State Route 28 Shared Use Path
Lake Tahoe, Nevada

Overview
One million annual visitors use 11 miles of two-lane, mountainside road to view Lake Tahoe. Nevada DOT created a safe, shared-use path using thirty-two (32) prefabricated FRP bridges on steep hillsides that could not accommodate ground paths. The lightweight, prefabricated bridges were installed quickly at night to minimize traffic disruption on the only road access along the lake. The path was opened in June 2019.

Owner: Granite Construction
Installation Date: March 2017

Bridge Deck Dimensions
- Deck Size: 1386 feet by 11 feet
- Deck Area: 15,523 square feet
- Deck Panel Dimensions: multiple
- Deck Depth: 5 inches
- Deck Weight: 8.8 psf

Bridge Features
- Requirements:
  - 90 psf live load; L/360 deflection
  - Vehicle load HL-5
  - Superstructure: Steel Beams
  - Deck to Beam Connection: Steel Clip Connection
- Special Requirements:
  - Some deck panels are curved
  - Includes drainage scuppers
  - Cross Slope: 1%
  - Non Slip overlay: quartz aggregate
  - Color: Tan