



# Huffman Prairie Bike Path

## Greene County, Ohio

### Overview

This truss bridge is part of an extensive bicycle trail system in Greene County, Ohio. The bridge was fully assembled with deck and fencing lifted into place. The combination of FRP deck on weathering steel truss was selected to eliminate maintenance costs for the owner.

Owner: Greene County Parks and Ohio DOT  
Installation Date: April 2007

### Bridge Deck Dimensions

Deck Size: 142 feet by 12 feet  
Deck Area: 1,704 square feet  
Deck Panel Dimensions: 35 feet by 12 feet  
Deck Depth: 2.4 inches  
Deck Weight: 4 psf

### Bridge Features

#### Requirements:

- 65 psf live load; L/500 deflection

Superstructure: Steel truss with longitudinal beams

Beam Spacing: 5 feet

Deck to Beam Connection: Mechanical fasteners and clips

#### Special Requirements:

- Match appearance of other park decks
- Deck installed prior to bridge erection

Skew: 61 degree skew at ends of bridge

Non-Slip Overlay: Epoxy aggregate

Guard Rail: Attached to steel superstructure

Color: Gray

