



Anacostia River Walk Trails (West)

Washington D.C.

Overview

Two pedestrian bridges were constructed along the Anacostia River. The deck panels on the bridge have FRP curbs on both edges of the panels. The deck will minimize the maintenance costs for the National Park Service.

Owner: District DOT

Installation Date: December 2011

Bridge Deck Dimensions

Deck Size: 685 feet by 16.25 feet

Deck Area: 11,130 square feet

Deck Panel Dimensions: 8.3 feet by 16.25 feet

Deck Depth: 3.6 inches

Deck Weight: 9 psf

Bridge Features

Requirements:

- 85 psf live load; L/500 deflection

Superstructure: Steel beams with center truss section

Beam Spacing: 9 feet

Deck to Beam Connection: Mechanical fasteners and clips

Special Requirements:

- S-shaped bridge
- Some deck panels are curved

Skew: None

Non-Slip Overlay: Epoxy aggregate

Guard Rail: Attached to deck

Color: Beige

