



COMMONWEALTH OF
PENNSYLVANIA

**STATE GEOSPATIAL
COORDINATING
BOARD**

BOARD MEETING
NOVEMBER 17, 2022

[STATE GEOSPATIAL COORDINATING BOARD WEBSITE](#)

MEETING AGENDA

- Welcome and Opening Remarks
- Motions for Approval
- Task Force Updates
- Joint Task Force Report
- Open Discussion
- New Business
- Adjourn

WELCOME AND INTRODUCTIONS

- **Welcome**
- **Sign-in and Introductions**
- **Opening Remarks**



MOTIONS FOR APPROVAL

MOTIONS

- 
- **Vote to accept – Service Delivery Task Force**
 - *PA GIS Data Sharing Special Report*
 - **Vote to accept – Governance Task Force**
 - *Broadband Special Report*



TASK FORCE UPDATES

Task Force Leaders

DATA TASK FORCE

DISCUSSION ITEMS

➤ **NG911 Data Development**

- 10 counties: NG911 GIS data used for geospatial call routing
- 21 counties: All 5 required NG911 layers free of critical errors
- 30 counties: RCL and SSAP layers are critical error free
- All counties have been onboarded to the spatial interface
 - RCL, SSAP, and boundary work continues moving west to east
 - 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

➤ **NENA NG911 Standards Update**

- NENA Standard for NG9-1-1 GIS Data Model v2

➤ **NENA NG911 Working Group Updates**

- Working Group: Provisioning & Maintenance of GIS Data to ECRF-LVF WG (v2)
- Working Group: GIS Data Model Templates v2
- Working Group: Data Model v3 ISF & Charter

DATA TASK FORCE

DISCUSSION ITEMS

➤ **Hydrography**

- Raystown EDH Pilot data and Chesapeake Bay data comparison
- NE PA EDH project progress
- Pittsburgh Urban Hydro – awaiting local match
- Agency Coordination Workshop 12/7/22

➤ **Imagery/Elevation**

- PEMA Imagery Program ending 2023
- EWG White Paper (more in JTF Report)
- USGS 3D Nation Report
- USGS 3D National Topography Model

▶ **Roads**

- AEGIST Final Report November 2022

DATA TASK FORCE

DISCUSSION ITEMS

➤ Civic Boundaries

- Statewide BAS – interim plan
- Boundary Quality Study
 - Likely start February / March 2023
 - Documenting protocols
- LGC Symposium and Report to General Assembly

➤ Parcel (County Pro LRC)

- Visioning Workshop
 - State and county participants
 - Live Workshop 12/07/22

➤ Geodetic

- Request for GeoBoard assistance in legislation

SERVICE DELIVERY TASK FORCE

DISCUSSION ITEMS

- ▶ PA Base Map 2030 – Survey initiative to gather data on what services the PA GIS community needs. From survey responses, results indicate:
 - ▶ How do users access data? Download, then download and map services
 - ▶ *Extremely important* for consumers to know the date of datasets
 - ▶ Most users go to PASDA for data and services, then the National map and local data portals
 - ▶ Consuming services preference – both OGC and ESRI endpoints
 - ▶ Functionality importance – data clip and ship, then API endpoints and on-the-fly analysis
 - ▶ Most used software – ArcGIS Pro and AutoCAD
 - ▶ 2/3 of respondents have worked more than 10 years in the industry
 - ▶ **PA has a diversity of geospatial users and needs**
- ▶ PA Data Sharing report is complete
- ▶ Participation in the County Pros Land Records group – a state-wide parcel visioning session is planned for December 6th
- ▶ Set up a data pilot project with the Center for Immersive Experience
- ▶ Plan a metadata workshop in the spring of 2023 or at PA GIS

GOVERNANCE TASK FORCE

DISCUSSION ITEMS

➤ Legislative Review Subcommittee

- HB 609
 - Amended, 10/18/2022. Printers Number: 3566
 - Removed all GIS licensure language and reverted focus back to initial bill (engineering education and training focused).
 - Current Status: Committed 10/26, → proceed to floor for vote
- 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 and publish special report
- Special Report to be posted on the GeoBoard website and can be distributed.

➤ GIS Census Subcommittee

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



JOINT TASK FORCE REPORT

Task Force Leaders

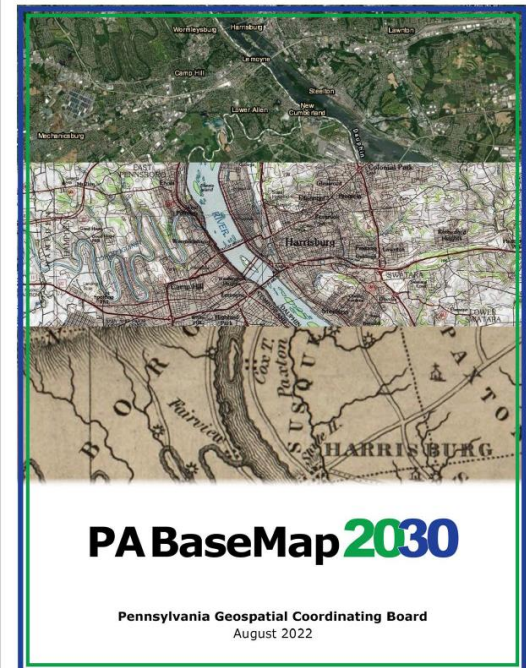
JOINT TASK FORCE REPORT

- **Recent focus on Implementation Tasks**
 - Strategic Plan as guide
 - How are we doing?
 - What can we do better together?

- **Return to original purpose of Joint Task Force**
 - PA BaseMap 2030

 - Enterprise orientation

 - Enterprise purpose



JOINT TASK FORCE REPORT

➤ Site Structure Address Points

- PEMA NG911 Program guidance and funding.
- The aggregated addresses have uses way beyond 911 dispatch.
- Comprehensive mapping of individual addresses is bringing to light address problems that existed before GIS and NG911 standards.
- Important PA BaseMap 2030 Case Study!



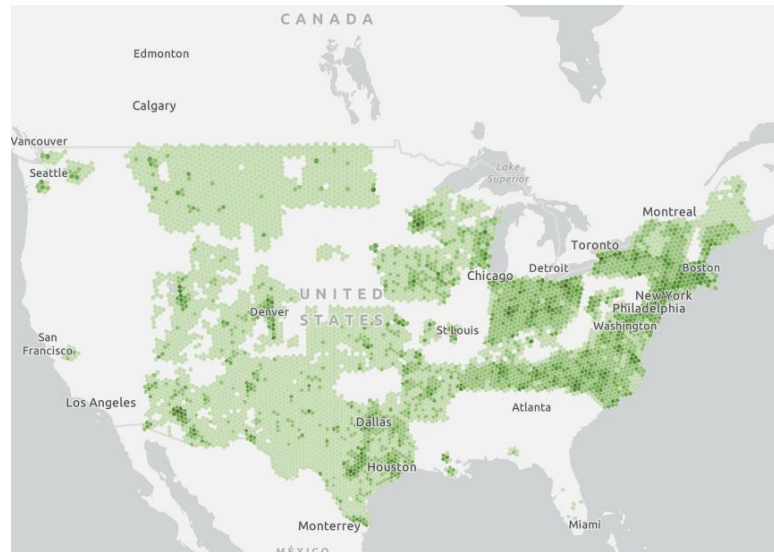
Addressing Challenges

Justin Smith
GIS Manager
Cumberland County, Pennsylvania
October 2022

JOINT TASK FORCE REPORT

➤ Site Structure Address Points – Secondary Use

- Wayfinding and Delivery
- GeoEnabled Elections
- Broadband Serviceable Locations
- National Address Database



JOINT TASK FORCE REPORT

➤ Remote Sensing – Current Practice

- PAMAP Program 2004-2009
- PEMA Imagery Program 2018 – 2023
- Counties’ Needs and Alternatives
- Rapidly Evolving Technologies
- National Programs and Trends



JOINT TASK FORCE REPORT

➤ Remote Sensing – Exploring Alternatives

Recommendations

- Key Executive Agencies should work together, possibly through State Geospatial Coordinating Board members, to identify and establish a state steward and advisory board. Discussions should be open to local government representatives early in the process.
- Open discussions should begin immediately among State Archives, Executive Agencies, PASDA and the Office of Administration to consolidate knowledge of legal requirements and technological opportunities involved with long-term management of remote sensing data. These discussions could be facilitated by members of the State Geospatial Coordinating Board.

JOINT TASK FORCE REPORT

➤ Full Circle – Data TF Implementation Tasks

- Create a functional outline for dataset planning and reporting that can be used to summarize the 'roadmap' for each of the BaseMap 2030 data layers. (December 2022)
- Document a direction on the "how" for the individual Base Map 2030 data layers. Focus is primarily on what we can reasonably and realistically accomplish by 2030 at the latest for each data layer. (December 2023)



OPEN DISCUSSION

OPEN DISCUSSION

➤ Annual Report Planning

- What shall we highlight?
- Same distribution plan?

➤ GeoBoard Continuity

- How might we facilitate new appointments?
- Can we retain current Board members in new roles?
- How best to promote PA BaseMap 2030?

NEW BUSINESS



- Communications - Website update
 - BaseMap 2030 Story Map
 - Roadmap/scorecard

- Topics for March 2023 GeoBoard Meeting

FUTURE MEETINGS

➤ 2023 Meeting Dates

- Thursday, Mar 16 (JTF 2/9)
- Thursday, Jun 8 (JTF 5/4)
- Thursday, Aug 10 (JTF 7/13)
- Thursday, Nov 16 (JTF 10/12)

LOCATION

Virtual Video / Teleconference 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.