



Accelerate Adoption of Advanced Digital Construction Management

Included in the Infrastructure Investment and Jobs Act is a new \$100 million (\$20 million per year over five years) grant program that encourages state departments of transportation to accelerate their usage and deployment of advanced digital construction management systems. These systems are generally defined as commercially proven digital technologies and processes for managing construction and engineering activities, including, but not limited to:

- ◆ Commercial cloud-based advanced decision-support technologies for infrastructure planning and coordination
- ◆ Commercial building information modeling
- ◆ Digital 3D design software

This new grant money, included in the Federal Highway Administration's (FHWA) Technology and Innovation Deployment Program, allows states to purchase technology platforms, train personnel, develop best practices, and develop guidance to assist in updating regulations to allow project sponsors and contractors to fully capture the efficiencies and benefits of advanced digital construction management systems, among other uses. As digital transformation in the construction and engineering sectors is a priority for the U.S. Department of Transportation (USDOT) and the FHWA, this program is a great way for states to take advantage of this momentum.

FHWA has studied the benefits of advanced digital construction management systems and concluded that implementing them will:

- ◆ Improve workflow
- ◆ Increase transparency
- ◆ Improve safety

- ◆ Enhance quality
- ◆ Save time and money

Across the country, state departments of transportation are utilizing advanced digital construction management systems to reduce project costs, accelerate project delivery, and build more innovative, resilient, and sustainable infrastructure.

Bentley is the *infrastructure engineering company* with innovative digital construction and engineering technology for the transportation industry. We have a long history of successfully working with state governments and providing solutions to nearly every state department of transportation for the construction of their infrastructure. Bentley also maintains robust relationships with USDOT and FHWA, as well as those that are responsible for overseeing the administration and implementation of this new program.

This program is fully funded; however, the FHWA must still circulate rules and regulations surrounding it. FHWA is expecting to fully implement the program in the coming months.

Once the program is operational, state departments of transportation are encouraged to partner with Bentley to apply for some of the new grant money to allow you to purchase, deploy, implement, or accelerate advanced digital construction management systems. State departments of transportation will have access to Bentley's team of dedicated grant writers to help with your submission.

We look forward to partnering with you in this endeavor!

[Please click here to learn more and talk to us about how to get started.](#)

About Bentley

Bentley Systems (Nasdaq: BSY) is the *infrastructure engineering software* company. We provide innovative software to advance the world's infrastructure – sustaining both the global economy and environment. Our industry-leading software solutions are used by professionals, and organizations of every size, for the design, construction, and operations of roads and bridges, rail and transit, water and wastewater, public works and utilities, buildings and campuses, mining, and industrial facilities. Our offerings include *MicroStation*-based applications for modeling and simulation, *ProjectWise*[®] for project delivery, *AssetWise*[®] for asset and network performance, Seequent's leading geosciences software portfolio, and the *iTwin*[®] platform for infrastructure digital twins. Bentley Systems employs more than 4,000 colleagues and generates annual revenues of more than \$800 million in 172 countries.

