AASHTO
Joint Subcommittee on Data
Standardization
(J-Stan) Update

Trisha Stefanski, P.E.,| Office Director| Office of Asset Mgmt |
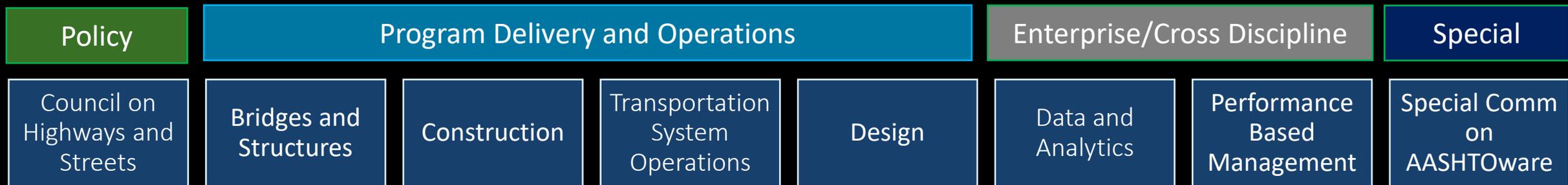Minnesota Department of Transportation |

Chair of AASHTO Subcommittee on Data Standards (J-Stan)
Co-Chair of BuildingSMART USA Roads and Bridges
Member AASHTO AM Subcommittee
Member TRB Maintenance Mgmt Committee

AASHTO Joint Subcommittee on Data Standards (J-Stan)

Resolved, That an internal, cross-committee, multi-disciplined group within AASHTO should be formed to coordinate schema development, identify gaps, resolve any conflicts, and avoid duplication of efforts; and

October 2019

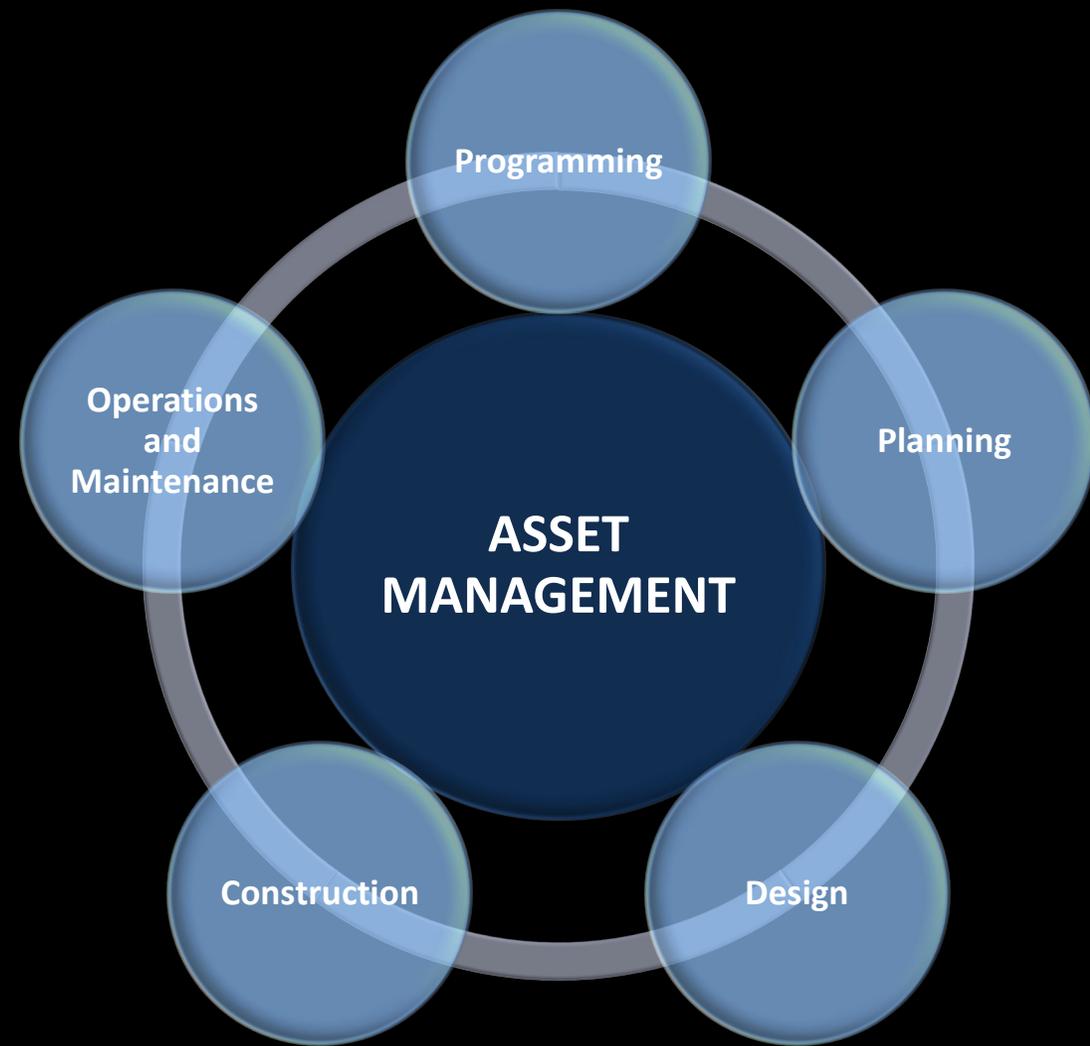AASHTO Board Approved Resolution AR-1-19 Established J-Stan

Policy	Program Delivery and Operations				Enterprise/Cross Discipline		Special
Council on Highways and Streets	Bridges and Structures	Construction	Transportation System Operations	Design	Data and Analytics	Performance Based Management	Special Comm on AASHTOware

J-Stan

Two Members From Each Parent Committee

https://transportation.org/data/jstan/

J-Stan Mission Statement

To **champion** and **coordinate** efficient information flow throughout the lifecycle of all assets and related information that comprise our transportation systems.

This will be achieved through open data standards, data governance, schema development, and collaborative public and private partnerships.

AASHTO Joint Sub-committee on Data Standardization (J-STAN) Members

Bridges and Structures
- Cheryl Simmons, UDOT
- Scott Westerfield, MSDOT

Construction
- Shawn Smith, Maine DOT
- Cassidy Blowers, DelDOT

Data and Analytics
- Will Holmes, KYTC
- Mark Snyder, Idaho DOT

Design
- Jennifer Lloyd, TNDOT
- *Vacant*

Performance Based Management
- Trisha Stefanski, MnDOT
- *Vacant*

Special Comm on AASHTOware
- Lou Ann Daugherty, NDOT
- *Vacant*

Transportation System Operations
- Matt Miller, Iowa DOT
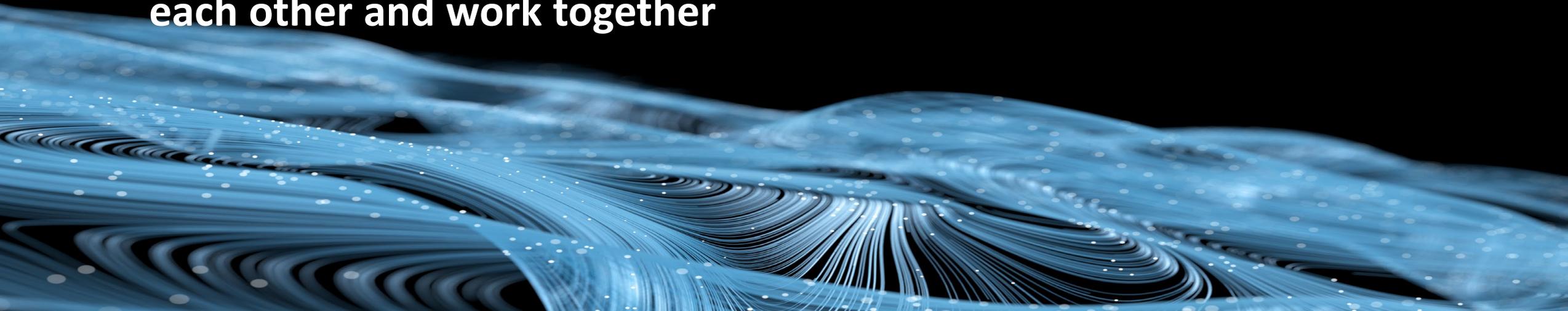- *Vacant*

Council on Highways and Streets
- *Vacant*
- *Vacant*

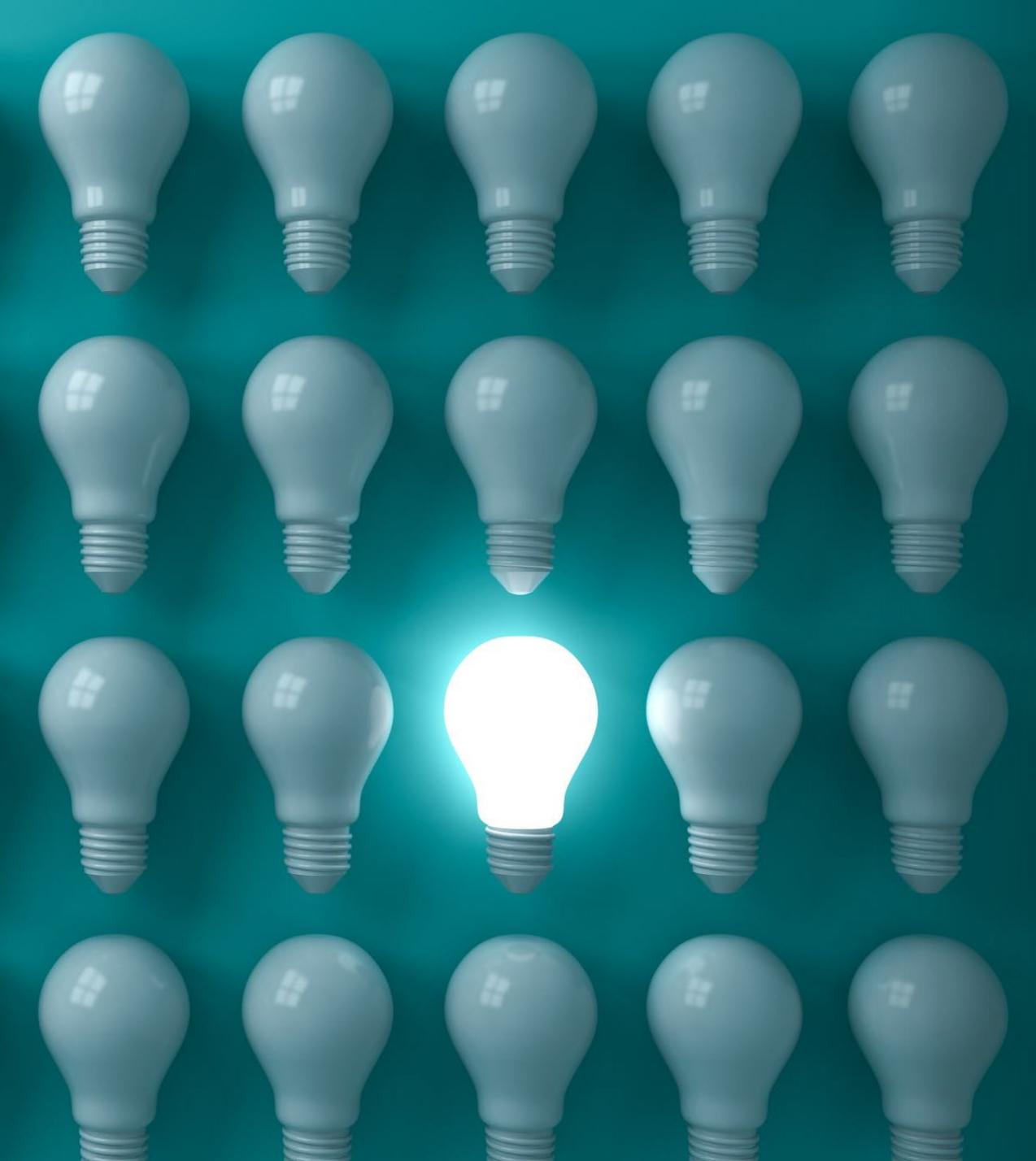Chair - Trisha Stefanski   Vice-Chair Will Holmes

What Are "Modern" Transportation Data Standards

- **Agreed-upon rules** for how transportation-related data is **formatted, shared, and interpreted** between systems, vehicles, infrastructure, and people.

- A **common language** that allows different technologies—like traffic signals, buses, GPS apps, and autonomous vehicles—to **understand each other and work together**

2025 AASHTO Annual Meeting In Salt Lake City

- Council on Highways and Streets
  - *The Council on Highways and Streets shall address issues related to highway and street planning, design, construction, operation, and maintenance, and shall provide input on related policy issues and cross-cutting/multimodal issues to the Transportation Policy Forum.*
  - Presentation from UDOT on Behalf of J-Stan

- Strategic Management Committee
  - Comprising AASHTO elected leadership and chairs of AASHTO's modal councils.
  - Discussed J-Stan's Accomplishments
  - Discussed Collaborative Work of AASHTO committees in BIM and digital delivery.

AASHTO Task Force on Data Standards For Digital Delivery and Asset Management Established

- Established by Strategic Management Committee
- Chaired by a member of the AASHTO Board of Directors
- The task force will include the Chairs (or their designees) of:
    - Council on Highways and Streets
    - Data Management and Analytics
    - Bridges and Structures
    - Construction
    - Design
    - Maintenance
    - Performance-based Management
    - Special Committee on AASHTOWare
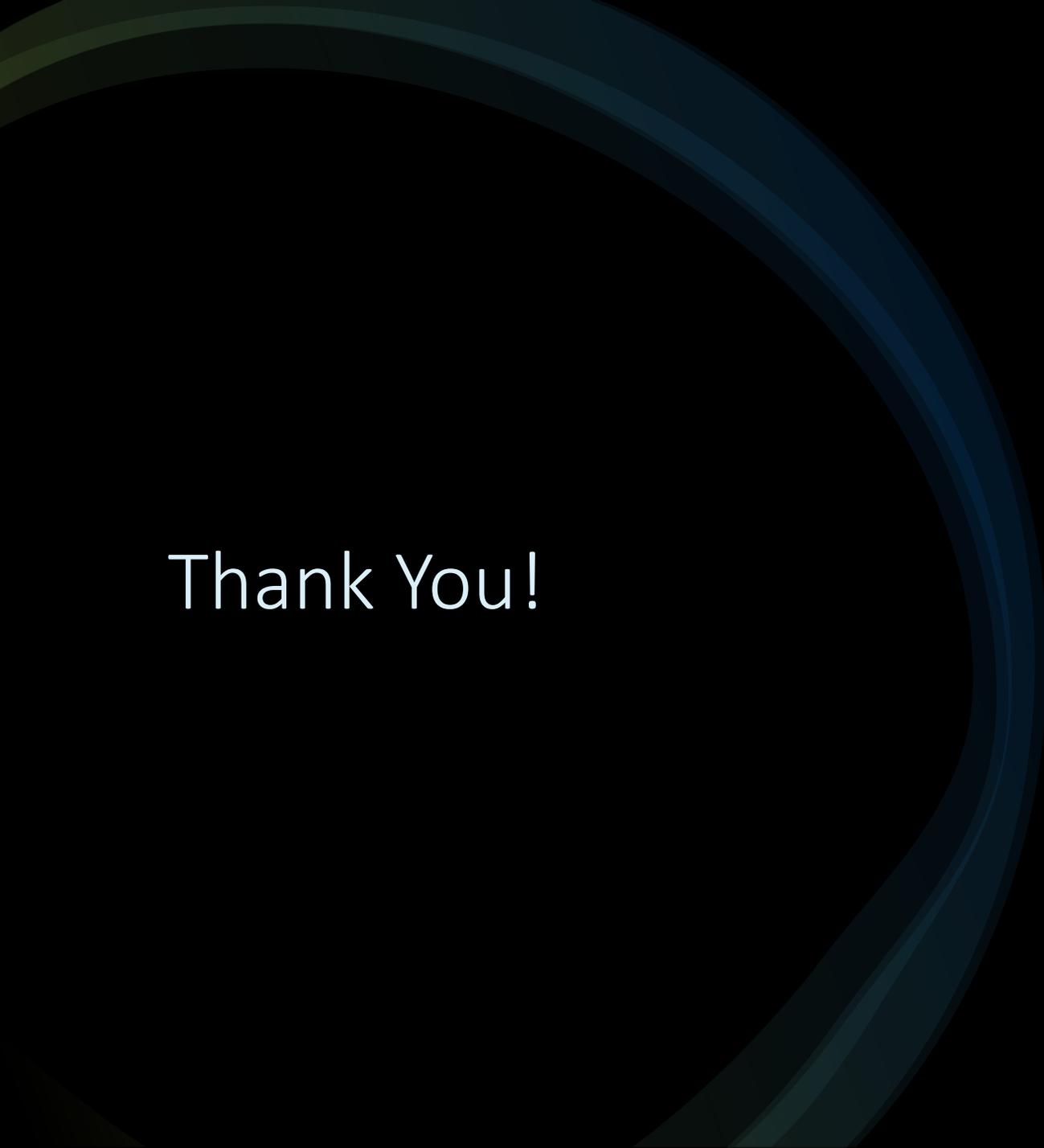   - J-Stan

AASHTO Task Force on Data Standards For Digital Delivery and Asset Management

New Multidisciplinary Task Force will review the importance and impact of digital delivery on state DOTs and develop recommendations on opportunities to enhance and improve integration of BIM and digital delivery across AASHTO's structure.

Report back to SMC at 2026 AASHTO Spring Meeting.

Present recommendations to the SMC and Board of Directors by the 2026 AASHTO Annual Meeting.

Thank You!