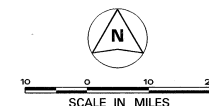
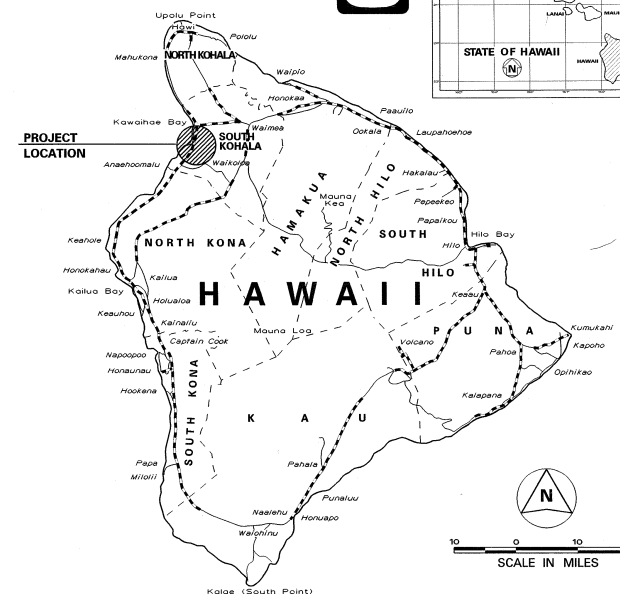
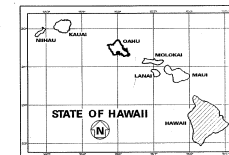


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLAN SUMMARY
3	GENERAL NOTES AND LEGEND
4 - 5	NPDES NOTES
6	ROADWAY PLAN
7	DRAINAGE PLAN
8	DRAINAGE PROFILES
9 - 12	DRAINAGE DETAILS
13 - 18	GUARDRAIL DETAIL & NOTES

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
AS-BUILT
PLANS FOR
QUEEN KAAHUMANU HIGHWAY
DRAINAGE IMPROVEMENTS
VICINITY OF MAUNA KEA BEACH HOTEL
FEDERAL-AID PROJECT NO. STP-019-1(27)
DISTRICT OF SOUTH KOHALA
ISLAND OF HAWAII

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-019-1(27)	2002	1	18



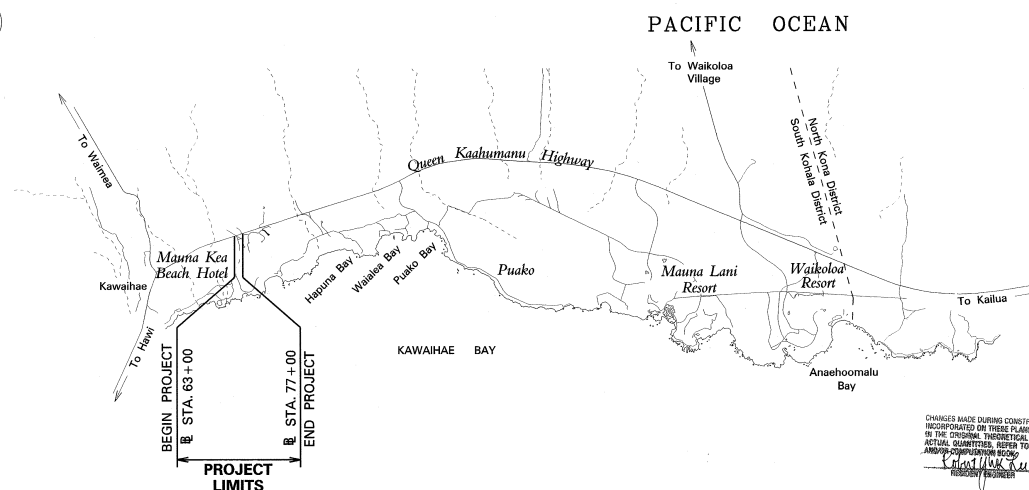
----- FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

MILE POST 68.13 TO MILE POST 68.30

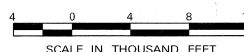
DESIGN DESIGNATION

ADT (2000)..... 9,660
ADT (2010)..... 11,590
DHV 1,040
D 60/40
T 4.0 %
V 60 M.P.H.

CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. FOR ACTUAL QUANTITIES, REFER TO PROJECT LESSON AND/OR CONSTRUCTION BOOK.
Kana 1/14/02 7/5/07
REVISION 1000000000



LAYOUT PLAN



DESIGNED BY
ROSS HIRONAKA
P.S. & E.B.Y.
JULY, 2001
DATE
PHONE
692-7575

DEPARTMENT OF TRANSPORTATION STATE OF HAWAII	
APPROVED:	DATE
<i>[Signature]</i> DIR. OF TRANSPORTATION	8-10-01

AS-BUILT