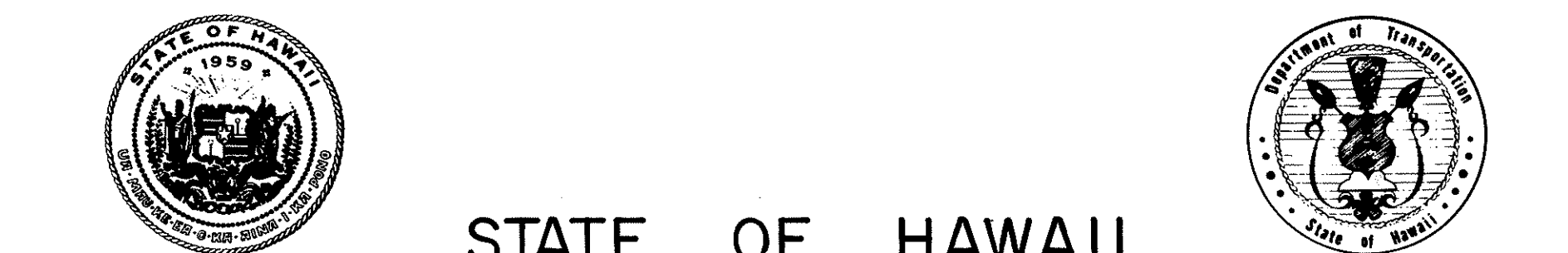


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTIONS, DETAILS
3, 4	PLAN AND PROFILE
5-7 ①	MISCELLANEOUS ROADWAY DETAILS
8-10	WATERLINE DETAILS
11-24	VILLAGE & MAKAI DETOUR RD. DETAILS
25-33	TRAFFIC SIGNS, STRIPING, & SUMMARIES
34	EROSION CONTROL PLAN
35-59	STANDARD DETAILS
60-105 ②	KALAPAHAPUU STREAM AND KAINEHE STREAM BRIDGE PLANS
106-113	EXISTING KAINEHE (KALAPAHAPUU STREAM) & KAHOLALELE (KAINEHE STREAM) BRIDGE PLANS
114-126 ③	CROSS SECTIONS

① 5A ② 82A ③ 120A, 121A, 122A, 124A, 125A, 125B, 125C, ARE SUPPLEMENT SHEETS TO THE CONTRACT PLANS.
NEW TOTAL = 135 SHEETS

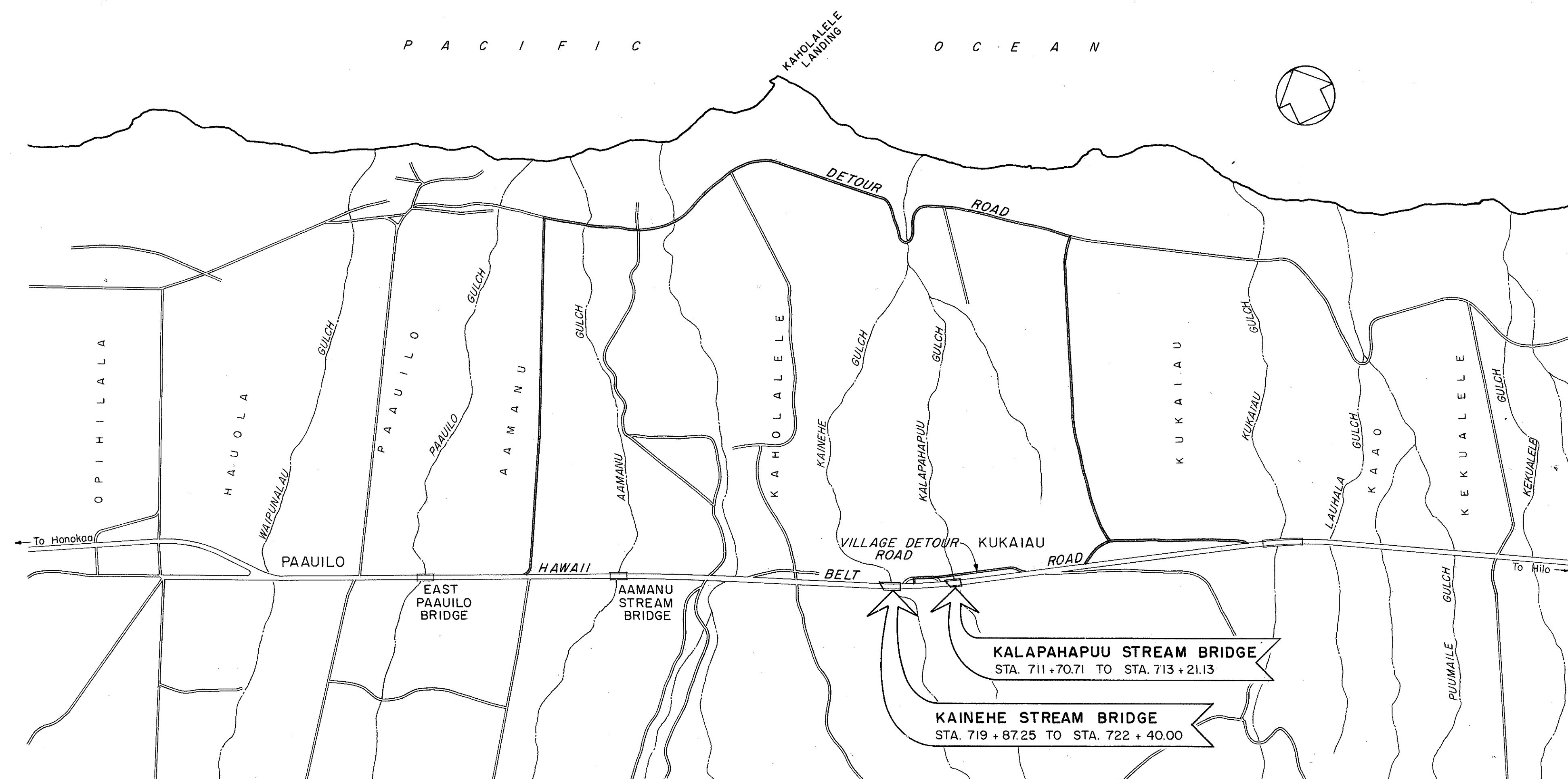


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
"AS BUILT"
PLANS FOR
CONSTRUCTION OF

HAWAII BELT ROAD
KALAPAHAPUU STREAM & KAINEHE STREAM
BRIDGE REPLACEMENTS

FED. AID PROJ. NO. BRF-019-2(20)

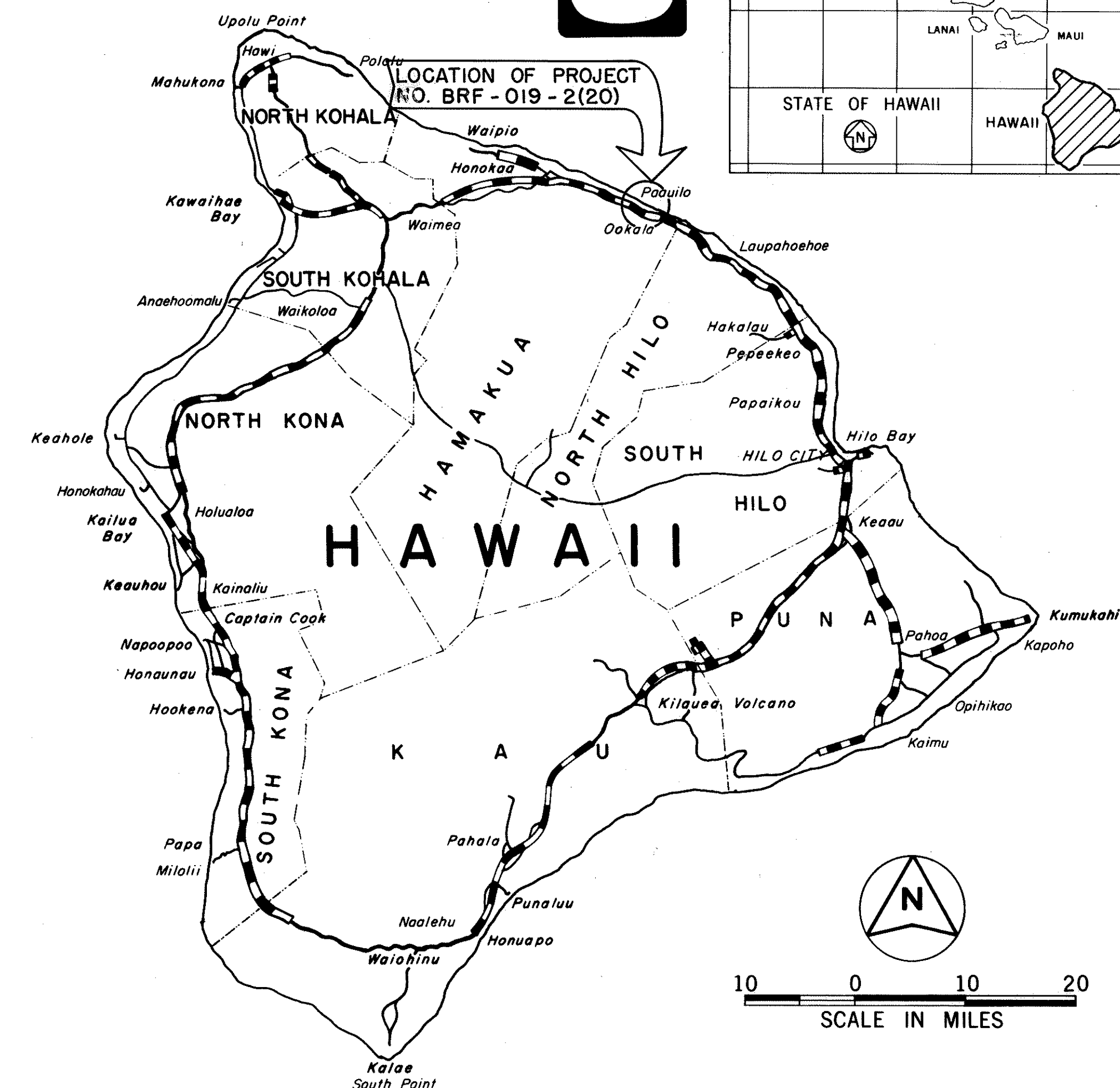
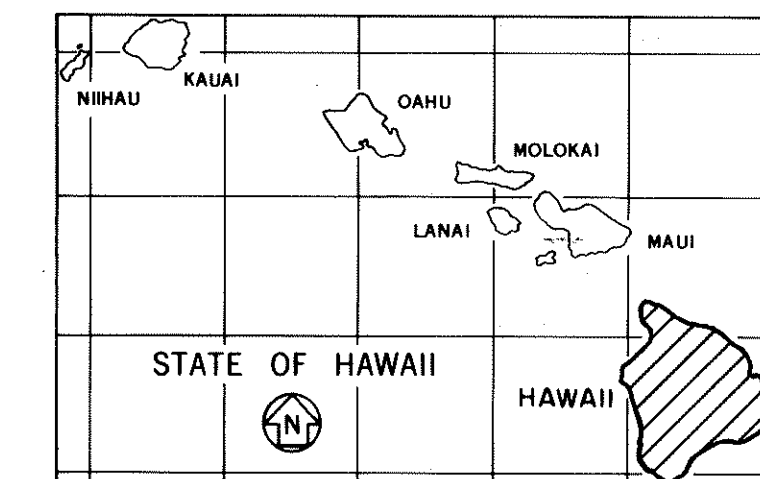
DISTRICT OF HAMAKUA
ISLAND OF HAWAII



GENERAL LAYOUT PLAN
SCALE IN THOUSAND FEET

LENGTH OF KALAPAHAPUU STREAM BRIDGE.....0.026 Mi.
LENGTH OF KAINEHE STREAM BRIDGE.....0.048 Mi.
TOTAL: 0.074 Mi.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BRF-019-2(20)	1984	1	126



— FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

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
RESIDENT ENGINEER
Feb. 10, 1986
DATE

DESIGN CLASSIFICATION

CURRENT ADT (1983)	4,600
DESIGN ADT (2003)	6,000
DHV	570
D	50/50
T	8.0%
T ₂₄	9.5%

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED:	
<i>Division Administrator</i>	9/23/83 DATE

DEPARTMENT OF TRANSPORTATION STATE OF HAWAII	
APPROVED:	
<i>Dir. of Transportation</i>	9/21/83 DATE

HAWAII DISTRICT
DESIGNED BY
A. TAMAGUCHI
P. S. & E. BY
548-4125
PHONE
SEPT. 1983
DATE