

Innovation Exchange

Conversations Launching Change

Presented by the Federal Highway Administration Local Aid Support

Visualization Tools for Design, Construction and Decision-Making

Thursday, July 18, 2024 | 2:00 - 3:00 P.M. EST

Explore the plethora of tools available to project managers and teams when confronted with difficult choices in design, construction and even planning phases of a project. Communication and visualization tools offer an opportunity to the public and others who are not immersed in the technical or engineering professions to plainly “see” and understand the risk of certain action over another, or the consequences of no action. The lack of completely understanding consequences or fully visualizing an outcome can lead to unfulfilled expectations, impacting projects and professional relationships.



FHWA Office of Federal Lands

Today’s new visualization tools can better inform project teams, decision makers, and the public, leading to more informed decisions that help expedite project delivery. The Office of Federal Lands Highway will demonstrate several available tools that can help communicate to the non-engineer such as handheld LiDAR scanner, virtual public involvement, and 3D printing.



Learn from the engineers and designers who are using this new technique. For questions, contact [Karyn Vandervoort](#), FHWA National Program Manager, Innovation and Research or email CLAS@dot.gov.

The Center for Local Aid Support will provide a certificate of participation for this event. Simply select “[yes](#)” when prompted during registration.

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