



PROJECT PROFILE

Point Bonita Lighthouse Bridge

HAER Documentation | Marin County, CA



CLIENT

National Park Service (NPS)

BACKGROUND

The Point Bonita Lighthouse and Fog Signal buildings are critical to marine navigation through the hazards of the Golden Gate. They are located on a steep rocky promontory overlooking the Pacific Ocean and the entrance to the San Francisco Bay.

A suspension bridge was constructed in 1954 after a series of landslides caused a 150-foot section of the original land bridge to slough away, isolating the lighthouse and fog signal from the mainland. The suspension bridge provides the only access to these facilities.

The site of the Point Bonita Lighthouse is continually buffeted by strong winds and salty ocean fog. In 2006, the severe exposure necessitated major rehabilitation of the bridge's timber framing and steel suspension cables, and in 2010, the NPS decided to replace the bridge with a more durable structure. As a contributing element to the Point Bonita Historic District and the lighthouse, which is on the National Register of Historic Places, the NPS required documentation of the bridge under Section 106 of the NHPA prior to dismantling the bridge.

SOLUTION

WJE prepared a Historic American Engineering Report (HAER) for the suspension bridge. WJE provided all materials, supplies, supervision, coordination, and management necessary to complete the HAER documentation as well as large format photography historical research and preparation of a written narrative. Using NPS guidelines, the HAER documentation was assembled to archival standards suitable for submission to the Library of Congress.

