

FHWA Digital Delivery Stakeholder Group (DDSG)

MEETING #3 In-Person and Virtual

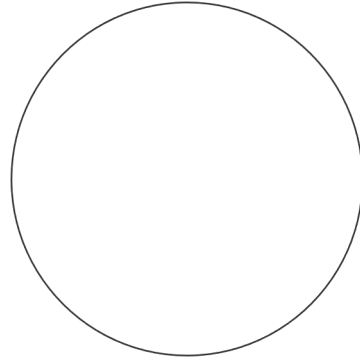
March 19, 2026 13:00-18:00 CT

Disclaimer

This presentation was created and is being presented by a contractor. The views and opinions expressed in this presentation are the presenters' and do not necessarily reflect those of FHWA or the U.S. Department of Transportation (USDOT). The contents do not necessarily reflect the official policy of the USDOT.

The U.S. Government does not endorse products or manufacturers. Trademarks or manufacturers' names appear in this presentation only because they are considered essential to the objective of the presentation. They are included for informational purposes only and are not intended to reflect a preference, approval, or endorsement of any one product or entity.

Welcome, Introductions and Logistics



Matthew Corrigan
Co-Chair, DDSG

TBD
Co-Chair, DDSG

Roger Grant, FbSI
Secretary, DDSG

Rackley Wren, Project
Manager

Mona Ketterl
Project Support

FHWA

NIBS

NIBS

NIBS/CRAFT

Construction
Research Engineer

Senior Building
Technology Consultant

Product Delivery,
Senior Associate

Technologist/
Digital Delivery
Leader

Meeting Purpose and Focus

The Digital Delivery Stakeholder Group (DDSG) is a collaborative initiative led by FHWA to coordinate and integrate various digital delivery efforts across the transportation sector. The DDSG is an open meeting that brings together representatives from State DOTs, AASHTO Technical Committees, and industry.

- Align on and shape purpose and progress of the DDSG.
- Review updates from ongoing industry organization, pooled fund initiatives and national research efforts.
- Participate in facilitated discussions on data standards, model-based workflows, and implementation strategies across planning, design, construction, and asset management.
- Explore case studies from state DOTs highlighting pilot projects, lessons learned, and emerging practices.
- Help identify and shape a roadmap for the next phase of national digital delivery coordination.

Agenda – March 19

Time	Agenda Item	Presenter(s)
1:00 – 1:30	Welcome, Introductions, and Logistics	Matthew Corrigan (FHWA) Chair, Roger Grant (NIBS) Secretary, Mona Ketril (Craft/NIBS), Rackley Wren (NIBS)
1:30 – 2:00	DDSG Updates and Discussion	Matthew Corrigan, Roger Grant, All
2:00 – 2:45	AASHTO Updates and Discussion:	AASHTO Staff: Kevin Marshia J-STAN Chair: Trisha Stefanski JTCEES Chair: Jennifer Lloyd
2:45 – 3:05	bS-USA Education Committee Update	bS-USA Chapter President – Calvin Kam (SBI) bS-USA Education Committee – Tony Rinella (SBI)
3:05-3:25	Break	
3:25 – 4:05	Pooled Fund Updates and Discussion	BIM for Bridges – James Hauber (IADOT) BIM for Infrastructure – Katie Brown (OKDOT), Thomas Hamski (IADOT)
4:05-4:45	Digital Delivery Roadmaps Review and Discussion	Katherine Petros (FHWA) Allan Melly (PennDOT)
4:45-4:55	FHWA Program / Project Updates	ADCMS/EDC: Matthew Corrigan, James Gray (FHWA)
4:55 – 5:00	Wrap Up Day 1 and Adjourn	Matthew Corrigan, Roger Grant,

Agenda – March 20

Time	Agenda Item	Presenter(s)
8:00 – 8:10	Welcome, Introductions, and Logistics	Matthew Corrigan, Roger Grant
8:10 – 8:30	Information Management Process Workshop Overview and Goals	Michael Pearson (Oklahoma DOT) Paul Shillcock (Operam) Katherine Petros Roger Grant
8:30 – 9:20	IM Process using ISO 19650 Standard - Fundamentals and Utilization including Q&A	Paul Shillcock
9:20 – 9:45	Information Process Standards in the U.S. and ISO 19650	Jay Kline (NIBS) Roger Grant
9:45 – 10:10	Break	
10:10 – 10:40	Arizona DOT Plans	Michael DenBleyker (Arizona DOT)
10:40 – 11:10	Oklahoma DOT Implementation Activities	Michael Pearson
11:10 – 11:50	Other States Plans and Open Discussion	Roger Grant, Michael Pearson Devin Porr (Caltrans), Allan Melley, Others
11:50 – 12:00	Wrap Up and Adjourn	Matthew Corrigan, Roger Grant

Enter as “Visitor”

Turn off “Broadcast my Cursor”

Mural and Mentimeter Overview and Poll 1

Mona Ketterl and Rackley Wren

[https://app.mural.co/t/nibs5298/m/nibs5298/
1773691835425/b395c9db100a942831668f
227198ad6a5256c871](https://app.mural.co/t/nibs5298/m/nibs5298/1773691835425/b395c9db100a942831668f227198ad6a5256c871)



DDSG Overview, Goals, Charter, Activities to Date, 2026 Work Plan Review

Matt Corrigan, PE and Roger Grant

US Federal Highway Administration

Digital Delivery Stakeholder Group Core Elements

Purpose

- **Coordinate and integrate** various digital delivery efforts across transportation infrastructure sectors and phases.
- **Bridge gaps** among agency and industry advances, fostering a comprehensive digital transformation nationwide.
- **Shape a national vision for digital delivery** that enhances safety, accelerates project delivery, promotes economic growth, and strengthens partnerships.
- **Facilitate information exchange** among participants and to provide technical assistance.
- **Not established to provide advice, recommendations, or policy guidance.**

Objectives

- **Foster Collaboration**
- **Promote Knowledge Sharing**
- **Foster Innovation**
- **Address Needs**
- **Encourage Standardization**
- **Influence Practice**
- **Optimize Investments**

Scope

- Established for **information exchange, expression of views and to provide technical information** and assistance.
- Coordination of **digital delivery efforts across the asset lifecycle.**
- Sharing of **lessons learned, best practices, and emerging technologies.**
- Development and promotion of **common standards and frameworks.**
- Foster development of **lifecycle data management** that supports **digital twins.**
- Facilitation of **collaboration and innovation.**

Logistics

- **Membership drawn from cross-section of transportation sector** and digital delivery lifecycle with representatives from FHWA, state DOTs, AASHTO, industry partners, standards organizations, academia, and other relevant organizations.
- **DOTs, organizations pursuing digital delivery, conducting research, delivering training, providing services and tools to DOTs to support digital delivery are invited to join DDSG meetings and provide input.**
- **Meetings will take place two to three times per year** and will be combination of in person with virtual option or virtual.

DDSG Members

Member	Organization
Rick Brice	Washington State DOT
Katie Brown	Oklahoma DOT
Matthew Corrigan	FHWA
Cyndee Hoagland	ARTBA
Will Holmes	Kentucky Transportation Cabinet
Carrie Lavallee	Massachusetts DOT
Jennifer Lloyd	Tennessee DOT & AASHTO JTCEES
Allen Melley	Pennsylvania DOT
Charlie Purcell	Iowa DOT
Trisha Stefanski	Minnesota DOT & AASHTO JSTAN
Jacob Tambunga	Texas DOT
Brad Wieferich	Michigan DOT
Devin Porr	Caltrans
Cassidy Blowers	Delaware DOT
Kevin Marshia	AASHTO
Dan Reinke	ACEC
Jonathan Porter	AGC
Ian Howell	bSI/bSUS

DDSG calendar

March 19 - 20, 2026

<input type="checkbox"/>	DDSG Meeting #2 Session 1	+	Jan 22
<input type="checkbox"/>	DDSG Meeting #2 Session 2	+	Jan 26
<input type="checkbox"/>	DDSG Meeting #2 Session 3	+	Jan 28
<input type="checkbox"/>	AASHTO Washington Briefing- Washington D.C.	+	Feb 23 - 26
<input type="checkbox"/>	AASHTO re:source Technical Exchange - Louisville, KY	+	Mar 9 - 12
<input type="checkbox"/>	AASHTO GIS-T-Chicago, IL	+	Mar 16 - 20
<input type="checkbox"/>	DDSG Meeting #3	+	Mar 19 - 20
<input type="checkbox"/>	Building SMART International Summit	+	Mar 24 - 26
<input type="checkbox"/>	AGC Annual Convention-Orlando, FL	+	Mar 24 - 26
<input type="checkbox"/>	Committee on Right-of-way, Utilities & Outdoor Advertising	+	Apr 21 - 24
<input type="checkbox"/>	AASHTO Ware Connect - Des Moines, IA	+	Apr 21 - 22
<input type="checkbox"/>	ACEC 2026 Annual Convention & Legislative Summit-Washington, DC	+	May 3 - 6
<input type="checkbox"/>	NACTO Designing Cities Conference - Minneapolis, MN	+	May 12 - 15
<input type="checkbox"/>	Committee on Bridges and Structure - Charlotte, NC	+	Jun 28 - Jul 2
<input type="checkbox"/>	Committee on Maintenance - Westminster, CO	+	Jul 19 - 23
<input type="checkbox"/>	Committee on Materials & Pavements - Richmond, VA	+	Aug 3 - 7
<input type="checkbox"/>	AGC Technology Conference - Minneapolis, MN	+	Aug 4 - 6
<input type="checkbox"/>	Committee on Design - Des Moines, IA	+	Aug 16 - 20
<input type="checkbox"/>	Committee on Construction - Lake Tahoe, NV	+	Sep 13 - 18
<input type="checkbox"/>	Autodesk University - Las Vegas	+	Sep 15 - 17
<input type="checkbox"/>	ACEC Fall Conference	+	Oct 25 - 28
<input type="checkbox"/>	BIM Week	+	Nov 2 - 6
<input type="checkbox"/>	IHEEP 2026 - Austin, TX	+	Dec 6 - 10
<input type="checkbox"/>	Virtual Peer Exchange	+	Jan 27, '27

Activities To Date and Next Steps

- DDSG initiated - May 2025
- Charter completed and members invited - September 2025
- Inaugural meeting (In person and virtual) at IHEEP – October 2025
- Teams channel and public website launched – December 2025
- Meeting #2 (virtual only) – January 22, 26, 28, 2026
- Meeting #3 (In person and virtual) co-located at AASHTO GIS-T Conference – March 19, 20, 2026

- Meeting #4 (virtual only) planned for June/July 2026
- Meeting #5 (In person and virtual) planned for September or November/December 2026
- Meeting #6 (Virtual only) planned for December 2026/January 2027

FHWA DDSG Hub



Digital Delivery Stakeholder Group (DDSG)

Transforming Highways Through Digital Delivery

The Digital Delivery Stakeholder Group (DDSG) is a national forum led by the Federal Highway Administration (FHWA) and supported by the National Institute of Building Sciences (NIBS). It brings together public agencies, industry partners, academia, and standards organizations to advance digital delivery practices across transportation infrastructure.

Digital delivery integrates data and technology across all stages of project delivery—from planning and design through construction and operations—to improve safety, efficiency, and collaboration. DDSG connects leaders and innovators across the highway community to accelerate this digital transformation and build a smarter, more resilient highways system for the nation.


Join us as we shape the future of digital project delivery.

Events

Upcoming




March 2026

THU 19 March 19 @ 1:00 pm - 5:00 pm  [Digital Delivery Stakeholder Group \(DDSG\) – In-Person and Virtual Stakeholder Meeting #3 – Mar 19](#)

Digital Delivery Stakeholder Group (DDSG) – In-Person and Virtual Stakeholder Meeting #3 – Mar 19

Chicago, IL Hyatt Regency McCormack Place following AASHTO GIS-T

FRI 20 March 20 @ 8:00 am - 12:00 pm  [Digital Delivery Stakeholder Group \(DDSG\) – In-Person and Virtual Stakeholder Meeting #3 – Mar 19](#)

Digital Delivery Stakeholder Group (DDSG) –

Summary Findings from Meeting #2

- **Digital Delivery Adoption Is Increasing but Uneven**
 - Many transportation agencies are exploring digital delivery initiatives; however, implementation maturity varies across organizations.
- **Coordination Between Standards and Implementation Is Critical**
 - Participants emphasized the need for alignment between national standards initiatives and agency implementation programs.
- **Lifecycle Data Integration Is Emerging as a Strategic Priority**
 - Presentations highlighted the importance of connecting project delivery data with downstream asset management systems.
- **Collaboration Across Agencies Remains Essential**
 - Stakeholders indicated strong interest in maintaining DDSG as a forum for collaboration and knowledge sharing.

Discussion and Engagement Mentimeter Survey

Access Code: **TBD**

Alternate: Join at

<https://www.menti.com/>



AASHTO Update

J-STAN and JTCEES Committee Updates

Kevin Marshia
Julia Glickman
AASHTO

Trisha Stefanski
(JSTAN)

Jennifer Lloyd
(JTCESS)

Discussion and Engagement

buildingSMART USA Chapter Education Committee Update

Calvin Kam (SBI), Chapter President
Tony Rinella (SBI), Education Committee

Break

BIM for Bridge and BIM for Infrastructure Pooled Fund activities related to Digital Delivery

James Hauber IowaDOT
Katie Brown OKDOT
Thomas Hamski IowaDOT

Discussion and Engagement

Digital Delivery Roadmaps Review and Discussion

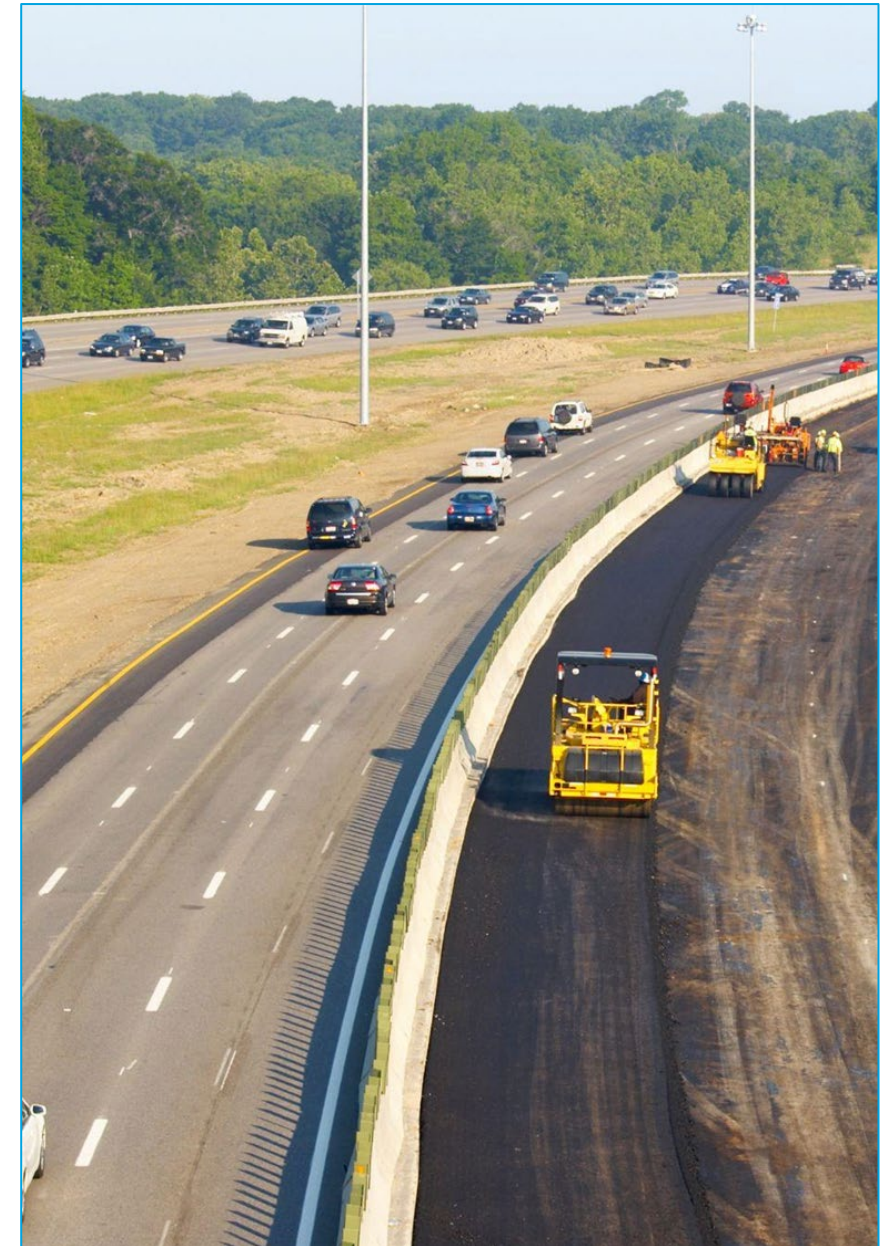
Katherine Petros FHWA
Allen Melly PennDOT
Roger Grant NIBS

Important Ingredient for Digital Delivery Transformation - *Begin with the end in mind*

State DOTs, in cooperation with their external partners, will have mature BIM processes in place and trained and skilled personnel who use openBIM data standards, information-exchange specifications, and digital workflows to collaborate with each other to create, collect, store, process, share, analyze, and autonomously exchange data and information across a large number of key systems of record, including those related to planning, programming, surveying, design, engineering analysis, contract letting, construction management, asset and maintenance management, GISs, and linear referencing.

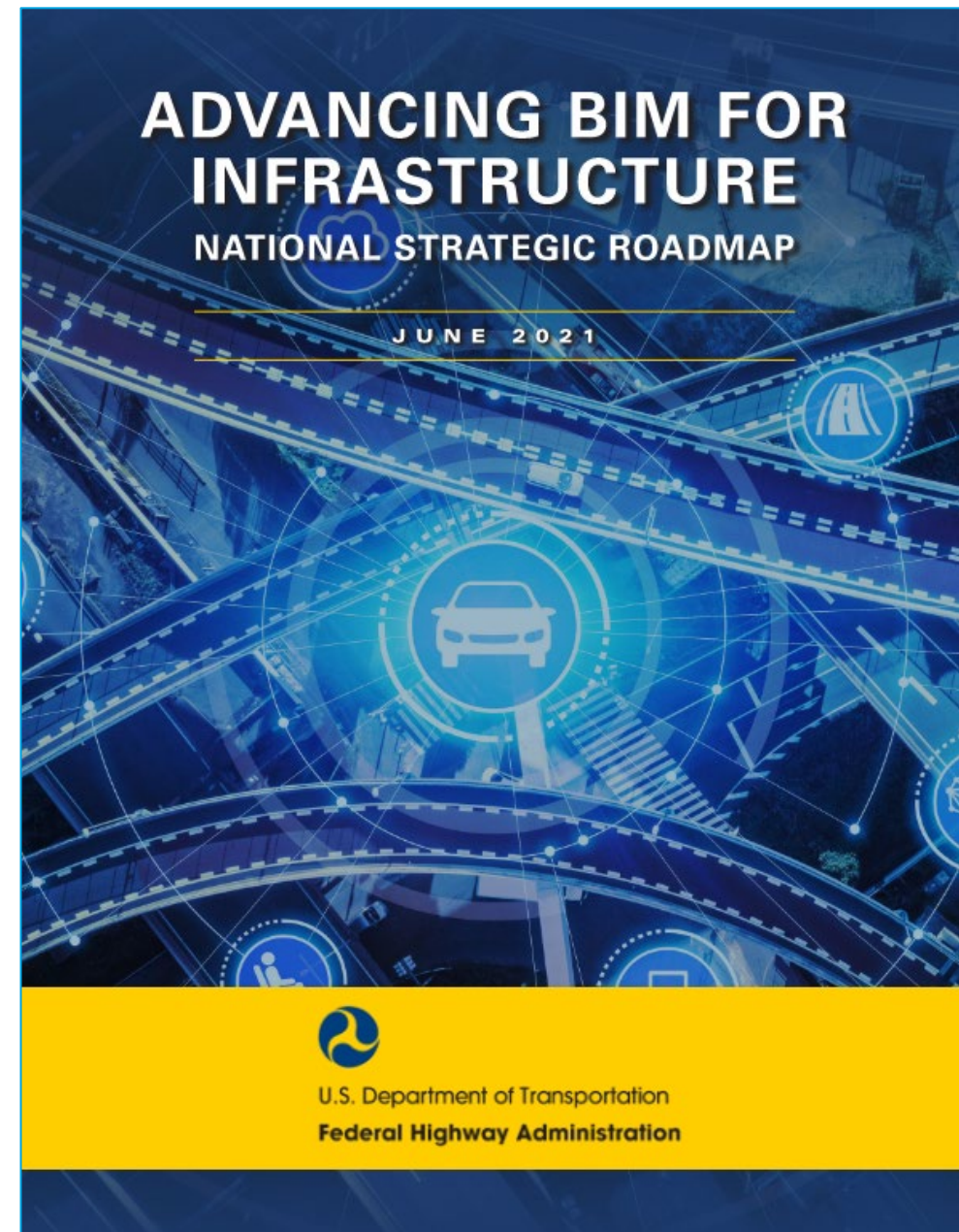
From FHWA Advancing BIM for Infrastructure National Strategic Roadmap

What can the DDSG do to help set a path to achieve Digital Delivery Transformation?



What is the NSR?

- 60-page PDF document published in June 2021
- Collaborative work involving numerous organizations
- Provides a template for DOTs to use to advance BIM for Infrastructure
- Approach is flexible to allow for multiple project workflows
- A ten-year plan, with defined milestones, procedures, recommendations and expectations
- A clear definition of BIM Maturity Levels 0-3
- Available for download at:
<https://www.fhwa.dot.gov/publications/research/infrastructure/pavements/21064/21064.pdf>



PennDOT Roadmap Development

Allen Melly PennDOT

Roadmap Poll



Discussion and Engagement

Wrap Up Day 1 Adjourn

FHWA Team



Matthew Corrigan

Construction Research
Engineer



Kathrine Petros

Team Leader, Infrastructure
Analysis and Construction
Team



James Gray

Construction Technology
Program Manager

FHWA Team



Bryan Cawley, PE
Construction &
Maintenance Engineer

Tuonglinh Warren
*Senior Bridge and Tunnel
Construction Engineer*