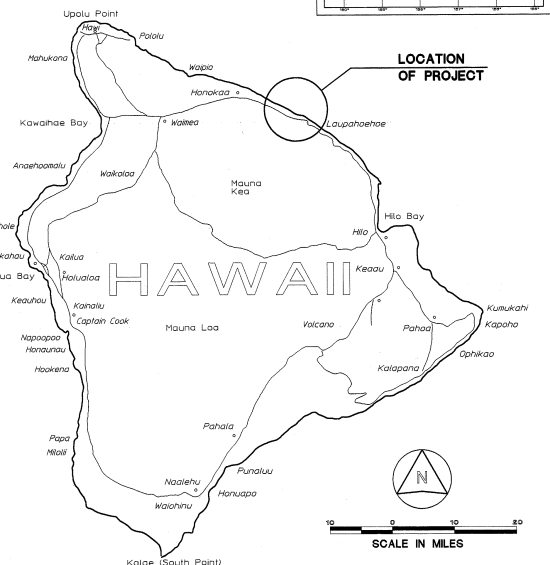
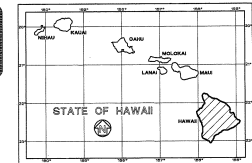


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLANS SUMMARY
3	LIST OF ABBREVIATIONS AND SYMBOLS
4	TRAFFIC CONTROL PLAN
	KAULA BRIDGE
5	PLAN & LOGITUDINAL SECTION & RETROFIT SCHEDULE
6	ABUTMENT 1 RETROFIT
7	ABUTMENT 2 RETROFIT
8	RETROFIT DETAILS
9	ACCESS HATCH DETAILS
	KAALA BRIDGE
10	PLAN & LOGITUDINAL SECTION & RETROFIT SCHEDULE
11	ABUTMENT 1 RETROFIT
12	ABUTMENT 2 RETROFIT
13	RETROFIT DETAILS
	KUKAIAU BRIDGE
14	PLAN & LONGITUDINAL SECTION
15	FRAMING PLAN
16-17	RETROFIT DETAILS
	OOKALA PLANTATION OVERPASS
18	FRAMING PLAN & LONGITUDINAL SECTION
19 - 20	RETROFIT DETAILS

SHEET NOS. 16 C.O. 15S-1 AND 16S-1 ARE SUPPLEMENTAL TO THIS PROJECT TOTAL SHEET COUNT AFTER "AS BUILT" POSTING IS 22 SHEETS.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
"AS-BUILT"
PLANS FOR
**HAWAII BELT ROAD,
SEISMIC RETROFIT
OF VARIOUS BRIDGES,
VICINITY OF OOKALA**
FEDERAL AID PROJECT NO. BR-019-2(45)
DISTRICT OF NORTH HILO
ISLAND OF HAWAII

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(45)	1999	1	20

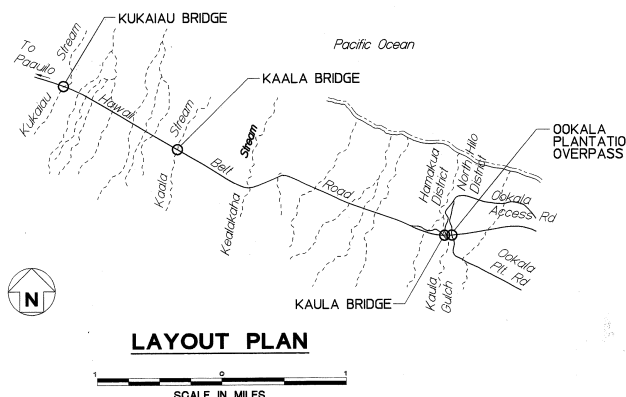


OOKALA BRIDGE	MILE POST 30.03	TO	MILE POST 30.03
KAALA BRIDGE	MILE POST 30.07	TO	MILE POST 30.14
KAALA BRIDGE	MILE POST 32.60	TO	MILE POST 32.64
KUKAIAU BRIDGE	MILE POST 33.62	TO	MILE POST 33.69

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.

[Signature] 10/18/97
RESIDENT ENGINEER DATE

DEPARTMENT OF TRANSPORTATION STATE OF HAWAII	
APPROVED:	10/28/98
<i>[Signature]</i>	DATE
DIR. OF TRANSPORTATION	



LAYOUT PLAN

SCALE IN MILES

DESIGNED BY: Sato & Associates, Inc. Emilio Barragan, Jr. 587-2123 Aug 1998
P.S. & E. BY: DATE

DESIGNED BY	DATE
TRAFFIC CONTROL	
NOTES BOOK	
CHECKED BY	