



State Route 410 Bonney Lake, Washington

Overview

Deck Dimensions

As part of the overall vehicle bridge rehabilitation, a wider sidewalk was added by using lightweight FRP decking on the edge of the bridge.

Deck Size: 106 feet by 6 feet
Deck Area: 636 square feet
Deck Panel Dimensions: 10.6 feet by 6 feet
Deck Depth: 4.5 inches
Deck Weight: 8.6 psf

Owner: City of Bonney Lake
Installation Date: August 2015



Bridge Features

Requirements: 90 psf live load; L/360 deflection
Superstructure: Edge stringers
Beam Spacing: 6 feet
Deck to Beam Connection: Bonded to stringer angles

Skew: 78 degrees
Non-Slip Overlay: Epoxy aggregate
Guard Rail: Mounted to superstructure
Color: Washington Gray