H&B Rail Trail
Broad Top, PA

**Overview**
The Huntingdon and Broad Top Mountain Railroad and Coal Company was established in 1853 to provide a short line rail link from Huntington to Bedford to support local coal producers. At the height of its operation, the rail stretched 72 miles and included a trestle bridge built in the 1860s to carry the train over the Juniata River. The trestle bridge needed to be renovated to accommodate pedestrian traffic.

Owner: Broad Top Township
Installation Date: July 2014

**Bridge Deck Dimensions**
- Deck Size: 350 feet by 13 feet
- Deck Area: 4,550 square feet
- Deck Panel Dimensions: 23.33 feet by 13 feet
- Deck Depth: 5 inches
- Deck Weight: 7 psf

**Bridge Features**

Requirements:
- 85 psf live load; L/500 deflection
- H-10 vehicle (20,000 lb)

Superstructure: Two steel girders
Beam Spacing: 10 feet
Deck to Beam Connection: Bolted to shear shusds

Special Requirements:
- Spacers at 2 inch height molded on bottom of panel so deck clears rivets on top of girders
- Skew: None
- Non-Slip Overlay: Epoxy aggregate
- Guard Rail: Attached to FRP decking
- Color: Gray