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# Michael Baker Uses Digital Tools to Streamline Bridge Design

*January 24, 2023*

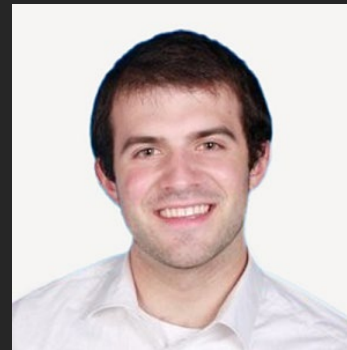


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# Introduction

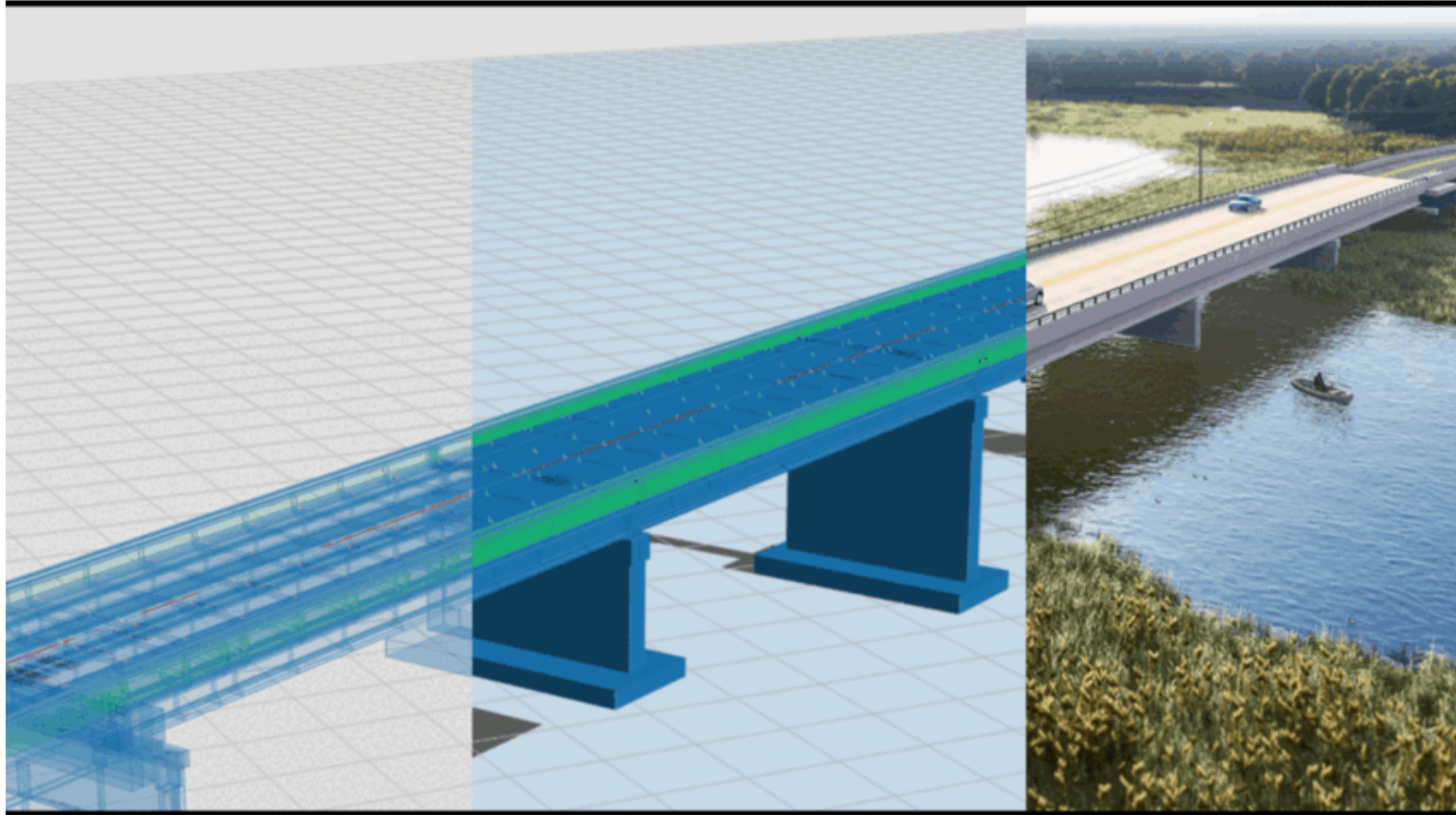


**Joe Brenner, P.E.**  
Senior Bridge Engineer & BIM Lead  
Michael Baker International

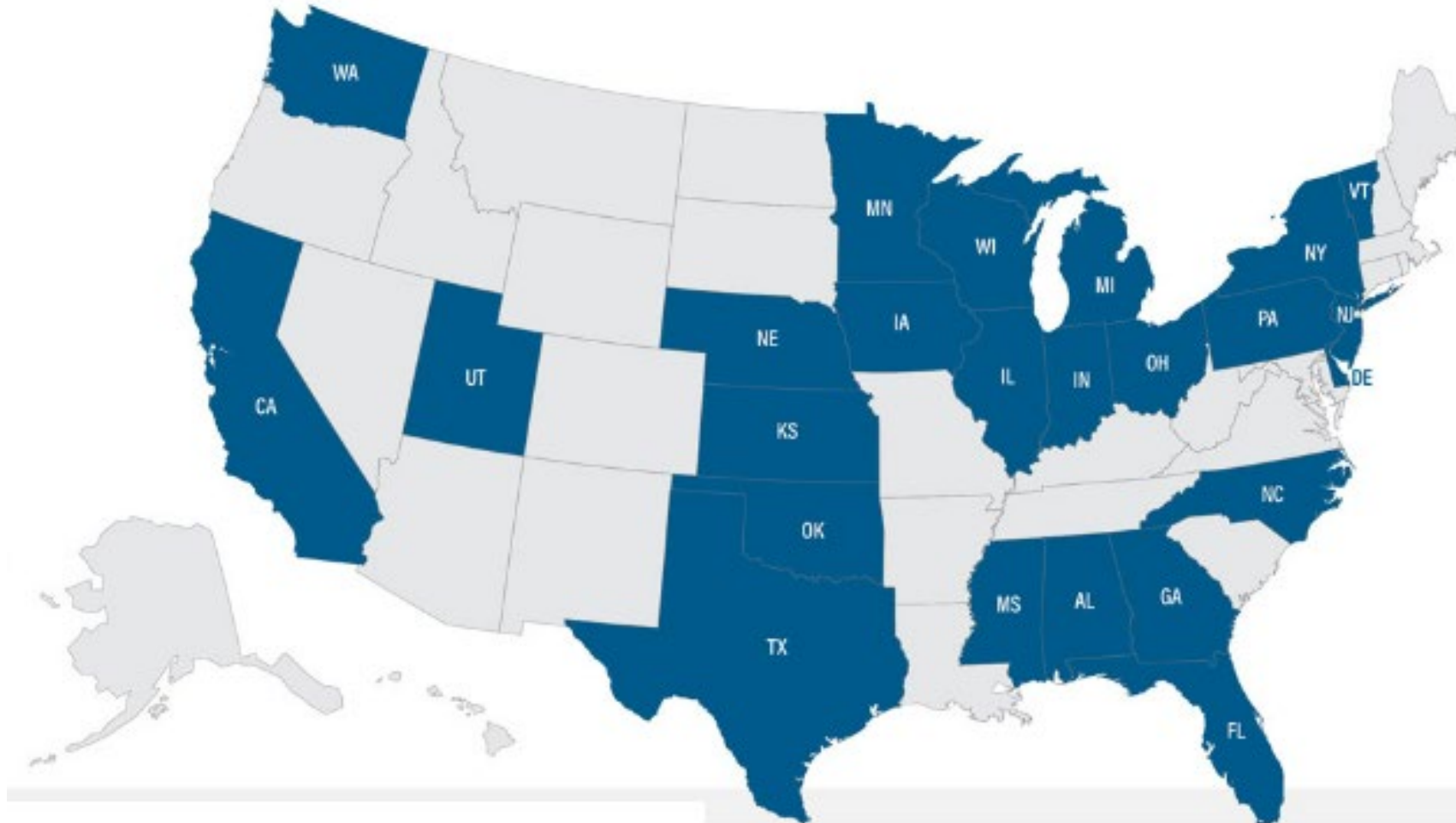


**David Loughery, Master's in Structural Engineering**  
Business Development Manager (Infrastructure)  
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# BIM and Digital Delivery



# Status Quo



**24**  
PARTICIPATING  
STATES PLUS  
FHWA\*

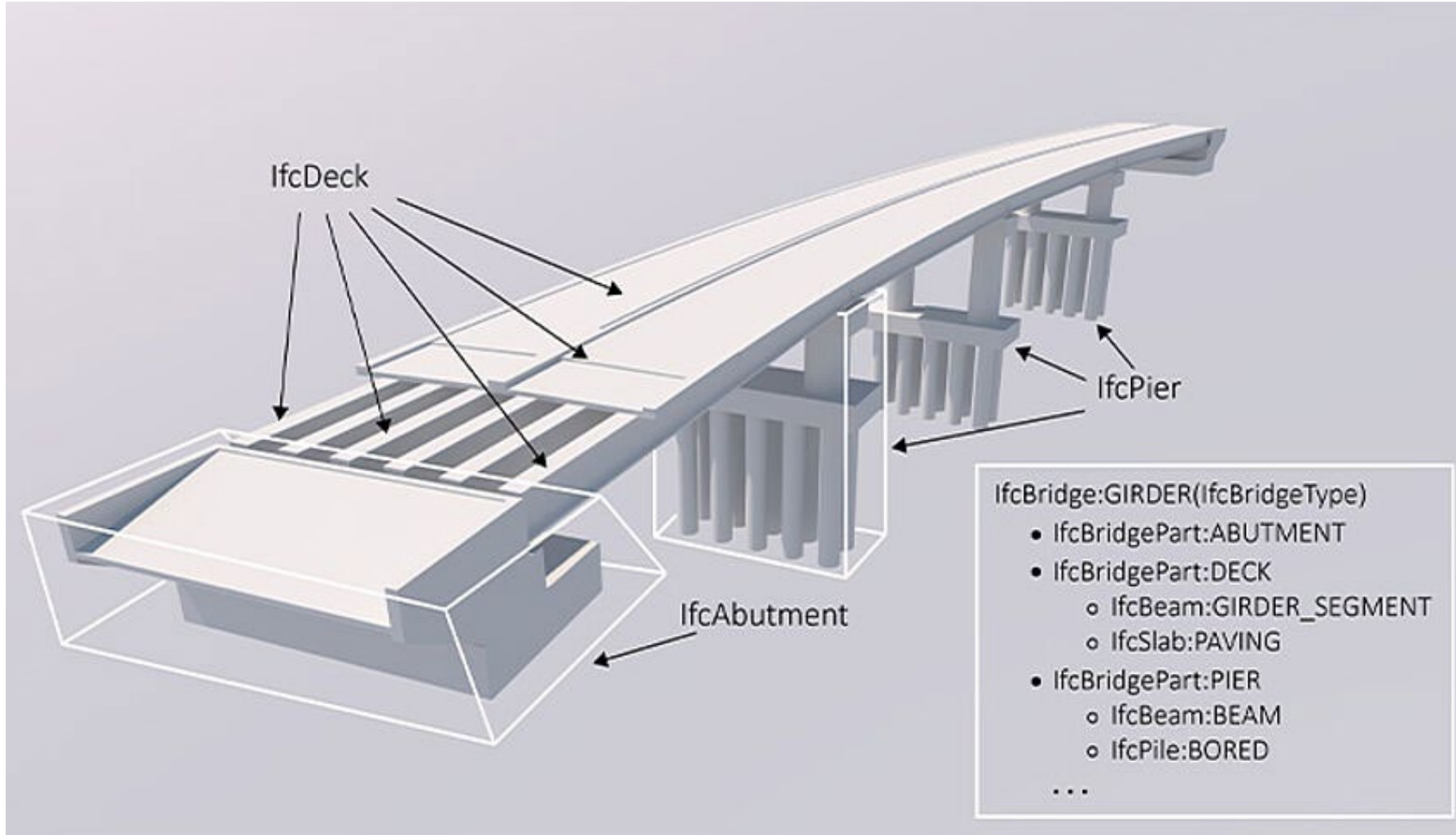
Potential  
AASHTO  
Publications



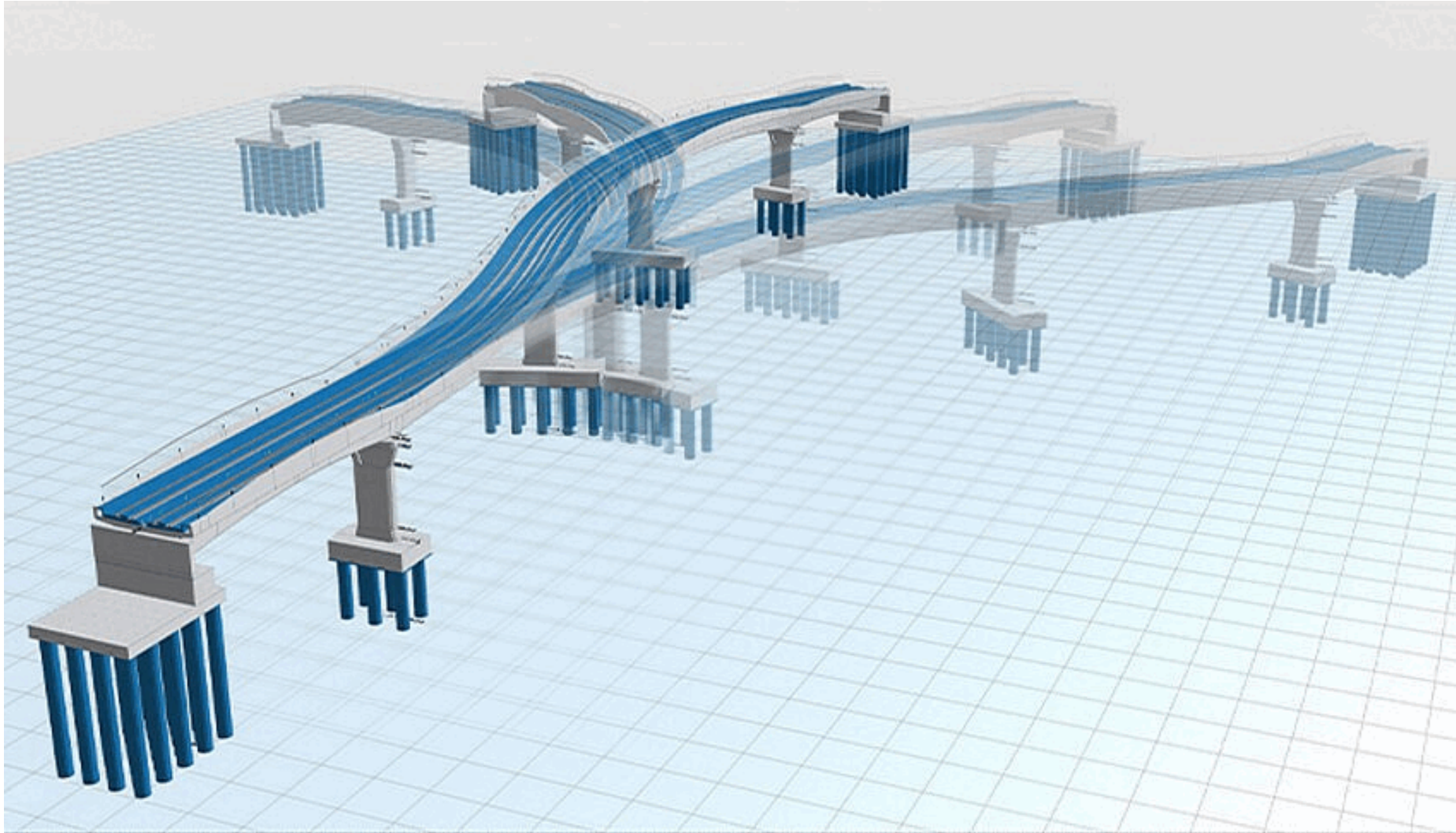
- BIM for Bridges IDM
- BIM for Bridges MVD
- BIM Guide for MVD certification



# Towards a New Standard

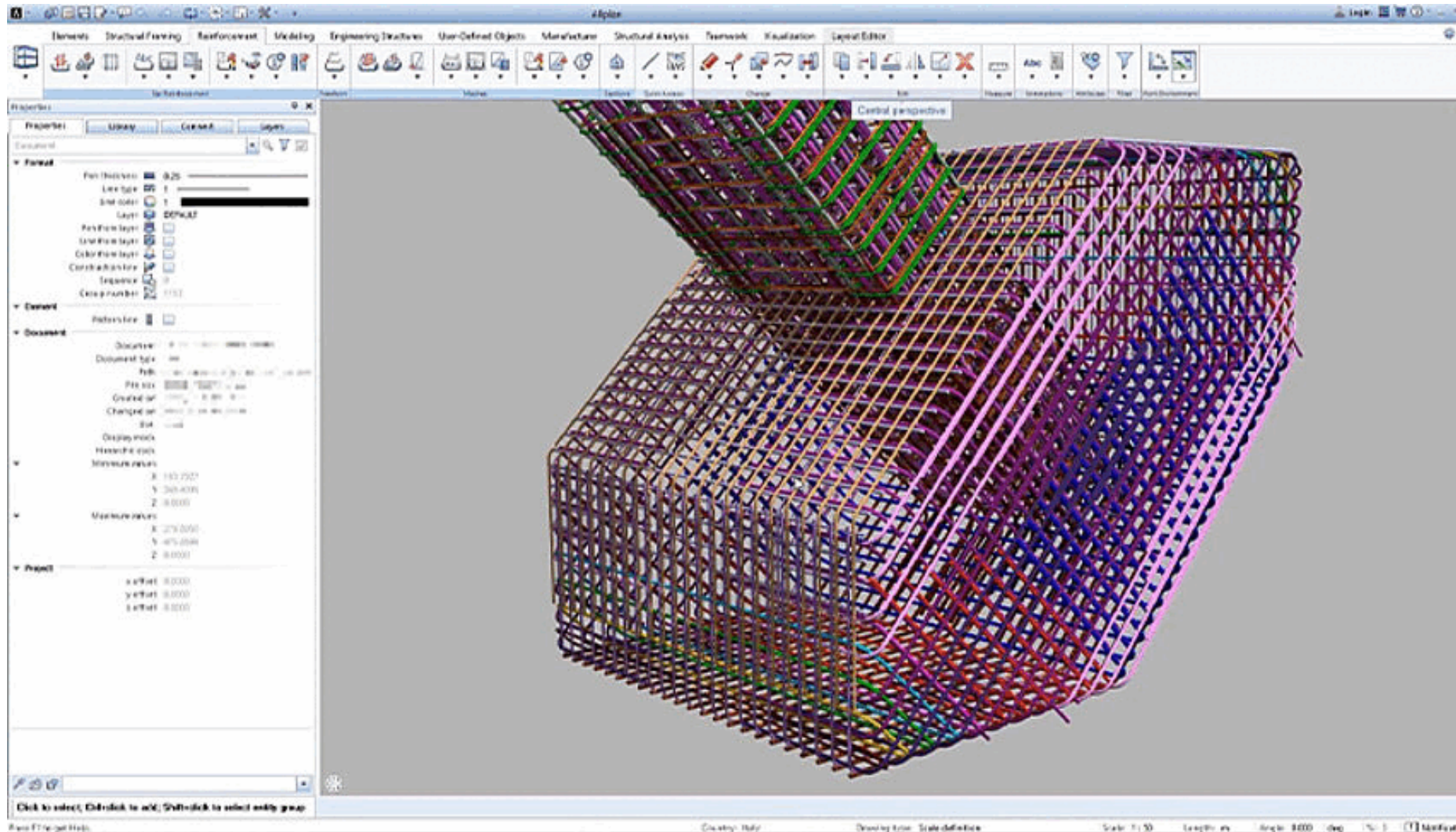


# From Here to There?

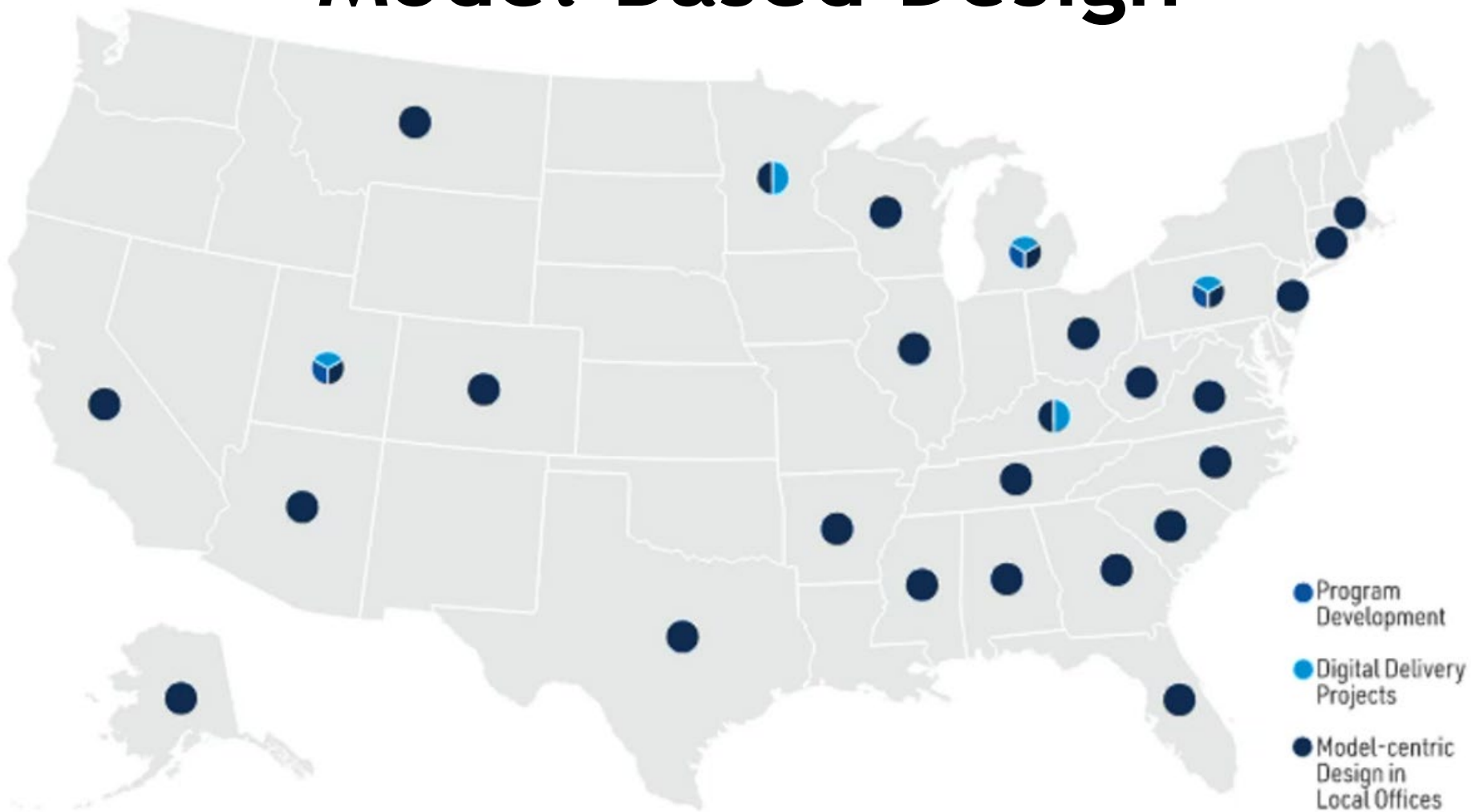




# Model-Based Design



# Model-Based Design





# Technology Partners



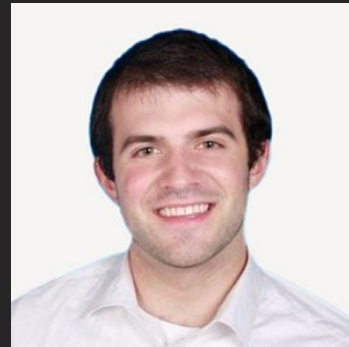


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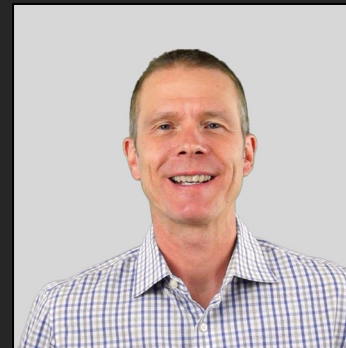
# Questions and Answers with:



**Joe Brenner, P.E.**  
Senior Bridge Engineer & BIM Lead  
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**David Loughery, Master's in Structural Engineering**  
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**Todd Danielson**  
Editorial Director  
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