



# STATE GEOSPATIAL COORDINATING BOARD

COMMONWEALTH OF  
PENNSYLVANIA

BOARD MEETING  
NOVEMBER 5, 2018

[STATE GEOSPATIAL COORDINATING BOARD WEBSITE](http://www.state.pa.us/geospatial)



# MEETING AGENDA

- Welcome and Introductions
- 10/10/2018 Joint Task Force Update
- Task Force Updates
- Open Discussion
  - Motions / Recommendations
- New Business
  - PEMA Update
  - NENA / NG 911 Workgroup Update
  - Legislative Items
  - Outreach
  - Topics for Next Meeting
- Adjourn



# 10/10/2018 JOINT TASK FORCE UPDATE

# JOINT TASK FORCE

- Lidar Working Group / Funding Status
- Data Sharing Agreement
- GeoBoard Procedures
- PA Base Map
- Website Overview / Resource Account
  - Agenda Management
- GeoBoard Executive Director / GIS Coordinator Position
- Act 178 Extension



# TASK FORCE UPDATES

# DATA PROGRAM TASK FORCE

## ➤ Base Map

- Ongoing workgroup meetings and activities continue
  - ❖ Elevation Workgroup
    - DEP Contributed \$500K
    - Still looking for approximately \$200-\$500K
  - ❖ Parcel Workgroup
  - ❖ Civic Boundary Workgroup
  - ❖ NextGen 911 Workgroup
    - Focusing Stage 2 data standards to be based on NENA standards for NextGen 911 identified layers
  - ❖ Hydro Workgroup

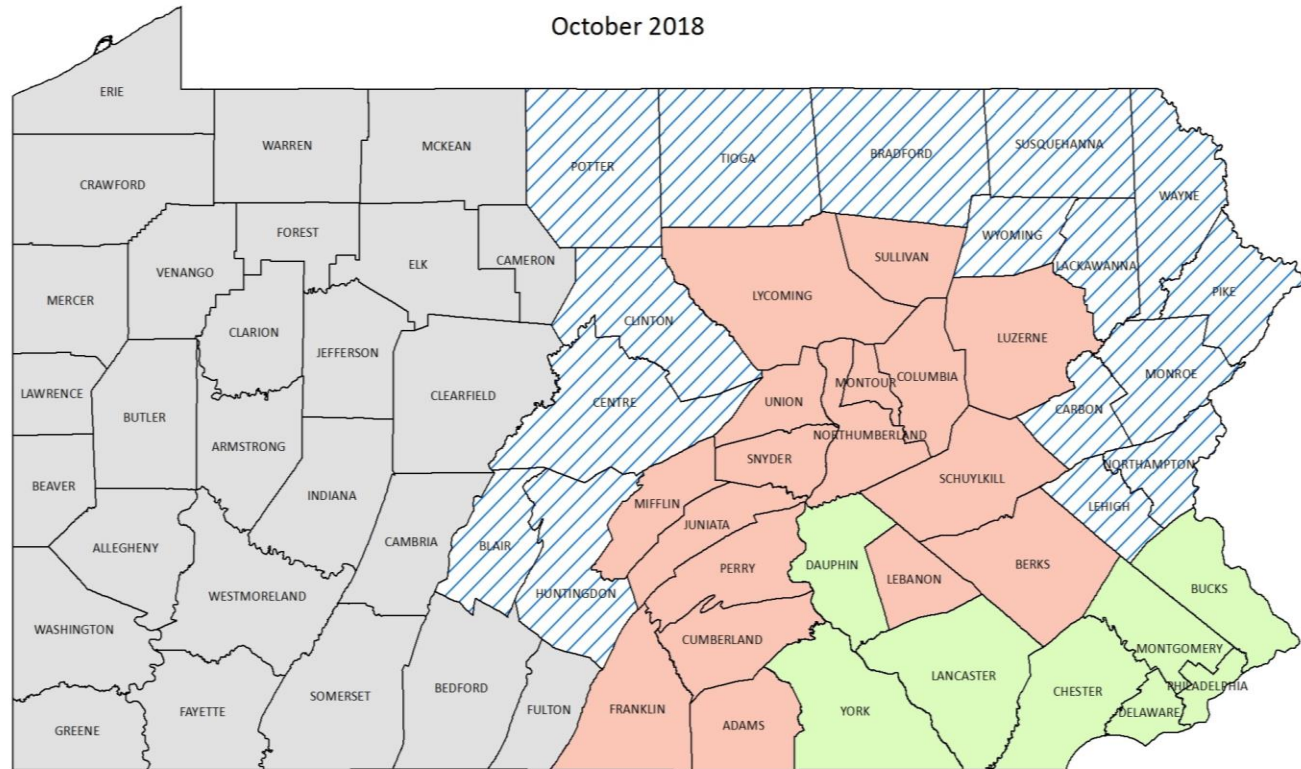
## ➤ Data Sharing Agreement

- DRAFT Finalized

# DATA PROGRAM TASK FORCE

## Planned Acquisition of Quality Level 2 (QL2) Lidar Data

October 2018



QL2 lidar acquired 2014-2016  
various funding sources

QL2 lidar acquired 2017-2018  
NRCS, 3DEP

Projected State/Federal purchase 2018-2019

# SERVICE DELIVERY TASK FORCE

## Discussion Items:

- 1. All feedback information from surveys, meetings, webinars, etc. is available in the Service Delivery Task Force section of the GeoBoard collaboration (SharePoint) website.
  - **Executive Summary** – Summary of Findings (Data, Services, PASDA Enhancements, PA Base Map and Vision and Future Needs)
    - ❖ PART I: Introduction & Overview
    - ❖ PART II: Methodology
    - ❖ PART III: Participant Feedback & Survey Results – includes all survey questions and responses
- 2. Base Map Services:
  - Service Delivery has gathered all of the layers into several access options already.
  - It was recommended at the joint task force meetings that the base map layers should have a GeoBoard themed landing page that would be linked from the GeoBoard website.
  - This landing page would allow users of the GeoBoard site to get quick and easy access to information and data for the PA Base Map stage 1 layers and allow the public to track the progress of the base map initiative easily.
  - This would also allow the Data Task Force to move on to discussing and finalizing the stage 2 layers and Service Delivery to begin to identify new services related to the base map.



# SERVICE DELIVERY TASK FORCE

## ➤ 3. Base Map draft landing page features:

- GeoBoard name
- PA Base Map draft logo
- List of Base Map stage 1 themes
- Links to individual base map data sets on PASDA within those themes where data can be downloaded, consumed via map services, viewed, as well as access to historic versions of data, etc.
- Links to applications and/or map services featuring those data sets

# SERVICE DELIVERY TASK FORCE

## ➤ Landing Page 1:

**PA base map**

## Pennsylvania Base Map Themes

The Services Delivery Task Force of the PA GeoBoard is working with PASDA to provide the data to the public in multiple ways:

**ACCESS INDIVIDUAL PA BASE MAP LAYERS**  
- Available in multiple formats: Download, map services, APIs, JSON, KML.

**PENNSYLVANIA BASE MAP - Tiled and Cached without Imagery:**  
This base map does not allow the user to turn layers on/off, but is tiled and cached for performance speed.

[Add to ArcMap](#) [Add to Google Earth](#) [Add to ArcGIS online](#)

**PENNSYLVANIA BASE MAP - Tiled and Cached with Imagery:**  
This base map does not allow the user to turn layers on/off, but is tiled and cached for performance speed. It uses the PAMAP Imagery as a background image.

[Add to ArcMap](#) [Add to Google Earth](#) [Add to ArcGIS online](#)

**PENNSYLVANIA BASE MAP - NOT Tiled, Contains Multiple Types of Imagery:**  
This base map allows the user to turn layers on/off and choose between various background images (e.g. Hillshades, Aerial Photography, and Landcover).

[Add to ArcMap](#) [Add to Google Earth](#) [Add to ArcGIS online](#)

**PENNSYLVANIA BASE MAP - NOT Tiled. This is a Feature Service. No Imagery Included:**  
This base map allows the user to turn layers on/off and customize the symbology of layers. No background images are included.

[Add to ArcMap](#) [Add to Google Earth](#) [Add to ArcGIS online](#)

**HOW CAN YOU PARTICIPATE?**  
If your organization would like to participate in the PA Base Map initiative by sharing your data, please contact us. You can read more about participating in this effort [HERE](#).

CONTACT US | PRIVACY AND LEGAL STATEMENTS | COPYRIGHT INFORMATION

# SERVICE DELIVERY TASK FORCE

➤ Landing Page 2:



- Transportation
- Boundaries
- Landmarks
- Hydrography
- Remote Sensing (Imagery)
- Elevation
- Structure
- Land Use
- Land Cover
- Geographic Names
- Tax Parcels/Assessment Data
- Monumentation

[Download Individual Layers used to create the Pennsylvania Base Map](#)

[How to include your data in the Pennsylvania Base Map](#)

# SERVICE DELIVERY TASK FORCE

## ➤ 4. Challenges:

- Capture time stamps on data (update intervals) – create a mechanism that will allow users to know when the base map layers have been updated
- How do we expand business applications? Ex. 3D
- Continue to build data partners
- ArcGIS Enterprise Collaboration portals – will capture updated data
- Coordinating efforts with PEMA
- Long-term vision and goals – what will/should this site look like 5 and 10 years from now?

# GOVERNANCE TASK FORCE

## LEGISLATIVE REVIEW SUBCOMMITTEE

### ➤ US S.2128 / H.R.3522

- “Geospatial Data Act”
- **Passed** by Legislature October 3, 2018 – No further action by LRS

### ➤ HB1106 Printer No 1931

- “Engineer, Land Surveyor and Geologist Registration Law – Amendments”
- Status: Still in PA Senate “Consumer Protection and Professional Licensure” Committee since 6/16/2017.

**Sponsors:** [EMRICK](#), [MURT](#), [PICKETT](#), [WARD](#), [GILLEN](#), [SCHLEGEL CULVER](#), [MILLARD](#), [READSHAW](#), [KORTZ](#), [HEFFLEY](#) and [JOZWIAK](#)

**Printer's No.(PN):** [1931\\*](#) , [1316](#)

**Short Title:** An Act amending the act of May 23, 1945 (P.L.913, No.367), known as the Engineer, Land Surveyor and Geologist Registration Law, further providing for definitions, for continuing professional competency requirements and for exemption from licensure and registration.

**Actions:** [PN 1316](#) Referred to [PROFESSIONAL LICENSURE](#), April 10, 2017

[PN 1931](#) Reported as amended, [June 7, 2017](#)

First consideration, June 7, 2017

Re-committed to [RULES](#), June 7, 2017

Re-reported as committed, [June 12, 2017](#)

Second consideration, June 12, 2017

Re-committed to [APPROPRIATIONS](#), June 12, 2017

Re-reported as committed, [June 13, 2017](#)

Third consideration and final passage, June 13, 2017 ([188-1](#))

In the Senate

Referred to [CONSUMER PROTECTION AND PROFESSIONAL LICENSURE](#), June 16, 2017

\* denotes current Printer's Number

[How to Read a Bill](#) [About PDF Documents](#)

# GOVERNANCE TASK FORCE

## LEGISLATIVE REVIEW SUBCOMMITTEE

### ➤ HB1106 Printer No 1931 (Cont.)

- LRS reviewed proposed amendments to HB1106 multiple times had many comments
- Conversations with PSLs and Bill representatives led to proposed amendments in accordance with PA State GeoBoard's Official Position including:
  - ❖ Inclusion of NCEES Model Rule Exclusions
  - ❖ Expanded definitions

Following up to the joint call between members of the PA State GeoBoard's Legislative Review Subcommittee and representatives of PSLs and other interested parties on 9/27/18 regarding HB1106: agreement has been reached among the parties to move forward with the proposed HB1106 amendments contingent upon:

1. Update definition of "Authoritative" to: *"Authoritative" solely in the context of this act shall mean an accurately and precisely established location, or location established to a stated accuracy, of a feature, object or boundary stated, certified, and intended for use in establishing property rights or as a survey product.*

The Legislative Review Subcommittee believes the proposed amendments will alleviate concerns of the PA State GeoBoard on HB1106 Printers No. 1931. It is emphasized, however, that the Legislative Review Subcommittee is a working body and does not represent the decisions, opinions, positions, or recommendations of the GeoBoard nor its voting members and does not speak on behalf of said parties. Official decisions, opinions, positions, etc. must be fully vetted and voted upon by the Board during the quarterly meetings.

As discussed on the conference call, should the act not be considered this session, we would like to be notified immediately so conversation can continue between the aforementioned parties regarding minor edits to the act.

# GOVERNANCE TASK FORCE

## LEGISLATIVE REVIEW SUBCOMMITTEE

- HB1106 Printer No 1931 (Cont.)
  - PA Senate “Consumer Protection and Professional Licensure” Committee **did not** bring the bill up for consideration at this point in the FALL voting session.
  - The FALL voting session is effectively over for this two-year term

## What Now?

- The bill will have to be reintroduced and start the process all over again (re-introduced to the House) when the new session starts in January.
- The LRS will continue to work with PSLs on minor edits to the language of the bill to further clarify any confusion / prevent misinterpretation.

# GOVERNANCE TASK FORCE

## PROCEDURES SUBCOMMITTEE



Scott Zubek, GISP – Tioga County Geographic Information Systems (GIS) Department Director  
Geospatial Coordinating Board Designee for Commissioner Erick Coolidge (CCAP)  
Office Phone: (570) 723-8253  
Email: [szubek@tiogacounty.pa.us](mailto:szubek@tiogacounty.pa.us)  
118 Main Street • Courthouse-Annex • Wellsboro, Pennsylvania • 16901

### DETAILED OUTLINE OF GEOBOARD PROCEDURES

#### Major Sections of the Procedures Outline Document (Hyperlinked)

- A. [Products of the Geoboard](#)
- B. [Introduction of Business Topics to the GeoBoard](#)
- C. [Initial Processing of Business Topics](#)
- D. [Intermediate Processing of Business Topics](#)
- E. [Final Processing of Business Topics](#)
- F. [Actions at Geoboard Quarterly Meetings](#)
- G. [Sharing & Platforming](#)
- H. [Amending Geoboard Procedures](#)
- I. [Definitions](#)
- J. [Resources](#)



# GOVERNANCE TASK FORCE

## PROCEDURES SUBCOMMITTEE

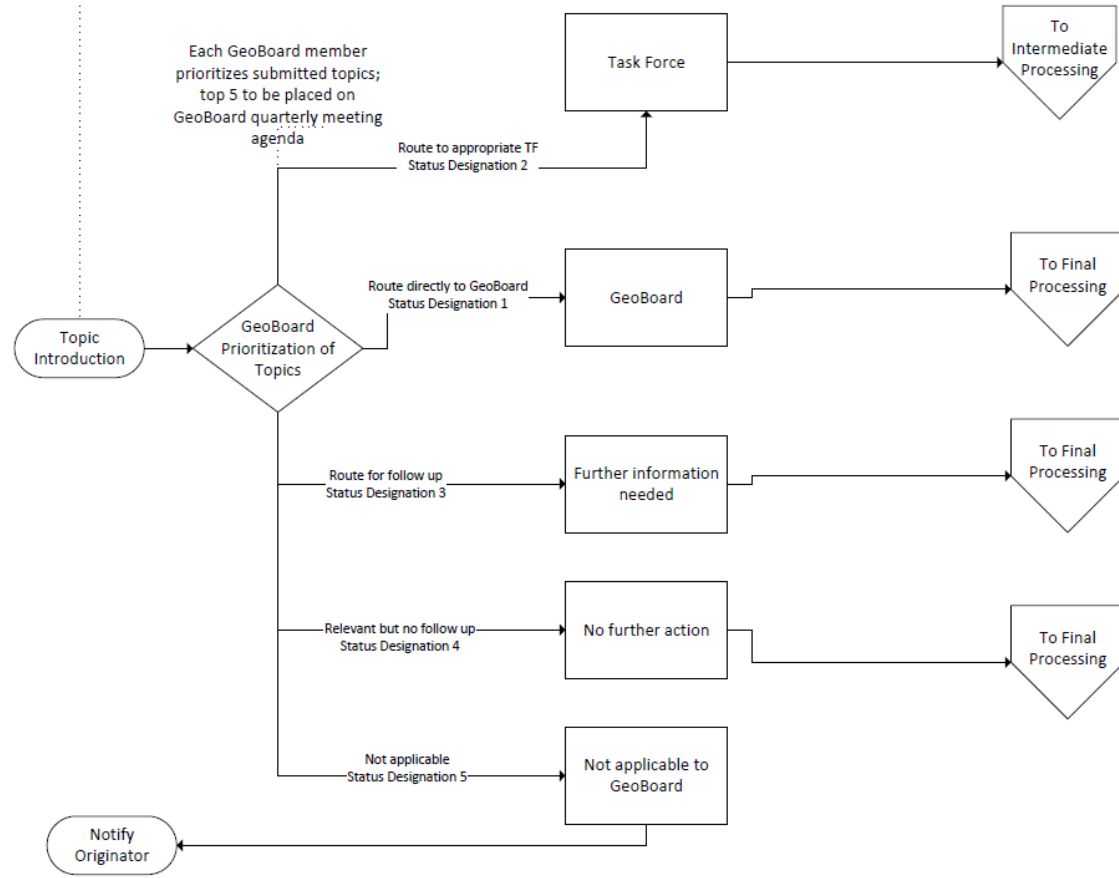
- What do the Procedures Cover
  - Products of the GeoBoard
  - Introduction of Business Topics to the GeoBoard
  - Initial Processing of Business Topics
  - Intermediate Processing of Business Topics
  - Final Processing of Business Topics
  - Actions at GeoBoard Quarterly Meetings
  - Sharing & Platforming (Archiving)
  - Amending GeoBoard Procedures
  - Definitions (Alphabetized)
  - Resources

# GOVERNANCE TASK FORCE


## PROCEDURES SUBCOMMITTEE

GeoBoard topics received via  
GeoBoard member,  
stakeholder, or public

Initial Processing



# OPEN DISCUSSION

- 
- Motions / Recommendations
    - GeoBoard Procedures
    - Data Sharing Agreements
    - PA Base Map

# OPEN DISCUSSION

## ➤ Geospatial Advisory Board (GeoBoard)

- Legislative hearings in 2003 and 2004 resulted in House Resolution 882 recommending executive-level strategic planning and coordination of geospatial technologies. That resolution was the impetus for a series of legislative efforts that continually refined the concepts and development of a statewide council.
  - ❖ HR 882 – Passed October 2004
  - ❖ HB 2871 – Introduced w/o passage 2005-06
  - ❖ HB 1304 – Introduced w/o passage 2007-08
  - ❖ Geospatial Strategic Plan – 2008-2009
  - ❖ HB 2300 – Introduced w/o passage 2009/2010
  - ❖ HP 1701 – Passed unanimously in House October, 2012 / Failed to move in Senate
  - ❖ HP 1285 / SB 771 – Companion Bills for 2013-2014 Session
    - HB 1285 - Passed House unanimously October 2013
    - SB 771 – Amended November 2013
    - SB 771 – Passed Unanimously October 2014
  - ❖ Act 178 – Signed by Governor Corbett October 22, 2014
    - **The Bill went into effect 60 days following its signing. The Board expires on June 30, 2020.**

# OPEN DISCUSSION

## ➤ GeoBoard Coordinator Position / Role(s)

Option	Pros	Cons
One GIS Coordinator	<ul style="list-style-type: none"> <li>Funding appears to be available</li> <li>Large improvement over status quo</li> <li>Position seems valuable in consolidated IT structure</li> </ul>	<ul style="list-style-type: none"> <li>Potential bias in decision making</li> <li>Executive Director role undefined</li> </ul>
One GIS Coordinator and One Executive Director	<ul style="list-style-type: none"> <li>Division of responsibilities</li> <li>Two professionals to collaborate on many common goals</li> </ul>	<ul style="list-style-type: none"> <li>Is the funding available?</li> </ul>
Executive Director (Full-Time)	<ul style="list-style-type: none"> <li>Large improvement over status quo</li> <li>Independence of action</li> <li>Plenty of work to do and a chance to get the results prior to the need to reauthorize</li> </ul>	<ul style="list-style-type: none"> <li>GeoBoard not really built to manage employees</li> <li>If grant funded, job is insecure – risking both function and ability to attract talent</li> </ul>
Status quo <u>except</u> with a larger administrative support through OA (i.e, allocate specific hours to GeoBoard specific functions/duties)	<ul style="list-style-type: none"> <li>Cheaper than management job</li> </ul>	<ul style="list-style-type: none"> <li>Perhaps tricky to manage</li> </ul>
Continue status quo		<ul style="list-style-type: none"> <li>Volunteers exhausted</li> </ul>
Other - ?		



# NEW BUSINESS

- PEMA Update – Jeff Boyle
- NENA / NG 911 Workgroup Update – Barry Hutchins
- Legislative Items
- Outreach – Sean Crager
  - PEMA Meeting
  - Agriculture Meeting
- Topics for Next Meeting



# FUTURE MEETINGS

## 2019 MEETING DATES

- March 27, 2019 – 1:30 PM – 3:00 PM
- June 17, 2019 – 1:30 PM – 3:00 PM
- August 28, 2019 – 1:30 PM – 3:00 PM
- November 20, 2019 – 1:30 PM – 3:00 PM

## LOCATION

333 Market Street – Honors Suite,  
Harrisburg, PA 17126-0333