

HONOLULU HIGH CAPACITY TRANSIT CORRIDOR PROJECT
SURVEYED PROPERTY CONSIDERED ELIGIBLE FOR NATIONAL REGISTER

TMK: **None**

Historic Status: **Evaluated Eligible**

Portion of Alignment: **Airport portion**

Resource Name/Historic Name: **Kamehameha Hwy Bridge over Halawa Stream (mauka span)**

Sector: **35 Richardson Recreation
Center Sector**

Location: **Kamehameha Hwy at Halawa Stream (mauka span)**

Owner: **State of Hawaii**

Station Block: **Arizona Memorial Station
(if Salt Lake AND Airport
portions built)**

Date-Original: **1945**

Source: **Inscription on bridge**

Present Use/Historic Use: **Bridge**

Architectural Description:

This concrete deck girder bridge has six spans with a combined length of about 200'. Five bents of square concrete piles, each bent topped by a large concrete beam for a pile cap, carry the spans across the Halawa Stream. The concrete parapets of the bridge are pierced to form balustrades with vertically oriented openings in the form of a thick cross (commonly referred to as a "Greek-cross void"), which was a standardized pattern of Territorial Highway Department bridges. The end stanchions are large rectangular blocks of concrete with a stepped pattern at the edge of each surface.

Integrity:

Parapets and stanchions of the mauka sections of the bridge are unaltered. Setting changed by construction of new bridge.

Significance:

This bridge is significant under Criterion "A" for its association with the WWII roadway infrastructure improvements of Kamehameha Highway in the Pearl Harbor Naval Base area. Kamehameha Highway has been a major transportation route for the Pearl Harbor Naval Base since the early decades of the 20th century. The bridge constructed over this important crossing at Halawa Stream has been integral to its role as an effective transportation route for both civilian and military traffic served by the highway. The bridge is associated with a crucial public works improvement project undertaken by the Territorial government during WWII. This bridge is a good example of a concrete deck girder bridge of the mid 1940s. The design of its balustrade is representative of this period of bridge building.

