Welcome & Introductions

Miriam Pomilio started the meeting at 10:10 am. She welcomed everyone to the meeting and introductions were made.

November 8, 2018 Meeting Minutes

George Houck made a motion to approve the November 8, 2018 Meeting Minutes (PDF). The motion was seconded by Taryn Davidson and it passed unanimously.

Geospatial Education Committee

Nicole Minni the chair of the Geospatial Education committee reported that she has been working with Brandywine Springs Elementary teacher, Sonya Saunders, on some Story Maps and sharing them with the Parent Teacher Organization.

Kym Kelly from DelTech’s GIS program indicated she is working with Geo Tech organization and DelTech will be hosting a regional workshop at June 25 -27 at their Stanton Campus. This workshop is open to teachers focused on 9th grade through College. This workshop will focus on teaching how to use ArcGIS Pro.

Kym also relayed that the Delaware Science Olympiad coordinators are looking for judges for their Geologic Mapping event this year. The judge should have Geology knowledge as well as GIS skills to judge maps from High school level. If interested please contact Kym Kelly and she will get you to the right person.
Mary Schorse with the Delaware Geographic Alliance (DGA) reported that UD and DelTech continue to create a Geo-technology Pathway for high school students in Delaware. They need to find schools and teachers willing to pilot this program. They may also be able to use GIS Professionals to assist the schools by providing lectures and to provide assistance with teaching the curriculum. If you’re interested in participating, please contact either Mary Schorse or Kym Kelly.

We continue to need additional GeoMentors, if you’re interested in volunteering some of your time to schools and/or special educational events, please contact Nicole Minni.

DGS Contour Update

Dan Warner from the Delaware Geological Survey provided an update on the status of new one foot contours for Delaware. DGS is in the process of final review of the contours. Dan said so far they look great and DGS hopes to have a final dataset to FirstMap for release in mid-March 2019. This data will be delivered to FirstMap as a geodatabase, split into county feature datasets with New Castle County split in half. The size should be reasonable and allows for smooth contours.

Land Use Land Cover Update – See below in Tech Advisory Notes

Miriam reported that DelDOT is in the final stages of approving the contract with AIS to provide updated Land Use Land Cover (LULC). In addition to the main data there were two add-on products: enhanced residential classifications for New Castle County (they are covering the upcharge) and enhanced Impervious Surface for the entire state. DelDOT, OSPC and DNREC had a discussion last week with AIS about the cost of the Impervious Surface data and we just got a revised cost. DNREC has offered to pay a portion of that upcharge. If we need additional funding we will reach out to agencies for that.

2020 Aerial Imagery Discussion

Miriam Pomilio reported that at the Technical Advisory Meeting it was discussed about possibly ramping up for a 2020 Aerial Imagery capture. Past flights have been 5 years apart but the goal was to get it closer to every 2 years. Since Homeland Security has a contract for every 2 years with Pictometry, they indicated that in their “off” year they may be able to pitch in towards aerial flights for the state.

Discussion about this ideas included questions about cost for previous flights (about $100,000) as well as the specifications the state would need. Matt Laick indicated we should set our specifications. A working group did set specs for Aerial Imagery, LiDAR and LULC several years ago. It was suggested we revisit those specs and see if the agencies still require this level of data.

Eddie Starr, from Pictometry, indicated that he is working with his financial folks to see if they can offer a deal to the State to tack on to the existing contract they have with DSHS. This is a consideration but needs to be discussed with all the agencies.
Brian Ross, (National Guard) indicated he may be able to get funding towards the imagery. Also Lori Schnick from Winterthur inquired if non-state agencies were ever included in the “pass the hat” funding and we indicated we would certainly entertain contributions from them as well.

Mike Townshend suggested we move now, if we don’t get the funding for the earlier year, we are ready to go for the regular scheduled year. Miriam indicated she would send out meeting notice to discuss the specifications for aerial imagery and other options.

There was also a discussion about Lidar options. Miriam indicated she thought USGS has a program for grant funding and someone else suggested we look into what NASA has to offer regarding LiDAR.

**Routable Centerline Service**

Bernie Gilbert of DelDOT is working on a public routable centerline for the state. He has completed one for DelDOT’s use for Oversize Overweight vehicles. We hope to get an update soon from Bernie regarding the timing of this service.

**Technical Advisory Committee and FirstMap Update – Mike Townshend**

Long Term Planning for Geospatial Resources/Governance - Miriam had reported that this initiative is part of Governor Carney’s GEAR process so hopefully will get some traction. She further indicated DelDOT has offered to pay for UD-IPA to coordinate an effort to review how surrounding states handle this as well as hold workshops for State stakeholders to determine the best path forward. An update is due to the GEAR Committee in March.

FirstMap 2.0 Update – DTI is working hard on the FirstMap 2.0 migration. Kim Cloud reported that ESRI onsite next week to build test environment and then DTI will solicit agency testers to determine if anything needs to be tweaked. The target testing should be sometime in March 2019. With a Production target date sometime in April 2019 and then DTI will maintain a dual system until all agencies using FirstMap services can migrate over to the new environment.

The FirstMap team will do a demo of FirstMap 2.0 at the next DGDC quarterly meeting and the upcoming eDUG meeting.

Mike reported that there are discussions now about the use of ArcGIS HUB. Many state agencies are interested and DTI is working on a cost share funding for this product.

ArcGIS 10.6 upgrade - DTI has changed how software is pushed out for updates. Working with DTI to tailor the installs to specific needs of the user – there are some users that cannot migrate to 10.6 due to customized scripts and applications, so we can’t do a blanket push of the new software.
Kim reported that there is a RFP for new Enterprise License Agreement (ELA) for GIS Services. Since our current ELA is about to expire there will be some overlap and DTI is negotiating to extend the existing ELA until a new one can be contracted.

As always if you experience issues, please contact the team at FirstMap@state.de.us.

Presentation – DelDOT PAR Project Prioritization Application

Julia Wolanski from Pennoni Associates presented on the work they have been doing with DelDOT on Pedestrian Access and ADA Compliance inventory. A copy of her presentation is attached to these meeting minutes. You can also access a write-up of this project at Pennoni’s Perspective publication online.

Presentation – Update on Delaware Drainage Drone Efforts

John Inkster from DNREC Drainage program presented work he has been working on using drones for Tax Ditch maintenance surveys. To see more about this effort, check out his Story Map.

Federal Update

**USGS** – Roger Barlow was not able to attend but sent the following update: Lidar Data from the cloud: The [USGS 3D Elevation Program (3DEP)](https://3dep.usgs.gov/) has announced the availability of a new way to access and process Lidar point cloud data from the 3DEP repository. The USGS has been refining new mechanisms to access 3DEP data beyond simple downloads. With 3DEP’s adoption of cloud storage and computing, users now have the option to work with massive Lidar point cloud datasets without having to download them to local machines. 3DEP has been acquiring three-dimensional information across the U.S. using light detection and ranging (Lidar) technology - an airborne laser-based remote sensing technology that collects billions of Lidar returns while flying- and making results available to the public.

**Census** – Kim Cloud from DTI indicated the Governor’s office has established the Complete County Commission and they are in the process of organizing their subcommittees to make sure Delaware is fully counted in the 2020 Census. Kim indicated they will be working on a Story Map to get the word out to the Delaware folks. Kim also indicated DTI is evaluating various software and tools to assist with the Redistricting. They have narrowed their search to Maptitude and Esri tools.

**NRCS** – Art Walker indicated he is working with the FirstMap team to make the 2018 NAIP imagery available through FirstMap.

Academia Update
Delaware Technical College – Kym Kelly announced that DelTech is holding an Engineering Technology Expo March 19, 2019 between 2:30 – 5:00 pm. She is looking for additional GIS representation. Not just engineers, but anyone who uses GIS in their work, is welcome to present at the Expo. Contact Kym Kelly directly if interested in presenting. For more information about the Expo or to register, please check out their website.

Open Comment Period

The meeting was running late and no one provided additional comments at this meeting.

Next Quarterly Meeting

The next DGDC Quarterly Meeting will be on May 9, 2019 starting at 10 am and will be held at the Delaware Department of Agriculture. All future meetings will have Skype and/or Conference call accessibility.

Adjournment

Dan Cook made a motion to adjourn the meeting and it was seconded by Renee Hupp. The meeting was adjourned at 12:20 pm.
Agenda

• DelDOT Transition Plan
• DelDOT ADA Inventory
• Pennoni and DelDOT Agreement
• Pennoni’s PAR Prioritization Application….Launch
• Q&A, Thank you!
“As Secretary of the Department of Transportation, I make this personal vow to the citizens of Delaware – DelDOT will uphold the vision and policies presented in this Plan. I also recognize that our success at making our transportation system fully accessible depends on the coordinated efforts of all levels of government, the public, and the policies and strategies outlined in the Plan. We will continue to be the leader in ensuring that this coordination happens.”
Americans with Disability Act (ADA)

DeIDOT ADA Inventory & Assessment App

This application contains data that portrays the pedestrian facility inventory and ADA assessment of these facilities located in the DeIDOT right of way as of December 2011 for Kent and Sussex counties and June 2012 for New Castle County. Facilities under construction, constructed or repaired from September 2011 through June 2012 and later in the respective counties are not represented within this data. Information materials can be made available in an alternative format by emailing the DeIDOT ADA Title II/Section 504 Coordinator at Todd.Webb@state.de.us or by calling (302) 760-2048.
Pennoni and DelDOT

- DelDOT Agreement 1791 – P&R and Pedestrian Access Routes (PAR)

- In the Mid-Atlantic Region, Pennoni is working with DelDOT, PennDOT, Pennsylvania Turnpike Commission, MDSHA, MDTA, VADOT, NJDOT and numerous municipalities

- Newark, DE Transportation Group
  - Philip Horsey, PE – Transportation Division Manager
  - 25+ Highway, Traffic & Bridge Engineers

- Philadelphia, PA Technology Solutions
  - Julia Wolanski, PSM – GIS Specialist

1,221 TOTAL EMPLOYEES

220+ Site/Civil Engineers, Planners, Landscape Architects, & Surveyors

75+ Structural, MEP, Foundation/Geotechnical Engineers

275+ Project Managers, Construction Managers and Inspectors

295+ Administrative, Design, CADD, Technicians, & Other Professional
• Supports DelDOT to evaluate the estimated 230.5 sidewalk miles, 6400 curb ramps, and 1450 bus stop patron pads identified by others as being non-compliant.

• Ranks potential PAR projects by county to help distribute improvements across the State.
Thank you!

• PAR Project Manager:
  - Thomas Nickel

• ADA Title II / Section 504 Coordinator
  - Todd Webb, ADAC

• Principal Planner / GIS Coordination:
  - Miriam L. Pomilio,
    Office of State Planning Coordination