



COMMONWEALTH OF  
PENNSYLVANIA

**STATE GEOSPATIAL  
COORDINATING  
BOARD**

BOARD MEETING  
AUGUST 11, 2022

[STATE GEOSPATIAL COORDINATING BOARD WEBSITE](#)



# MEETING AGENDA

- Welcome and Opening Remarks
- Task Force Updates
- Joint Task Force Report
- Open Discussion
- Other Business
- Adjourn



# TASK FORCE UPDATES

Task Force Leaders

# DATA TASK FORCE

## DISCUSSION ITEMS

### ➤ **NG911 Data Development**

- RCL, SSAP, and boundary work continues moving west to east
- SW, NW, and SCM GIS data is NG911 ready
- 60 of 67 counties onboarded to the spatial interface
- Counties asked to upload data every two weeks
- Monthly update calls
- SSAP Secondary Use subgroup

### ➤ **NG911 GIS Working group**

- PA NG911 GIS Data Model and Best Practices Guide update
- GIS layer change management guidance
- Update Statewide NG911 GIS Strategic Plan

# DATA TASK FORCE

## DISCUSSION ITEMS

### ➤ Hydrography

- Raystown EDH Pilot data in review by USGS
- Pittsburgh Urban Hydro trial in final definition
- Probable North Branch EDH project
- 3DHP narrative
  - Strategy for each river basin

### ➤ Imagery/Elevation

- Monthly leadership meetings
  - DCNR, PASDA, SSHE, County Pros, PaMAGIC
- Remote sensing stewardship evolution
- Quarterly expanded team meeting
- 3DPA leadership

# DATA TASK FORCE

## DISCUSSION ITEMS

### ➤ Civic Boundaries

- Act 41 of 2022
  - Boundary change reporting
  - Boundary change by ordinance
- Statewide BAS language in review at Census
- Boundary Quality Study updates
  - County-by-county review
  - Establishing Census technical connections
- Summer Research Topic at LGC

### ➤ Parcel (County Pro LRC)

- Monthly Meetings
  - Visioning progress

### ➤ Geodetic

- Monthly calls
- Workplan in development

# SERVICE DELIVERY TASK FORCE

## DISCUSSION ITEMS

PA Base Map 2030 working group, common discussion themes:

1. What the users need?
  - More sophisticated data, applications and services that are normalized, aggregated and *ready to use*
  - Functionality that reduces processing time on the user end (fewer clicks and fewer sites to go to)
2. How important is updated data to the user?
  - Many users don't check metadata to know when the data was last updated. They don't necessarily care about data time stamps.
  - Most heavily used datasets are current and historic imagery, LiDAR, and parcels
3. What functionalities / capabilities should be developed to support the base map?
  - 3D point cloud data as a service, clip and ship apps, different formats (GeoPackage and SQLite), crowdsourced data, data visualization and processing
  - Streaming data and direct connections – gives users the most current data available from each data steward

# SERVICE DELIVERY TASK FORCE

## DISCUSSION ITEMS

- ▶ PA Base Map 2030 working group (continued), challenges:
  1. Preserving data – this costs money, time and space
  2. Data sharing and stewardship – How do we get buy-in from all data stewards? Do the data stewards have the technical capabilities, licensing, infrastructure and time/people to stream data?
  3. Data architecture
- ▶ Tour of the Center for Immersive Experiences with Patrick Dudas to discuss 3D aspects of PA Base Map 2030
- ▶ PEMA imagery – Cumberland, Franklin, Adams, Wyoming and Susquehanna county imagery delivered to PEMA
- ▶ Continued participation in the County Pros Land Records group
- ▶ PA Data Sharing report – A second draft is under review by the leadership team. The section on the future of data sharing has been expanded to include more about Base Map 2030



# GOVERNANCE TASK FORCE

## DISCUSSION ITEMS

### ➤ Legislative Review Subcommittee

- HB 609 – Remains in Senate Committee for Consumer Protection & Professional Licensure since 5/5/2021
- Most recent meeting in June, no action on HB 609
- No meetings scheduled at this time
- Act 41 (Boundary Change by Ordinance) uniform boundary change reporting supports Statewide BAS

### ➤ Broadband Development Subcommittee

- Special Report drafted and provided to GeoBoard members for review
- Discuss vote to accept special report

### ➤ GIS Census Subcommittee

- Subcommittee efforts are resuming from brief hiatus
- Regular meetings are being scheduled at this time to get back on track

# EXECUTIVE DIRECTOR UPDATE

## **Completing first year**

- Understanding scale of the extended enterprise
- Appreciation for talent and support received
- Awareness of coming changes

## **Annual Activity Report**

- Management overview
- Assistance needed

# JOINT TASK FORCE UPDATE

## Meeting of July 11, 2022

- Strategic Plan Checkup
- PA BaseMap 2030 Vision
- GeoBoard Calendar

GeoBoard  
Joint Task Force Meeting

JULY 11, 2022

# STRATEGIC PLAN CHECKUP

## State Geospatial Coordinating Board

The Pennsylvania State Geospatial Coordinating Board was established within the Office of Administration by [Act 178 of 2014](#) to: “Provide advice and recommendations to the Governor and the citizens of this commonwealth on geospatial issues and provide uniform data standards, coordination and efficiency in geospatial policy and technology issues among Federal, State and local government agencies, academic institutions and the private sector.” In June 2020, the operations of the GeoBoard were re-authorized through the enactment of [Act 37 of 2020](#).

- [GeoBoard Members](#)
- [2021 Annual Report](#)
- [Strategic Plan](#)
- [Strategic Plan - 2022 Implementation Approach](#)
- [Get involved in the GeoBoard](#)

**Sustainability, Collaboration, Stewardship**

# STRATEGIC PLAN CHECKUP

## Data Sharing

- Data sharing report update

## Data Access

## GeoBoard Communications

- *Open discussion topic today*

## Base Map 2030

- Lessons learned
- Vision documents discussion
- Data Task Force follow-on activities

## **Sustainability, Collaboration, Stewardship**

# BASE MAP 2030 WORKSHOP

## Key Lessons from Site Structure Address Point (SSAP) Case Study

- Legislation in 2015, update 2019
- 1990s era standards
- 2018 NENA NG 911 GS, 2022 3D GIS
- Prepare for evolving standards
- Published plan and updates, regular monitoring
- Need active working groups w/ broad membership
- Benefits of multi-functional data hub
- Stakeholder alignment

# BASE MAP 2030 WORKSHOP

## ➤ **Outline/Cookbook**

- Goal / vision
- Stewardship
- Standards
- Opportunities

## ➤ **Case studies from existing working groups for each dataset**

- Develop common view of data inventory and attributes
- Perform gap analysis of “as-is” inventory and “to-be” 2030
- Establish roadmap for coordination
- Align with GeoBoard strategic plan implementation approach document

# BASE MAP 2030 WORKSHOP

## **NEW Data Task Force Implementation Task**

- Document a direction on the “how” for Base Map 2030.
- Focus on the layers where we can reasonably and realistically accomplish an end-to-end process / workflow
- Provide the end user with the current and best available data
  - SSAP secondary use - management and distribution (2024)
  - Civic Boundary (2028)
  - 3D Hydro (2025)
  - Geodetic / NATREF 2022 (2025)
  - Imagery / Elevation (2024)
  - Roads (TBD)
  - Parcels (TBD)



# PA BASE MAP 2030 VISION

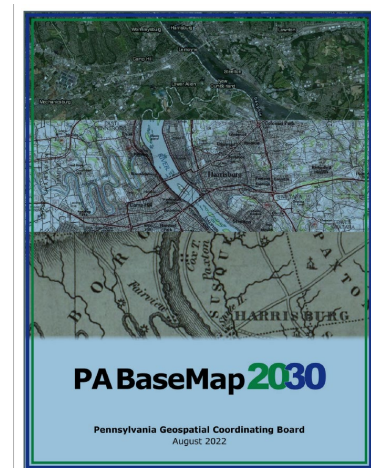
Base Map a regular GeoBoard discussion item since 2017

- Moving toward general technical agreement

Need a straightforward message

- Provide context
- Increase knowledge and support

**DISCUSS:** Does the document produced articulate our vision and point-of-view?



# CALENDAR OF EVENTS

## **Established events**

- GeoBoard Quarterly August 11, 2022
- Joint Task Force October 6, 2022
- GIS Day 2022 November 16, 2022
- GeoBoard Quarterly November 17, 2022
- NSGIC Mid-year Meeting February 2023
- PA GIS Conference April 10-12, 2023

## **To be determined**

- 2023 Quarterly Joint Task Force dates
- 2023 Quarterly GeoBoard dates
- Virtual / in-person / both?

# OPEN DISCUSSION

## GeoBoard Communications

- Planning to add PA Base Map 2030 page
  - Vision
  - Case studies
- Expand Library
  - National trends
  - Supporting reports



Office of Administration

Administration > Programs > Information Technology > State Geospatial Coordinating Board

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#### Additional Resources

- [GIS Data Access](#)
- [GIS Data Sharing](#)

#### GeoBoard Library


- [2021 FEMA Statewide Imagery Report](#)
- [Special Report on COVID-19](#)
- [GeoBoard Library \(includes additional reports\)](#)

[Board and Task Force Member Login](#)

#### GeoBoard Meetings

- Is there a need for changes like those described?
- What limitations or controls might we want to institute?
- Other ideas?

# OTHER BUSINESS

- 
- NENA / NG-911 work group update – Barry Hutchins
  - National Address Database
    - More counties added
  - Broadband Development Authority
  - Topics for next meeting - All

# FUTURE MEETINGS

➤ November 17, 2022 – 1:30 PM ET

## LOCATION

Virtual Conference and 1 Technology Park-  
Commonwealth Technology Center (CTC) ,  
Harrisburg, PA 17110

*Reminder: new business agenda topics are finalized  
five (5) weeks prior to Board meetings.*