

BIM FOR INFRASTRUCTURE PEER EXCHANGE
HOSTED BY THE NEW YORK STATE DOT
ALBANY, NY
JUNE 18 – 19, 2019

PARTICIPATING ORGANIZATIONS		
FHWA	Utah DOT	Michigan DOT
New York State DOT	Florida DOT	Iowa DOT
Connecticut DOT	Montana DOT	CP Tech Center at ISU
AGENDA		
<p>Purpose: Part of the FHWA mission is to significantly enhance transportation investments through the widespread deployment of game-changing methods, such as those related to BIM for infrastructure (formerly called Civil Integrated Management or CIM). FHWA wants to bring together state DOTs that wish to advance their agencies' implementation of BIM by sharing their current states of practice and learning how other states are addressing challenges associated with their deployments.</p>		
<p>Some key topics:</p> <ul style="list-style-type: none"> • What is BIM to you? • What is the endgame for BIM? • Model as the Legal Document • Integration of BIM and GIS • Asset Management – Storing Data for use enterprise-wide • Incorporating new processes while maintaining legacy systems • Selling BIM to leadership/Defining ROI • BIM Roadmap and Potential EDC-6 topics 		
Day 1	Topic	Notes/Strengths/Questions to consider
9:00 am	Introduction/FHWA Objective/Background	<ul style="list-style-type: none"> • Opening remarks from Division Office • Background from David U.
9:30 am	NYSDOT host state presentation: state of practice, vision for BIM, successes and lessons learned, 30 minutes <ul style="list-style-type: none"> • Followed by about 30 minutes of Q&A 	<ul style="list-style-type: none"> • Model Based Contracting at NYSDOT • Types of Data being delivered to contractor • BIM in New York City NYSDOT Projects/ AID grant project update • NYSDOT approach to BIM and Asset Management
10:30 am	Break	

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10:45 am	Florida DOT presentation: state of practice, vision for BIM, successes and lessons learned, 30 minutes <ul style="list-style-type: none"> • Followed by about 30 minutes of Q&A 	<ul style="list-style-type: none"> • Success at breaking down silos – importance of soft skills/relationship building • New systems co-existing with legacy systems • Organizational changes within Florida DOT
11:45 am	Lunch	
12:45 pm	Connecticut DOT presentation: state of practice, vision for BIM, successes and lessons learned, 30 minutes <ul style="list-style-type: none"> • Followed by about 30 minutes of Q&A 	<ul style="list-style-type: none"> • Using the design process to inject data into access management – smart cells • Extracting quantities and cost data from the model during design • Signing Pilot Projects • ATLAS system and ongoing project with UConn.
1:45 pm	Utah DOT presentation: state of practice, vision for BIM, successes and lessons learned, 30 minutes <ul style="list-style-type: none"> • Followed by about 30 minutes of Q&A 	<ul style="list-style-type: none"> • Description of UPLAN • Process to use design and construction data downstream • Difficulties with using 3D model in construction and use of GIS as a bridge to full use of the model • Challenges with integrating data from multiple systems • AID grant update
2:45 pm	Break	
3:00 pm	Montana DOT - state of practice, vision for BIM, successes and lessons learned, 25 minutes <ul style="list-style-type: none"> • Followed by about 20 minutes of Q&A 	<ul style="list-style-type: none"> • Current processes and challenges to get good design data to construction • Current level of modeling effort for projects • MMS – Maintenance Management System – using data after construction • Interoperability challenges using Bentley and Autodesk products

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3:45 pm	lowa DOT- state of practice, vision for BIM, successes and lessons learned, 25 minutes <ul style="list-style-type: none"> Followed by about 20 minutes of Q&A 	<ul style="list-style-type: none"> Steps Iowa has taken to be in a position to use the model as the contract document for AMG Overview of first BIM bridge project this year Overview of Iowa DOT BIM Roadmap for the department (draft form)
4:30 pm	Discussion on Day 1 Takeaways for Implementation	
5:00 pm	Adjourn Day 1	
Day 2	Topic	Notes/Strengths/Questions to consider
9:00 am	Recap of Day 1 Discussion – Challenges and Themes	
9:15 am	Michigan DOT - state of practice, vision for BIM, successes and lessons learned, 25 minutes <ul style="list-style-type: none"> Followed by about 20 minutes of Q&A 	<ul style="list-style-type: none"> Current status of implementations Greatest challenges moving forward
10:00 am	AASHTO Joint Technical Committee on Electronic Engineering Data Update – Mike Kennerly, Bill Pratt, John Wilkerson	<ul style="list-style-type: none"> Update from Mike and Bill Overview of Status of Committee Sharing findings
10:30 am	Break	
10:45 am	National Implementation Roadmap for BIM for Infrastructure – Connie Yew, FHWA	
11:15 am	EDC-6 BIM Applications – Facilitated Discussion	<ul style="list-style-type: none"> Market Ready in Short Term Medium Term Long Term
12:00 pm	Break	
12:15 pm	Discussion on Day 2 Takeaways for Implementation	
12:30 pm	Closing Remarks, Feedback on Peer Exchange, and Next Steps	
1:00 pm	Adjourn	

