



# Enabling 3D Design Reviews - iTwin Design Review

# We are discussing today

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Show how iTwin Design Review enables 3D model based design reviews

Describe how iTwin Design Review improves team collaboration

Demonstrate the capabilities of iTwin Design Review

# What you need in a review solution

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Visualize

Share and visualize the correct information with project members



Feedback

Collect and share feedback



Approve

Track changes and reach approval

# Design reviews today

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



# iTwin Design Review

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A simplified 2D/3D hybrid workflow for design review.

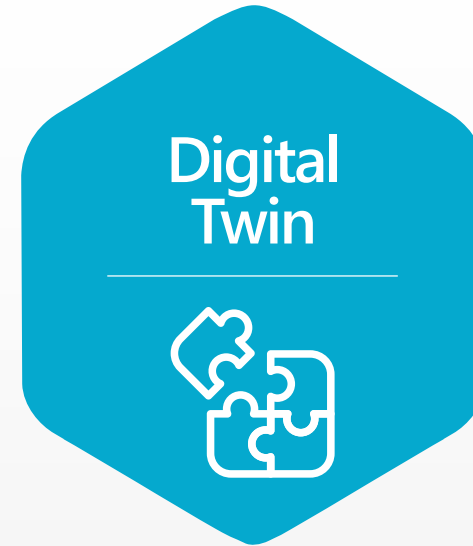
Easy collaboration on work-in-progress and formal design reviews

# iTwin Design Review

Faster design review and project coordination



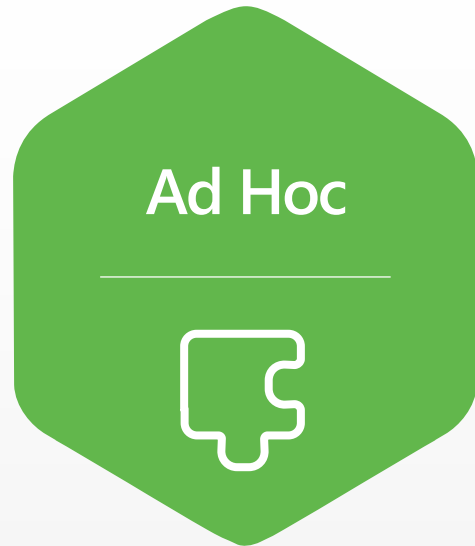
Team level review focused on design review and approval work in progress



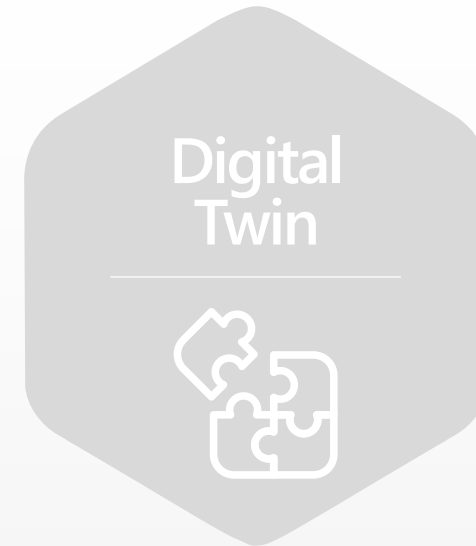
Project level review focused on coordination of trades and authorizing data for release

# iTwin Design Review

Faster design review and project coordination

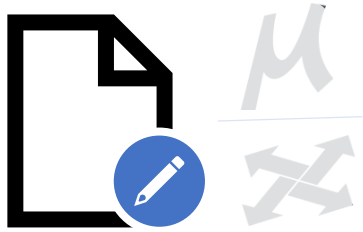


Team level review focused on design review and approval work in progress



Project level review focused on coordination of trades and authorizing data for release

# Review and approval steps



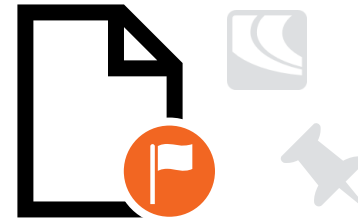
1

**Associate Engineer**  
creates a 3D Model and  
sends for review.



2

**Lead Engineer**  
reviews the  
drawing.



3

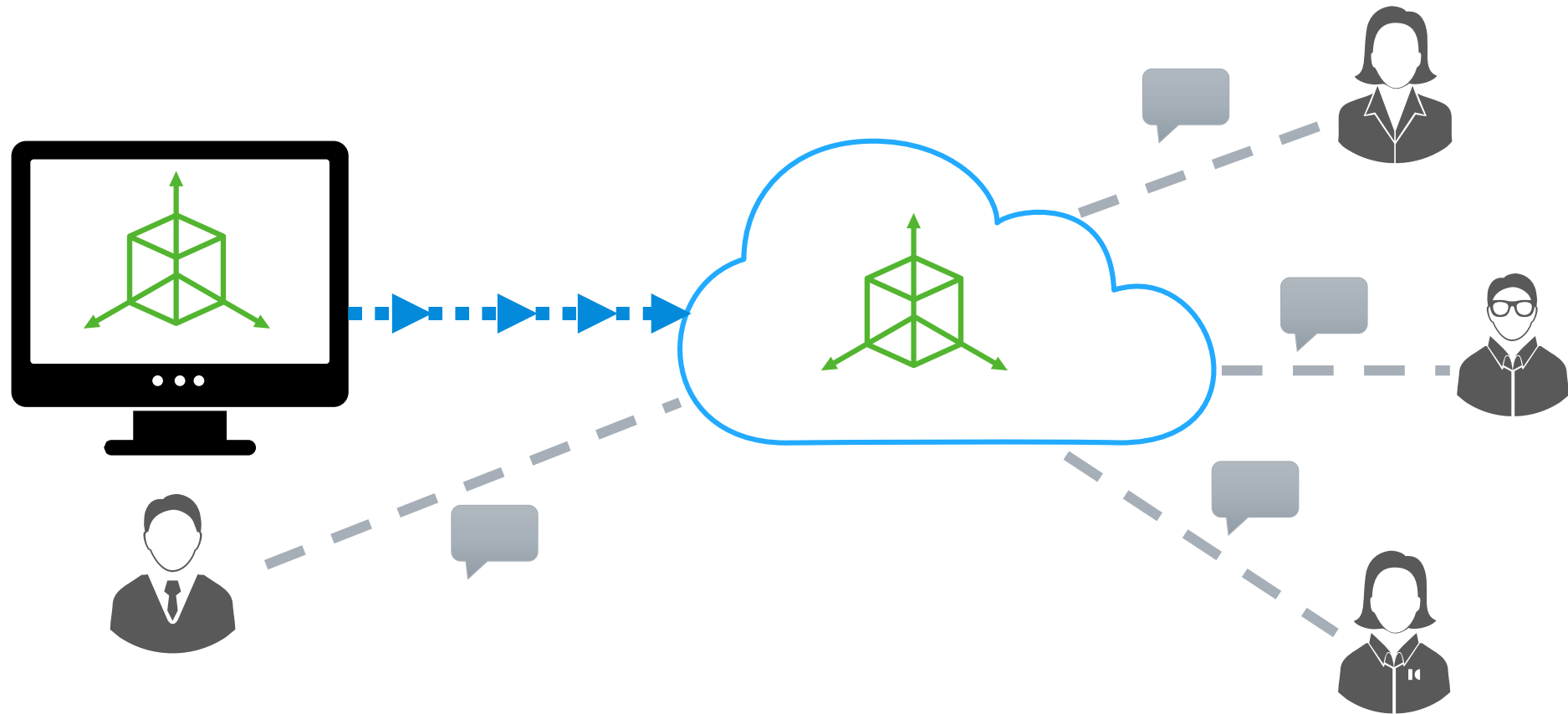
**Lead Engineer** is  
not happy! Adds  
issues.



4

**Associate Engineer**  
gets notified.

# iTwin Design Review Session Workflow





# iTwin Design Review

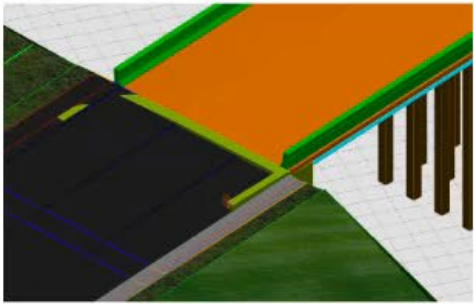
## New session

+

Drag or [upload](#) a file to create a session.

.i.dgn

## Previous session: **Coffs Harbor**



Open last session

## Conversations



- 007 **Tunnel Shoulder Clearance**  
CH 1 day ago
- 009 **Geotechnical Analysis**  
CH 6 days ago
- 004 **Guardrail at Tunnel Portal**  
TG 6 days ago

See all 9 conversations

## All sessions

Show closed sessions

Name	Modified	↓	Modified By	Created	Created by	
Bridge	about 6 hours ago		Archana Maharjan	3 months ago	--	...
1-80-380-BRIDGE	about 6 hours ago		Jean-Paul Gauthier	1 day ago	Jean-Paul Gauthier	...
Coffs Harbor	1 day ago		Carl Hinkle	12 days ago	Carl Hinkle	...
Testing-In-Dev-Sep-30	2 days ago		Taylor Gilmore	10 days ago	Carl Hinkle	...
I-80 Interchange	2 days ago		Taylor Gilmore	15 days ago	Taylor Gilmore	...
3D Sample	5 days ago		Taylor Gilmore	19 days ago	Taylor Gilmore	...

File **Message** Help Tell me what you want to do

Delete Archive Reply Reply All Forward Quick Steps Move Tags Editing Speech Zoom Report Phish to SOC Insights


SRF To Manager Team Email Mark Unread Assign Policy Categorize Follow Up Translate Read Aloud Zoom Bentley SOC

Tue 10/8/2019 1:52 PM

**N** noreply-projectwisereview@bentley.com  
iTwin Design Review Session Ready

To Taylor Gilmore

If there are problems with how this message is displayed, click here to view it in a web browser.



**Your review session is ready!**

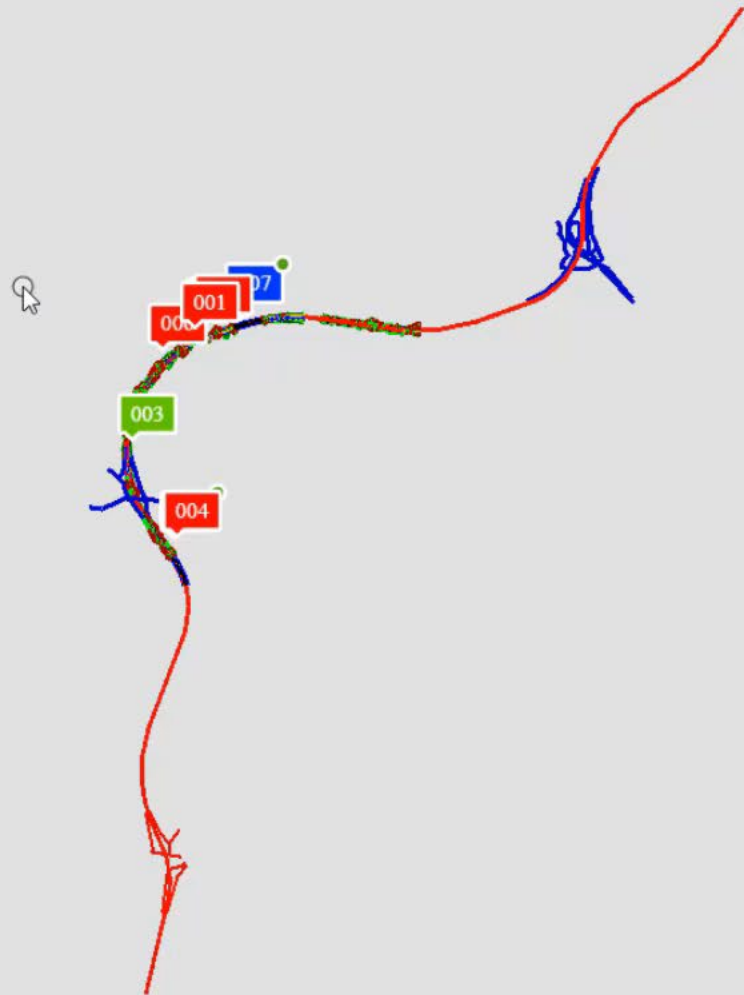
The iTwin Design Review session "Conversion in QA" is ready to use.

[View Session](#)

Button not working? Try the link below:  
<https://qa-projectwise365.bentley.com/review/3b03ad27-eeeb-420e-a03f-6e60d1c5cbb3>



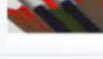





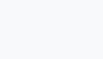
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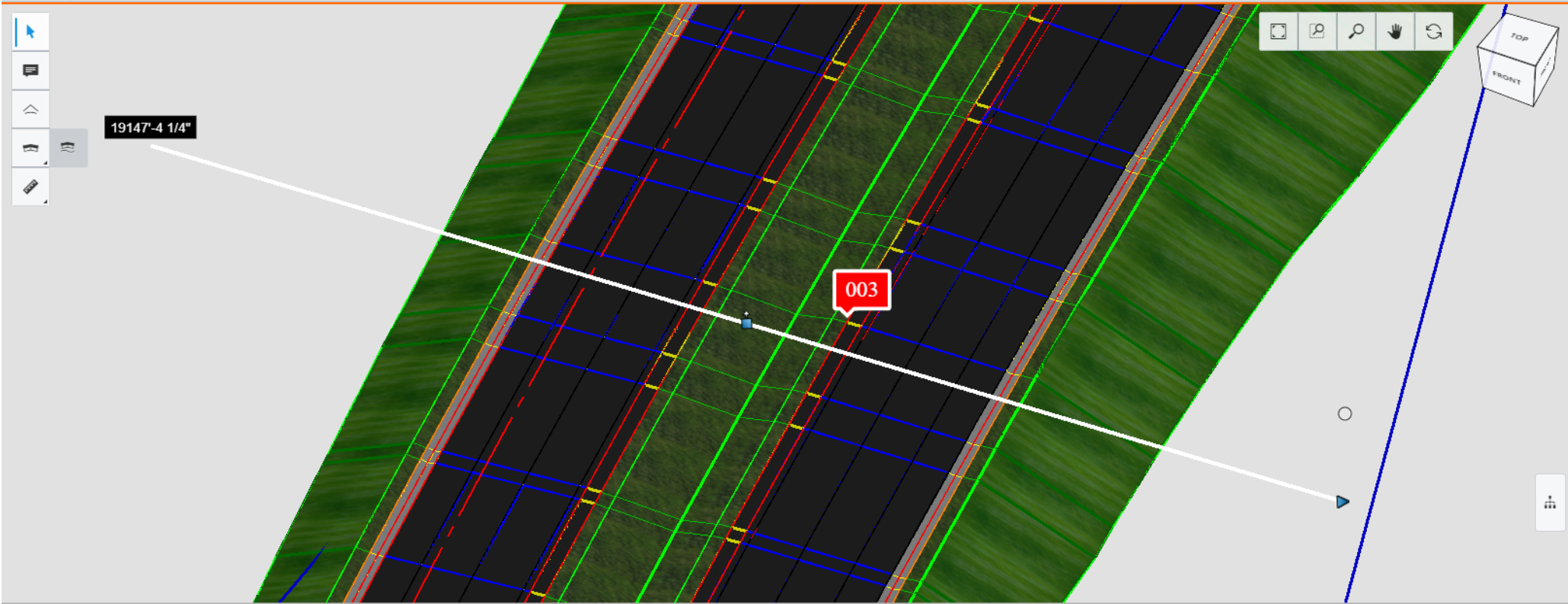


### Comments

2 participants

-  **007 Tunnel Shoulder Clearance**  
CH 9 days ago
-  **009 Geotechnical Analysis**  
CH 14 days ago
-  **004 Guardrail at Tunnel Portal**  
TG 14 days ago
-  **008 Bridge Type**  
TG 14 days ago
-  **006 Vertical Alignment**  
TG 14 days ago
-  **005 Span Length**  
TG 14 days ago
-  **003 Check slopes on superelevation fill**  
TG 14 days ago
-  **002 Parapet Design**  
TG 14 days ago
-  **001 Approach Superelevation Clash**  
TG 14 days ago



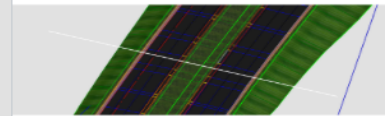


19147'-4 1/4"

003

⏪ Check slopes on supereleva... 003

Status ● Completed



Go to Saved View

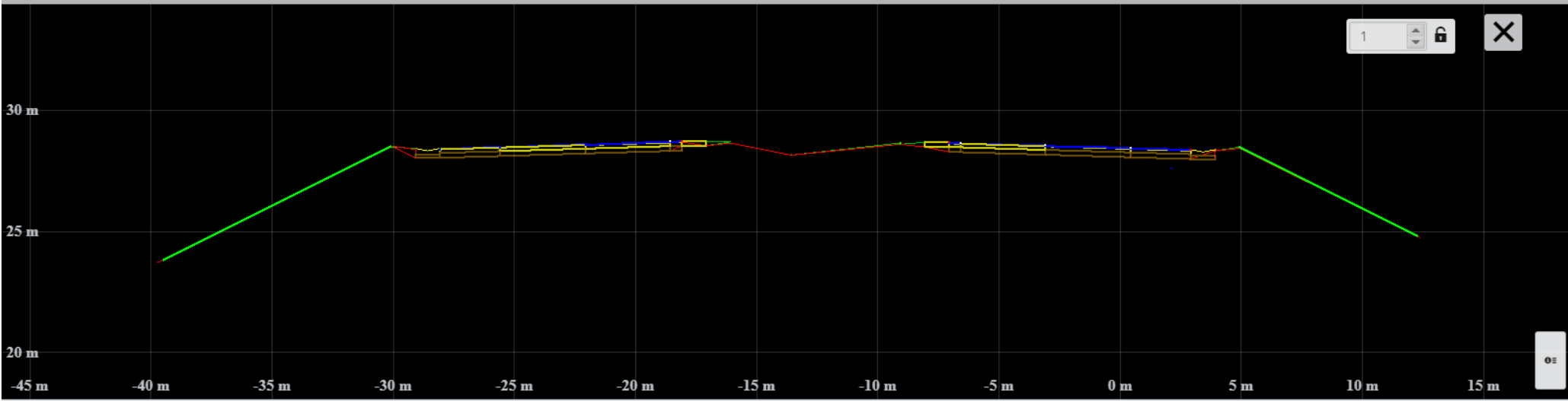
Created by Taylor Gilmore October 3rd, 2019

Today

< 1 minute ago  
 Please verify if we need the 4-1 slope at this station

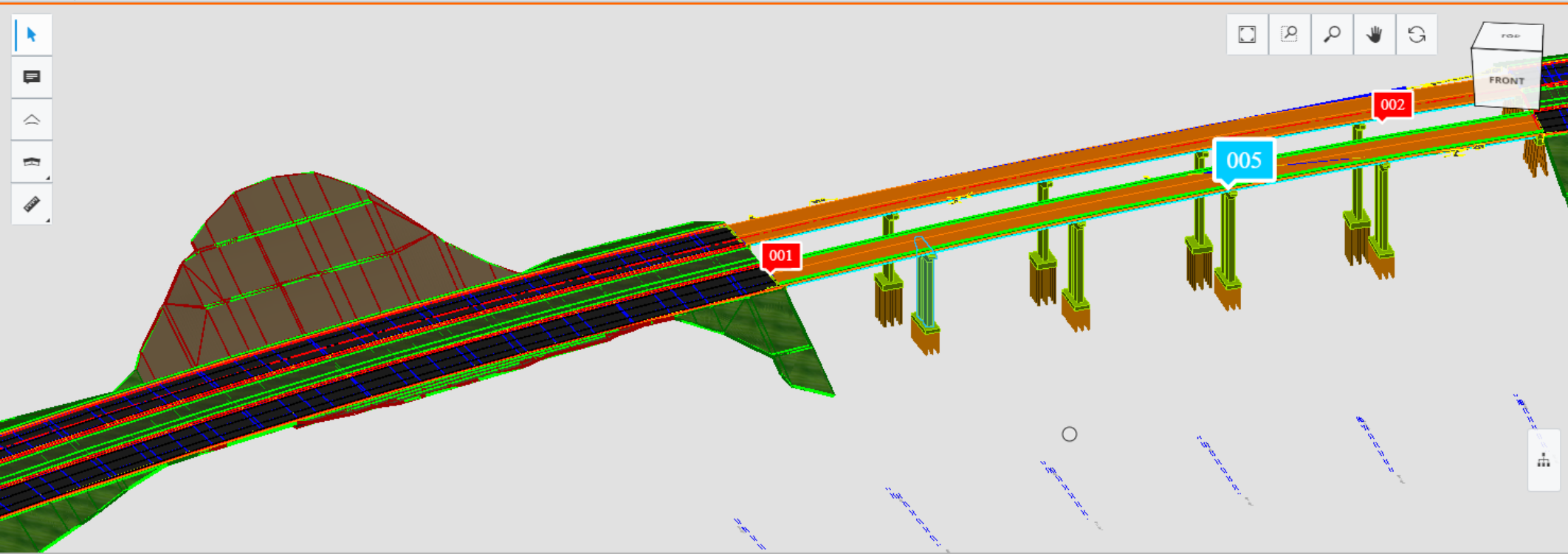
Status changed to ● Verified by Taylor Gilmore

Status changed to ● Completed by Taylor Gilmore



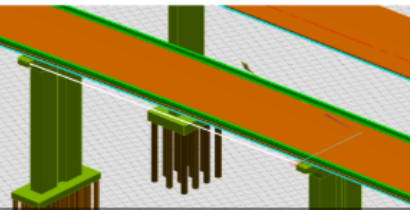
1 🔒 ✕

Add your comment



Span Length 005

Status ● New

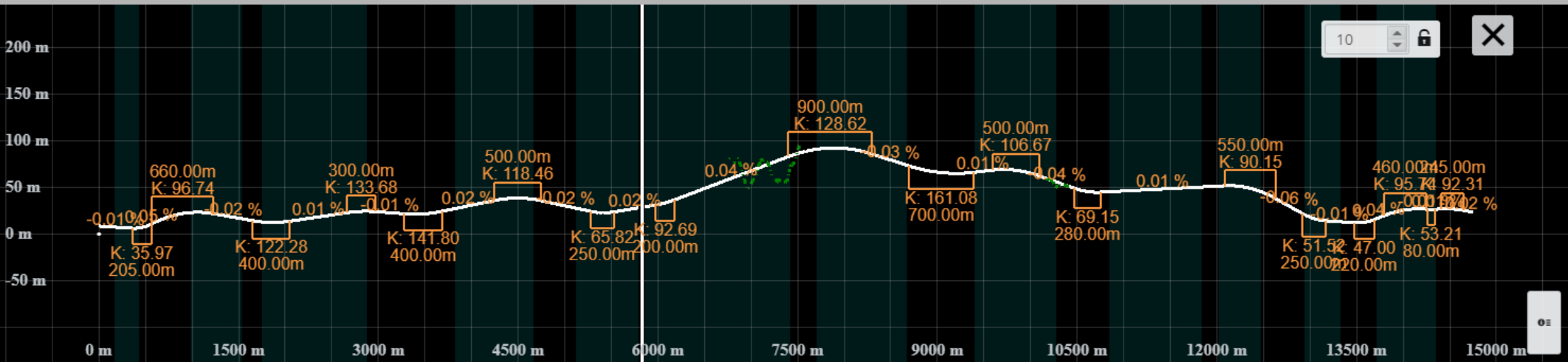


Go to Saved View

Created by Taylor Gilmore October 3rd, 2019

Today

about 2 hours ago  
 Please provide structural analysis for this steel bridge.



10 🔒 ✕

Add your comment



iTwin Services



iTwin Design Review

## In Summary

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iTwin Design Review saves time  
and improves collaboration

Get Started Today!

<https://review.itwin.bentley.com/>

<http://www.bentley.com/iTwin-Design-Review/>