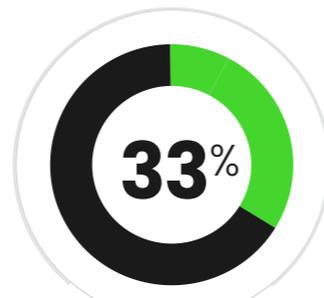
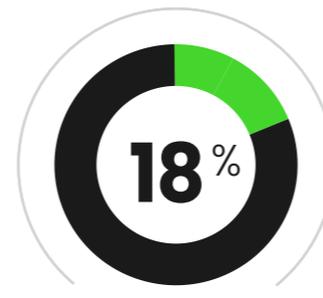


# Benefits of Coordinated Road and Bridge Construction Planning

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.



**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.<sup>1</sup>



Digital delivery will reduce change orders by **15%** – a significant financial benefit.<sup>1</sup>

## 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

**LEARN MORE ABOUT BENTLEY'S ROAD AND BRIDGE CONSTRUCTION PLANNING SOLUTION**

**DOWNLOAD E-BOOK >>**

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