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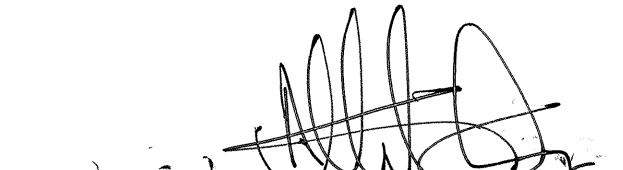
JUNE 1999
DATE

692-7679
PHONE

KARL KUNISHIGE
P.S. & E. BY

AKINAKA & ASSOCIATES, LTD.
DESIGNED BY

CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. FOR ACTUAL QUANTITIES, REFER TO PROJECT LEDGER AND/OR COMPUTATION BOOK.


RESIDENT ENGINEER
10/6/03
DATE

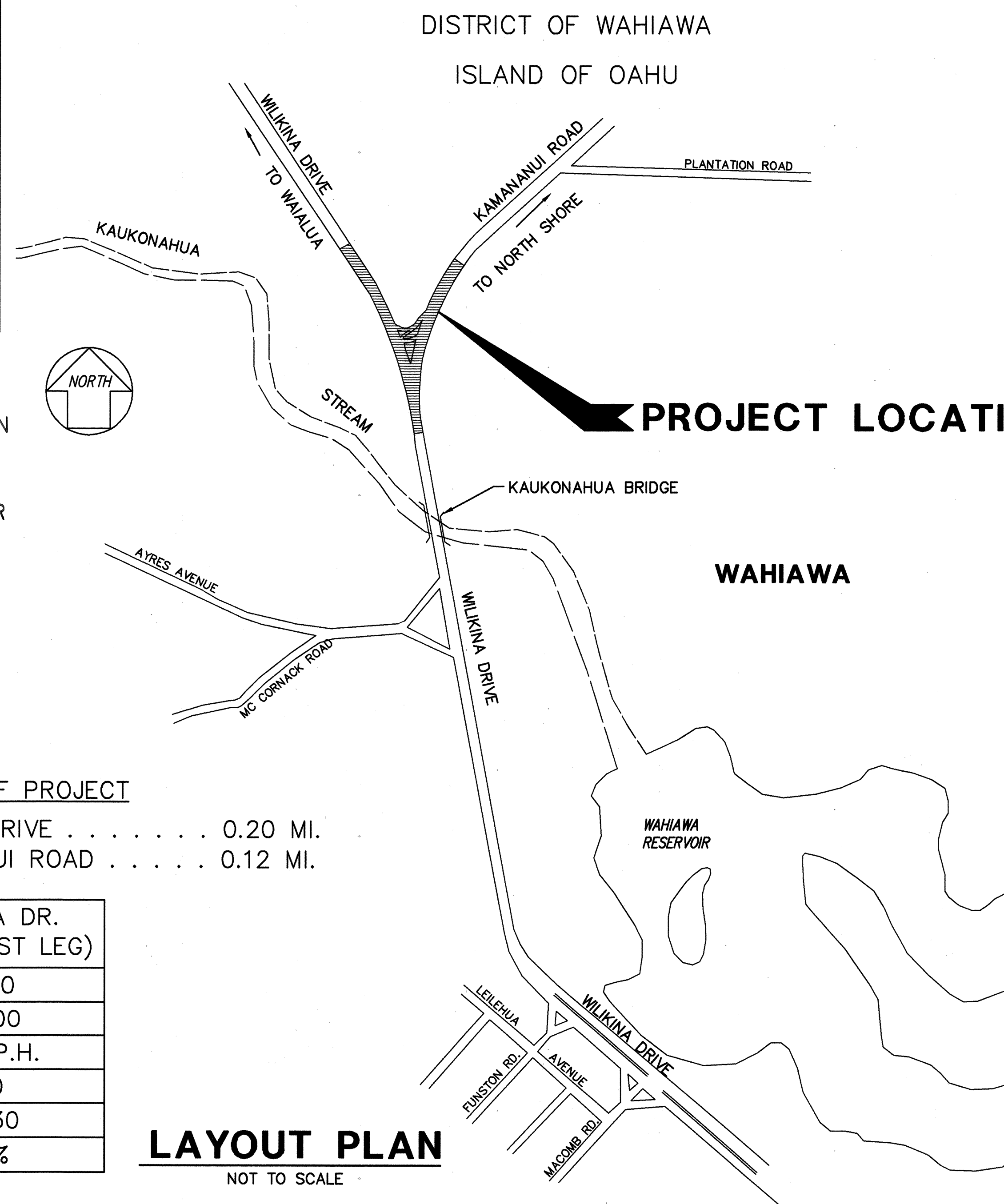
DESIGN DESIGNATION

	KAMANANUI ROAD	WILIKINA DR. (SOUTHEAST LEG)	WILIKINA DR. (NORTHWEST LEG)
ADT (1996)	11,500	18,900	7,500
ADT (2015)	19,400	27,700	10,300
V	35 M.P.H.	35 M.P.H.	35 M.P.H.
DHV	1,750	2,350	950
D	65/35	60/40	70/30
T	7.5%	4.0%	3.0%

LENGTH OF PROJECT

WILIKINA DRIVE 0.20 MI.
KAMANANUI ROAD 0.12 MI.

LAYOUT PLAN
NOT TO SCALE



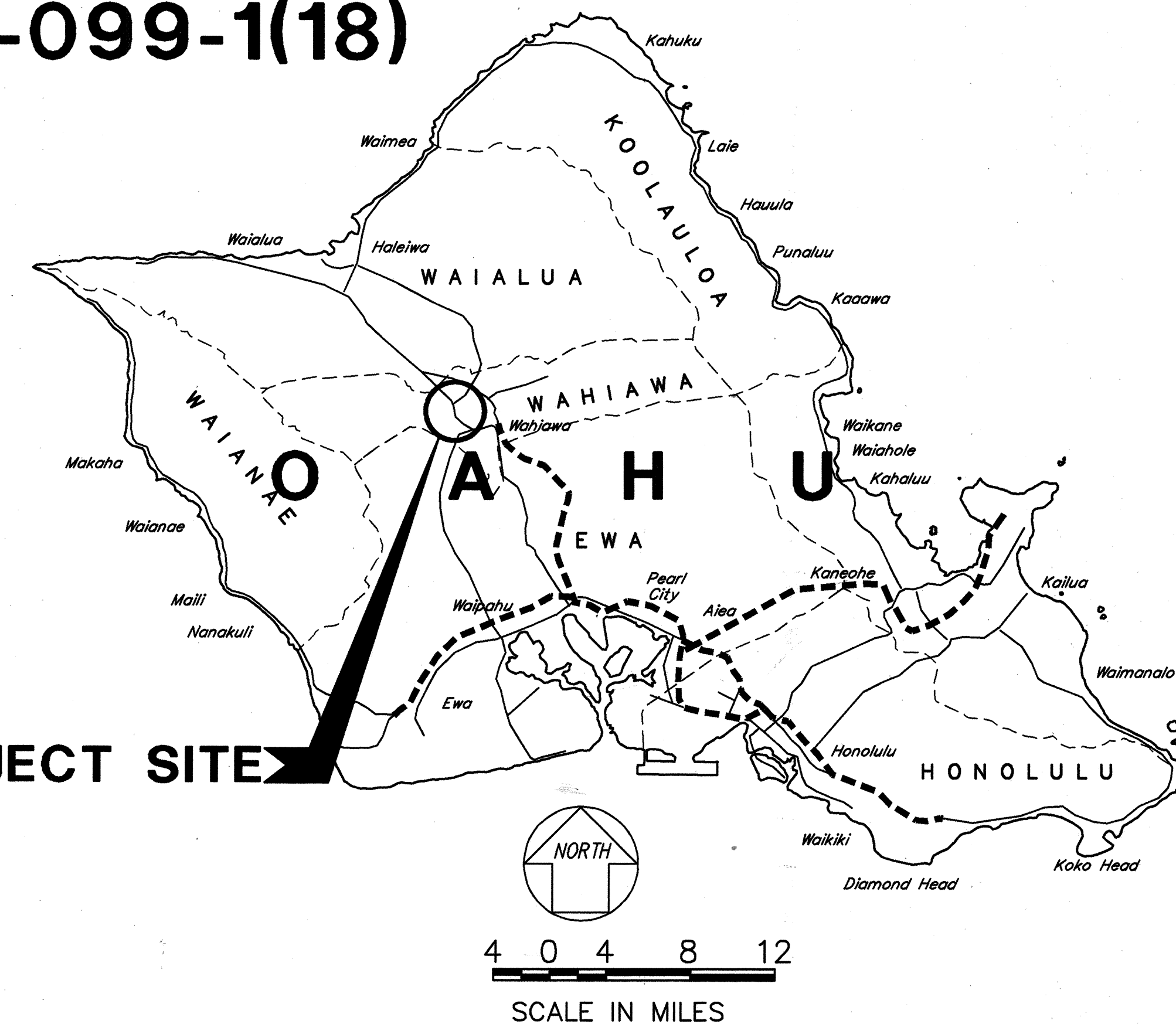
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
"AS-BUILT"
PLANS FOR

WILIKINA DRIVE
INTERSECTION IMPROVEMENTS AT KAMANANUI ROAD
FEDERAL AID PROJECT NO. STP-099-1(18)

DISTRICT OF WAHIAWA
ISLAND OF OAHU

PROJECT LOCATION

PROJECT SITE

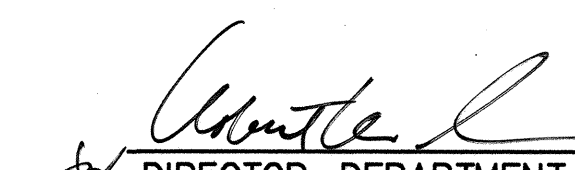


----- FEDERAL AID INTERSTATE PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

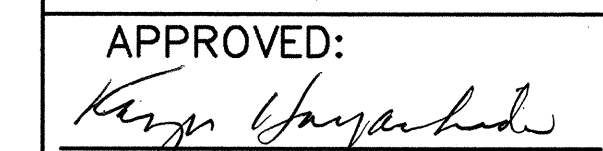
MILE POST 7.62 TO MILE POST 7.79
(KAMANANUI ROAD)

MILE POST 7.59 TO MILE POST 7.79
(WILIKINA DRIVE)

APPROVED:


DIRECTOR, DEPARTMENT OF PLANNING AND PERMITTING
CITY & COUNTY OF HONOLULU
(FOR GRADING WORK AND CONSTRUCTION WITHIN CITY R/W ONLY)

7/8/99
DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:

DIR. OF TRANSPORTATION
7/21/99
DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-099-1(18)	1999	1	71

