COMMONWEALTH OF PENNSYLVANIA

STATE GEOSPATIAL COORDINATING BOARD

MARCH 17, 2022

STATE GEOSPATIAL COORDINATING BOARD WEBSITE

MEETING AGENDA

➢ Welcome and Opening Remarks

➢ Joint Task Force Update

➢ Task Force Updates

➢ Executive Director Update

➢ New Business

- • NENA / NG-911 workgroup update
- • County Pros ROI workshop
- • NSGIC Midyear
- • Topics for next meeting

➢ Open Discussion

- • Base Map 2030
- • 3DPA Demo Area
- • Broadband
- • New Business Topics

➢ Adjourn

WELCOME AND OPENING REMARKS

John MacMillan

Kevin Eaton

02/10/2022 JOINT TASK FORCE UPDATE

Mary Fulton

TASK FORCE UPDATES

Jeff Boyle

Laura Lettiere

Kevin Eaton

DATA PROGRAM TASK FORCE

DISCUSSION ITEMS

➢ **NG911 Data Development**

- RCL, SSAP, and boundary work continues moving west to east
- SW, NW, and SCM regions positioned to support geospatial routing
- Spatial interface onboarding for NC recently completed
- Remaining regions onboarded by August 2022
    - South Central – April 2022
    - NE – July 2022
    - SE – August 2022
- Counties asked to upload data every 2 weeks
- Monthly update calls

➢ **NG911 GIS Working Group**

- Spatial interface output review
- Review/update NG911 data model
- GIS layer change management guidance
- Review opportunities for partnerships
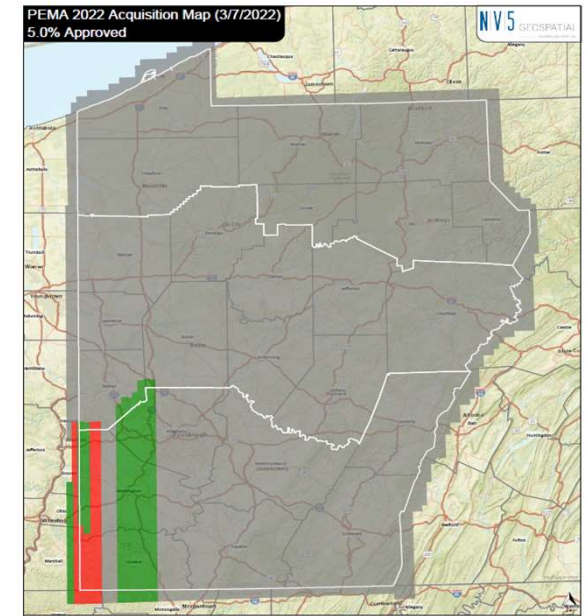- Update Statewide NG911 GIS Strategic Plan

DATA PROGRAM TASK FORCE

DISCUSSION ITEMS

➤ **Hydrography**
- Multi-agency coordination call held February 4
- 8th annual workshop held March 2
- USGS 3DHP connections
- Technical workshop at PA GIS Conference
- Raystown elevation-derived hydrography pilot

➤ **Imagery / Elevation**
- 3D framework definition in progress
- Build roadmap for program evolution
- More in Open Discussion item #1

DATA PROGRAM TASK FORCE

DISCUSSION ITEMS

➢ **Civic Boundaries**
- Census MOU: active exchange of language and ideas
  - Final "traditional" BAS underway
- Census BQARP program
  - 2-3 county trial to align with DOT
  - Census' idea for corrections
- HB1877
  - Moving through State Senate
  - Boundary change by ordinance
  - Uniform boundary change reporting

➢ **Parcel**
- STEB initiative in review

➢ **Geodetic**
- Working group reactivation meeting 1/25 during PSLS Conference
- Education focus

➢ **Transportation**
- AEGIST study getting underway, seeks to integrate NG911 road centerlines with DOT centerline inventory, geometry, and attributes.

DATA PROGRAM TASK FORCE

BaseMap 2030 Kickoff
March 30, 2022

Goal: Use a case study of the development of Site Structure Address Points (SSAP) to guide development of long-range planning for other statewide base map datasets.

Workshop Format
➢ Morning informational session - Hybrid
➢ Afternoon work session -   Live

Work Products
➢ Immediate roadmap elevation / imagery (2 year)
➢ Long-term roadmap elevation / imagery (8 years)
➢ Narrative at multiple levels
➢ Plan for additional workshops before end of year
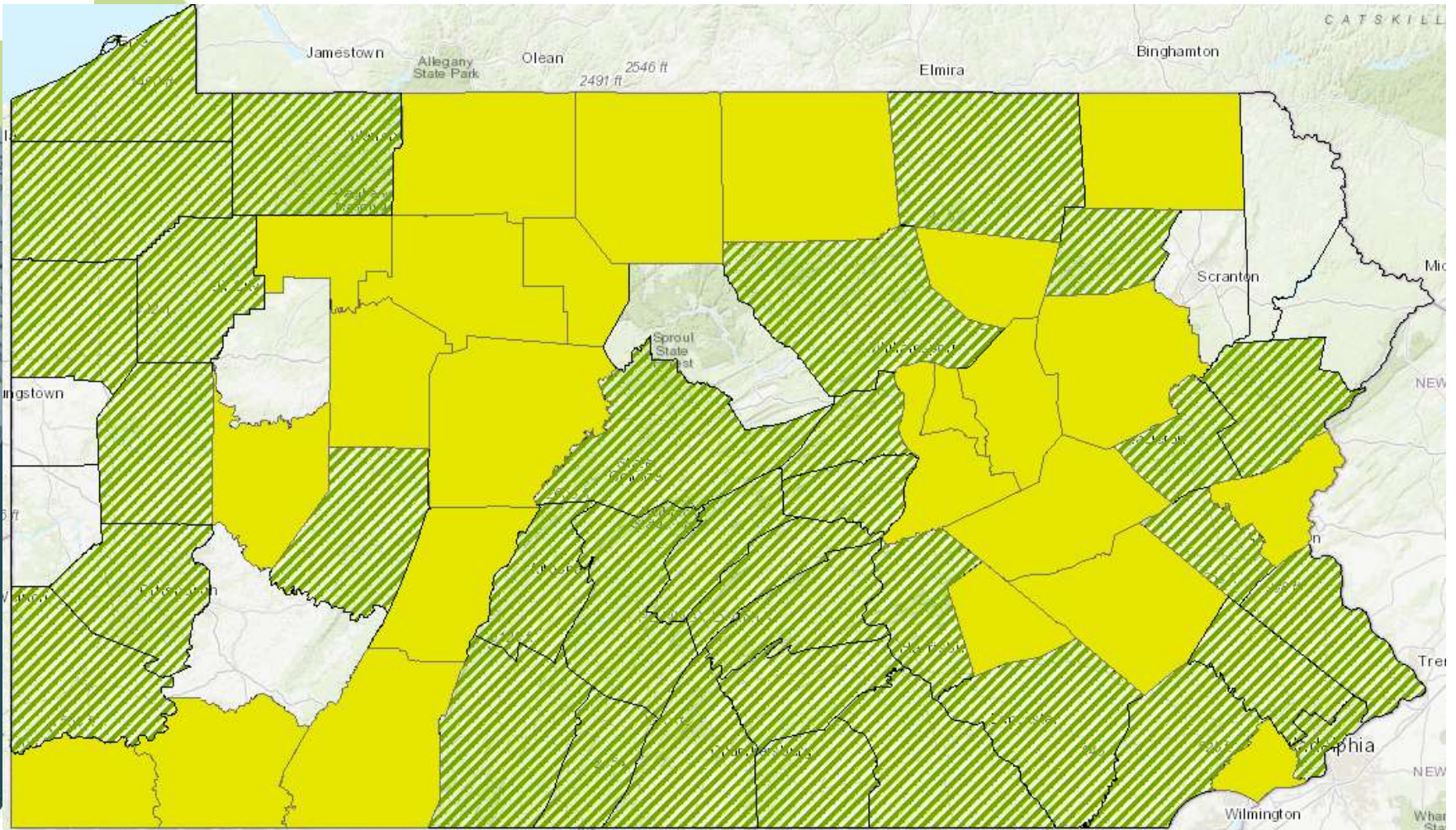➢ Recorded case study: Addresses

More in Open Discussion item #1.

SERVICE DELIVERY TASK FORCE

DATA SHARING AS OF 03/17/2022

SERVICE DELIVERY TASK FORCE

DISCUSSION ITEMS

➢ Signed agreements: holding steady at 59 counties and 1 planning commission.

➢ Continued meetings with individual counties. Contacted Jefferson, Somerset, Luzerne, Berks. Good results so far!

➢ Met with OA Open Data Portal team.

➢ Met with FEMA Region 3 lead mitigation planner for PA regarding coordinating access to local data requests.

➢ PEMA imagery: Franklin County should be available on PASDA by mid to late March. Cumberland, Perry, Wyoming, York, Susquehanna, and Lackawanna are next in line for delivery.

➢ PASDA reports

   • PEMA Imagery Project report is available

   • Pennsylvania Data Sharing report work in progress

➢ Submitted presentation abstract for PA GIS Conference on data sharing.

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GOVERNANCE TASK FORCE

DISCUSSION ITEMS

➢ Combined implementation approach documents submitted by Task Force groups, 13 total.

➢ Expect updates as implementation approach items are completed or added.

➢ Grouped into focus areas

- Data sharing
- Data access
- Base Map 2030
- Communications

➢ Published to GeoBoard Sharepoint Strategic Plan folder.

- Governance Task Force - Combined Implementation Approach (Final).pdf

➢ Many items are in progress in several Task Force groups.

GOVERNANCE TASK FORCE

DISCUSSION ITEMS

➢ **Legislative Review Subcommittee**

- HB609 – Remains in Senate Committee for Consumer Protection & Professional Licensure since 5/5/2021.

- Set up legislation keyword monitoring for "geospatial OR GIS OR imagery OR geography OR surveyor OR mapping OR cartography OR GPS".

➢ **Broadband Development Subcommittee**

- Subcommittee focused on identifying and highlighting the importance of using GIS capabilities to guide development and how service is essential to residents.

- Opportunity to produce a special report on the topic for the GeoBoard and beyond. More in Open Discussion item #3.

➢ **GIS Census Subcommittee**

- Subcommittee focused on identifying current state and trends across various entities (public, academic, private, non-profit) within Pennsylvania.

- Opportunity to produce a special report and leverage information to enhance collaboration and coordination.

EXECUTIVE DIRECTOR

Task	Est. % of Time
Data sharing	5
Working group operations	15
Base Map / Strategic planning	30
Communications	40
Volunteerism and Board membership	10
Total	100

Note: Percentages represent estimated time since last meeting.

➤ **Communications**
  - Sponsor briefings
  - Task forces and working groups
  - PA GIS Conference plans

➤ **Base Map**
  - Base Map 2030, more in Open Discussion item #1
  - 3DPA demo area, more in Open Discussion item #2

NEW BUSINESS

➢ NENA / NG-911 workgroup – Barry Hutchins

➢ County Pros ROI Workshop – Seth Kerr

➢ NSGIC Midyear – Mary Fulton / Eric Jespersen

➢ Topics for next meeting – All
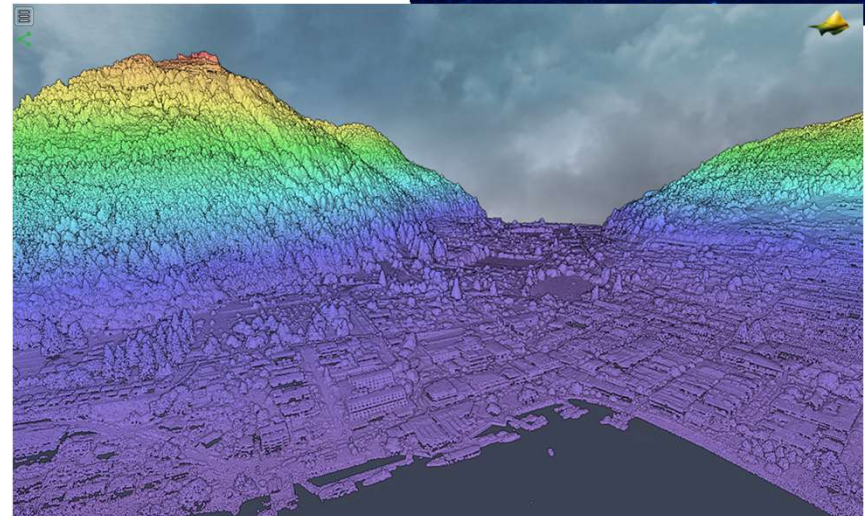
• More in Open Discussion item #4

NSGIC MIDYEAR

- **National Address Database (NAD)**
  - Google and Amazon ingesting the data
  - Reciprocity?
- **GIS in Elections / GIS in the Courts**
- **3DEP Data Challenges**
  - How to manage more data long term
- **3DHP Grant Program**
  - NSDI governance pilot
- **Casting Forward**
  - National parcel database
  - Climate resilience
  - COVID lessons
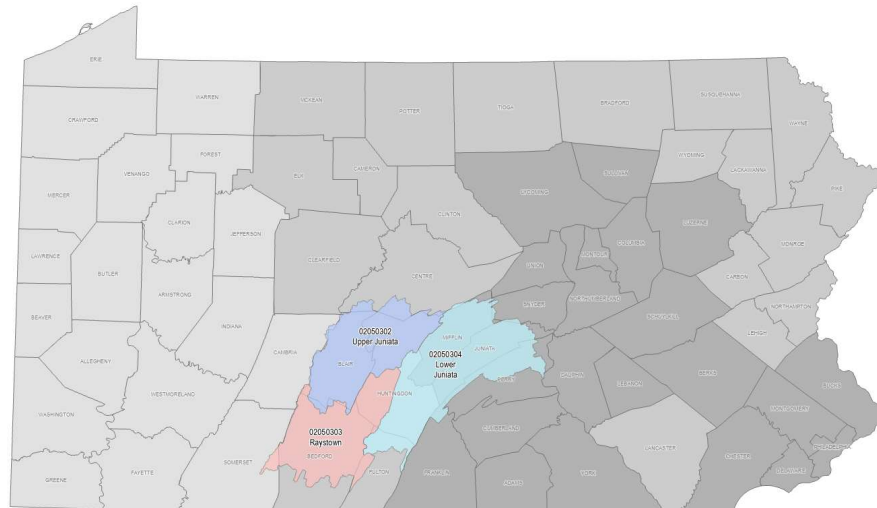
OPEN DISCUSSION ITEM #1

Base Map 2030

➢ Standard data
➢ Dense, integrated 3D data
➢ Predictable update cycles
➢ Open data
➢ Singular geometries
  • Roads
  • Hydro
  • Boundaries
➢ Shared applications
➢ Analytics

OPEN DISCUSSION ITEM #2

3DPA Demo Area

➤ Raystown elevation-derived hydrography pilot

➤ USFWS National wetland inventory review

➤ Cambria County NG911 3D demonstration

➤ Stone Valley Experimental Forest

➤ Broad Top Coalfield 3D geologic mapping

➤ Minor Urban MS4 integration

OPEN DISCUSSION ITEM #3

Broadband Subcommittee Interests

➢ GeoBoard outreach to Broadband Development Authority

➢ GeoBoard guidance on mapping broadband services

➢ White Paper: Centrality of Broadband to Citizen Services

OPEN DISCUSSION ITEM #4

NEW BUSINESS TOPICS

➤ **33 Topics Tracked**
- Informal tracking with some duplications
- Declining use since 2020

➤ **Notable Successes**
- Data sharing agreement
- GIS job classifications
- GeoBoard reauthorization
- NATREF recommendations

➤ **Future Needs / Alternatives**
- Tracking: clear status indicators
- Removing duplicates
- Managing complexity

➤ **Questions**
- Is New Business topic identification and progression still needed?
- What are appropriate criteria to purge?

FUTURE MEETINGS

➢May 26, 2022 – 1:30 PM ET

➢August 11, 2022 – 1:30 PM ET

➢November 17, 2022 – 1:30 PM ET

LOCATION

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

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