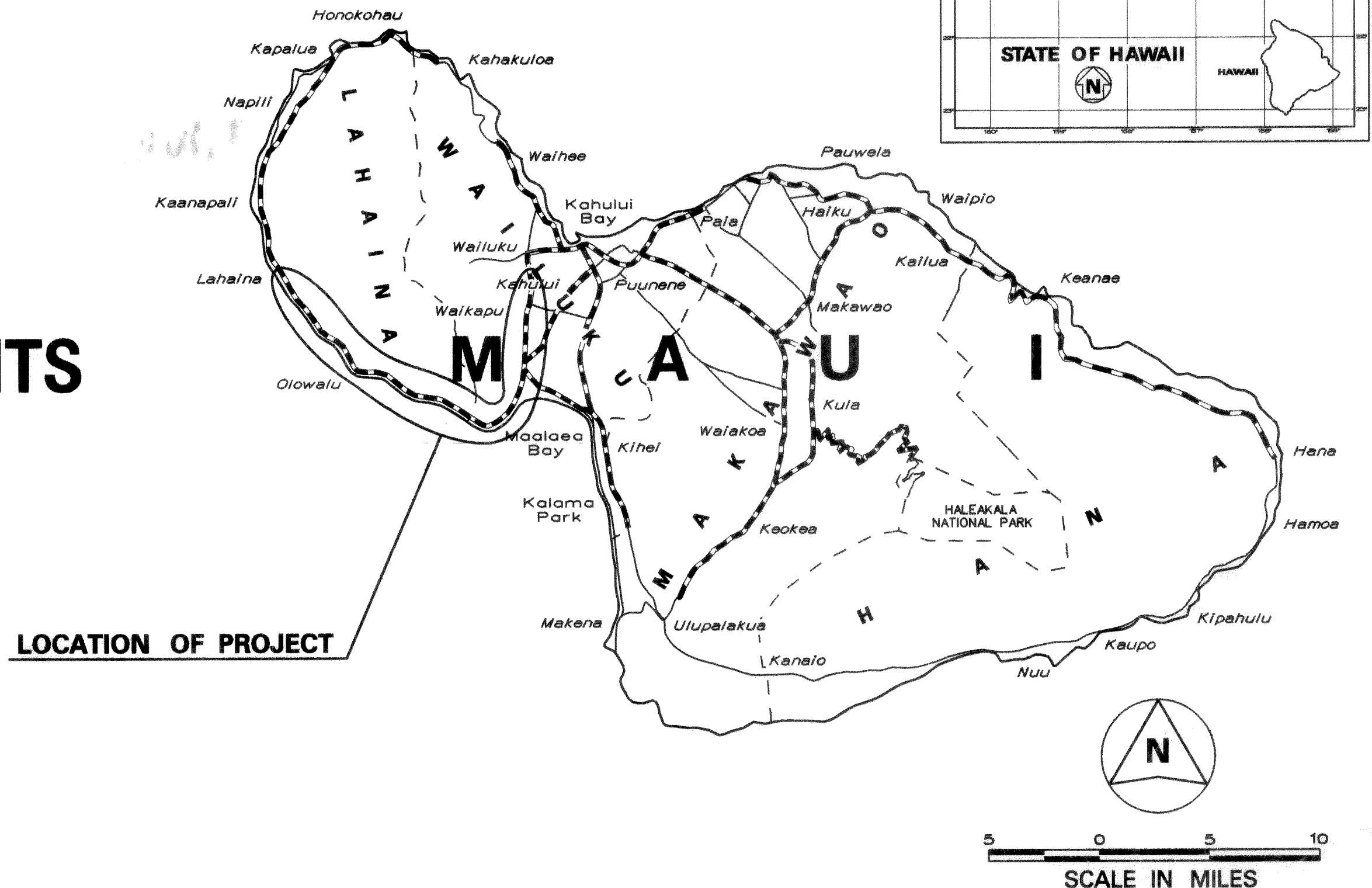
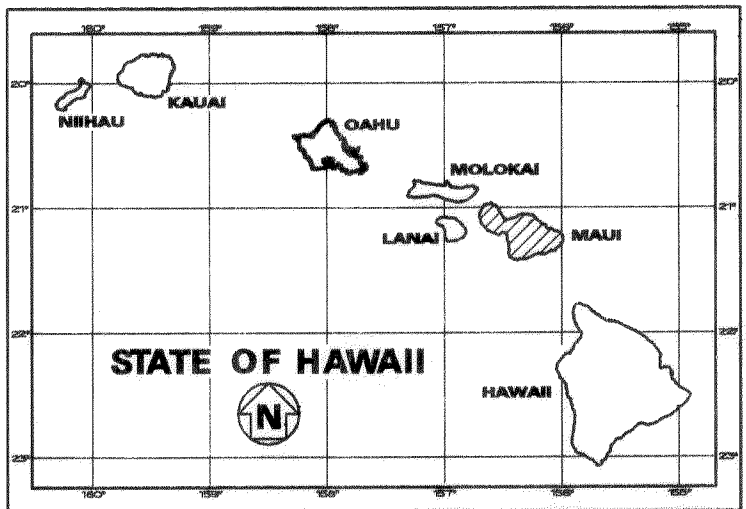


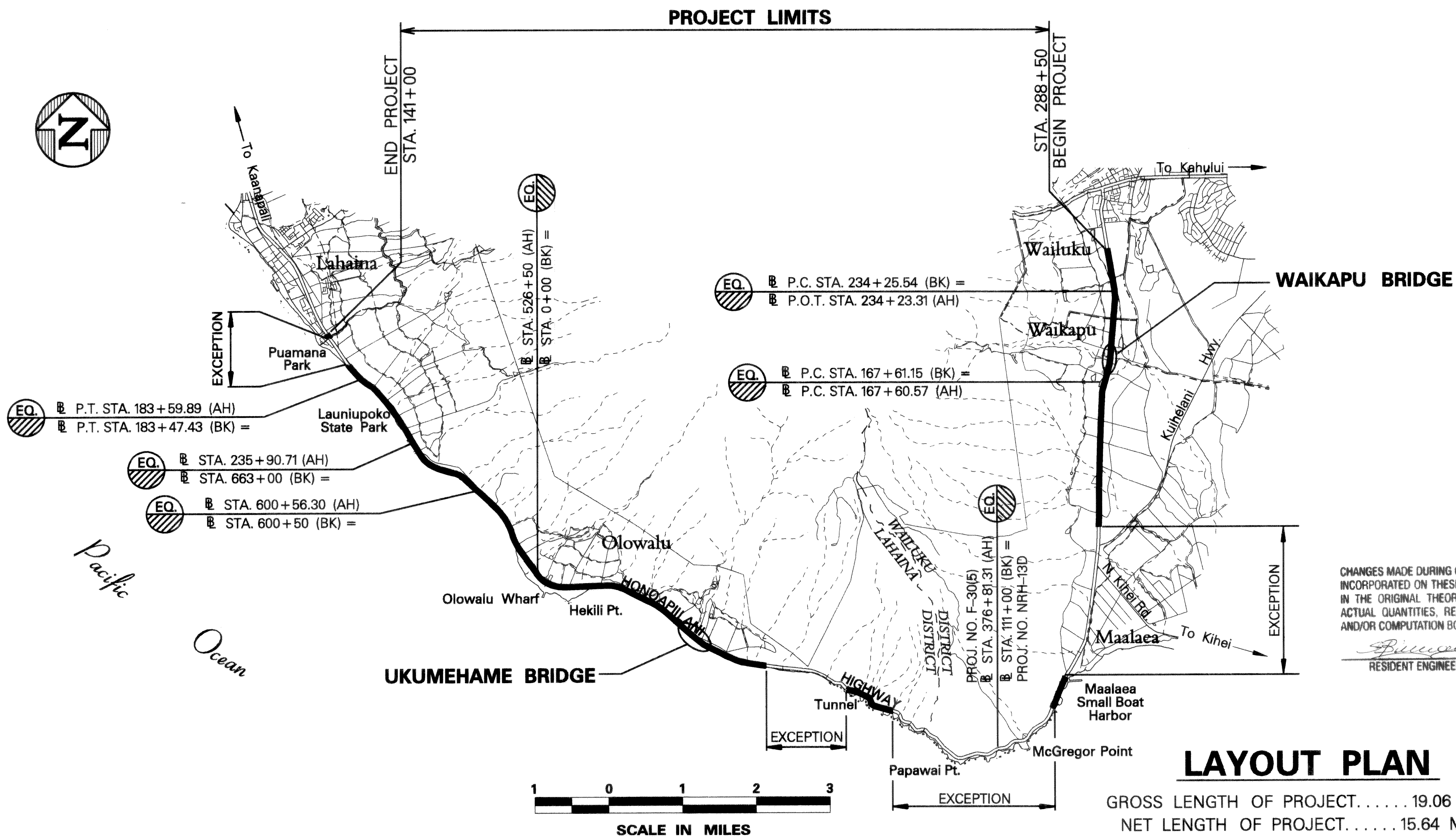
INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LAYOUT PLAN
3	STANDARD PLANS SUMMARY
4	GENERAL NOTES AND LEGEND
5	TYPICAL SECTIONS AND DETAILS
6 - 38	ROADWAY PLANS
39	DRAINAGE DETAILS
40	FLEAT-350
41	UPGRADE PLANS - INDEX TO DRAWINGS, GENERAL NOTES, ESTIMATED QUANTITIES AND ABBREVIATIONS
42 - 44	WAIKAPU STREAM BRIDGE
45 - 49	UKUMEHAME STREAM BRIDGE
50 - 54	KAUAULA STREAM BRIDGE
55 - 58	JERSEY BARRIER UPGRADE
59 - 60	CULVERT HEADWALL UPGRADE
61 - 62	THRIE BEAM GUARDRAIL FOR STRUCTURE CONNECTION
63 - 73	STRONG POST GUARDRAIL SYSTEM

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
"AS-BUILT"
PLANS FOR
**HONOAPIILANI HIGHWAY
GUARDRAIL AND SHOULDER IMPROVEMENTS
HIGH STREET TO PUAMANA
FEDERAL-AID PROJECT NO. STP-0900(53)**
DISTRICTS OF WAILUKU AND LAHAINA
ISLAND OF MAUI

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0900(53)	2000	1	73



DESIGNED BY
HWY-M
R. HIRONAKA
P. S. & E. BY
692-7575
PHONE
JULY, 1999
DATE



FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION
MILE POST 0.53 TO MILE POST 19.59

DESIGN DESIGNATION

HONOAPIILANI HIGHWAY, SOUTH OF WAILUKU:

ADT (1998)	14,300
ADT (2008)	19,200
DHV	1,250
K	6.5%
D	55/45
T	2.0%
T ₂₄	2.5%

HONOAPIILANI HIGHWAY, SOUTH OF LAHAINA:

ADT (1998)	22,400
ADT (2008)	27,800
DHV	2,500
K	9.0%
D	60/40
T	3.0%
T ₂₄	4.0%

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
DATE 5/5/13

LAYOUT PLAN

GROSS LENGTH OF PROJECT.....19.06 MILES
NET LENGTH OF PROJECT.....15.64 MILES

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:
DIR. OF TRANSPORTATION
DATE 8/13/99