



## VEHICLE BRIDGE DECKS

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V



# RUGG BRIDGE

SANDISFIELD, MA

## OVERVIEW

Rugg bridge crosses Calm River on Route 57. The pony truss bridge was closed in late 2017 for structural repairs and replacement of the old decking steel grid with FRP.

**Owner:** MassDOT

**Installation date:** May 2018

## BRIDGE DECK DIMENSIONS

Deck Size: 123 feet by 26 feet

Deck Area: 3,162 square feet

Deck Panel Dimensions: 10 feet by 26 feet

Deck Depth: 8.25 inches

Deck Weight: 23 psf

## BRIDGE FEATURES

Requirements:

- HS-20 Vehicle plus impact loading
- L/500 Deflection

Superstructure: Steel truss with longitudinal girders

Beam Spacing: 6 feet, 2 inches

Special Requirements:

- Skew: 33°
- Overlay: Aluminum oxide aggregate
- Color: Black

