BIMForum Initiatives 2019-2020

Jim Bedrick, FAIA | Will Ikerd, P.E.
New Content

• Landscaping
New Content

• Logistics
  • Cranes
  • Trenches
  • Trailers
  • Site lighting
  • Temporary fencing
  • Batch Plants

• Concrete & Rebar

• Bridge

• Civil
Timeline

- LOD Spec 2020 Public Comment Release
  November 2019
- LOD Spec 2020 Official Release
  January 2020
Workflow Tools

Develop Baseline MDS

Adjust

Insert

Develop Information Exchanges

Project Baseline MDS

Workflow Plan

Push into Target LOD

Push in next Milestone

BIM

Develop and Track

BIM

#BIMForum19

Speaker Twitter Handle
LOD WORKFLOWS

LOD Spec Workflow Tools

WEDNESDAY

4th Ballroom F | 9:50 AM – 10:10 AM

Jim Bedrick, FAIA, Will Ikerd, P.E.
Model Reliance

The Disclaimer:

This model looks great so you can look at it but you can’t use it for anything or rely on it for anything which includes, but is not limited to, everything.

If you use it for anything anyway then you have to pay my lawyers anything they want if I get sued for anything related to your use of the model for anything.

Have a nice day.
Model Reliance

Disclaimer Approach:

Some of the information is not reliable so don’t rely on any of it.
Model Reliance

Disclaimer Approach:
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Specified-Use Approach:
Some of the information is not reliable so only rely on
• what I say you can,
• for the purposes I say you can,
• to the degree of precision I say you can.
Model Reliance

300 **Specific Assemblies.** The Model Element is graphically represented within the Model as a specific system, object or assembly in terms of quantity, size, shape, location, and orientation. Non-graphic information may also be attached to the Model Element.

**BIMForum Interpretation**

*The quantity, size, shape, location, and orientation of the element as designed can be measured directly from the model without referring to non-modeled information such as notes or dime*
LANDSCAPE & CIVIL LOD

Dallas Children's Arboretum, image courtesy of IKERD.com.
Documenting LOD Goals & Milestones
4th Ballroom H
2:55 PM – 3:15 PM
BIM for Bridges and Infrastructure Structures – Pooled Fund Study | 4th Ballroom H 11:15 AM – 11:55 AM by Connor Christian (HDR)
Advancing Model-Based Estimating Using BIMForum LOD | 4th Ballroom F
by Brent Pilgrim (The Beck Group)
& Michael Ruiz (Beam)
9:10 AM – 9:50 AM
BxP Guide Sponsors

- NISD
- CD-BIM.com
- Pankow Builders
- Pepper Construction
- Alpine ITW
- Builder Box
- Bernhard TME
- HOK
- Peri-USA
- Yates
- Kone
- Suffolk Construction
- Invicara
- ENG Works
Steel BIM, AISC & NISD for 2020

4th Ballroom H | 10:15~10:35 AM
by Luke Faulkner, AISC

Best Practices for Model Review

4th Ballroom H | 4:35 PM~4:55 PM
by Andrew Gayer, P.E., SEI BIM Committee
Reality Capture & Simulation

Sundt Texas BIM & VDC Strategic Integration
4th Ballroom G | 4:15 – 4:35 PM
by Mark Epstein

BIMForum Reality Capture & Simulation 2019 Specification
4th Ballroom H | 4:15 ~ 4:35 PM

Speaker Twitter Handle #BIMForum19
Concrete BIM (Process & Business)
4th, Ballroom F | 10:15~10:55 AM

LOD & Concrete (Details & Structure)
4th, Ballroom H | 1:55~2:15 PM
by Paul Hause, PE
TASKFORCE: WEB, ANALYTICS, AUTOMATION & ANALYSIS (W3A)

Parametric Engineering
4th Ballroom H | 10:35 AM – 11:15 AM
by Mike Bolduc, PE

The Other Big Data: Managing Large Reality Capture Data Sets
4th Ballroom H | 3:55 PM – 4:15 PM
by Michael Perdue
2019 – 2020 INITIATIVE SUMMARY

TASKFORCE:
1. LOD (Jim Bedrick)
2. BxP (Will Ikerd, P.E.)
3. Reality Capture & Simulation (Mark Epstein & Alan Sanoja)
4. Estimating & Scheduling (Brent Pilgrim & Benjamin Crosby)
5. WEB, ANALYTICS, AUTOMATION & ANALYSIS (W3A) (Michael Perdue & Jan Reinhardt)