MINUTES
eGIS Steering Committee

October 29, 2019
1:30pm – 3:10pm
Facilitator — Jamie Munro, GIS Manager

In Attendance

Committee Members:

PRESENT
Mike Twitty — Chair – Pinellas County Property Appraiser
Rahim Harji — Vice Chair – Pinellas County ACA (Parks & Conservation Resources, Public Works, Solid Waste, Utilities, Office of Asset Management)

ABSENT
Jason Malpass — Pinellas County Sheriff Office
Paul Sacco — Pinellas County Solid Waste
Lourdes Benedict — Pinellas County ACA (Animal Services, Emergency Management, Human Services, Safety and Emergency Services)
Megan Ross — Pinellas County Utilities Director
Marc Gillette — Supervisor of Elections
Jake Stowers — Pinellas County ACA (Airport, Building Services, Development Review Services, Economic Development, Planning)

Attendees:
Tom Almonte — Pinellas County ACA
Jared Austin — Forward Pinellas
Joe Borries — Emergency Management
Mary Celeste — Risk Management
Jason Clemis — Business Technology Services — eGIS
Rick Cody — Safety & Emergency Services/911
Mike Dawson — Business Technology Services — eGIS
Michael Erickson — Safety & Emergency Services/911
Allison Goldberg — Business Technology Services — eGIS
Elizabeth Harper — Utilities
Belinda Huggins — Business Technology Services
Joel Kelsey — Utilities
Christy Kretschmann — Business Technology Services — eGIS
Tom Lancto — Pinellas County Sheriff’s Office (proxy for Jason Malpass)
Blake Lyon — Development Review Services (proxy for Jake Stowers)
Jamie Munro — Business Technology Services — eGIS
Curt Nielsen — Property Appraiser
Gregg Obarski — Business Technology Services — eGIS
Cathy Perkins — Emergency Management
Jared Phillips — Public Works
Morgan Pyle — Safety & Emergency Services/911
Jeff Rohrs — Business Technology Services
April Rosier — Business Technology Services — eGIS
Alan Shellhorn — Planning
Agenda

1. Call to Order
2. Welcome and Introductions
3. Approval of Minutes from the March 28, 2019 meeting
4. eGIS Team Changes
5. eGIS Steering Committee Governance
6. Amendment to Section 119.071 Florida Statutes – Public Records
7. Infrastructure Overhaul
8. Oracle to SQL Migration
9. EAM Project Updates
10. Esri Annual Planning Meeting
11. Esri Conference Planning
12. Project Round Table Discussion
13. Next Meeting

Call to Order

The meeting was called to order at 1:35pm by Mike Twitty and attendees were introduced.

Approval of Minutes

Mike Twitty asked if there were any changes to the March 28, 2019 meeting minutes, none were noted. Rahim Harji motioned to approve, Blake Lyon seconded, all in favor. Minutes approved.

eGIS Team Changes

Jamie Munro has assumed the position of GIS Manager as Jeremy Capes has taken a position in Utilities. Allison Goldberg comes to the eGIS Team from Southern Florida, she attended University of Florida and will be a good addition to our team.

Jamie introduced April Rosier, Christy Kretschmann, Toni Smith and Allison Goldberg as main points of contact or Business Relationship Managers (BRM) for the eGIS team. Jamie will be in contact with county departments with information about who their BRM will be and to set up meetings. The intent is for the BRM to be the point of contact for any information or support.

eGIS Steering Committee Governance

eGIS Strategic Plan Update

There is quite a bit of documentation around the governance of eGIS, such as Operating Guidelines, Service Level Agreements (SLA) and the eGIS Strategic Plan. The current documents will need to be reviewed and updated within the next couple months. Potential individual meetings will be scheduled to discuss any future updates and how they will be managed, as in the past they were very fluid. There was also a discussion about the chairperson rotation and when that would occur. Mike Twitty requested the 2016 document for review. Rahim Harji suggested offline meetings to determine what kind of information needs to be in the document(s) and to run it by the Executive Leadership Team (ELT) for their approval.
Amendment to Section 119.071 Florida Statutes – Public Records

Mike Twitty discussed the Amendment and apologized to the eGIS team for how much the changes affected the eGIS environment. He was not clear on the flow of the data and how this change was going to be managed. We are ahead of almost every county in the state due to how fast we acted on the changes. This originated with the Pasco County Sheriff, who was concerned about how their Clerk of Courts was handling protected addresses. Our Clerk determined that we were processing information the same way. The new Amendment changes the definition of “home address”, to now also mean latitude/longitude, subdivision, Parcel Identification Number (PIN), anything identifiable of the parcel, all of which needs to vanish from the public record. The legislature has required the property owner to fill out a notarized release stating who the information should be released to. Pinellas County had about 3,000 protected addresses prior to the legislation being passed. After receiving notification of this change, a number of them removed their address protection. Sales information is still available related to protected addresses, but no link for the deed is available. If further information is needed, please contact Curt Nielsen in the Property Appraiser’s Office. Bryan Zumwalt asked what kind of information is available for these protected addresses, Curt stated there is no geometry about the parcel. Bryan said regardless of redaction, especially in Accela, the information needs to be available. Curt mentioned there could be a Memorandum of Understanding (MOU) between the Property Appraiser’s Office and eGIS on how to use the data. Blake Lyon asked about how these parcels are viewed, and Curt replied if you use Property Appraiser’s cached tiles, it will appear seamless, however if you use a different basemap, it is more obvious. Rahim Harji asked if it’s clear if the layers are differentiated, within the eGIS database they are clearly notated. Bryan suggested taking the conversation offline to determine if proper procedures are being following for redaction.

Infrastructure Overhaul

Mike Dawson discussed the completed infrastructure updates such as new Windows 2016 servers, 10.6.1 updates for Esri software on servers and 10.6.1 for all ArcGIS Desktop uses. The migration from Pinellas.org to Pinellas.gov is almost complete, with all internal applications completed, some external applications are remaining. There is a redirect link on any applications that are not currently migrated. eGIS is also working on our internal Test and Development environments and are working with Esri to develop proper governance about when to promote Development to Test to Production or when to work directly on Production.

Oracle to SQL Migration

Jason Clemis stated the Oracle to SQL effort was a great team effort and successfully met all deadlines for completion. Along with infrastructure improvement, we were able to create new environments, accommodate Enterprise Asset Management (EAM)/CityWorks and recreated nightly to run more efficiently. Thousands of schema changes, all current applications needed to be remapped to the new database and tested. Jamie said the whole eGIS team pulled together with a lot of organization from Jason to complete the project. A few Crime/Law databases are still lingering but we hope to have those migrated by the end of the year.

EAM Project Updates

Jamie Munro mentioned the Enterprise Asset Management (EAM) project was broken into 2 different tracks. Track 1 was Public Works, who went live earlier this summer. The EAM application CityWorks actually utilizes ArcGIS Portal, which is an Esri application. We will be leveraging the mobile experience of our users. They can log in through ArcGIS Portal and go to any Esri applications, which minimizes log ins and user accounts. Mike Twitty asked how many users are now logged in and Jamie estimated around 400. Bryan Zumwalt gave kudos to the eGIS team for making this happen and Rahim Harji seconded. Track 2 is currently wrapping up the Geodatabase Design effort and getting GIS prepared for the next steps of migrating data, tool development and data collection. The Track 2 departments include: Utilities/Plant Operations, Environmental, Real Estate Management (REM), Fleet, Parks and Conservation Resources (PCR) and Solid Waste.
Esri Annual Planning Meeting

Jamie Munro mentioned that earlier this month eGIS had our annual planning meeting with Esri which focuses on our plans for the year to come. Our Enterprise License Agreement (ELA) provides credits and other resources for enterprise use. Esri is taking the suggestions discussed and formulating a document to illustrate the plan for the upcoming year.

Some of the ideas discussed for the near future:

- **Best practices for Dev/Test/Prod environments** – when we work out a governance for Dev/Test/Prod environments, we will communicate to the departments.

- **ArcGIS Pro Implementation/Training** – we will be determining best practices for the Pro platform, which is the new technology that the enterprise needs to move to for everyday use. Curt Nielsen mentioned that there are too many bugs in Pro for Parcel Fabric to work well for them. Curt also asked if there are limited licenses with Pro. Mike Dawson mentioned that Portal is able to create more users with less limitations and should be available April 2020. eGIS will be working with Esri on a plan for this.

- **Portal Migration** – The strategy is that if it is an internal application, we will move it from ArcGIS Online (AGO) to the local Portal. This allows us unlimited view access rather than the limitation of AGO. This is also tied into LDAP, which will be a greater level of security. Public facing applications will remain on AGO, which will help with load balancing, in the case of an event when people are overloading our systems.

- **ArcGIS Hub/Open Data** – Open Data is an open source for data. Hub is a competitor of Secrata. eGIS will be working on and planning some releases of each of these.

- **Department Outreach/Needs Assessment** – eGIS will work with Esri for a needs assessment with each department and their Subject Matter Experts (SME) to determine which solutions might best help them. There are quite a few applications that may need a refresher and may have been rolled out before there was a good Esri solution available. We will want to take advantage of any new solutions readily available now.

- **Other**:
  - **Election Solutions** – Esri has a new suite of products dealing with Elections that we will ask for demos for the Supervisor of Elections
  - **Emergency Management Solutions** – looking into other potential solutions
  - **Indoors** – brainstorming sessions
  - **City Engine**
  - **Drone2map** – Rahim Harji inquired about this saying that there is currently a county project related to data storage and making sure the areas are not flown multiple times and suggesting a central repository for information. Bryan Zumwalt mentioned a few demos from drone companies and specific demos for Emergency Management. The data needs to be stored and it’s not a small dataset. Rahim suggested more parties must be involved for the conversation to where everyone is on the same page and to ask the consultant what they suggest. Jamie said raw GIS data needs to be included, as eGIS is currently working with Esri on 3D building footprints for the entire county. Joe Borries asked if ArcGIS Pro would be able to handle the data. Mike Twitty asked for a copy of the vendor/drone contract and Rahim said that Bryan is the central contact for that information.
  - **Health Checks**

Blake Lyon asked if there was any follow up about the ArcGIS Urban Early Adopter Program. Jamie said eGIS is working with Esri to create 3D plans and talking with Esri about more training for a refresher and an updated toolset. Esri has introduced a new group of tools that would solve a lot of the issues encountered during the initial training. Jamie is looking at a good time to schedule further training, hopefully timed to utilize a completed layer of building footprints. Mike Dawson said he was not sure if the LiDAR portion of the ArcGIS Urban has started, but if so, it could be completed by April 2020.
Esri Conference Planning

Esri Annual User Conference is scheduled for July 13-17, 2020 in San Diego, California. This year, we will again have 20 complimentary passes available for use across all county departments. The complimentary pass is only for conference registration, departments are responsible for all travel expenses. Rahim Harji asked how we have determined in the past who attends if the requests are over 25. eGIS will take requests from departments and tries to ensure equal distribution across all departments requesting passes. eGIS will then make a recommendation of how many complimentary passes are available for use in each department. Bryan Zumwalt recommended a November 30th deadline to request passes and the recommendations will be given at the December 5th Steering Committee meeting. Jamie Munro reminded everyone that there are other conferences available such the Southeast User Conference (in Charlotte) and there is also the Developer’s Summit (in Palm Springs), but we do not have complimentary passes for those conferences. Blake mentioned the GeoDesign Summit (in Redlands) which is much smaller and more focused. Visit the Esri Events page for more information on conferences:

https://www.esri.com/en-us/about/events/index/overview

Project Round Table Discussion

Jamie Munro wanted to allow for a department focus for the project list. In future meetings he would like to have the departments do show and tell, explain what eGIS has done for you, what information you have created using GIS, bring forward new projects and display what success stories are coming out of the departments. Belinda Huggins mentioned that Business Technology Services (BTS) is working on a new dashboard presentation of projects status and relationships which will help with visibility on eGIS projects. Rahim Harji mentioned that the BTS ELT report was a very useful tool and Belinda said this dashboard would be similar.

- **Emergency Management**
  - April Rosier discussed Damage Assessment training, Hurricane preparedness for Hurricane Dorian, updating data and hurricane specific applications and coordinating better with Survey123, Dashboards, etc. eGIS will be working closer with Emergency Management to better prepare for Hurricane season with new applications and updated data. Joe Borries thanked Mike Dawson for the help with maps for Tropical Storm Nestor.
  - Collector Application for Mobile Home Address Verification – Joe Borries mentioned that Lisa Foster’s intern digitized mobile home parks boundary information to prepare for this project of obtaining better addressing for mobile home parks. Mike Twitty asked if the digitized information was for the entire county or just unincorporated areas and Joe said he would check on that.
  - Healthcare Facilities Application/Story Map – Joe Borries mentioned they are working on determining where each facility will be evacuating to and related information.
  - Blake Lyon asked if there are any thresholds related to development in areas of the county. There are some golf courses that are discussing adding hundreds of units and was wondering if there were any GIS tools that could analyze resiliency. Joe Borries said they are working with Forward Pinellas and Planning to assess these risks. A few new communities are being looked at in some coastal high hazard areas or lower evacuation zones, where there are issues with shelter capabilities and evacuation routes. Timing of evacuations becomes longer the more people who live in evacuation zones.

- **Planning**
  - Local Mitigation Strategies – April worked closely with Smita Ambadi from the Planning department on a Story Map. Joe Borries gave kudos on the Story Map. (https://arcg.is/15a1yi)
  - Seal Level Rise Vulnerability Study (RESTORE Act) – Rahim Harji asked for this to be moved to Public Works and asked for a discussion on next steps. Jamie mentioned that the project provided a lot of collaboration with agencies we wouldn’t normally have information from, and we should look into a centralized repository for the data and ensure that it is current. This could also be an opportunity for portal to portal interaction. It was mentioned that Safety Harbor and Treasure Island have voiced some interest in this.

- **Utilities**
  - Jason Clemis currently wrapped up a SCADA project for trailer mounter generators. When the generator arrives at a lift station, it starts broadcasting information. This can eventually contribute to a potential WebEOC dashboard. Rahim Harji mentioned that this was a great and successful project.
- CIP Projects for Partnering Municipalities Application and Dashboard – was created for more transparency with CIP in the county, including municipal projects. There was a need for collaboration with the county and the cities as to competing projects and coordination with the timing of projects. Utilities worked together with eGIS and Public Works to create this application and dashboard and then rolled it out to the municipalities. Joel Kelsey, from Utilities, demonstrated the application and dashboard. Alan Shellhorn asked how often the municipality CIP data has been updated and Joel said probably two times a year for the larger cities but definitely once a year. Blake Lyon asked Rahim Harji if there was still a moratorium on cutting recently paved sections of road. Rahim asked if this will be integrated to the product management and Joel said he hoped it would become automated in the future. Rahim asked if this application was going to be public and Joel responded with it is just internal and with the municipalities at this time. Jamie mentioned that he, April Rosier and Christy Kretschmann met with Office of Budget and Management (OMB) this morning to gather specific requirements for CIP Projects. Rahim commended Utilities for wrangling all municipalities and encouraging them to log their projects with this application.

- Public Works
  - Public Facing CIP Application – April Rosier demonstrated the Story Map for this project. All projects in this Story Map have a link with information to either a project PDF or a project website within Public Works. This is a public facing application. Jamie mentioned Hillsborough County’s CIP dashboard page and that eGIS will be looking at this to see if it could work better. Rahim Harji suggested adding the Utilities projects to the Story Map as well going forward.
  - Elevation Certificates Application for Municipalities

- There are other departments not fitting in to the larger categories, as well as many eGIS team projects having to do with infrastructure and internal projects.

Blake Lyon mentioned the Contractor Licensing and Building and Code Enforcement mapped out calls for service and inspections. He would like to look into determining high frequency and how to share resources rather than send multiple people to the same property multiple times. They are looking at creating heat maps for scenarios. So far, it is a pilot program but will hopefully leverage GIS in addition to Accela. Jamie suggested a routing scenario for the inspectors as Blake asked about vehicle GPS with routing software and whether they can upload inspection completion information with more of a real time arrival info for customers.

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**Next Meeting**

Invitations have not been sent out yet, but this room has already been reserved for Thursday, December 5th, from 1:30 – 3:00 for the next Steering Committee meeting. Rahim Harji suggested to wait for the list of projects and Belinda Huggins suggested the project list would be completed by December 5, governance review can be completed via email. Mike Dawson mentioned the complimentary Esri UC passes will also need to be approved at the December meeting.

Joe Borries inquired about Working Group meetings.

Rahim Harji wanted to congratulate Jamie Munro on his new position as eGIS Manager.

Tom Almonte is a new Assistant County Administrator and said the eGIS Steering Committee is very exciting, GIS is great and creates more opportunities between municipalities and county. Tom came from Grand Rapids, who also just migrated to CityWorks.

The meeting adjourned at 3:10pm.
Enterprise GIS Steering Committee Meeting

October 29th, 2019

Meeting Agenda

1. Call to Order
2. Welcome and Introductions
3. Approval of Minutes from the March 28th, 2019 Meeting
4. eGIS Team Changes
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6. Amendment to Section 119.071 Florida Statutes – Public Records
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Welcome

Around the Room Introductions

- Name
- Department

Approval of March 28th, 2019 Meeting Minutes

eGIS Team Changes

New eGIS Manager
Jamie Munro

New Team Member
Allison Goldberg

eGIS Steering Committee Governance

- Operating Guidelines Update Needed
  - Original 4/28/2013
  - Draft update 10/28/2016

- Service Level Agreements Update
- eGIS Strategic Plan Update
Amendment to Section 119.071 Florida Statutes – Public Records

Oracle to SQL Migration

Timeline – Accomplished!
- April 1st – Stop/halt schema changes
- April 15th-17th – Testing of specific applications
- April 17th – Stop data editing through Workflow Manager – users must reconcile and post all changes that are open
- April 18th – Stop data editing through Collector and/or WebMaps – users must sync any changes that are open
- April 22nd–26th – Database cut-over/Black-out week for data editing
- April 27th–26th – Setup new Workflow Manager jobs with users
- May 6th – Resume schema changes as needed

eGIS Infrastructure Overhaul

- Server Refresh/Upgrades - Completed
  - New Windows 2016 Servers
  - Latest ArcGIS Software version 10.6.1
  - Upgraded all Arc users from 10.4.1 to 10.6.1
  - Migration from pinellascounty.org URL to pinellas.gov URL
    - Some front end services are still in process

Oracle to SQL Migration Team Effort

These are just some of the tasks that were done prior and during migration:
- Worked with stakeholders to archive certain feature classes
- Clean up database domains
- Set up editing rules using Active Directory
- Migrate database
- Set up replication to read only database
- Published all services to new server (map and feature services)
- Redirect all applications to new server
  - Major Viewers
  - Collector Applications
  - Editing Webmaps
  - Test applications with new services
  - Workflow Manager
    - Redirect all job templates to new SQL database
    - Set up all users with new database connection and test

Project Updates

EAM Project/Program

Track 1
- June 2019 – Public Works Live
- October 2019 – Utilities Live

Track 2
- November 2019 – Geodatabase Design Complete
  - Utilities Plants
  - Public Work - Environmental
  - Real Estate Management
  - Fleet
  - Parks and Conservation
  - Solid Waste
- 2020 Next Steps
  - GIS Data Planning
  - GIS Data Migration
  - GIS Tool Development
  - GIS Data Collection

ESRI Annual Planning Meeting

These are just some of the ideas that were discussed for the near future:
- Best practices for the Dev/Test/Production environments
- ArcGIS Pro Implementation/Training
- Portal Migration
- Hub/Open Data
- Department Outreach/Needs Assessment
- Other:
  - Election Solutions
  - Emergency Management Solutions
  - Indoors
  - City Engine
  - Drone/Map
  - Health Checks
Project Round Table Discussion

What we have accomplished:

<table>
<thead>
<tr>
<th>Department</th>
<th>Project Name</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>GIS</td>
<td>Create GIS Sparrow</td>
<td>Complete</td>
</tr>
<tr>
<td>GIS</td>
<td>Data Entry for GIS Sparrow</td>
<td>Complete</td>
</tr>
<tr>
<td>GIS</td>
<td>GIS Sparrow</td>
<td>Stages of project ongoing</td>
</tr>
<tr>
<td>GIS</td>
<td>Create GIS App for GIS Sparrow</td>
<td>In Progress</td>
</tr>
<tr>
<td>GIS</td>
<td>GIS Sparrow App</td>
<td>In Progress</td>
</tr>
<tr>
<td>GIS</td>
<td>GIS App</td>
<td>Stages of project ongoing</td>
</tr>
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</table>

Project Updates

Emergency Management

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Management</td>
<td>Application Ready</td>
</tr>
<tr>
<td>Emergency Management</td>
<td>App for Emergency Management</td>
</tr>
</tbody>
</table>

Planning

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Planning</td>
<td>Participation in real-time GIS shows early adopter program</td>
</tr>
<tr>
<td>Planning</td>
<td>StoryMap for Local Planning Projects</td>
</tr>
<tr>
<td>Planning</td>
<td>GIS Integration</td>
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<tr>
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<td>GIS Integration</td>
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<tr>
<td>Planning</td>
<td>GIS Integration</td>
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Utilities

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Utilities App</td>
<td>Ready to use</td>
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<td>Ready to use</td>
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<td>Ready to use</td>
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<tr>
<td>Utilities App</td>
<td>Ready to use</td>
</tr>
</tbody>
</table>

Utilities Department & GIS Collaboration Project Success

1. What problem was Utilities facing?
2. What utilities wanted to see for the future?
3. Collaboration with GIS outcomes:
   a. Creation of Editing application for Utilities: [URL]
   b. Creation of Dashboard which will assist in future GIS planning: [URL]
Project Updates
Public Works

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Public Works - New Public Works CP Application</td>
<td>Complete</td>
</tr>
<tr>
<td>Public Works - Street Light Dudit Update for 2019 Time Notice</td>
<td>Complete</td>
</tr>
<tr>
<td>Public Works &amp; HFD - Simulation Certificate Application for Municipalities</td>
<td>Complete</td>
</tr>
<tr>
<td>Public Works - New Flood Operations Dashboard for Annual Season</td>
<td>In Progress</td>
</tr>
<tr>
<td>Public Works - Application to capture a public survey for Flood Data</td>
<td>In Progress</td>
</tr>
<tr>
<td>Public Works - Production in Boundary Incident Analysis and Story Map</td>
<td>Waiting on customer</td>
</tr>
<tr>
<td>Public Works - Collector App for Implication Management Sites</td>
<td>Waiting on customer</td>
</tr>
<tr>
<td>Public Works - Collector App for Minor Youth Test Runs</td>
<td>Waiting on customer</td>
</tr>
<tr>
<td>Public Works - Emergency Plan and Public Storymap GIS Website</td>
<td>Not Started</td>
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</tbody>
</table>

Public Works CIP Project Update Application

Project Updates
Other Departments

<table>
<thead>
<tr>
<th>Project Name</th>
<th>Status</th>
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</thead>
<tbody>
<tr>
<td>Human Services - Survey for December HealthCare Complete</td>
<td></td>
</tr>
<tr>
<td>Parks and Recreational - Pinellas Trail Crosswalk Data Appliance and Analysis</td>
<td>Complete</td>
</tr>
<tr>
<td>CSO - File Address Point Parcel Updates for Reseda Complete</td>
<td></td>
</tr>
<tr>
<td>CDB - CIP Projects new GIS Layer for &quot;Simplified Projects&quot; Complete</td>
<td></td>
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<tr>
<td>Human Services - Critical Study Way Enhancements</td>
<td>In Progress</td>
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<tr>
<td>CDD - LA Administrative</td>
<td>In Progress</td>
</tr>
<tr>
<td>CSO - KSWR</td>
<td>In Progress</td>
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<tr>
<td>Development Review Services - Code Enforcement Least Mapping Application</td>
<td>In Progress</td>
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<tr>
<td>Economic Development - Application Update</td>
<td>Not Started</td>
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<tr>
<td>Supervisor of Elections - Voter Info Address Data Project</td>
<td>Not Started</td>
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<tr>
<td>Communications - Share the Juice event Story Map - Brazil Maintenance</td>
<td>Not Started</td>
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Project Updates
eGIS Team

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<tr>
<th>Project Name</th>
<th>Status</th>
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<tbody>
<tr>
<td>Oracle to SQL Migration</td>
<td>Complete</td>
</tr>
<tr>
<td>Application Server Upgrades</td>
<td>Complete</td>
</tr>
<tr>
<td>Maintenance &quot;Maps Location&quot; Application</td>
<td>Complete</td>
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<tr>
<td>StoryMap for Pinellas County</td>
<td>Complete</td>
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<tr>
<td>Batch of ArcGIS 10.12.1 Release for CAD (Only Draft)</td>
<td>Complete</td>
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<td>Complete</td>
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<td>In Progress</td>
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<tr>
<td>ArcMap Release 10.12 for Application Services</td>
<td>In Progress</td>
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<tr>
<td>CADD Observatory Implementation</td>
<td>In Progress</td>
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<tr>
<td>Contracted 33 (changes 33 to ADO of 33)</td>
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<tr>
<td>Health and Corporate GIS Monitoring Software</td>
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Next Meeting...

Invitations have not been sent out yet, but this room is already been reserved for Thursday, December 9th, from 1:30 – 3:00 for the next meeting. If needed, otherwise need to decide on the 2020 schedule.