



Technology and Communications Commission
Tuesday, November 1, 2022, 7:00 p.m.
Council Chamber, Town Hall
Agenda

- Call to Order
- Establish Quorum
- Pledge of Allegiance
- Approval of Minutes
 - October 4, 2022, Meeting Minutes
- Petitioners
- Old Business
 - None
- Subcommittee Reports
 - Economic Development/Mason Enterprise Center Partnership, Binkley
- New Business
- Closed Session
 - Incident Response/Disaster Recovery Plan - Review
- Commissioner Comments
- Council Member Comments
- Information Technology Director Comments
- Adjourn

If you require any type of reasonable accommodation as a result of a physical, sensory or mental disability, to attend and/or participate in this meeting, please contact Jakub Jedrzejczak, Director of Information Technology, 703-771-2708. Three days' advance notice is requested.

Technology & Communications Commission
DRAFT MINUTES
October 4, 2022

Commission Members Present: John Binkley
Aaron Nadler
Richard Jackson
Katherine Johnson
Ben Taylor

Commission Member Absent: Peter Hill, Chair
Chris Grandjean

Council Liaison Present: Neil Steinberg

Staff Present: Jakub Jedrzejczak
Jesse Kucenic

- Call to Order 7:02 PM
- Establish Quorum
- Pledge of Allegiance
- Approval of Minutes
 - September 6, 2022, *Mr. Jackson Motion. Ms. Johnson 2nd, motion to approved passes 5-0*
- Petitioners – None.
- Old Business
- Subcommittee Reports
 - Economic Development/Mason Enterprise Center Partnership – Mr. Binkley is still working with Eric Byrd to get some cross pollination between the two commission. Ideally is to shadow the two commission meetings. Mr. Binkley will reconnect and if we can have someone from our commission to shadow their meetings.
- New Business –
 - Town Enterprise GIS – Presentation
 - Mr. Jedrzejczak introduced Mr. Kucenic to the Commission and his experience in GIS and what Town Departments are using GIS data in everyday work.
 - Mr. Kucenic gave the commission an overview of the Enterprise GIS in the Town. GIS stands for Geographic information System. GIS is an emerging field used in about every industry. The Towns program was a on-premises traditional system that was less secure and high maintenance. The system is now in the cloud and its databases along with it. The Town procured the GIS portal which is a web mapping application and hosted by Roktech. The direction of the program is to build out an enterprise GIS model which is the highest level of GIS framework. This allows for GIS to be used by all departments and included into many of the daily workflows. Provides greater accuracy and reduces redundancy. The key components for the Town GIS is the portal site, similar to the

County WebLogis but specific to the Town. This also allows to share data and maps across the enterprise. This will allow us to integrate Town GIS with other third-party applications, that we currently have and future integrations. The Town can provide data and maps on the Town Portal site. The Town Portal can make the data available to staff, residents and the data will be the same. The portal can highlight the Town with different data and maps. Story maps are maps that are tying a theme of a map to an area of Town like a tree walking map.

Some of the concerns of Enterprise GIS are data silos, data integrity, and ensuring availability of the web platform and making sure staff are properly trained in the application. IT is looking at adding an additional junior GIS technician for staff support in the next year budget to support the expanding use of the GIS and GIS work in the Town. Mr. Binkley was asking about the context of the use case for the Leesburg Police Department and what the use case is? MR. Kucenic indicated the LPD was using centerline and address point data for the computer aided dispatch system and that it needed additional maintenance to get the most accurate data.

Mr. Binkley asked about the Town County interface exchange. Isn't the County responsible for maintaining the data layers for the Town? Mr. Kucenic also indicated that the Town creates data that the County would use. It would make the exchange of the data streamlined. Mr. Binkley recommended that the Town would get an MOU with the County for the data exchange if it is something that the Town is going to rely on. Mr. Binkley asked if the Town is doing any live GIS tracking? The Town is live streaming Public Works snow plowing to monitor the places where the snowplows has plowed during a snow event. Mr. Jedrzejczak indicated that there is some much potential with the GIS. That we can highlight what we have in the Town that residents do not know about. This GIS position has been held by one person for twenty-two years and that the GIS needs additional support, and he is recommending a new position in the next budget. Mr. Binkley also would recommend some cross over pilot with the private sector with making data available to local businesses to keep or attract businesses in the Town. Mr. Steinberg asked about how data siloing can still happen in the enterprise system? Mr. Kucenic replied that the enterprise system can reduce the siloing by having one data source and not allow for multiple data sets of the same layer. The portal organizes everything and that there is more control over the data versus the previous database schematic. Mr. Nadler has always asked that he needs to provide a floor plan to the Town for his office and something like this would make his life easier to pull the floor plan data from the GIS on line with the map to submit for permits. Also, he would like notifications for construction or permits that are happening on my street. Mr. Jedrzejczak would like a vote for support for Council for the Junior GIS Technician for next budget year.

Mr. Binkley moves that the Technology and Communication Commission of Leesburg, Virginia hereby signify support for enhancing and enlarging the GIS Program in the IT Department in FY24 given the benefits to both the Town and commerce.

Mr. Nadler 2nd, Motion passes 5-0.

- Cyber Security Initiative with Loudoun Towns – Update

Mr. Jedrzejczak gave a review of a meeting with the mayors of all the Towns in the Loudoun. Leesburg Mayor Burk invited Mr. Jedrzejczak to speak on cyber security. Mr. Jackson asked if

they were favorable to you speaking? Mr. Jedrzejczak indicated they were favorable, and that the Town should start collaborating especially with the funds becoming available from the federal government Mr. Steinberg indicated that the Middleburg Mayor, Mr. Littleton has already sent a letter to the County Executive, Mr. Tim Hemstreet about the funding. He was also wondering how to have cybersecurity discussions without having to be public about it due to security concerns.

- Commissioner Comments – Mr. Nadler, thanks to Mr. Kucenic for the GIS update. Mr. Binkley Extended best wishes to Mr. Peter Hill and his wife. Mr. Jackson, Thanking Jesse for coming in and address the commission on what seems to be a wonderful situation. You have done wonders for a one man show with the GIS for the Town.
- Council Liaison Comments – None
- Director of Information Technology Comments - Thank you for having a quorum and having this important meeting.
- Adjourn 7:46 PM *Mr. Jackson Motion to adjourn, Ms. Johnson 2nd. Motion to adjourn passes 5-0.*

Next Meeting: November 1, 2022