



Rosa Parks Bridge

Springfield, Oregon

Overview

The City of Springfield wanted a bridge for a pedestrian path that lasted longer than their traditional wood bridge. Deck supports on the bridge was close enough together to use thin FRP decking. The bridge was an old railroad trestle before the renovation.

Owner: City of Springfield
 Installation Date: June 2014

Bridge Deck Dimensions

Deck Size: 75 feet by 12 feet
 Deck Area: 900 square feet
 Deck Panel Dimensions: 12 feet by 8 feet
 Deck Depth: 0.625 inches
 Deck Weight: 6.25 psf



Bridge Features

Requirements:

- 90 psf live load
- 20,000 lb vehicle

Superstructure: Wood stringers

Beam Spacing: 14 inches

Deck to Beam Connection: Mechanical fasteners

Special Requirements: Light weight panels

Guard Rail: None

Non-Slip Overlay: Epoxy aggregate

Color: Beige