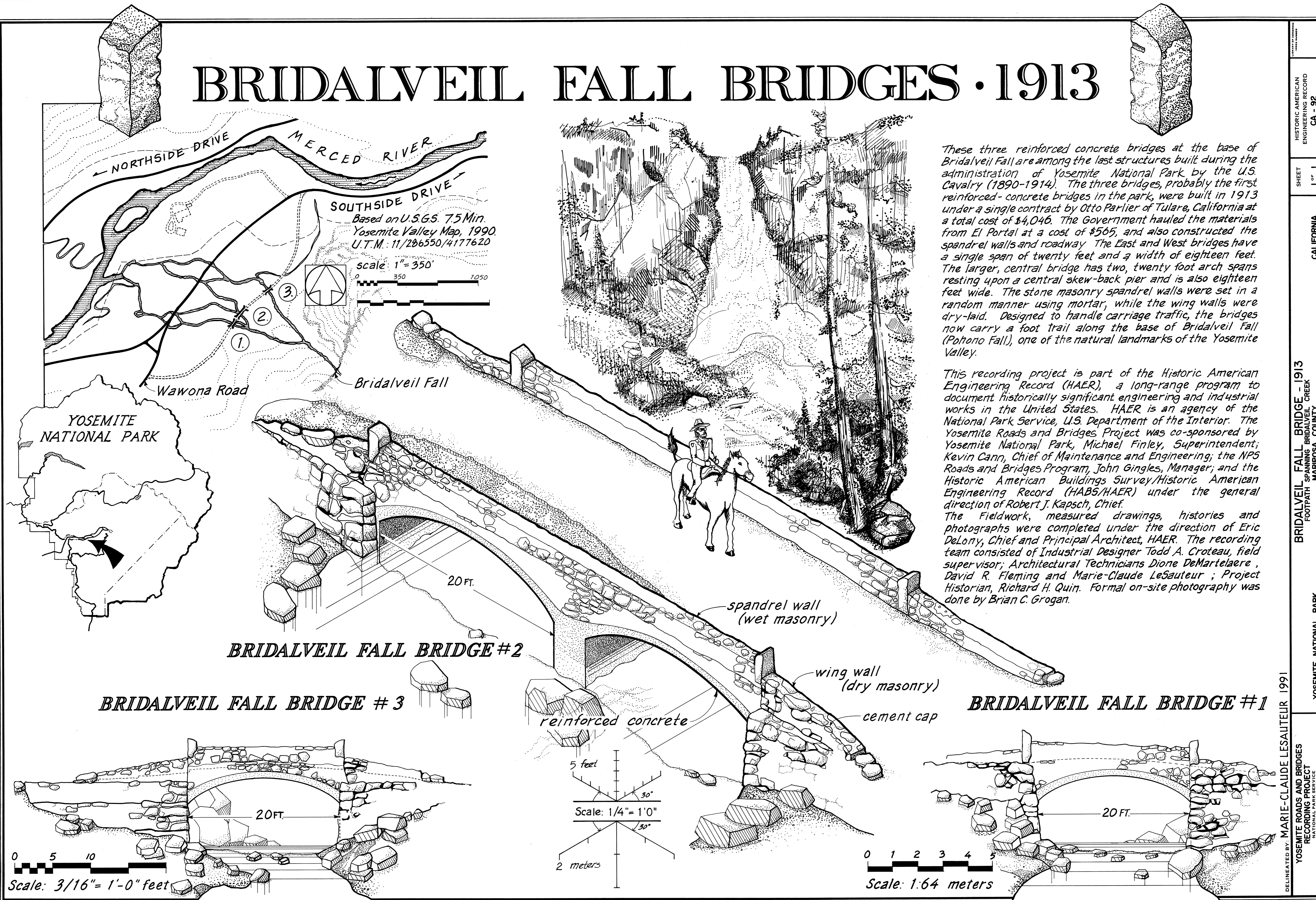


BRIDALVEIL FALL BRIDGES · 1913



These three reinforced concrete bridges at the base of Bridalveil Fall are among the last structures built during the administration of Yosemite National Park by the U.S. Cavalry (1890-1914). The three bridges, probably the first reinforced-concrete bridges in the park, were built in 1913 under a single contract by Otto Parlier of Tulare, California at a total cost of \$4,046. The Government hauled the materials from El Portal at a cost of \$565, and also constructed the spandrel walls and roadway. The East and West bridges have a single span of twenty feet and a width of eighteen feet. The larger, central bridge has two, twenty foot arch spans resting upon a central skew-back pier and is also eighteen feet wide. The stone masonry spandrel walls were set in a random manner using mortar, while the wing walls were dry-laid. Designed to handle carriage traffic, the bridges now carry a foot trail along the base of Bridalveil Fall (Pohono Fall), one of the natural landmarks of the Yosemite Valley.

This recording project is part of the Historic American Engineering Record (HAER), a long-range program to document historically significant engineering and industrial works in the United States. HAER is an agency of the National Park Service, U.S. Department of the Interior. The Yosemite Roads and Bridges Project was co-sponsored by Yosemite National Park, Michael Finley, Superintendent; Kevin Cann, Chief of Maintenance and Engineering; the NPS Roads and Bridges Program, John Gingles, Manager; and the Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) under the general direction of Robert J. Kapsch, Chief. The fieldwork, measured drawings, histories and photographs were completed under the direction of Eric DeLony, Chief and Principal Architect, HAER. The recording team consisted of Industrial Designer Todd A. Croteau, field supervisor; Architectural Technicians Dione DeMartelaere, David R. Fleming and Marie-Claude LeSautour; Project Historian, Richard H. Quin. Formal on-site photography was done by Brian C. Grogan.

HISTORIC AMERICAN ENGINEERING RECORD
 SHEET 1 of 1
 CALIFORNIA
 BRIDALVEIL FALL BRIDGE - 1913
 SPANNING BRIDALVEIL CREEK
 FOOTPATH MARIPOSA COUNTY
 YOSEMITE NATIONAL PARK
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