

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

WAIKELE CANAL BRIDGE AND HIGHWAY OVERPASS
(Waikele Stream Bridge and OR&L Bridge)
Farrington Highway and Waikele Stream
Waipahu
Honolulu County
Hawaii

HAER No. HI-100

David Franzen, Photographer

May 2012

- HI-100-1 OVERVIEW OF BRIDGES WITH OR&L BRIDGE IN CENTER, WAIKELE CANAL BRIDGE IN BACKGROUND. SHOWING THE EARTHEN INCLINE THAT RAISES FARRINGTON HIGHWAY OVER THE FORMER OR&L TRACKS. VIEW FACING SOUTHWEST.
- HI-100-2 OVERVIEW SHOWING APPROACH TO OR&L BRIDGE UP THE EARTHEN INCLINE OF FARRINGTON HIGHWAY. VIEW FACING WEST.
- HI-100-3 OVERVIEW OF WAIKELE CANAL BRIDGE SHOWING THE CONCRETE LINED CANAL CHANNEL. NOTE THE 1966 WESTBOUND BRIDGE IN THE BACKGROUND (BELOW WAIKELE CANAL BRIDGE). VIEW FACING NORTHWEST.
- HI-100-4 OVERVIEW SHOWING APPROACH TO THE WAIKELE CANAL BRIDGE. VIEW FACING NORTHEAST.
- HI-100-5 OVERVIEW OF BRIDGES WITH WAIKELE CANAL BRIDGE IN CENTER, OR&L BRIDGE IN BACKGROUND. SHOWING THE EARTHEN INCLINE THAT RAISES FARRINGTON HIGHWAY OVER THE FORMER OR&L TRACKS. NOTE THE 1963 WESTBOUND BRIDGE IN THE FOREGROUND. VIEW FACING EAST.
- HI-100-6 OVERVIEW OF WAIKELE CANAL BRIDGE WITH 1963 WESTBOUND BRIDGE IN THE FOREGROUND. VIEW FACING SOUTH.
- HI-100-7 OBLIQUE VIEW SHOWING THE OR&L BRIDGE IN THE FOREGROUND. NOTE THE ARC-PLAN END STATION AND THE RELATIONSHIP BETWEEN THE OR&L BRIDGE AND THE WAIKELE CANAL BRIDGE, WHICH CAN BE SEEN IN THE BACKGROUND. VIEW FACING WEST.
- HI-100-8 OBLIQUE VIEW SHOWING THE WAIKELE CANAL BRIDGE. VIEW FACING WEST.
- HI-100-9 VIEW OF OUTBOARD SIDE OF DOWNSTREAM PARAPET. NOTE THE SUPPORTING PIERS AND (IN BACKGROUND) 1963 WESTBOUND BRIDGE. VIEW FACING WEST.

WAIKELE CANAL BRIDGE AND HIGHWAY OVERPASS
(Waikele Stream Bridge and OR&L Bridge)
HAER No. HI-100
Index to Photographs (Page 2)

- HI-100-10 VIEW OF OUTBOARD SIDE OF UPSTREAM PARAPET AND SUPPORTING PIERS. NOTE THE CONCRETE LINED CHANNEL AND CONCRETE BRIDGE ABUTMENT. VIEW FACING SOUTHEAST.
- HI-100-11 DETAIL ELEVATION OF UPSTREAM PARAPET. NOTE THE CLOSED SPANDRELS WHERE THE BEAM BEARINGS CONTACT THE SLENDER CONCRETE PIERS. VIEW FACING SOUTH.
- HI-100-12 DETAIL ELEVATION OF A TYPICAL END STATION AND PARAPET WITH SCALE DEVICE [ONE-FOOT INCREMENTS]. VIEW FACING SOUTH SOUTHEAST.
- HI-100-13 OBLIQUE VIEW OF OR&L BRIDGE. VIEW FACING SOUTHEAST.
- HI-100-14 OBLIQUE VIEW OF OR&L BRIDGE. VIEW FACING NORTHWEST.
- HI-100-15 DETAIL OF ORIGINAL PHOSPHOR BRONZE PLATE PLACED OVER A BULLSEYE REFLECTOR THAT WAS AIMED AT ONCOMING TRAFFIC. THE TOP OF A CIRCULAR VOID CAN BE SEEN BELOW THE PLATE WHERE THE REFLECTOR WAS REMOVED. VIEW FACING SOUTHWEST.
- HI-100-16 FROM "CANAL BRIDGE, F.A.P. 4-C, MAR. 1938." SHOWING WAIKELE BRIDGE PLAN AND ELEVATION. Hawaii Department of Transportation, Design Branch, Project ID 7101-001, drawing 4449.27.
- HI-100-17 FROM UNTITLED DRAWING "F.A.G.H. 4-C, REVISED JUNE 19, 1939." SHOWING PROFILE OF ROADWAY INCLINE AND OR&L AND WAIKELE BRIDGES. Hawaii Department of Transportation, Design Branch, Project ID 7101-001, drawing 4449.8.
- HI-100-18 HISTORIC PHOTOGRAPH SHOWING DREDGING OF THE FLOOD CONTROL CANAL. Report to the Governor, Territory of Hawaii, by the Superintendent of Public Works, Year ending June 30, 1938.
- HI-100-19 HISTORIC PHOTOGRAPH SHOWING THE WAIKELE BRIDGE. Report to the Governor, Territory of Hawaii, by the Superintendent of Public Works, Year ending June 30, 1940.
- HI-100-20 HISTORIC PHOTOGRAPH SHOWING THE OR&L BRIDGE UNDER CONSTRUCTION. Report to the Governor, Territory of Hawaii, by the Superintendent of Public Works, Year ending June 30, 1938.

WAIKELE CANAL BRIDGE AND HIGHWAY OVERPASS
(Waikele Stream Bridge and OR&L Bridge)
HAER No. HI-100
Index to Photographs (Page 3)

PHOTO KEY

