



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

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

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

Special Requirements:

- Light weight panels

Non Slip overlay: Epoxy aggregate

Guard Rail: Steel truss bridge

Color: Beige

