

FHWA Digital Delivery Stakeholder Group (DDSG)

MEETING #3 In-Person and Virtual

March 20, 2026 08:00-12:00 CT

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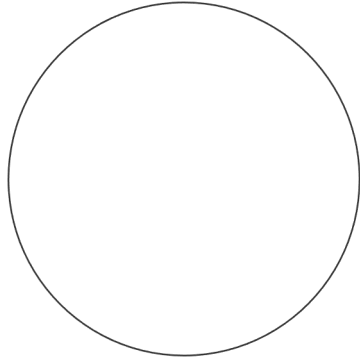
Welcome, Introductions and Logistics



Matthew Corrigan
Co-Chair, DDSG

FHWA

Construction
Research Engineer



TBD
Co-Chair, DDSG



Roger Grant, FbSI
Secretary, DDSG

NIBS

Senior Building
Technology Consultant



Rackley Wren, Project
Manager

NIBS

Product Delivery,
Senior Associate



Mona Ketterl
Project Support

NIBS/CRAFT

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

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

FHWA Program Updates

Matthew Corrigan

Information Management Process Workshop Overview and Goals

Michael Pearson
(Oklahoma DOT)

Katherine Petros
FHWA

Roger Grant
NIBS

Paul Shillcock
(Operam)

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Mural and MentiMeter Overview and Poll

Mona Ketterl and Rackley Wren

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or

<https://tinyurl.com/DDSGMural>

Mentimeter QR Code



Mural QR Code



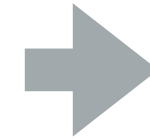
Digital Delivery Requires Information Exchange and Process Management

Digital delivery is a project delivery method that employs digital technologies such as 3D-engineered models, BIM, and digital data environments to share design intent, product/materials quantities/properties, construction details, and other project data seamlessly among stakeholders. It is not a single event but an ongoing process that transforms how transportation projects are designed, bid, constructed, and maintained by making project information living, accessible, and data-driven across the entire lifecycle.

Definition of Digital Delivery from DDSG Charter

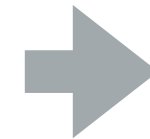
Types of Building Information Standardization Efforts

Information Management Standards



PROCESS

Information Exchange Standards



PRODUCT

Levels of Building Information Standards & Requirements

International Standards



National Standards



Program and Project Requirements

US Building Information Standards & Guidelines Framework

Information Management Standards

International Standards

International Standards Organization (ISO)

ISO 19650 Information Management Process Standard

ISO Information Exchange Standards (IFC/IDM/BSDD)

ISO 7817 LOIN

ISO 12006 Classification & Terminology And Others

buildingSMART International (bSI)

IFC-based Information Delivery Specifications

Examples
Coordination View
Design Reference View
Alignment based Reference View
Future Bridge Design View

U.S. National Standards

U.S. Implementation of ISO

ISO 19650 Foreword & Annex

National Institute of Building Sciences (NIBS)

U.S. National BIM Standard

Project BIM Requirements
BIM Execution Planning
BIM Use Definitions

COBie
Information Exchange Guidelines

Future modules

buildingSMART USA

U.S. Information Delivery Specifications

Others

BIMForum Level of Development
CSI Classification Systems
U.S. IBD Level of Accuracy

Program/Project Requirements

Standard Requirements

ANSI/ASHRAE/NIBS Standard 224:
Application of BIM

Standard Agreement Requirements

AIA BIM Contract Requirements

ConsensusDOC BIM Contract Requirements

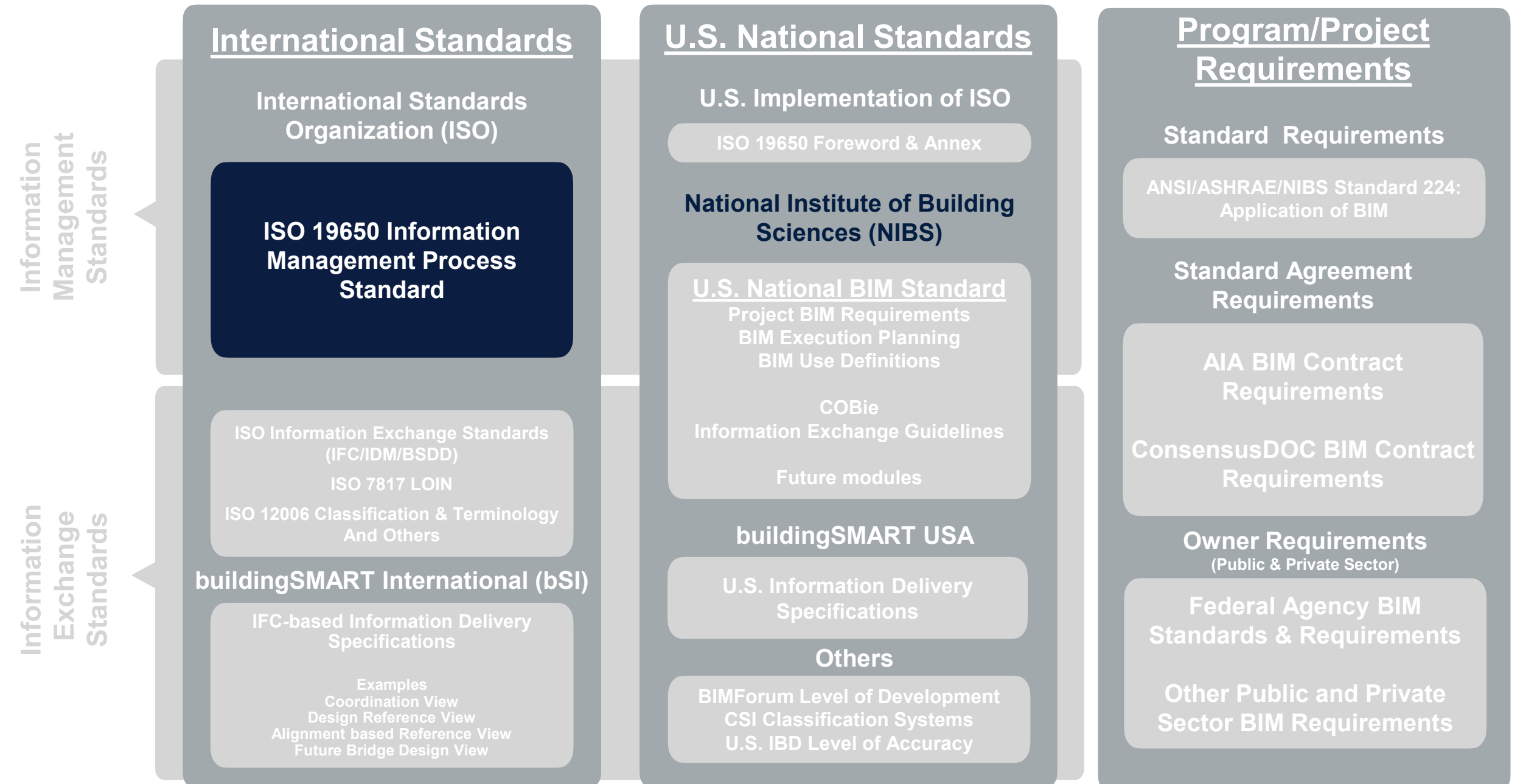
Owner Requirements
(Public & Private Sector)

Federal Agency BIM Standards & Requirements

Other Public and Private Sector BIM Requirements

Information Exchange Standards

US Information Standards & Guidelines Framework



IM Process using ISO 19650 Standard Fundamentals and Utilization including Q&A

Paul Shilcock

Information Process Standards in the U.S. and ISO 19650

Jay Kline (NIBS)
Roger Grant

Break

Arizona DOT Digital Delivery Initiative

Michael DenBleyker (Arizona DOT)

Digital Delivery using Information Management Standards and Tools at Oklahoma DOT

Katie Brown (Oklahoma DOT)

Michael Pearson (Oklahoma DOT)

Discussion and Engagement Mentimeter Survey

Access Code: 1414 1868

Alternate: Join at

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

March 19 - 20, 2026



Other States and Organizations Information Management Process Standardization Efforts and Open Discussion

Roger Grant, Michael Pearson
Devin Porr (Caltrans), Allan Melley (PennDOT), Others

Wrap Up and 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*