



Hudson Run Road Bridge

Summit County, Ohio

Overview

Bridge Deck Dimensions

This bridge is located in an industrial area with heavy truck traffic. The bridge deck consisted of 17 prefabricated panels. The panels were installed in one day; with a second day for connection of the deck to girders; and finishing on a third day of panel-to-panel sealing.

Deck Size: 117.8 feet by 34 feet
 Deck Area: 4,005 square feet
 Deck Panel Dimensions: 8.3 feet by 34 feet
 Deck Depth: 7.7 inches
 Deck Weight: 21 psf

Owner: Summit County, Ohio
 Installation Date: October 2006



Bridge Features

Requirements:

- HS-25 Vehicle; L/400 deflection

Superstructure: Steel girders

Beam Spacing: 7 feet-2 inches

Deck to Beam Connection: Bolted to welded shear studs

Special Requirements: None

Guard Rail: Attached to steel superstructure

Non-Slip Overlay: Asphalt

Color: Gray