Goals for BrIM Workflow

Analysis  Production  Reality

Project Production Challenges

• CHANGES, MODIFICATIONS!!!
• Multiple offices in different time zones
• Speed of electronic delivery

Why BrIM?

• Enhanced Quality
• Visualization
• Parametric Modelling
• Reduces multiple sets of project data
• Allows for project team to work with the same set of data

Design Model Generation

3D BrIM Model

3D LUSAS Model developed from BrIM model Geometry

3D LUSAS Model developed from BrIM model Geometry
3D Global Analysis Models... Next Generation

Design Drawing Creation

Autodrawing of Pier Diaphragm

Design Drawing Creation

Autodrawing of Pier Column

Segment Autogeneration

Wekiva Parkway Segmental Bridge

BrIM Geometry

Bridge Information Modeling from Design through Construction
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Bridge Information Modeling from Design through Construction
**Asset Management**

Bridge Asset Management:
- As-Built Records
- Repair Procedures
- Inspection Notes

**Questions?**

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