

FHWA EDC-6 Digital As-Built Northwest Regional Workshop | Salt Lake City, Utah

COME JOIN THE DIGITAL AS-BUILT AND DIGITAL DELIVERY REVOLUTION IN YOUR REGION!



Date: April 18-20, 2023

Location: Salt Lake City, Utah

Register Now—Registration Closes April 7, 2023 <http://bit.ly/3kauFOI>



Target Audience

State DOT construction, project development, design, asset management and operations and maintenance engineers and their GIS, business automation and information technology partners.

Format and Agenda

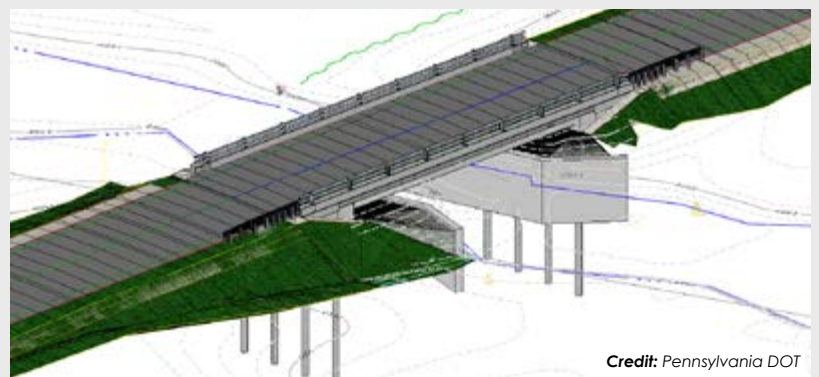
In-person peer exchange with loads of interactive presentations and panel discussions encouraging audience participation and engagement.

Outcomes

Become a part of a strong DABs community of practice and share effective practices/technologies to connect project and asset information through an effective DABs program.

About The Workshop

This 2½-day workshop is a part of the Federal Highway Administration's Every Day Counts 6 (EDC-6) initiative. It is designed to bring together digital delivery subject matter experts working to advance Digital As-Built (DABs) in your geographic region. As part of the workshop you will have a chance to network with a growing community of practice around DABs and digital delivery in your region. You will gain a common understanding of the DABs "state of play" across the country, learn about successful strategies to address typical challenges in implementing DABs, and recognize ways to advance your agency's capability to a wider and more mature adoption of the DABs.



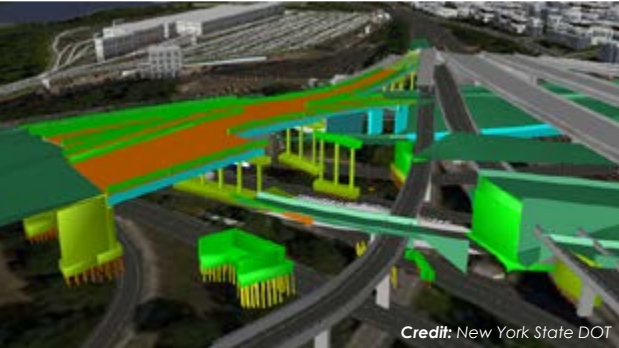
For More Information:
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EDC-6 Digital As-Built events are eligible for
Professional Development Hours (PDH).

The first 1½-day of this operationally focused workshop will include presentations and panel discussions from FHWA, state DOT and industry experts on a variety of topics:

- Effective practices to develop modern-day DABs.
- Model development standards and their key role in developing DABs.
- Conducting pilots the right way.
- Technology and process challenges and strategies to overcome.
- Tools to assess the DABs capability maturity of your organization.
- Industry (software vendor and contractor) perspectives.
- Future developments in DABs and industry call-to-action.
- Federal funding options to support DABs and Digital Delivery.



Bonus Features

The workshop will feature two bonus ½ day discussions that focus on the following aspects:

- **Data Schema and Data Modeling:** Structuring DABs data to support enterprise asset and maintenance needs.
- **Field Tools for Construction Data Collection:** Demonstration of Utah DOT's model-based field data collection tools.

Workshop Agenda

Day 1—April 18, 2023 8:00 am to 4:30 pm

Time	Topic
7:30 am	Registration and Check-in
8:00 am	Welcome Remarks and Introductions <i>[FHWA]</i>
8:15 am	Objectives Background on DABs and Digital Delivery <i>[FHWA]</i>
Theme 1: Taking Stock of Digital As-Built "State-of-Play"	
8:30 am	National DABs State-of-the-Practice and Prescription for Starting an Effective DABs Program <i>[WSP/FHWA National Research Overview]</i>
9:00 am	Lead State DOT DABs Pilots with Contractor Perspectives <i>[Utah DOT, Colorado DOT, NYSDOT, MnDOT]</i>
10:45 am	Panel Discussion: What is Working and What is Not? <i>[Panelists: Utah DOT, Iowa DOT, Colorado DOT, NYSDOT, Select Contractors]</i> <ul style="list-style-type: none"> • Lessons Learned and Effective Practices • Persisting Challenges • Pathway to full-scale implementation
Theme 2: Getting Digital As-Building Right	
1:00 pm	DAB Specification: Whom does a DAB serve and what information must it contain? <i>[WSP, National Overview of Best Practices]</i>
1:30 pm	Preparing the Model for Field Use: Model Development Standards <i>[Utah DOT]</i>
2:30 pm	Group Discussion: Model Development Standards to Support DABs and Digital Delivery <i>[Utah DOT lead]</i>
3:00 pm	Current Practices in DABs Field Data Collection to Support Inspection, Quantity Estimation, QA, Future Project Development <i>[Select State DOTs, Contractors, Consultants]</i>
4:15 pm	Summary of DABs Key Takeaways

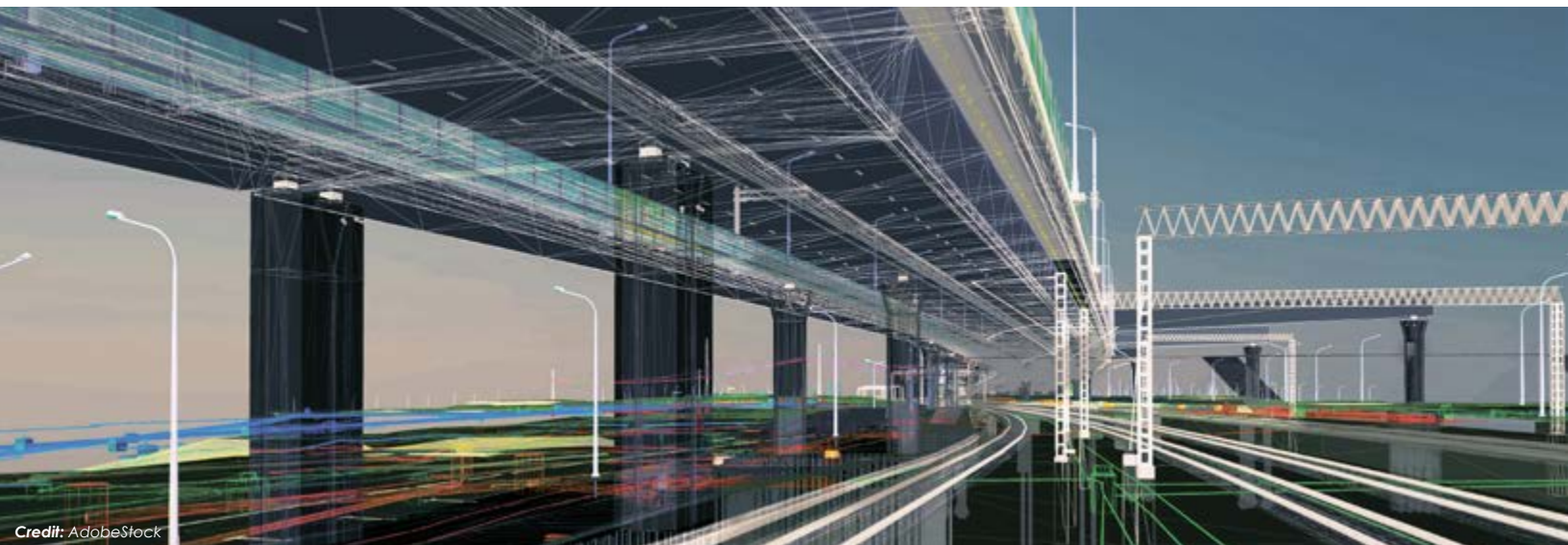
FHWA will cover the cost or up to two invitational travelers from each State DOT to attend the workshop. Advanced registration is required.

Day 2—April 19, 2023 8:00 am to 4:30 pm

Time	Topic
Theme 3: Taking Stock of Digital As-Built “State-of-Play”	
8:00 am	Welcome and Overview of Activities
8:15 am	DABS Use Cases, Connection to Asset Management and Enterprise Data Management <i>[National Perspective, Caltrans, Utah DOT]</i>
9:15 am	Panel Discussion: Where are we headed? Technology Solutions for DABS Data Interoperability <i>[Invited Panelists from Software/Vendor]</i>
Theme 4: Getting Digital As-Building Right	
10:15 am	Self-Assessment: DABs and Digital Delivery Implementation Capability Maturity <i>[All]</i>
10:45 am	State DOT Roundtable Stand-up Next Steps Presentations <i>[All]</i>
11:45 am	Closing Remarks for the FHWA EDC-6 DABs Session <i>[FHWA]</i>
FHWA BIM DATA SCHEMA WORKSHOP SEGMENT	
1:00 pm	DABs Specification to Support Asset Management and Maintenance and Operations Needs <i>[FHWA/WSP]</i>
1:30 pm	Post-Construction Use Cases Exploration: Group Exercise <i>[All]</i>
2:15 pm	Interactive Workshop on Data Schema Mapping: Focus DABs to Asset Management Systems <i>[WSP]</i>
3:45 pm	Interactive Discussion: Information Modeling Using Open Standards and Information Delivery Specification to Support Asset Information Management <i>[WSP]</i>
4:15 pm	Key Takeaways: DABs Systems and Data Architectures to Support Asset Management, Maintenance and Operations <i>[FHWA/WSP]</i>

Day 3—April 20, 2023 8:00 am to 12:00 pm

Time	Topic
UDOT's Field Data Collection Tools Demonstration	
8:30 am	Field Visit: Demonstration of Digital Delivery Technology <i>[Utah DOT]</i>
11:00 am	Discussion on Field Demos <i>[FHWA]</i>
11:45 am	Summary of Workshop Takeaways <i>[FHWA]</i>



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