



Kellogg Lake

Milwaukie, Oregon

Overview

This pedestrian bridge is part of the Portland-Milwaukie Light Rail Transit Project to expand transit access and make improvements to bicycle and pedestrian facilities. A steel truss bridge was fully assembled and then slid into place underneath a vehicle bridge.

Owner: Trimet

Installation Date: July 2014

Bridge Deck Dimensions

Deck Size: 234 feet by 12.25 feet

Deck Area: 2,865 square feet

Deck Panel Dimensions: 9.75 feet by 12.25 feet

Deck Depth: 3.75 inches

Deck Weight: 5.8 psf

Bridge Features

Requirements:

- 90 psf live load; L/360 deflection
- 20,000 lb emergency vehicle

Superstructure: Steel truss with longitudinal beams

Beam Spacing: 3.5 feet

Deck to Beam Connection: Mechanical fasteners and clips

Special Requirements:

- Deck has crown and 1% slope
- Expansion joints at end panels

Skew: None

Non-Slip Overlay: Epoxy aggregate

Guard Rail: Attached to steel superstructure

Color: Gray

