



COMMONWEALTH OF
PENNSYLVANIA

**STATE GEOSPATIAL
COORDINATING
BOARD**

BOARD MEETING
MARCH 16, 2023

[STATE GEOSPATIAL COORDINATING BOARD WEBSITE](#)

MEETING AGENDA

- Welcome and Opening Remarks
- Transition Plans
- Task Force Updates
- Joint Task Force Report and Discussion
- New Business
- Adjourn

WELCOME AND INTRODUCTIONS

- Welcome – Mike DeMatt
- Sign-in and Roundtable Introductions – Board Members
- Opening Remarks – Mike DeMatt, Kevin Eaton

TRANSITION PLANS

- General expectations
 - Board actions
- Annual Report transmittal
- Board membership
 - State agency representatives
 - Gubernatorial and House-named
 - Senate-named
 - Organizational members
- Member recognition



TASK FORCE UPDATES

Task Force Leaders

DATA TASK FORCE

DISCUSSION ITEMS

➤ **NG911 Data Development**

- 21 counties: NG911 GIS data used for geospatial call routing
- 37 counties: All 5 required NG911 layers free of critical errors
- 9 counties: Fewer than 100 critical errors
- 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 – increasing requests

➤ **NG911 GIS Working Group**

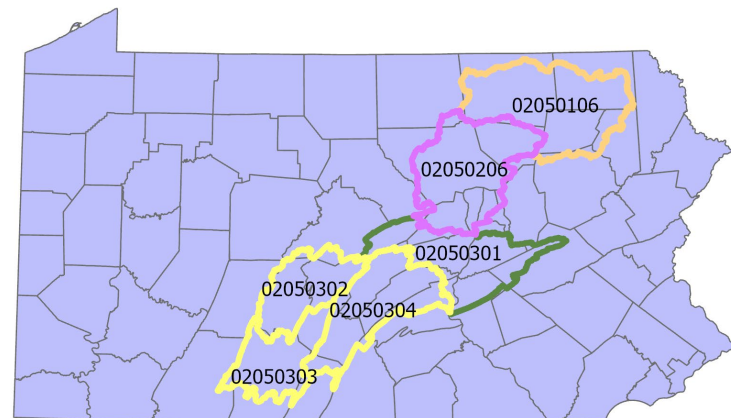
- 2023 Goals/Activities
 - Updating PEMA NG911 GIS Data Model and Best Practices Guide
 - Statewide NG911 GIS Strategic Plan Update

DATA TASK FORCE

DISCUSSION ITEMS

➤ Hydrography

- Raystown EDH Pilot data in final review by USGS
- PA_NE Susquehanna Project in tasking phase
 - NRCS support
 - >5000 sq. miles, building on ChesBay data
- USGS release of 3DHP data model “imminent”
- PAHD Agency Coordination Meeting 12/7/22
- Pittsburgh Urban Hydro Pilot delayed



DATA TASK FORCE

DISCUSSION ITEMS

➤ Civic Boundaries

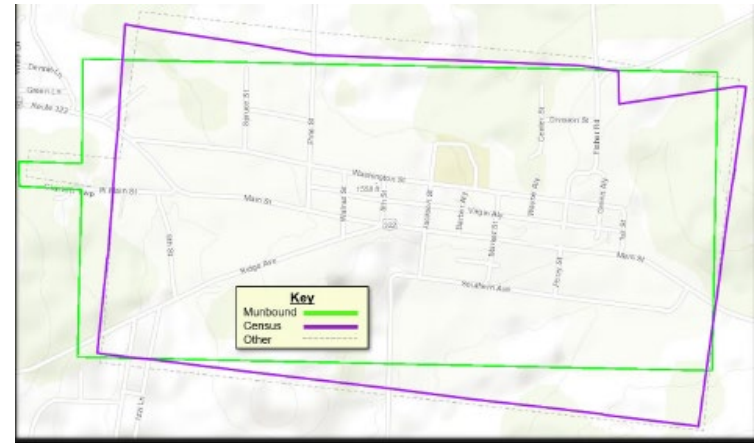
- Statewide BAS fully executed 2/4/23
- Local Government Commission Report approved 2/22/23
- US Census Boundary Quality Project slow to start ...
- First Act 41 boundary change by ordinance

DRAWING LINES:
VARIANCE IN MUNICIPAL
BOUNDARY MAPS



2023

Local Government Commission
General Assembly of the Commonwealth of Pennsylvania
Harrisburg, Pennsylvania

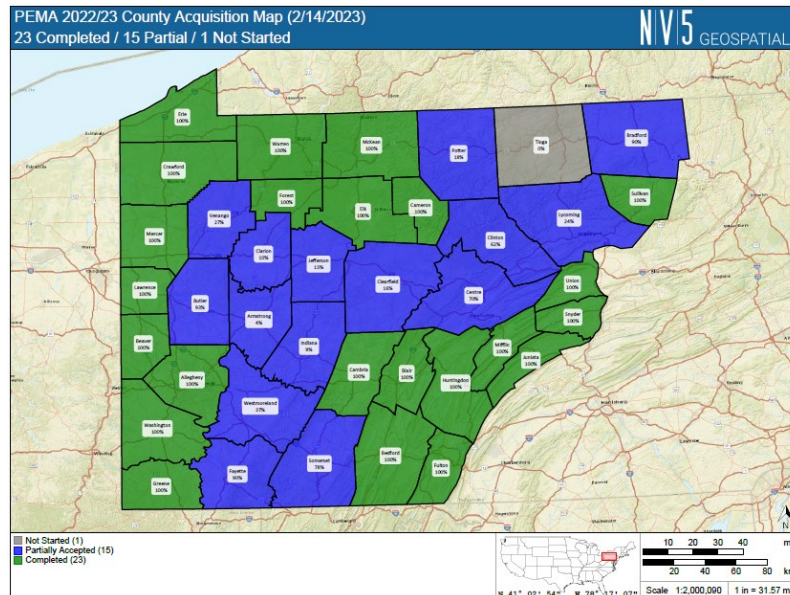


DATA TASK FORCE

DISCUSSION ITEMS

➤ Imagery/Elevation

- Final year of PEMA Imagery Program
- Adding detail to Remote Sensing Policy Recommendation as appendices
 - Adjoining states, 3D Nation, drones
- Short data acquisition season expected
- Potential Dual Sensor Pilot



DATA TASK FORCE

DISCUSSION ITEMS

➤ Geodetic

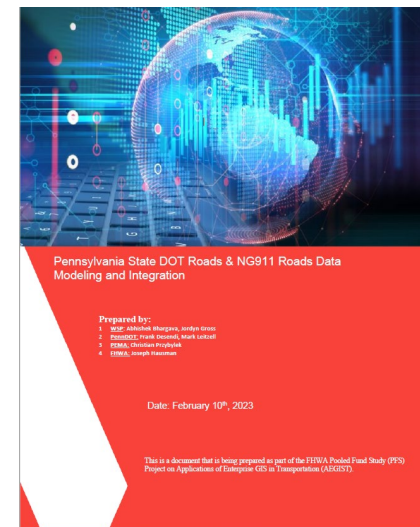
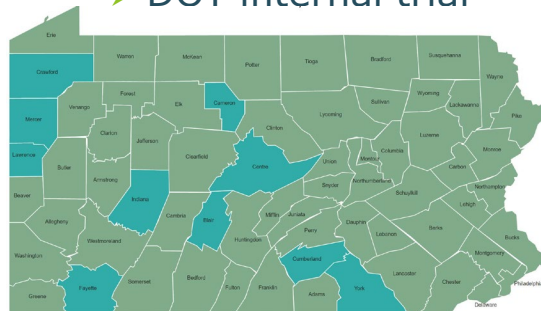
- Readying Official Position to codify State Plane Coordinate System changes for GeoBoard approval.
- Prepared language for PSLS use in drafting legislation

➤ Parcel (County Pro LRC)

- Monthly meetings with expanded team
- Visioning Meeting Summary and action items

➤ Roads (NG911 GIS)

- AEGIST Report Complete
- DOT internal trial



SERVICE DELIVERY TASK FORCE

Discussion Items:

- ▶ Submitted a proposal for a RISE grant with the Center for Immersive Experiences - visualization of county data in a 3D environment using immersive technologies
- ▶ Reports:
 - ▶ Covid-19 Special Report Follow Up - completed
 - ▶ PA Data Sharing Report – completed
 - ▶ PA Basemap 2030 Data and Services Working Group Report - draft
- ▶ Continued participation in the County Pros Land Records group
- ▶ PA Basemap 2030 – received data in 2022 from Luzerne and Somerset Counties (these counties had not previously shared data for this effort)
- ▶ New data at PASDA –
 - ▶ PEMA Imagery – Adams, Crawford, Cumberland and Erie Counties
 - ▶ PA Fish and Boat Commission – Class A Streams and point data, Trout Stocked Streams
- ▶ Plan a metadata workshop in the summer/fall of 2023

GOVERNANCE TASK FORCE

➤ **Legislative Review Subcommittee**

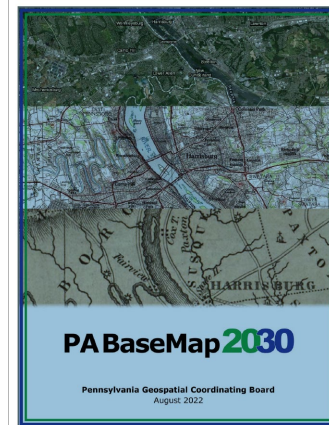
- GeoBoard Reauthorization review
- Previously accomplished for 2020 reauthorization
- *Additional info in Joint Task Force Report*
- Keyword tracking continues

➤ **GIS Census Subcommittee**

- Survey in preparation for release at PA GIS Conference in April
- Focus on workforce is timely

➤ **Communications**

- Affirmed as a primary mission of Task Force
- Possible tool in recruiting TF members



GOVERNANCE TASK FORCE

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](#).

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

GeoBoard Meetings

- March 16, 2023
- June 8, 2023
- August 10, 2023
- November 16, 2023

Additional Resources

[GIS Data Access](#)

[GIS Data Sharing](#)

[PA BaseMap 2030](#)

GeoBoard Library

[2022 GIS Data Sharing Report](#)

[2022 Special Report on Importance of Broadband for GIS](#)

[GeoBoard Library \(includes additional reports\)](#)

[Board and Task Force Member Login](#)



JOINT TASK FORCE REPORT

Task Force Leaders

JOINT TASK FORCE REPORT

State Geospatial Coordinating Board

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- [GeoBoard Members](#)
- [2021 Annual Report](#)
- [Strategic Plan](#)
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Sustainability, Collaboration, Stewardship

JOINT TASK FORCE REPORT

Review of Current Tasks

Data Sharing

- Ongoing* 10 additional existing county signatories sharing data with PASDA (SD)
- Revamp* Enhance reporting of Data Sharing status to better inform Geospatial Community (Governance)
- Revamp* Clarify and streamline data sharing protocols between state agencies and county signatories of the Statewide Data Sharing Agreement (Governance)

Data Access

- Revamp* Expand the availability of streaming data (SD)
- Ongoing* Expand access to imagery (SD)

JOINT TASK FORCE REPORT

Review of Current Tasks

BaseMap 2030

- | | |
|-----------------|--|
| <i>Ongoing</i> | Service Delivery Task Force –PA Basemap 2030 Initiative (SD) |
| <i>Complete</i> | Plan a workshop to outline the 2030 vision for the PA Base Map (Data) |
| <i>Complete</i> | Run workshop to outline the 2030 vision for the PA Base Map and publish results in Special Report of GeoBoard (Data) |

JOINT TASK FORCE REPORT

Review of Current Tasks

GeoBoard Communications

- | | |
|-----------------|---|
| <i>Complete</i> | The GeoBoard should officially create a Broadband Subcommittee ... (Governance) |
| <i>Delete</i> | Develop Reference Library on ROI on Geospatial Investments (Governance) |
| <i>Revise</i> | Enhance Legislative Tracking to better inform Geospatial Community (Governance) |
| <i>Ongoing</i> | Form PA GIS Census Subcommittee (Governance) |
| <i>Ongoing</i> | Create a working group to research and execute ways to enhance the GeoBoard's presence in the Commonwealth and in the broader geospatial community nationwide. (Governance) |

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	<u>Governance Task Force</u> - Review the efficacy and relevance of the GeoBoard as currently constituted and recommend changes to its structure and operation in preparation for reauthorization or sunset in June 2024.
Estimated Start Date	3/16/2023
Estimated Completion Date	6/30/2023
Metrics/Measurables	Produce a succinct report recommending changes to the structure and operations of the GeoBoard based on accomplishments and limitations noted since 2016 start of operations. <ul style="list-style-type: none">• Review distinction between voting and non-voting members• Review 'Products of the GeoBoard' for continued utility• Discuss meeting cadence and what differentiates each meeting type per quarter, and the effect of technical advances in virtual meeting use on scheduling and effectiveness• Review Task Force charters• Consider sunset rather than reauthorization
Other Entities Involved	Outgoing Board members
Strategic Plan Relation(s)	Theme: Sustainability Objective: Enhance use of shared data, Expand opportunities for input from the broader community

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	<u>Data Task Force / Governance Task Force</u> - Formalize outward communications about the status and plans for each PA BaseMap layer
Estimated Start Date	3/16/2023
Estimated Completion Date	12/1/2023
Metrics/Measurables	<p>Each working group will create, approve and publish working group brief(s) in the BaseMap 2030 portion of the public website.</p> <ul style="list-style-type: none">• Additional review by Leadership Team <p>As determined by each working group, the library may include outside documents and reports that reflect national trends or support the effort in the Commonwealth.</p>
Other Entities Involved	GeoBoard Leadership Team, individual Working Groups
Strategic Plan Relation(s)	<p>Theme: Collaboration</p> <p>Objective: Enhance GeoBoard communications.</p> <ul style="list-style-type: none">• Increase dissemination of GeoBoard / task force / subcommittee activities, events, and documents.• Expand opportunities for feedback and input from the broader geospatial community.• Establish consolidated point of GeoBoard communication and messaging to ensure consistency.

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	Data Task Force – Each Working Group will create and publish a road map for data layer planning that informs data development and maintenance decisions by agencies and organizations in that working group and reflects the functional requirements and the integration of each dataset as a component in PA BaseMap 2030.
Estimated Start Date	3/16/2023
Estimated Completion Date	11/30/2023
Metrics/Measurables	<p>Data layer road map published on GeoBoard public website, and will include information about:</p> <ul style="list-style-type: none"> • Goal or vision for the data layer by 2030 • Pertinent data standards • Data stewardship and logical partners • Connections with other data layers • Opportunities and constraints
Other Entities Involved	All GeoBoard members
Strategic Plan Relation(s)	<p>Theme: Stewardship</p> <p>Objective: Enhance governance and stewardship of geospatial data.</p> <ul style="list-style-type: none"> • Promote the establishment of data stewards for spatial datasets. • Promote common data standards, best practices, and strategies to ensure geospatial data is authoritative, well documented, and updated at regular frequencies. • Promote common schemas, frameworks, and tools to help combine disparately authored data into a single dataset.

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	Data Task Force - Convene a series of meetings where representatives of all data working groups present their case study to enhance its connection to other data layers.
Estimated Start Date	3/16/2023
Estimated Completion Date	11/30/2023
Metrics/Measurables	<p>Convene at least 2 meetings of all working groups together; hybrid format possible.</p> <ul style="list-style-type: none"> • First workshop should establish minimum criteria for case studies and first cut at listing relationships among datasets. • NG911 and DOT's 3D2025 integration with elevation dataset should be prominent as connections among datasets
Other Entities Involved	GeoBoard Leadership Team, individual Working Groups
Strategic Plan Relation(s)	<p>Theme: Sustainability Objective: Promote sustainable funding</p> <ul style="list-style-type: none"> • Demonstrate the utility and value of coordinated spatial operations. <p>Theme: Collaboration Objective: Enhance collaboration in the development and use of geospatial solutions.</p> <ul style="list-style-type: none"> • Promote collaboration in planning to maximize available resources when developing applications, services, and platforms that could meet multiple stakeholder's business needs without duplication of the effort.

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	Service Delivery Task Force – Identify parties and funding to engage in a long-range study regarding methods of, and responsibility for data access, archive, and security for data elements of PA BaseMap 2030. Scope would encompass public and private access requirements, include local government data, and a minimum time frame of 50 years.
Estimated Start Date	3/16/2023
Estimated Completion Date	11/30/2023 (somewhat dependent on data integration task)
Metrics/Measurables	Succinct description of a study to review options and requirements
Other Entities Involved	TBD as this needs involvement of entities not yet associated with GeoBoard.
Strategic Plan Relation(s)	Theme: Sustainability Objective: Promote sustainable funding o Identify and endorse funding opportunities for impactful, wide reaching business programs and initiatives underpinned by spatial data.

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	Leadership Team – Document current data sharing practices and expectations among state agencies and signatories of the Statewide Data Sharing Agreement and propose changes that would promote increased collaboration and agility in sharing among governments.
Estimated Start Date	Revision of task dated 11/30/2021 (was Governance Task Force)
Estimated Completion Date	11/30/2023
Metrics/Measurables	Succinct report on current practices and on possible policy directions to increase sharing. Bureau of Geospatial Services establish and promote Standard Operating Procedures for Data Transfer
Other Entities Involved	OGC, ODDT, County GIS Pros, CCAP
Strategic Plan Relation(s)	Theme: Collaboration Objective: Continue to promote data sharing and increase the number of entities that participate in the GeoBoard Data Sharing Agreement

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	Service Delivery Task Force - 3DPA Demonstration Program will foster innovative uses of PA data in 3D environments by public, private and academic stakeholders. The goal will be to build an incubator type environment for enabling 3DPA on a broader scale that shows the potential for hosting and providing access to 3D data.
Estimated Start Date	3/16/2023
Estimated Completion Date	6/30/2024
Metrics/Measurables	<p>Mechanisms will be in place so that interested parties can demonstrate their applications and/or test pilot versions of proposed solutions using open PA data over the specified region</p> <ul style="list-style-type: none"> • No costs will be borne by the Commonwealth except where it initiates such activity • There may be multiple regions selected as demonstration areas • Data management demonstrations are welcome
Other Entities Involved	Private companies, academic institutions, all levels of government
Strategic Plan Relation(s)	<p>Theme: Sustainability</p> <p>Objective: Promote sustainable resources.</p> <p>Theme: Collaboration</p> <p>Objective: Enhance open data sharing and use of shared data.</p> <p>Objective: Enhance collaboration in the development and use of geospatial solutions.</p>

JOINT TASK FORCE REPORT

DRAFT Implementation Task

Task / Item	<u>Governance Task Force</u> – PA GIS Census development and reporting
Estimated Start Date	Revision of task dated 11/30/2021
Estimated Completion Date	12/30/2023
Metrics/Measurables	Initial survey released at PA GIS Conference in April 2023 Secondary survey developed from initial responses
Other Entities Involved	PASSHE, Dept. of Education
Strategic Plan Relation(s)	Theme: Sustainability Objective: Promote sustainable resources. <ul style="list-style-type: none">• Encourage the recruitment, training, and retention of qualified geospatial talent.• Encourage training and education focused on real-world, cutting-edge geospatial technology to prepare individuals for careers that contribute to the Commonwealth’s geospatial future regardless of entity.

JOINT TASK FORCE REPORT

DRAFT Implementation Task



Task / Item	Opportunity or New Business Topic
Estimated Start Date	
Estimated Completion Date	
Metrics/Measurables	
Other Entities Involved	
Strategic Plan Relation(s)	Theme: Objective:

NEW BUSINESS

- 
- NSGIC Midyear Meeting Report
 - PA GIS Conference – April 10-12
 - Hosted by Keystone GIS
 - Topics for next meeting – All

FUTURE MEETINGS

- June 8, 2023
- August 10, 2023
- November 16, 2023

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.*