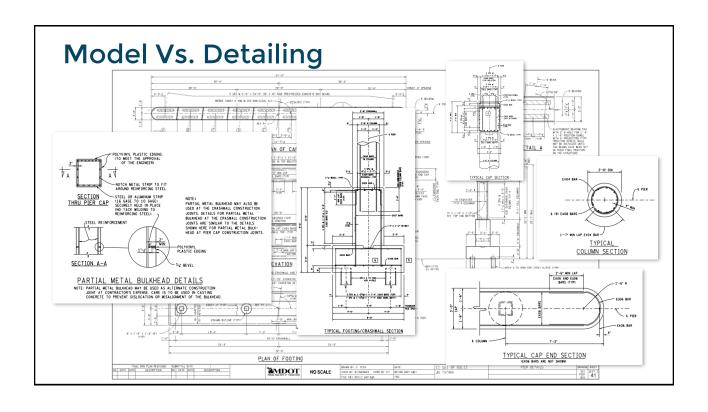
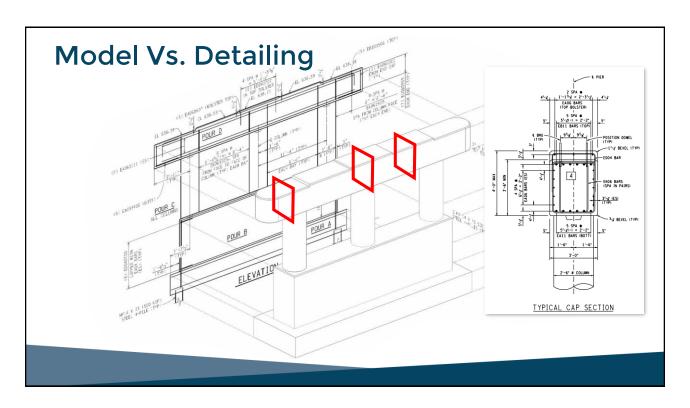


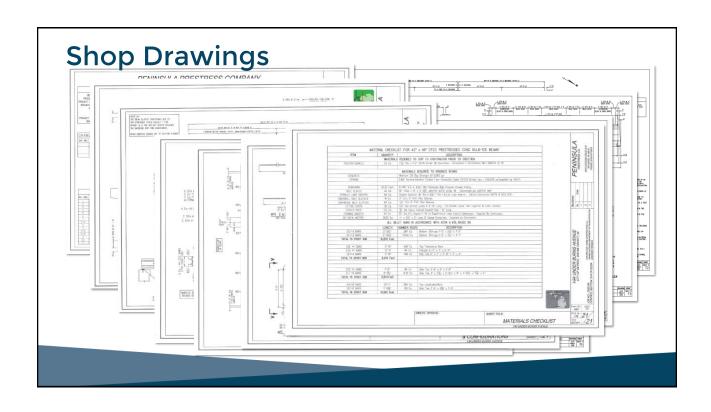
3D BIM MODELING

Brad Wagner, PE – MDOT Chief Structure Design Engineer
Marcia Yockey, PE – MDOT Bridge Support Specialist

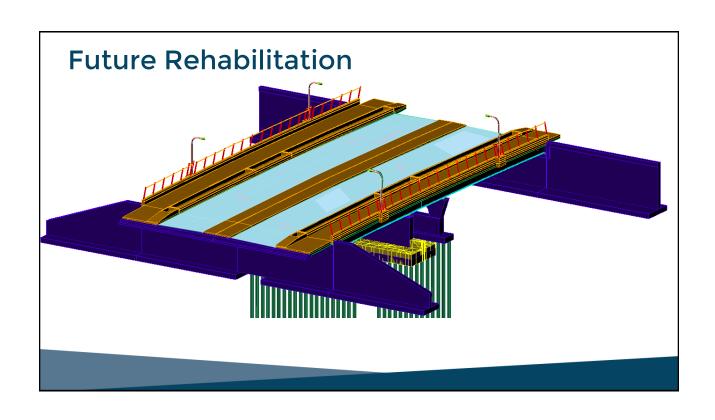




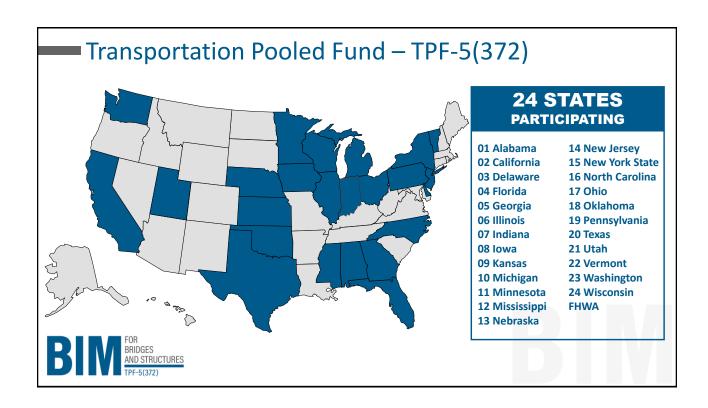


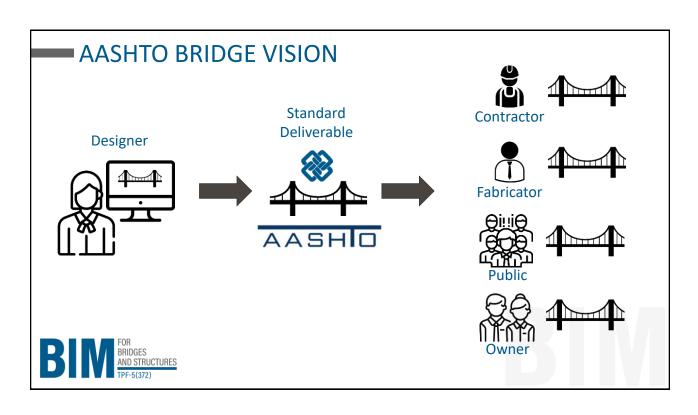








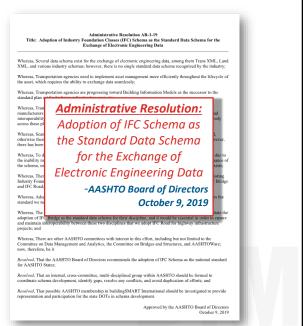




AASHTO ADOPTION OF IFC

- 2017
 - AASHTO Committee on Bridges and Structures adopts IFC
- 2019
 - AASHTO Board of Directors/ Council on Highways and Streets adopts IFC
- 2022
 - AASHTO CBS to vote on IFC Information Delivery Manual





Consultant Team & Industry Partners









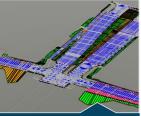




Digital Delivery at MDOT

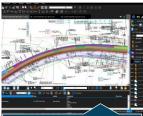


- Sheet
 •Engineer stamp any
- file type
 •PDFs, DGNs,
 Spreadsheets, etc.



Deliver RID Models

- •Designers create models
- Develop review process
- •Field data sharing
- •Develop Champions



Project PDF

- •Why 11x17?
- •Screens over paper
- •Learn Pain Points



Pilot Model Delivery

- •Follow Lead states
- •Bid using Model
- •Stakeholder
- Engagement
- Develop Workflows



