

National Collaboration

Bicycle, Pedestrian, and Accessibility Infrastructure Data



U.S. Department of Transportation
Office of the Secretary of Transportation

Bureau of Transportation Statistics

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Facilitators | Bureau of Transportation Statistics

- **Derald Dudley**, Chair, FGDC Geospatial Transportation Subcommittee
- **Justyna Goworowska**, Spatial Transportation Data Analyst
- **Jay Davis**, Presidential Innovation Fellow
- **Grace Bowen**, ORISE Fellow
- **Cyrus Chimento**, ORISE Fellow

Agenda

Welcome <ul style="list-style-type: none">• Housekeeping• Recap• Meeting objectives	Cyrus Chimento	10 minutes
Membership and Decision-Making Procedure <ul style="list-style-type: none">• Share latest draft• Consensus	Derald Dudley	15 minutes
Collaboration Purpose and Scope <ul style="list-style-type: none">• Share latest drafts• Breakout discussion• Share with group	All Facilitators	50 minutes
Explain Co-chair Elections Process <ul style="list-style-type: none">• Explain co-chair role• Explain election process• Share form for nominations	Derald Dudley	15 minutes
Closing	Cyrus Chimento	<1 minute

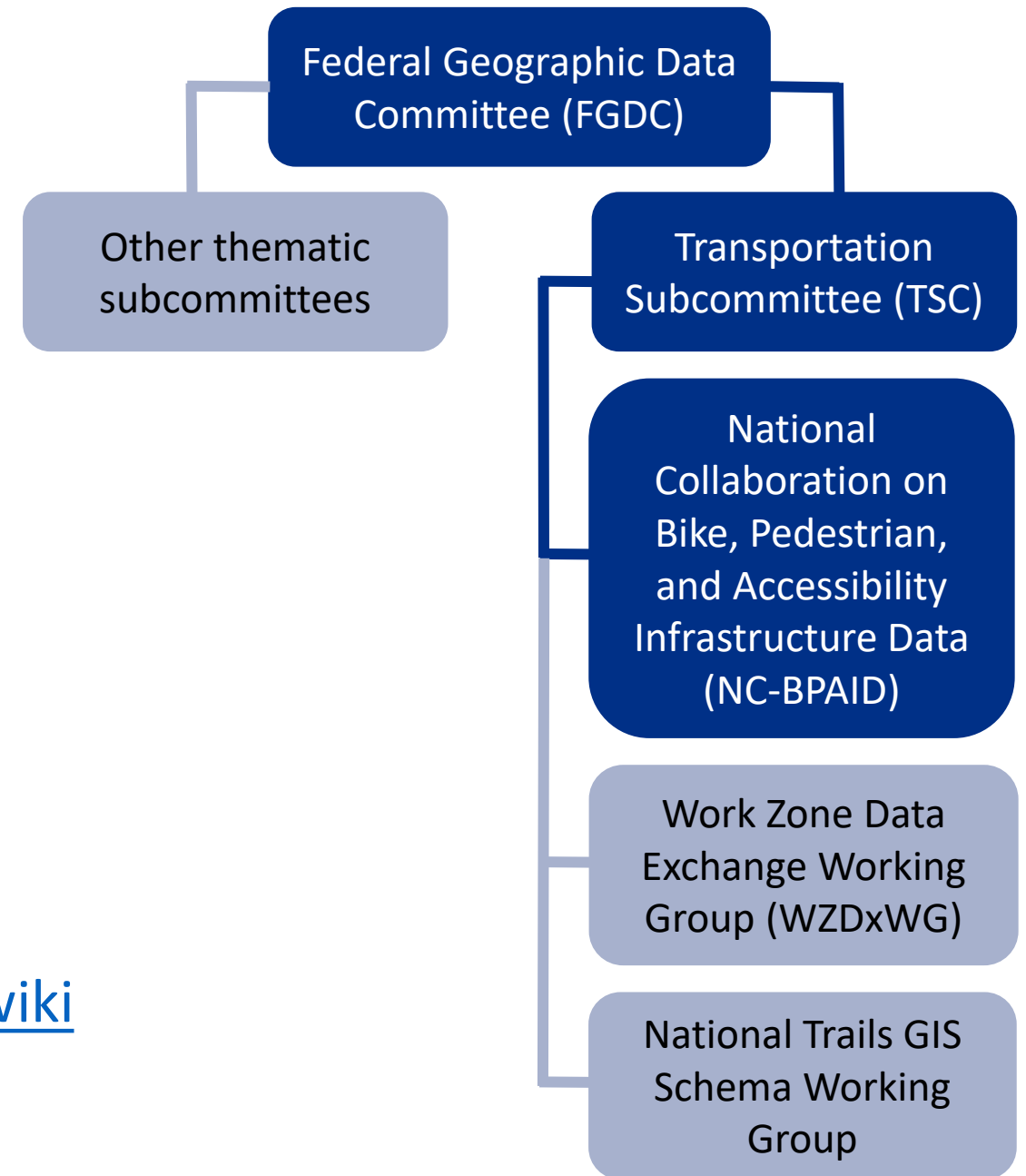
Housekeeping

- Please stay muted to reduce background noise. If you would like to speak or ask a question, please raise your hand and unmute when acknowledged.
- Type any questions you have into the chat. We will be monitoring the chat and will respond or raise your questions.
- Please type your affiliation in the chat.
- Post-meeting content will be available within about a week at: <https://github.com/dotbts/BPA/wiki>

Recap

- Why are we here?
- Why is the Bureau of Transportation Statistics (BTS) facilitating?
- What happened at the last meeting?

Details: <https://github.com/dotbts/BPA/wiki>



Purpose and Objectives of Today's Meeting

The purpose of today's meeting is to establish the **operations** of working together as a cross-sector, multi-stakeholder collaboration so that we can be successful in pursuing the **content** of the collaboration.

1. Majority vote on the membership and decision-making procedure.
2. Propose a draft collaboration purpose and scope, and discuss.
3. Explain and start the co-chair election process.

Membership and Decision-Making Procedure

Derald Dudley

Membership and Decision-Making Procedures

- To move forward (electing co-chairs, establishing a purpose and scope, etc.) we need to agree on the decision-making procedure.
- <https://github.com/dotbts/BPA/blob/main/documents/drafts/CollaborationFramework.md#membership>

Collaboration Purpose and Scope

Cyrus Chimento

Context

- The Work Zone Data Exchange Working Group (WZDxWG) was a previous initiative of the FGDC's Transportation Subcommittee.
- The WZDx specification extends the US Road Specification to accommodate work zones.
- WZDxWG tried to model its efforts on the General Transit Feed Specification (GTFS), a successful model of adoption of a specification by the broader community.
- For NC-BPAID, we are using the WZDx materials as a starting point.

Proposed Purpose

Work Zone Data Exchange (WZDx) Working Group

...extends the United States Road Specification (USRS) to accommodate work zones. The WZDWG defines explicit, comprehensive, and consistent definitions of the features, attributes, and vocabulary needed to model work zone activity data.

<https://github.com/usdot-jpo-ode/wzdx/wiki/Work-Zone-Data-Working-Group-Charter>

National Collaboration on Bicycle, Pedestrian, and Accessibility Infrastructure Data (NC-BPAID)

...advances public domain, comprehensive, interoperable data on bike, pedestrian, and accessibility infrastructure that informs decision-making on the part of individual travelers, as well as the government, private, nonprofit, and academic sectors.

Proposed Scope

Work Zone Data Exchange (WZDx) Working Group

The scope of the WZDWG is to incorporate information on work zone activity in planning, real-time, and historical operational contexts. This effort builds on the operational data framework established through the USDOT's Work Zone Data Initiative (WZDI), and further advanced through the functional open-data sharing platform facilitated by the Work Zone Data Exchange (WZDx).

National Collaboration on Bicycle, Pedestrian, and Accessibility Infrastructure Data (NC-BPAID)

...promotes the findability, accessibility, interoperability, and reusability¹ of bicycle, pedestrian, and accessibility infrastructure data through the development or endorsement, adoption, and widespread implementation of open standards and practices that support the efficient collection, exchange, and portability of these types of data².

1. <https://www.go-fair.org/fair-principles/>
2. <https://www.interoperablemobility.org/>

Proposed Scope

Work Zone Data Exchange (WZDx) Working Group

The WZDWG will establish an independent, sustainable Work Zone Data governance organization that will eventually lead the work of maintaining the work zone data standard, soliciting representative involvement from the broad spectrum of work zone data stakeholders.

National Collaboration on Bicycle, Pedestrian, and Accessibility Infrastructure Data (NC-BPAID)

...fosters an independent, sustainable bicycle, pedestrian, and accessibility infrastructure data governance organization that will eventually lead the work of maintaining the specifications, soliciting representative involvement from the broad spectrum of stakeholders.

Breakout Rooms

What are you doing?

Discussion

- What do you think about the proposed purpose and scope? What do you like? What needs improvement?
- Does it adequately represent what you want to get out of participating in this collaboration?

How are you doing it?

- Four breakout rooms (recorded)
- 30 min
- BTS facilitators will take notes
- Need one volunteer in each room to be spokesperson
- https://docs.google.com/document/d/12njHhnl3tiPZYPC8lxtNpJCWarx3sHVV31rBGLrK_Us/edit?usp=sharing

Co-Chair Elections Process

Derald Dudley

Co-Chair Role

- Three co-chairs
- All members are eligible, one candidate per organization
- Ideal Candidates
 - Leaders who are familiar with their organization's bike, pedestrian, and accessibility infrastructure data assets, needs, and challenges.
 - Have a deep level of technical acumen, commensurate with the level of specific data sets used by their organization.
 - Ideally in a position to drive adoption (e.g., establishing data feeds or standards) within their organization.
- Responsibilities
 - Strategic leadership of the collaboration.
 - Guide the formation of the collaboration's objectives and activities.
 - Co-host meetings.
 - Advise subgroups.
- Time Commitment
 - 1-year term
 - ~5 hours/month
 - If a co-chair exits their term early, a new co-chair will be elected for the remainder of the vacated term.

Co-Chair Nominations

- Co-chairs may self-nominate or be nominated by a collaboration member
- Nominations will be accepted for 1 week (February 29 – March 7)
- Nominees will be notified and given a chance to advocate their candidacy before voting starts
- Special session: Thursday, March 14, 2024 @ 3pm-4pm ET

Co-Chair Elections

- Voting will be conducted through a form and be open for 1 week (March 14 – March 21)
- The Geospatial Transportation Subcommittee will tally the votes
- One organization, one vote (designate your voting member!)
- Ranked choice vote
- Election audits are available upon request

Thank you!

Special session: Thursday, March 14, 2024 @ 3-4pm ET

Next full meeting: Thursday, March 28, 2024 @ 3-4:30pm ET

Contribute on GitHub: <https://github.com/dotbts/BPA>

Contact: Cyrus Chimento (cyrus.chimento.ctr@dot.gov)



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