



San Lorenzo Riverwalk

Santa Cruz, California

Overview

The San Lorenzo River Parkway connects neighborhoods to the Santa Cruz boardwalk and amusement park. It may use of an old wooden sidewalk attached to a railroad bridge. A wider sidewalk was needed to avoid pedestrians from unsafely walking on the active railroad tracks. The wider sidewalks allows for bicycle traffic.

Owner: City of Santa Cruz California

Installation Date: April 2019

Requirements:

- 90 psf live load; L/500 deflection

Superstructure: Steel Stringers

Beam Spacing: 6 feet

Deck to Beam Connection: stainless steel connection clips

Bridge Deck Dimensions

Deck Size: 342 feet by 10 feet

Deck Area: 3420 square feet

Deck Panel Dimensions: 20 feet by 10 feet

Deck Depth: 4 inches to 5 inches

Deck Weight: 7 psf

Bridge Features

Special Requirements:

- Customized curved panels at end of sidewalk
- Guard Rail: Attached to integral curbs

Non Slip overlay: Quartz Aggregate

Cross Slope: 1%

Color: Light Rose

