

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

WAIMALU BRIDGE
(Waimalu Stream Eastbound Bridge & Waimalu Stream Westbound
Bridge)
Kamehameha Highway and Waimalu Stream
Pearl City
Honolulu County
Hawaii

HAER No. HI-115

David Franzen, Photographer

May 2012

- HI-115-1 OVERVIEW OF WAIMALU BRIDGES, WITH WESTBOUND BRIDGE ON RIGHT. VIEW FACING WEST.
- HI-115-2 OVERVIEW SHOWING THE MEDIAN BETWEEN EASTBOUND BRIDGE (ON THE LEFT) AND WESTBOUND BRIDGE (ON THE RIGHT). VIEW FACING WEST-NORTHWEST.
- HI-115-3 OVERVIEW WITH EASTBOUND BRIDGE ON LEFT. VIEW FACING NORTHWEST.
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- HI-115-6 DETAIL SHOWING THE MEDIAN AND THE SPACE BETWEEN THE WESTBOUND BRIDGE'S 1945 PARAPET (LEFT) AND THE EASTBOUND BRIDGE'S 1936 PARAPET (RIGHT). VIEW FACING EAST-SOUTHEAST.
- HI-115-7 DETAIL OF WESTBOUND BRIDGE'S 1945 PARAPET, WITH SCALE DEVICE [ONE-FOOT INCREMENTS]. VIEW FACING SOUTH-SOUTHWEST.
- HI-115-8 DETAIL OF EASTBOUND BRIDGE'S 1936 PARAPET, WITH SCALE DEVICE [ONE-FOOT INCREMENTS]. VIEW FACING NORTH-NORTHEAST.
- HI-115-9 VIEW OF UNDERSIDE, SHOWING THE EASTBOUND BRIDGE ON THE LEFT. THE STRUCTURAL COMPONENTS OF THIS BRIDGE INCLUDE THE INVERTED-U SHAPE OF THE 1936 FRAME (CENTER), PLUS THE THREE PILES WITH END CAP OF THE 1966 ADDITION (LEFT). A PORTION OF THE 1945 FOUNDATIONS FOR THE WESTBOUND BRIDGE, WHICH CONSISTS OF PAIRED PILES CAPPED BY A HORIZONTAL CONCRETE BEAM, IS ALSO SHOWN (RIGHT). VIEW FACING WEST-NORTHWEST.

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- HI-115-10 "WAIMALU BRIDGE" DRAWING DATED JUNE 1945, SHOWING LONGITUDINAL SECTION OF WESTBOUND BRIDGE PLUS LAYOUT PLAN OF BOTH WESTBOUND AND EASTBOUND BRIDGES. *State of Hawaii, Department of Transportation, Highways Division, Design Branch, Project No. DA-WR 10 (3), drawing 5157.12.*
- HI-115-11 HISTORIC PHOTOGRAPH TAKEN CA. 1937, SHOWING KAMEHAMEHA HIGHWAY NEAR PEARL CITY. *Superintendent of Public Works, Report to the Governor, Territory of Hawaii for the Year Ending June 30, 1937, between pages 28 & 29.*

PHOTO KEY

