



SARAH MILDRED LONG BRIDGE

PORTSMOUTH, NH

OVERVIEW

Fairings are used to limit the effects of wind on bridges by making them more aerodynamic and less susceptible to severe weather. The Sarah Long lift span bridge needed light weight, durable fairings to protect the bridge while limiting weight.

Owner: ME-NH Interstate Bridge Authority

Installation date: Date

FAIRING DIMENSIONS

Length	2 sides @ 300 ft
Panel size	14 ft by 6.7 ft L shaped panel, 12 ft long
Thickness	3 in
Weight	125 lb/linear ft

BRIDGE FAIRING FEATURES

Requirements: 55 psf live load

Connection: Bolted to exterior girder

Coating: Polyurethane

Color: Gray

Special Requirements:

- Internal maintenance walkway
- Access doors

