

Derricke Gray, Industry Strategy Group, Bentley Systems, Inc.

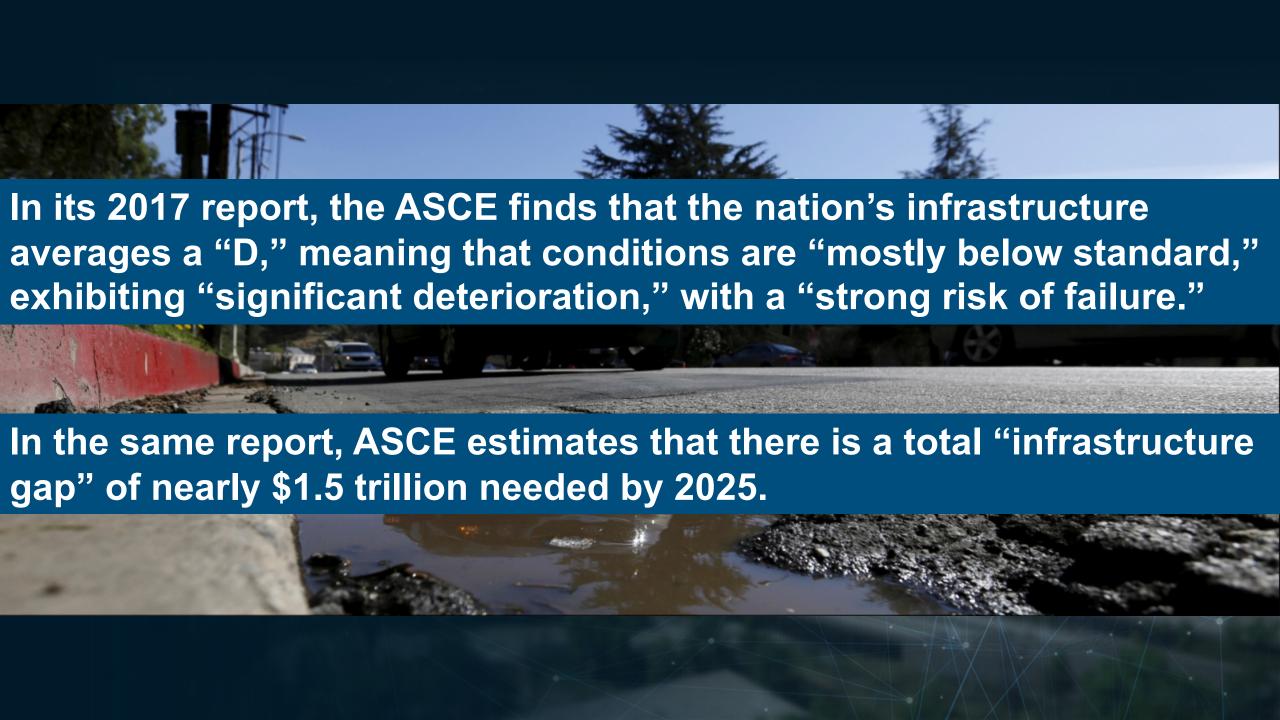




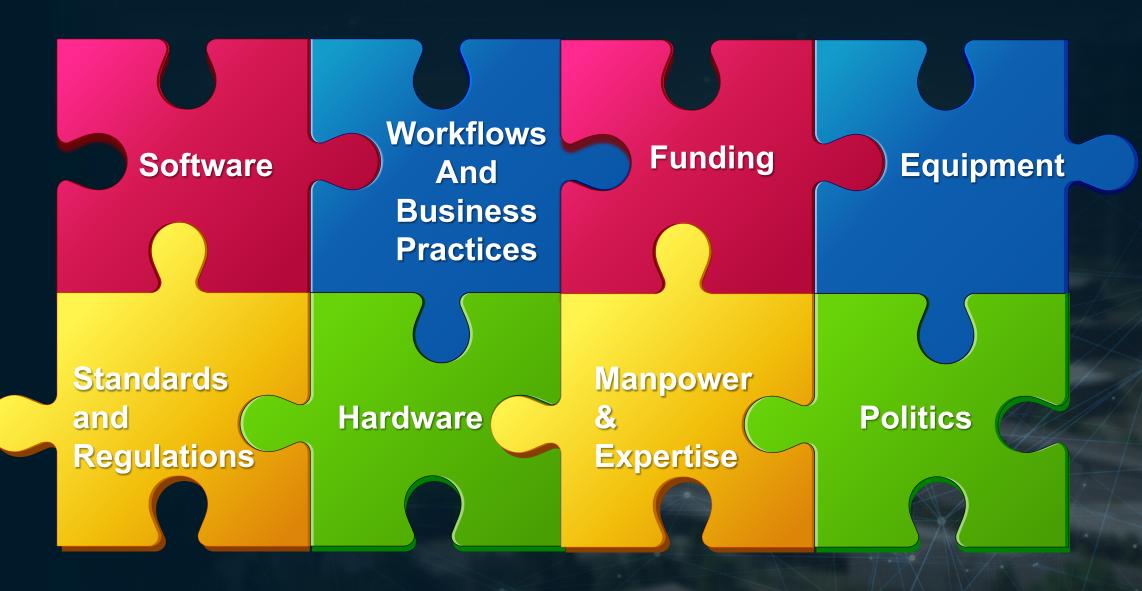








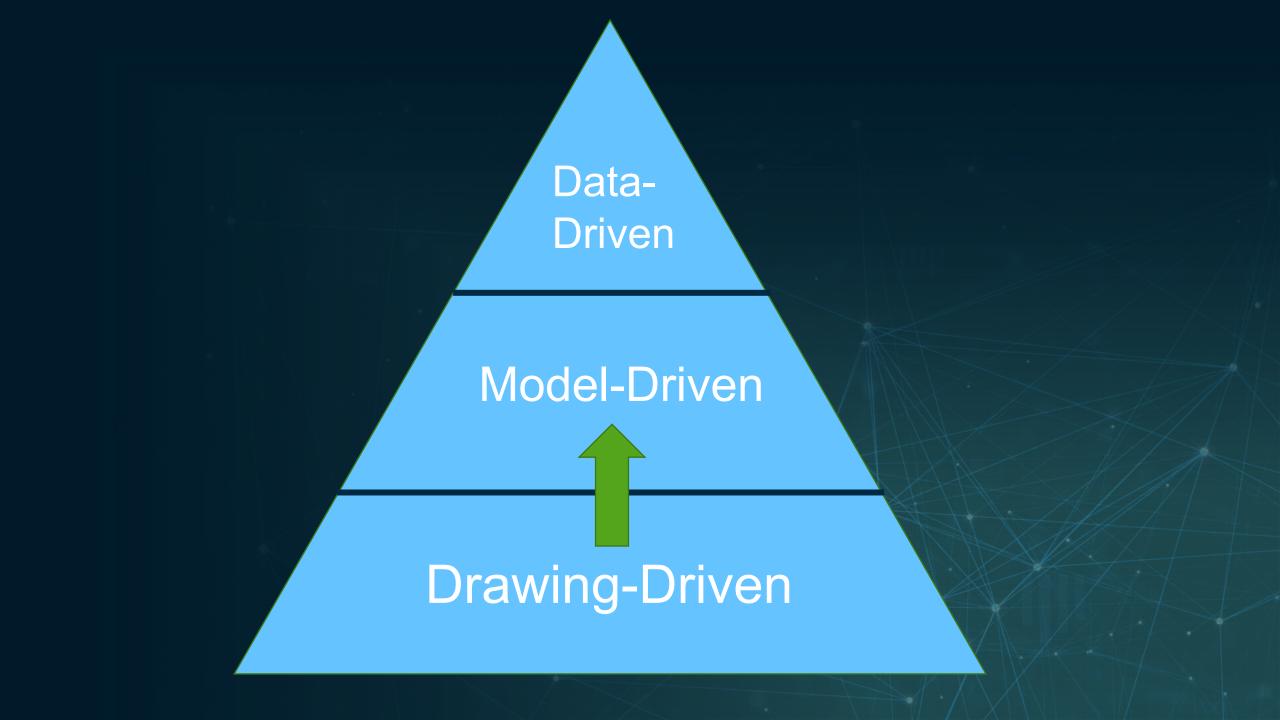
Software: One Piece of the Puzzle







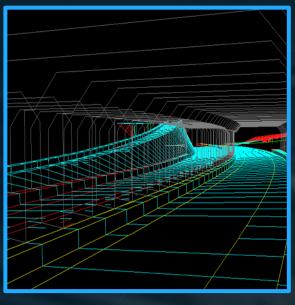
PARADIGM



Modeling Evolution



1985 – 1992



1992 – 2004

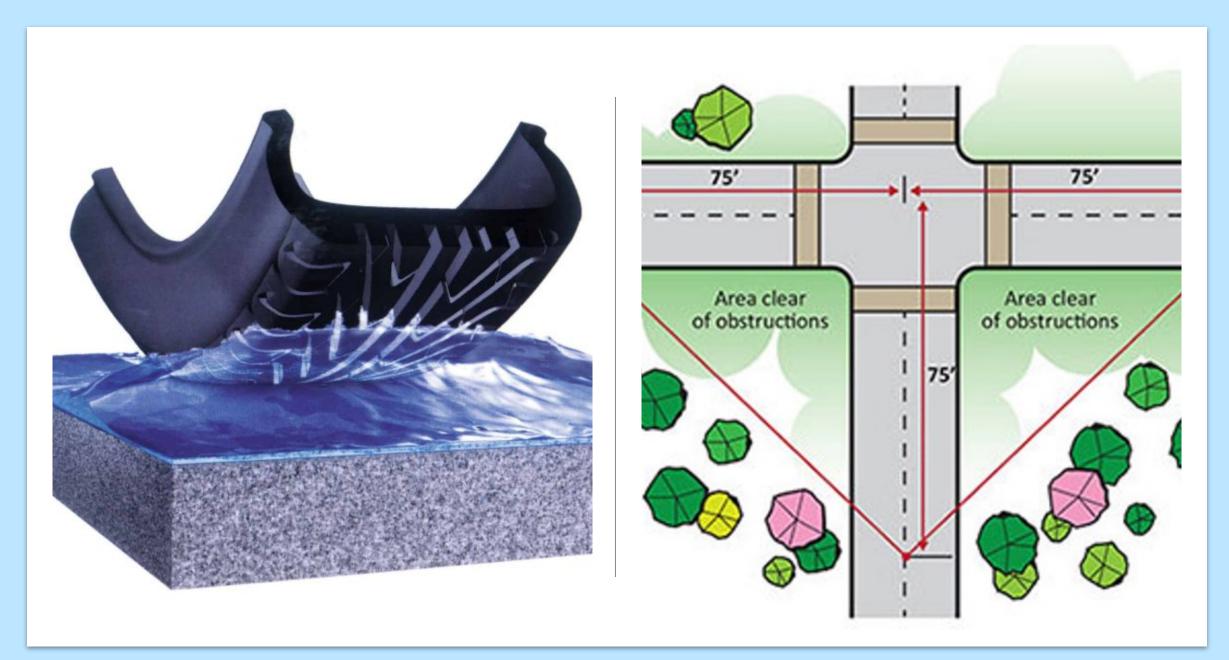


2004 - 2014



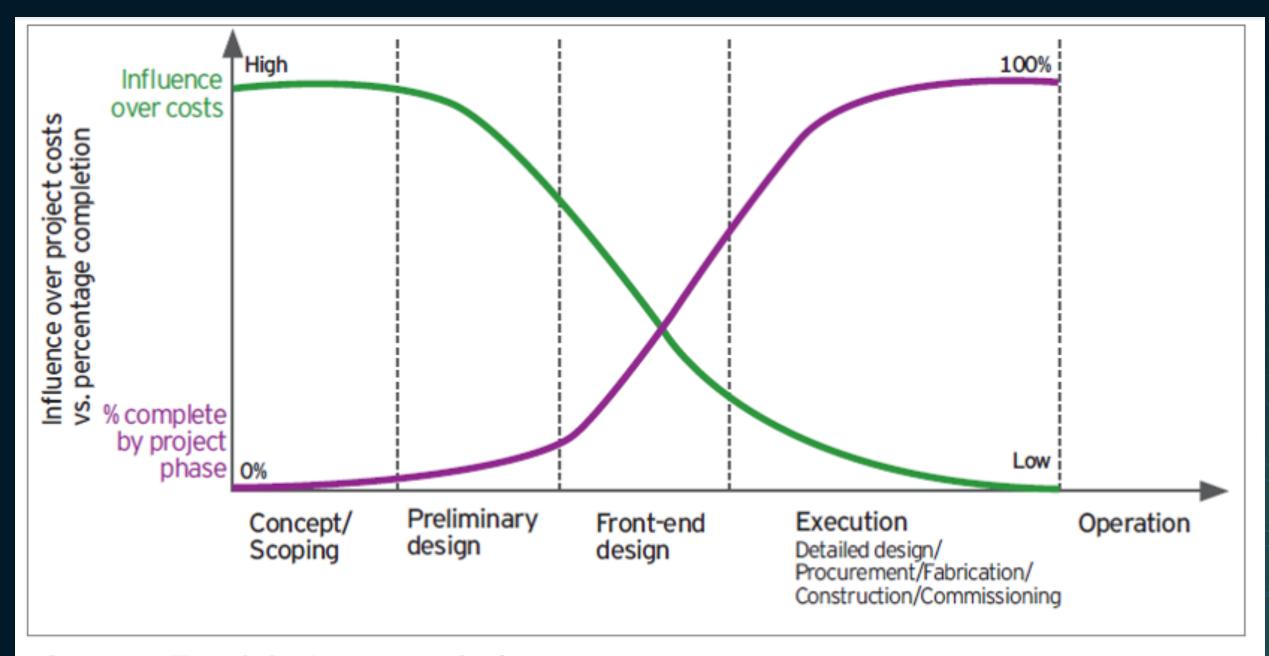
2014 - ...







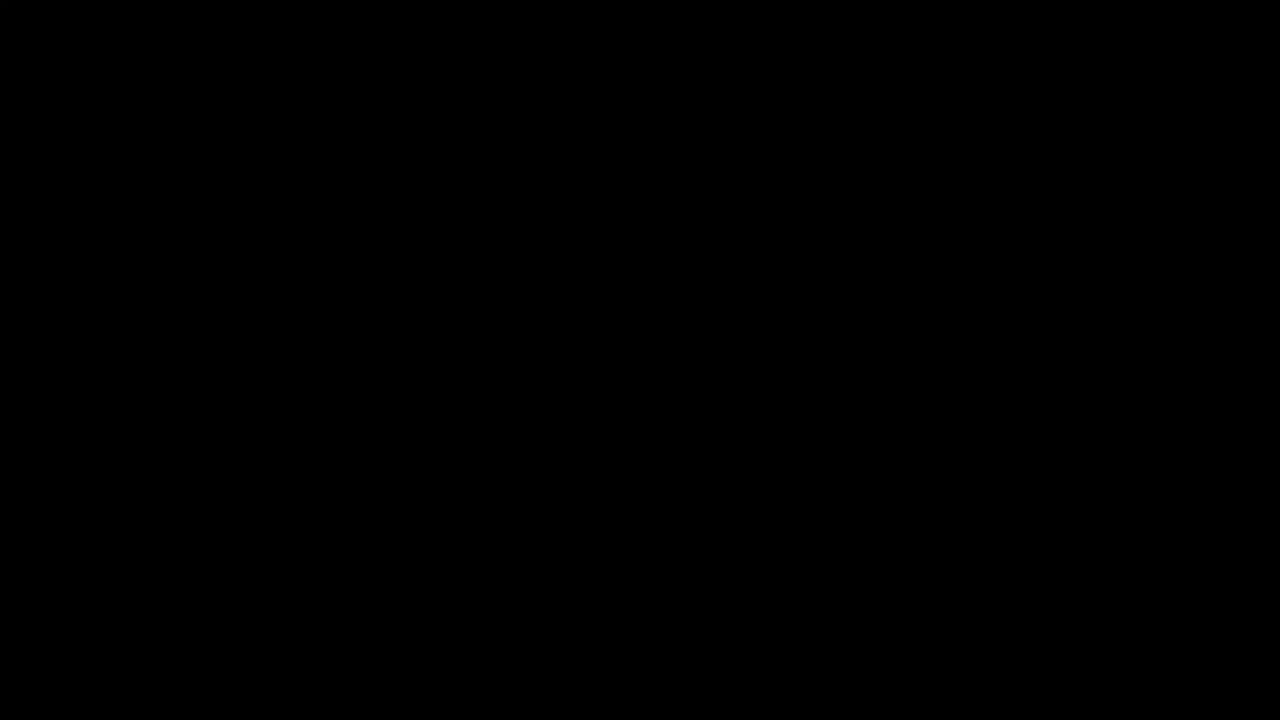


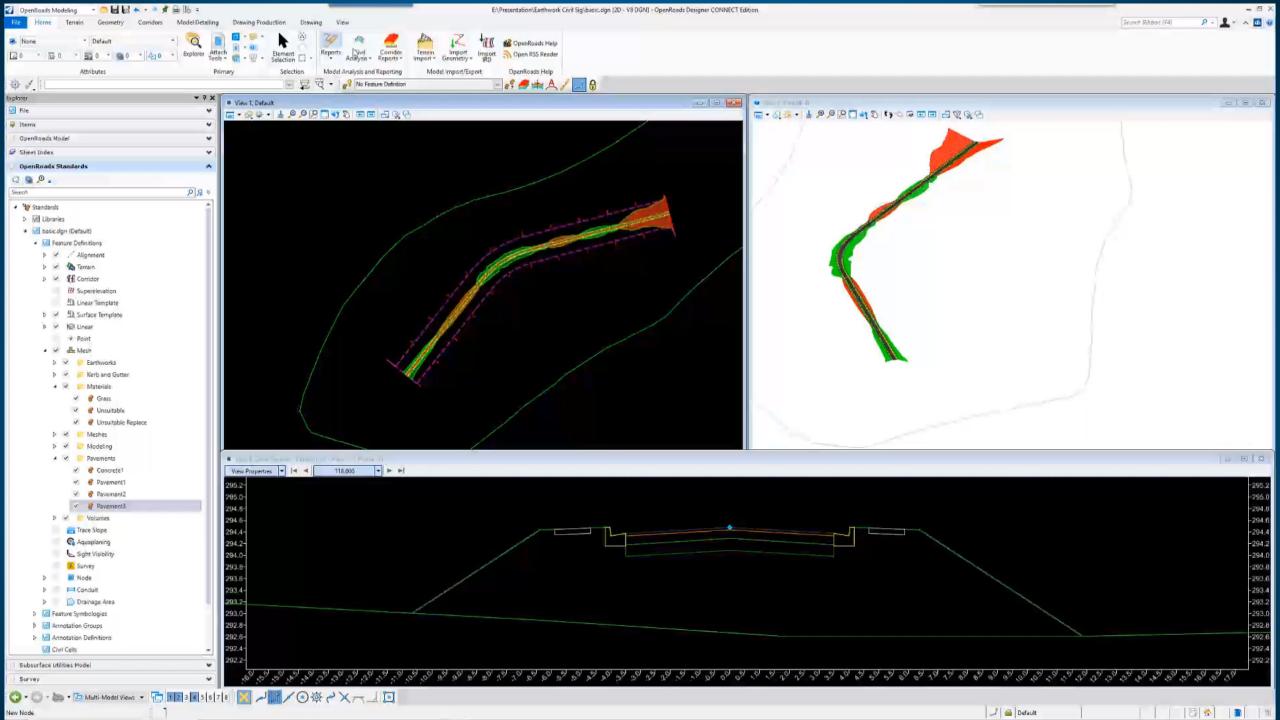


Source: Ernst & Young analysis



♥ + □ 0 0









Decrease in productivity



The Construction Production Imperative, McKinsey Productivity Sciences Center, June 2015; USDA Economic Research Services



Deliverables





"Specialists in the various disciplines have been able to optimize their own in-house Data, Information, Knowledge operations ... most failures are caused by poor handoffs between disciplines." - Tommelein and Gill (1999)



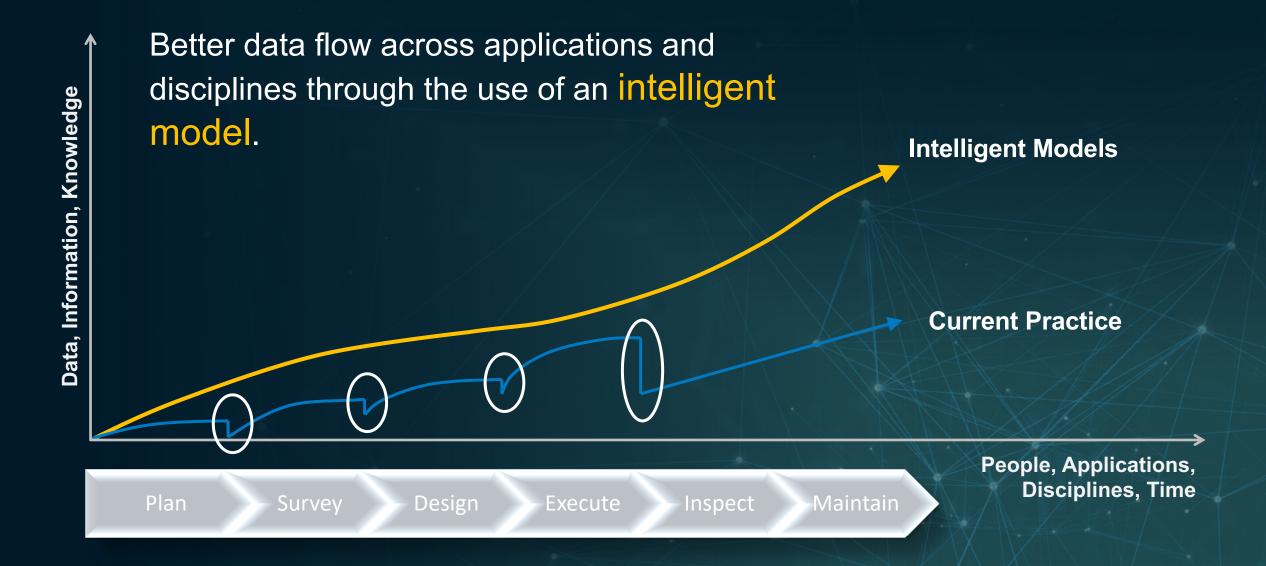
an Survey Design Execute Inspect Maintain

People, Applications, Disciplines, Time

Inefficient Data Flow



What's the solution?



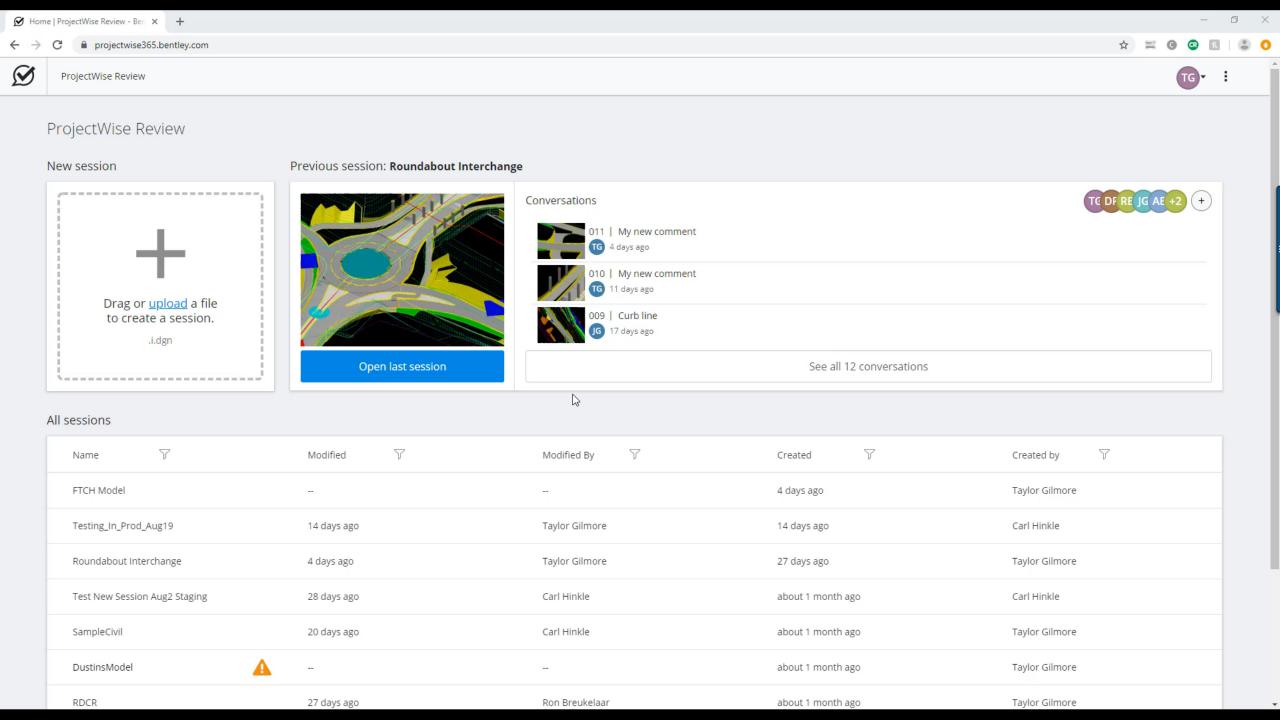




Design Review Today

- Designers designing in 3D and reviewers reviewing in 2D.
- Duplication of design artifacts.
- Printing 2D cut sheets.
- Manual tracking and consolidation of review issues.







You have a collaboration request.

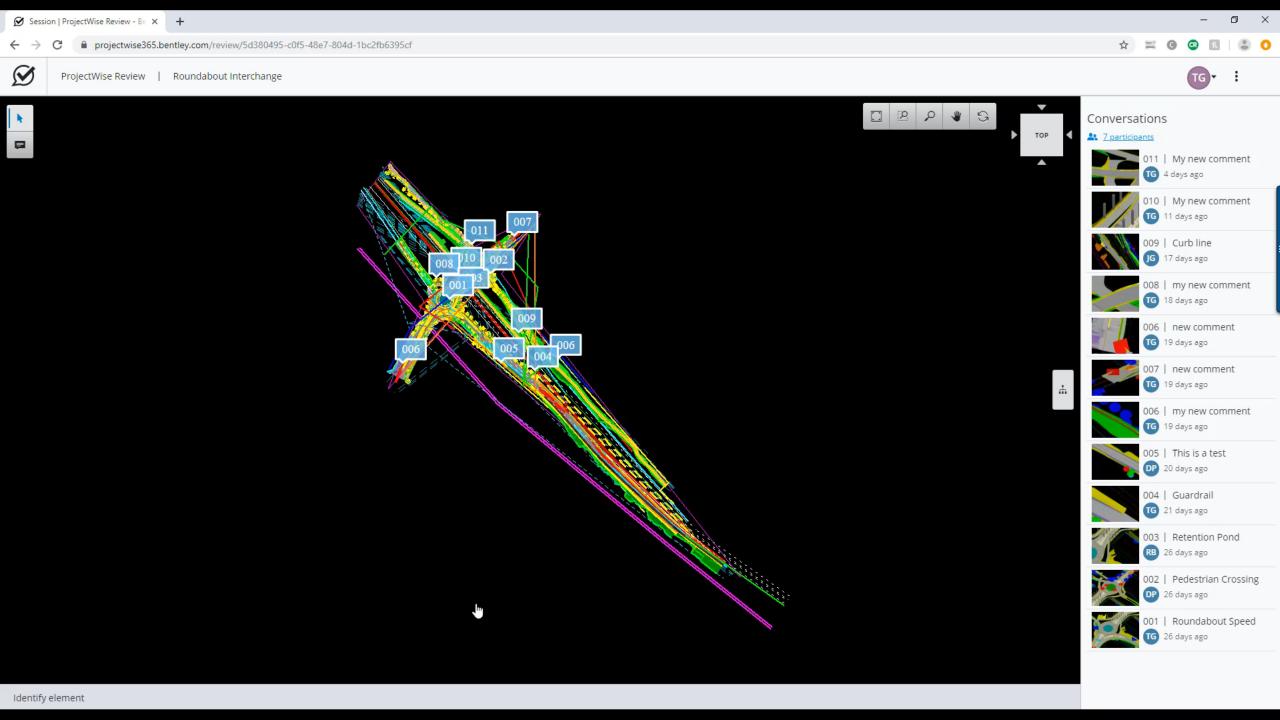
Carl Hinkle from Bentley Systems Inc wants your assistance reviewing "Testing a QA Session".

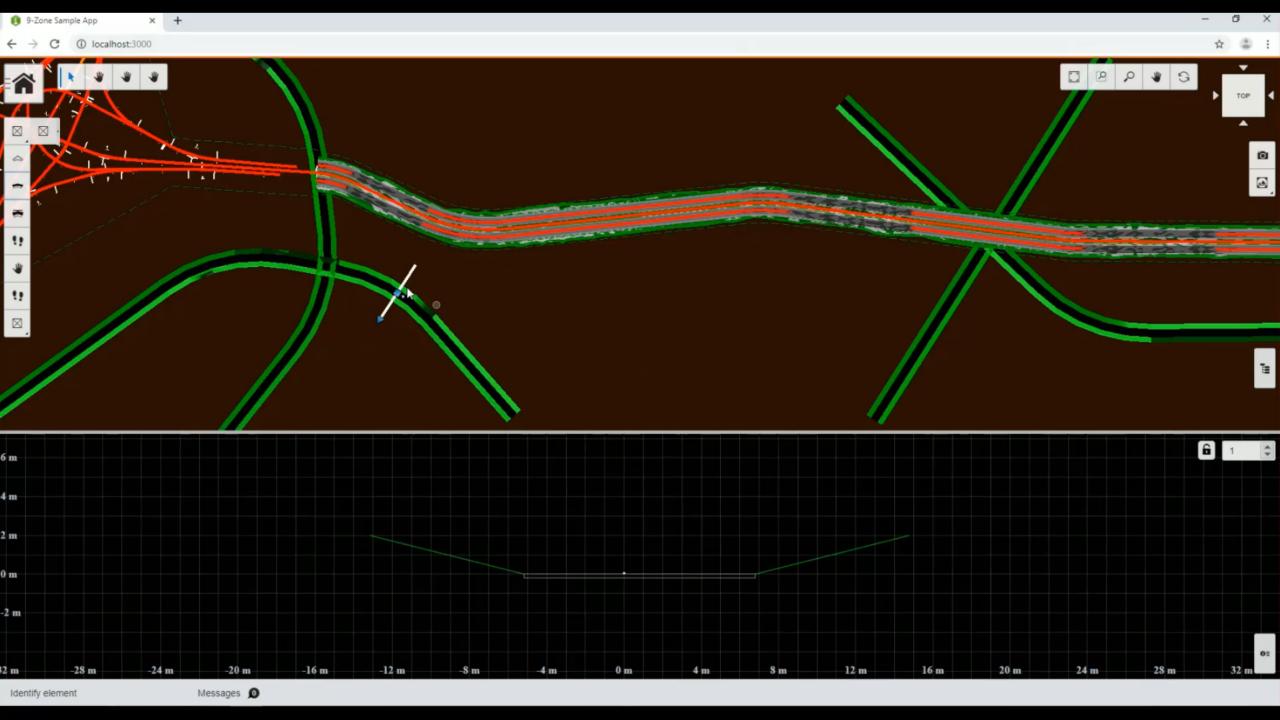
View Request

Button not working?Try the link below: https://qa-projectwise365.bentley.com/review/7da16637-0271-4ab8-a594-4f5d0cbe5f33

ProjectWise Review | Connect | Your Account | About ProjectWise 365 Services

This is an automated email. Please do not reply.



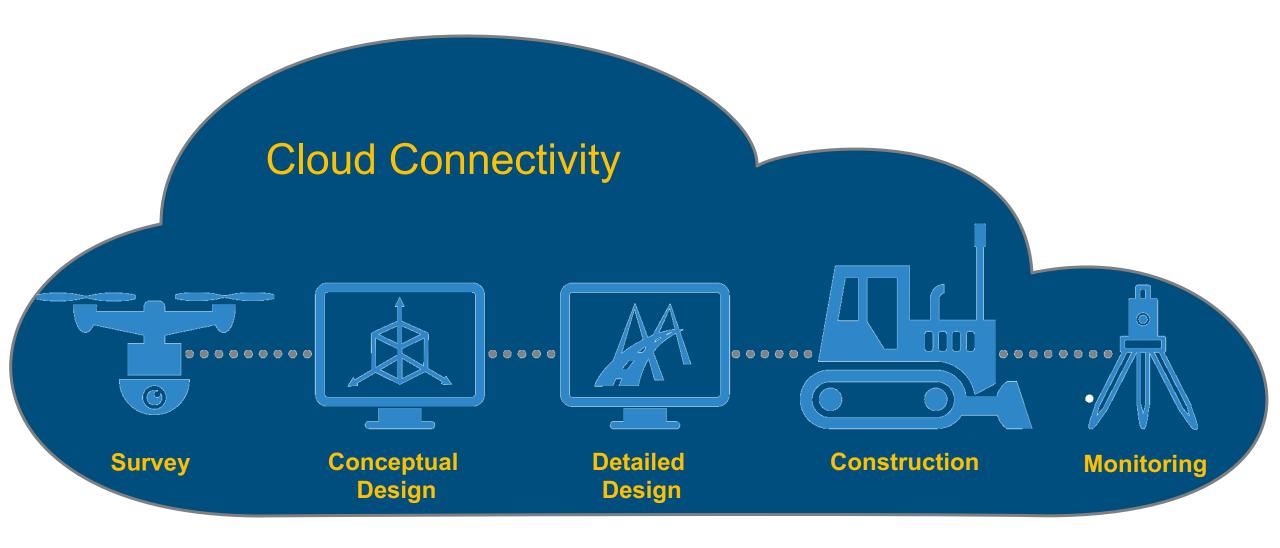


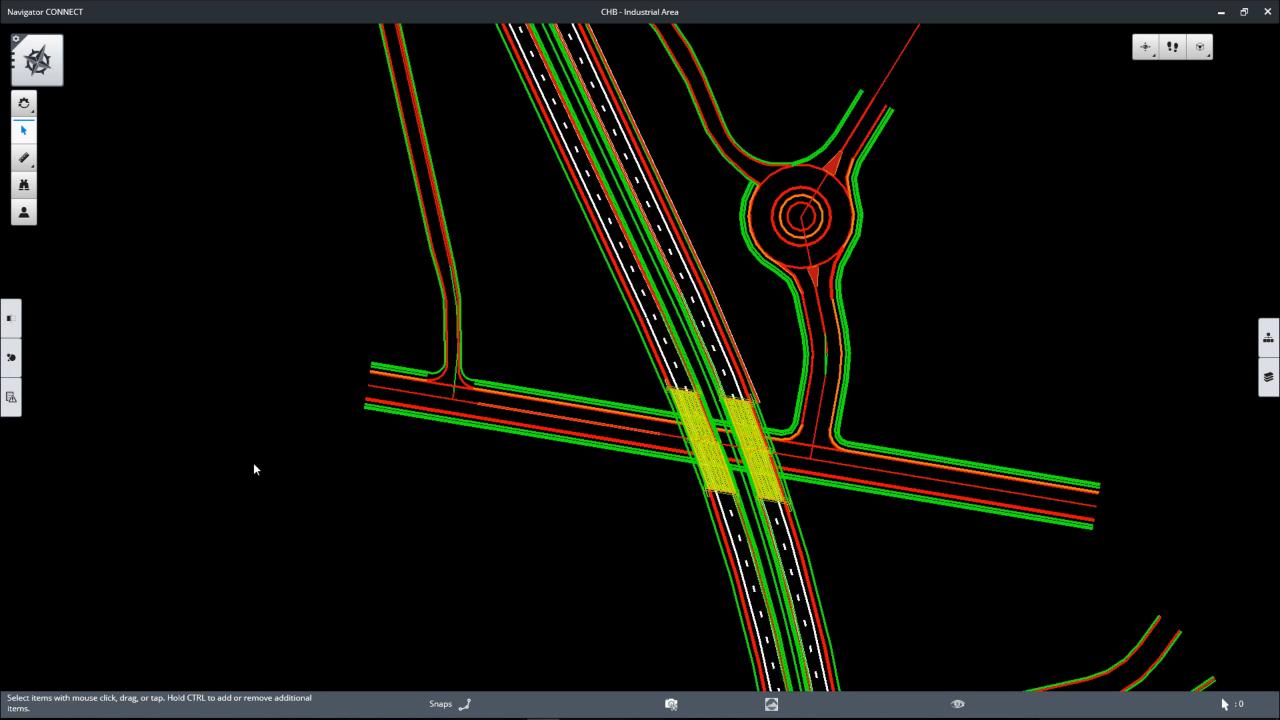


iTwin Design Review

- All done in a browser
- No software to install
- Everything in the Cloud





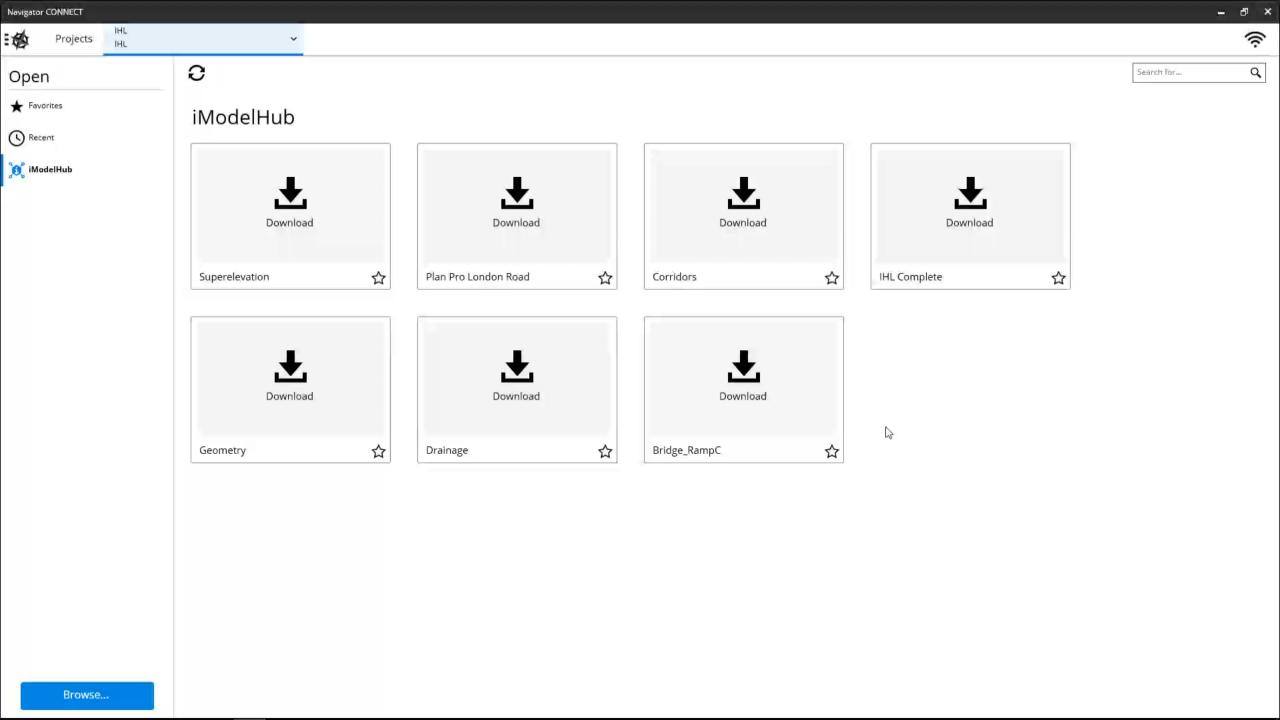






Digital Twin

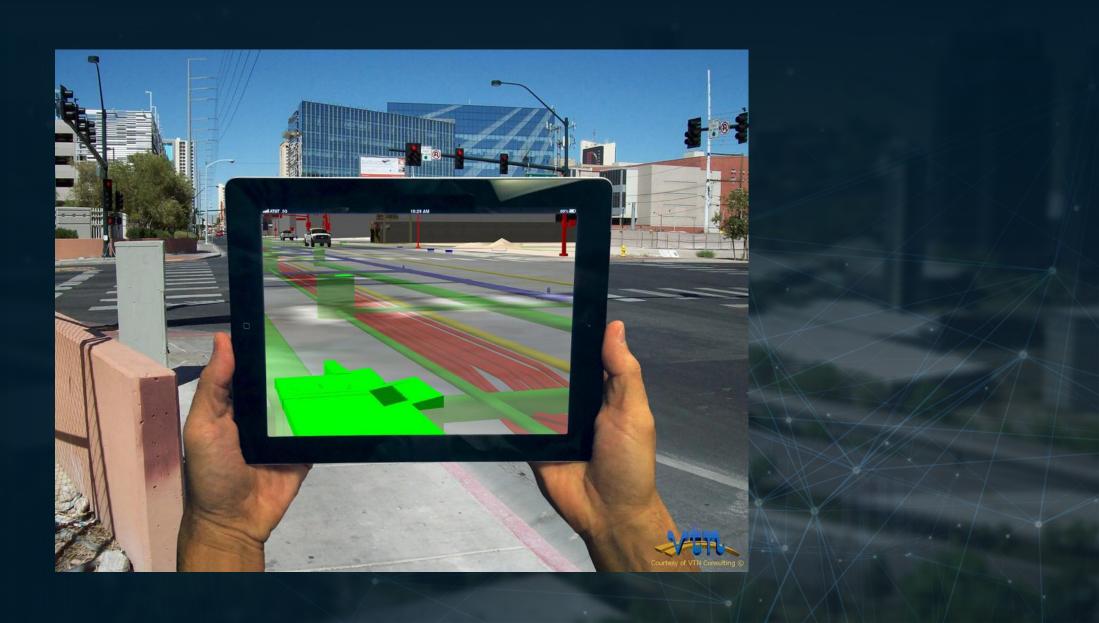








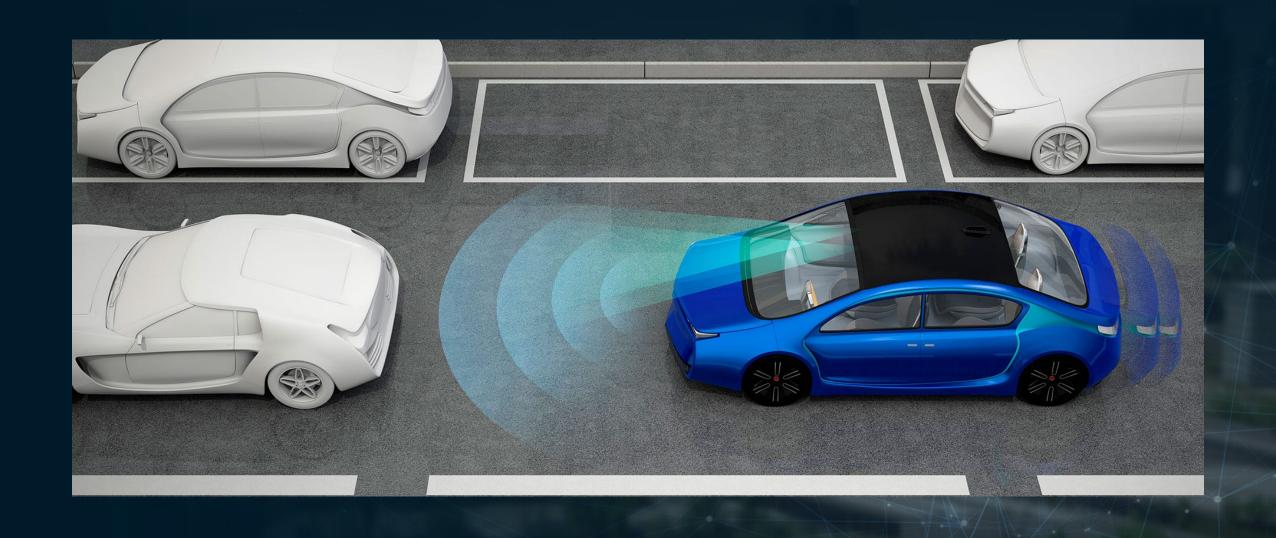
Augmented Reality (AR)



Asset Management

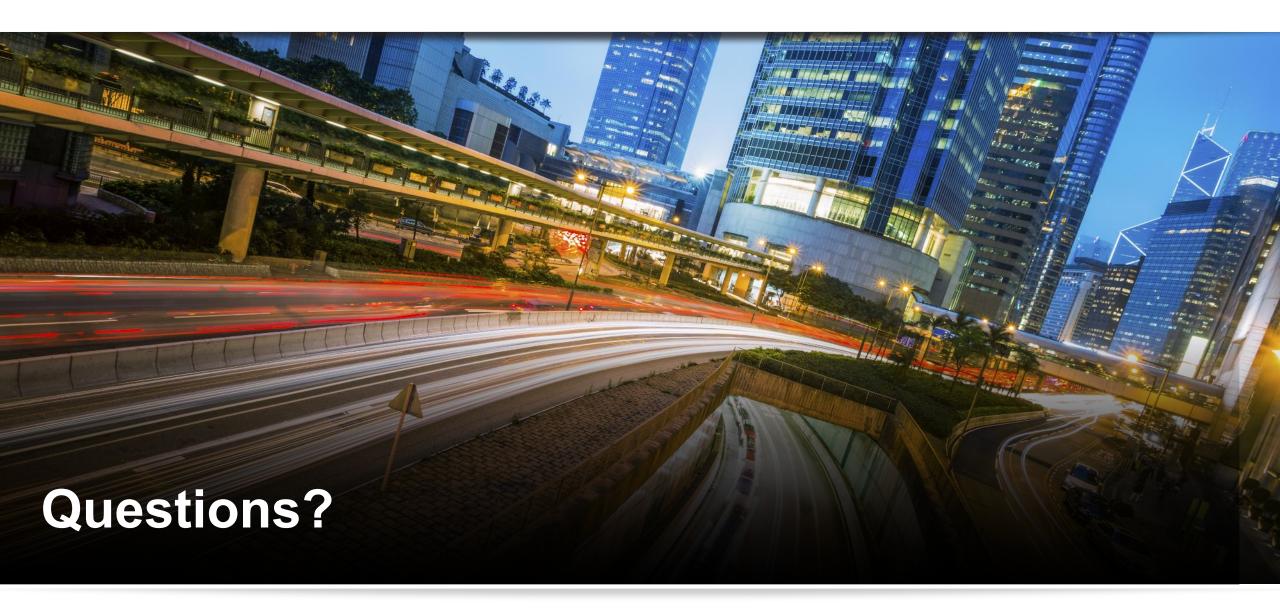


Intelligent Transportation Systems (ITS)



Artificial Intelligence (AI)





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