Piedra Lisa Bridge
Albuquerque, New Mexico

Overview
After a brush fire destroyed the wood bridge and deck, a quick replacement was needed so pedestrians could cross over a multi-lane highway. Large prefabricated FRP deck panels were easily erected and greatly reduced construction time.

Owner: New Mexico DOT
Installation Date: May 2014

Bridge Deck Dimensions
- Deck Size: 459 feet by 7.83 feet
- Deck Area: 3,595 square feet
- Deck Panel Dimensions: 40 feet by 7.83 feet
- Deck Depth: 3.5 inches
- Deck Weight: 5.5 psf

Bridge Features
- Requirements:
  - 90 psf live load; L/360 deflection
- Superstructure: Exterior glulam wood beams
- Beam Spacing: 7.4 feet
- Deck to Beam Connection: Wood purlions above and below the deck edge
- Special Requirements:
  - Large, light weight panels for quick installation
  - Skew: None
  - Non-Slip Overlay: Epoxy aggregate
  - Guard Rail: steel cage attached to beams
  - Color: Beige