

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

TMK: **None**

Historic Status: **Evaluated Eligible**

Portion of Alignment: **Ewa portion**

Resource Name/Historic Name: **Waimalu Stream Bridge**

Sector: **13 Pearlridge Station Sector**

Location: **Kamehameha Hwy at Waimalu Stream (near Ka'ahumanu St)**

Owner: **State of Hawaii - DOT**

Station Block:

Date-Original: **1936, 1945, 1966**

Source: **Inscriptions**

Present Use/Historic Use: **Bridge**

Architectural Description:

The two center parapets of the bridge are identical -- concrete balustrades pierced by vertically oriented openings in the form of a thick cross (commonly referred to as a "Greek-cross void"). This was a standardized pattern for Territorial Highway Department bridges of that period. End stanchions (1936 & 1945) are also quite similar, massive rectangular blocks of concrete with a stepped pattern along their edges. However, the stanchions marked "1936" (makai) are longer and curved outward slightly, away from the traffic lanes. The two outer parapets (1966) are each formed of a high concrete curb (approximately 18") with an incised horizontal line. On top of the curbs are metal brackets supporting two tubular metal rails. Stanchions at the ends of the 1966 sections are rectangular blocks of concrete with two incised horizontal lines.

Integrity:

Parapets and stanchions of all sections of the bridge are unaltered except for the addition of guardrails (W-beams and Thrie-beams) at some end stanchions.

Significance:

Criterion "A" - associated with the roadway infrastructure of Kamehameha Hwy in the Pearl City/Aiea area. Kamehameha Hwy has been a major transportation route through the Pearl City/Aiea area since the early decades of the 20th century. The bridges constructed over this crossing at Waimalu Stream have been significantly integral to its development as an effective transportation route and have contributed meaningfully to development of this geographic area. They also have facilitated major passage through the area to points east and west that are served by the highway and are representative of important public works projects initiated by the Territorial and State governments.

