Many road and bridge owner-operators are changing their processes to adopt digital workflows. Why? Because adopting 3D/4D digital design and construction workflows will enable them to connect people and data to optimize construction and deliver more projects, faster, and safely.

Projects WITHOUT coordinated design and construction planning:
- Lengthy review processes with 7+ iterations
- Siloed workflows between design and construction teams
- 20% percent of heavy civil projects running over schedule
- Design errors that result in costly change orders and omissions
- Lack of data to properly maintain and operate the infrastructure asset

Projects WITH coordinated design and construction planning:
- Expedite design and construction review processes by 30%
- Increase collaboration, quality, and project safety
- Accelerate construction time by 20% or more
- Reduce change orders by 15% or more
- Improve operation and management of the asset with digital-as-built records

Benefits of Coordinated Road and Bridge Construction Planning

One-third of state DOTs already require a for-information-only BIM model on projects.

Nine states have completed, or are in the middle of, pilot projects that use a model as the signed and sealed legal document.

Digital delivery will reduce change orders by 15% – a significant financial benefit.

LEARN MORE ABOUT BENTLEY’S ROAD AND BRIDGE CONSTRUCTION PLANNING SOLUTION

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