

## Temporary Work Bridge for Foothills Parkway Bridge No. 2

**790 ft crane and segment trestle on steep hillside**



**Temporary work bridge to facilitate the top-down construction and erection of a precast balanced cantilever bridge in the Great Smoky Mountain National Park.**

- Sitting on micro-piles and precast pile caps
- 790 ft long, 7% grade, S-shaped (reverse curve)
- Adjustable deck width to suit equipment
- Switch between pinned and fixed foundations

Used for:

- Trestle foundation construction
- Trestle erection
- Bridge foundations and substructure construction
- Crane and truck traffic
- Segment delivery and erection
- Trestle removal

Project - Foothills Parkway Bridge No. 2  
Location - Blount County, Tennessee  
Year - 2011  
Type - Temporary Work Bridge  
Owner - Federal Highway Administration  
GC - Bell & Associates Construction  
Client - VStructural LLC