ACFC Bridge  
Hayward, California

**Overview**
The city of Hayward wanted a maintenance-free deck to replace the old wood planks on a steel truss bridge. The deck was sized to match the thickness of the wood and avoid any modifications to the approaches. Internal steel provided attachment points for bolting the deck.

Owner: City of Hayward  
Installation Date: October 2014

**Bridge Deck Dimensions**
- Deck Size: 98 feet by 8 feet
- Deck Area: 784 square feet
- Deck Panel Dimensions: 12 feet by 8 feet
- Deck Depth: 1.5 inches
- Deck Weight: 5 psf

**Bridge Features**

Requirements:
- 90 psf live load; L/360 deflection
- Superstructure: Steel truss with floor beams
- Beam Spacing: 2.5 feet
- Connection Type: Mechanical fasteners and clips

Special Requirements:
- Light weight panels
- Non Slip overlay: Epoxy aggregate
- Guard Rail: Steel truss bridge
- Color: Beige