

WORK ZONE MANAGEMENT PROGRAM

Session 1: Setting the Stage – The Need for Work Zone Activity Data (WZAD)

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U.S. Department
of Transportation

**Federal Highway
Administration**



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Setting the Stage

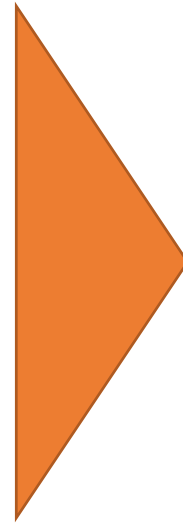
- Work zone information is becoming increasingly important for data-driven agency operations and maintenance
- Efforts point to the need for and use of data on WHEN, WHERE, and HOW work zones are deployed



Current Practices

Data Collection & Analysis

- Multiple interfaces needed
- Significant efforts to standardize
- Data names, type, completeness, storage, and utilization vary by agency and region



Why so many challenges?

- Unclear if benefits outweigh costs
- Unclear what data is needed
- Processes differ across agencies

Why Standardize?

- Project planning
- Impact analysis and performance monitoring
- Contract monitoring
- Origin-Destination road user awareness
- Law enforcement and emergency services
- Connected and Autonomous Vehicle operations

Work Zone Data Initiative (WZDI)

Creating a consistent language for communicating WZAD across organizational boundaries and throughout project life cycles

- Simplify and accelerate the adoption of WZAD standard
- Advance development of processes and applications around availability of standardized WZAD.

***How could your
organization benefit from
standardized Work Zone
Activity Data?***

Today's Symposium

- Session 1: Setting the Stage – The Need for Work Zone Activity Data (WZAD)
- Session 2: The Fundamentals of WZAD
- Session 3: What's Happening Now?
- Session 4: Framing the WZAD Discussion
- LUNCH
- Session 5: Listening to the Users
- Session 6: A Look at the Data
- Session 7: Next Steps and How to Get Involved