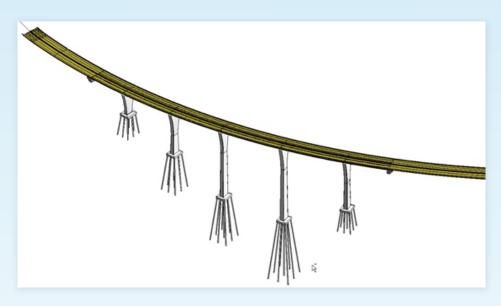# Civil structure alignments in Revit

We created alignment datum in Revit that allows bridge designers and engineers to complete detailed design and documentation, expanding the Revit workflow to support infrastructure-related design.

Improved bridge alignment documentation

FEEDBACK FORUM
We studied our customers' workflows related to bridge design and heard their pain points, current workarounds, and expectations for an ideal experience.

WHAT WE HEARD
- Bridge designers and engineers need a basic way to annotate alignments so that they can communicate their location and properties.
- When annotating for alignments in Revit, users want to see station marks, station intersection (station equation) marks, and the "highest elevation" of the alignment.
- Users require a better update mechanism from InfraWorks to Revit.
- Developed elevations are important for the target users.

WHAT WE BUILT
- An ability to import alignment from InfraWorks data (available with the Autodesk Revit InfraWorks Updater plugin.)
- New functionality for annotating alignment station and station set.
- A complete bridge design workflow through the AEC Collection.

WHAT'S NEXT
We are working with customers to prioritize and implement other requests. For an overview of the complete workflow using the AEC Collection, check out our YouTube video.

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