but with the certain caveats to protect the county, which should be vetted through the County Attorney (Jason Ester). Jake Stowers seconded, all in favor. Motion was approved to move forward with ESRI on a promotional video, with caveats.
Adjournment	The meeting was motioned to be adjourned at 2:25 pm by Pam Dubov.

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Enterprise GIS Steering Committee
November 29th, 2016

Approval of Minutes

August 4th, 2016 Meeting

A Special Thank You . . .

Pam Dubov

For your leadership and vision for Enterprise GIS in Pinellas County, the GIS Community and BTS thank you for your service, support and dedication!

We wish you nothing but the best as you continue your tireless service to our community.

Nomination of eGIS Chairman and Vote

4.3 Chair and Secretary
The Executive Committee will nominate and vote on a Chair from the Executive Committee. The Chair will preside over the Committee sessions and is a voting member. The Chair will also secure a Secretary to prepare agendas, record meeting minutes and publish them to the SharePoint site located at http://pinellas.sharepointsite.net/egis/default.aspx.

Nomination of eGIS Vice-Chairman (if required)

eGIS Recruitment Efforts

BTS currently recruiting for GIS Manager

Current Role(s) of GIS Manager:

– Technical Leadership/Visioning
– Project Management
– Governance (Working Group/Steering Committee)
– Customer Relationship Management
– Vendor Management
– GIS "Evangelist"

– BTS divesting some of these roles for the long-term health and sustainability of eGIS.
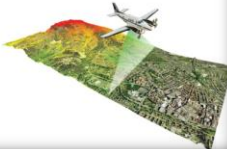
Bryan Zumwalt will serve as GIS Architect (technical/mentoring role) once new Manager has been selected.

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Project Updates – LIDAR

- Ground control points have been verified for LIDAR acquisition project and data currently being recalibrated by Harris Corp.
- Estimated project schedule:

Delivery of raw LIDAR Point Cloud files – Last week in November
Delivery of derivative products – December 31st, 2016

Project Updates – SWFWMD Aerials/CFI

eGIS has opted to partner with SWFWMD in FY17 and co-fund their ortho imagery acquisition.

Southwest Florida Water Management District has qualified and ranked their Aerial Vendors for the FY17 flights:

1.) Woolpert
2.) Surdex
3.) Quantam Spatial

Negotiations with top-ranked vendors are ongoing. eGIS will work with SWFWMD on flight and delivery schedule once final contract negotiated with qualified vendor.
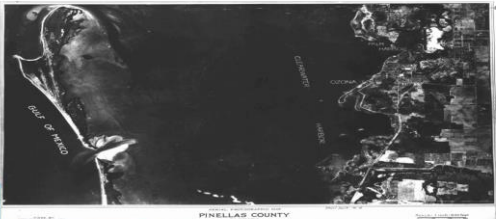

Pictometry FY17 Services

- BTS has contract in place with Pictometry through 2020 to provide aerial data acquisition services (with annual options)
- eGIS/BTS has budgeted for ortho/oblique services once every two years
- In light of SWFWMD partnership, budget will accommodate a FY17 oblique imagery product from Pictometry
- eGIS will need to give Pictometry notice to proceed to set up flight schedule for January 2017

Historical Imagery Georeferencing

- Currently have task order for AECOM to modernize our historic imagery datasets
- Final delivery will be georeferenced historic aerials photgraphy for use with our County GIS applications:

Project Updates – eGIS Pipeline

FY16 –Major Project Highlights/Accomplishments

- Completed migration of all Legacy GIS data from Munsys to ESRI
- Created new Countywide and Focused GIS Applications for various County departments
- Upgraded 911 Geocoders to the ESRI platform
- Provided Damage Assessment training to all participating departments and municipalities
- Launched enhanced CrimeFighter application to support Sheriff's Intelligence Led Policing initiative
- Created mobile ArcGIS Collector applications for various Public Works initiatives including Stormwater Management, Sign Inventory, Tree Inventory and Outfall Inspections
- Completed migration of all Utilities data to ESRI including water, sewer and reclaimed infrastructure
- Completed Penny for Pinellas public application highlighting various Penny-funded CIP projects (incorporated and unincorporated)

Open Discussion

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BTS Pipeline for eGIS Projects

Project Name	Priority	BTS Target Date	Primary Manager	Resource	Ticket Number
GIS - eGIS Integration with Agile Assets	1001	1QTRFY2017	Bryan Zumwalt		
Sheriff's Office - Intelligence Led Policing	1002	4QTRFY2017	Bryan Zumwalt		R657537
GIS - Penny for Pinellas StoryMap Journal	1003	1QTRFY2017	Bryan Zumwalt		R653809
LIDAR	1004	2QTRFY2016	Bryan Zumwalt		
GIS - Utilities Database Cleanup	1005	4QTRFY2018	Bryan Zumwalt		
GIS - Solid Waste EAM Data Collection	1006	3QTRFY2017	Bryan Zumwalt		R657512
GIS - Parks EAM Data Collection	1007	3QTRFY2017	Bryan Zumwalt		R657515
GIS - BDRS Site Plan Status Viewer	1008	1QTRFY2017	Bryan Zumwalt		R625504 - R657511
GIS - 911 Site Address Point Aliasing	1009	1QTRFY2017	Bryan Zumwalt		R652852
GIS - 911 Failover Geocoding Service	1010	1QTRFY2017	Bryan Zumwalt		R657530
GIS - Handrail/Guardrail ArcGIS Collector Application	1011	1QTRFY2017	Bryan Zumwalt		R657519
GIS - Sheriff Outstanding Warrants Viewer	1012	1QTRFY2017	Bryan Zumwalt		R657528
Human Services Data Migration and Public Viewer	1013	1QTRFY2017	Bryan Zumwalt		R657526
Know Your Zone Re-Write	1014	3QTRFY2017	Bryan Zumwalt		
GIS - SAP/Maximo Service Connection Replication to eGIS	1015	1QTRFY2017	Bryan Zumwalt		
GIS - Hydrant Maintenance GIS Viewer	1016	1QTRFY2017	Bryan Zumwalt		R657510
GIS - CIP Map Book Quarterly Report	1017	1QTRFY2017	Bryan Zumwalt		R639366
GIS - Elevation Certificate Integration with FEMA Flood Maps	1018	1QTRFY2017	Bryan Zumwalt		
GIS - Sidewalk Inventory ArcGIS Tools	1019	1QTRFY2017	Bryan Zumwalt		
GIS - Blue Sky Road Closure Application/Mapping	1020	1QTRFY2017	Bryan Zumwalt		R654266
GIS - FEMA Flood Services Enhancement/StoryMap	1021	1QTRFY2017	Bryan Zumwalt		R653814
GIS - SCADA/GIS Integration	1022	1QTRFY2017	Bryan Zumwalt		
GIS - Initial/Detailed Damage Assessment Reporting	1023	3QTRFY2017	Bryan Zumwalt		
GIS - Economic Development Viewer	1024	2QTRFY2017	Bryan Zumwalt		R657514
GIS - Stormwater Model Network Connectivity	1025	1QTRFY2017	Bryan Zumwalt		
GIS - REM Asset Data Mapping	1026	1QTRFY2017	Bryan Zumwalt		R648926
GIS - Automatic Meter Reading Web Map	1027	1QTRFY2017	Bryan Zumwalt		
GIS - MPO Map Template Development	1028	1QTRFY2017	Bryan Zumwalt		R645364
GIS - Planning Focused Application	1029	1QTRFY2017	Bryan Zumwalt		
GIS - Road Centerline Cleanup/Research	1030	2QTRFY2017	Bryan Zumwalt		R647599
GIS -Enforcer Crash Data Integration	1031	1QTRFY2017	Bryan Zumwalt		
GIS - CityEngine 3D GIS Modeling	1032	3QTRFY2017	Bryan Zumwalt		
GIS - WebEnforcer Security Integration	1033	1QTRFY2017	Bryan Zumwalt		R657531
GIS - Sea Level Rise Vulnerability Study (RESTORE Act)	1034	2QTRFY2017	Bryan Zumwalt		
GIS - Fats/Oils/Grease Geoforms Application	1035	1QTRFY2017	Bryan Zumwalt		
GIS - Streetlight District Tax Roll Automation	1036	1QTRFY2017	Bryan Zumwalt		
GIS - Stormwater Manual Public StoryMap GIS Website	1037	2QTRFY2017	Bryan Zumwalt		
GIS - WebEOC Integration with ArcGIS Server	1038	2QTRFY2017	Bryan Zumwalt		
GIS - Emergency Management GIS Operations Dashboards	1039	3QTRFY2017	Bryan Zumwalt		
GIS - Public Works Mowing Inventory	1040	3QTRFY2017	Bryan Zumwalt		
eGIS Rollout Release 2015 R2	9999	[TBD]	Bryan Zumwalt		
GIS - Damage Assessment GeoEvents Post-Processing	9999	2QTRFY2016	Bryan Zumwalt		
GIS - Public Notification Application	9999	1QTRFY2016	Bryan Zumwalt		
GIS - Tree Inventory Field Data Collection (ArcGIS Collector)	9999	1QTRFY2016	Bryan Zumwalt		
GIS - PCUGIS Offline ArcReader Application	9999	1QTRFY2017	Bryan Zumwalt		
GIS - Capital Improvement Program Project Mapping	9999	1QTRFY2017	Bryan Zumwalt		
GIS - Stormwater Data Model and ESRI Collector Application	9999	1QTRFY2017	Bryan Zumwalt		
GIS - ITS/Traffic ESRI Training	9999	2QTRFY2016	Bryan Zumwalt		
GIS - Road Jurisdiction/Maintenance Boundary Data Migration	9999	2QTRFY2016	Bryan Zumwalt		
GIS - Street Sweeping Route Mapping	9999	1QTRFY2017	Bryan Zumwalt		
GIS - Future Land Use/Zoning Clean Up	9999	1QTRFY2017	Bryan Zumwalt		
GIS - BDRS Front Counter GIS	9999	1QTRFY2017	Bryan Zumwalt		
GIS - WebGIS/PCUGIS Training	9999	1QTRFY2017	Bryan Zumwalt		
GIS - Field EOC Operations Viewer	9999	1QTRFY2017	Bryan Zumwalt		
GIS - Crimeviewer Application/Crime Category Updates	9999	1QTRFY2017	Bryan Zumwalt		
GIS - Synovia AVL Real-Time Fleet Integration	9999	2QTRFY2017	Bryan Zumwalt		
GIS - ITS Devices ArcGIS Collector Application	9999	1QTRFY2017	Bryan Zumwalt		