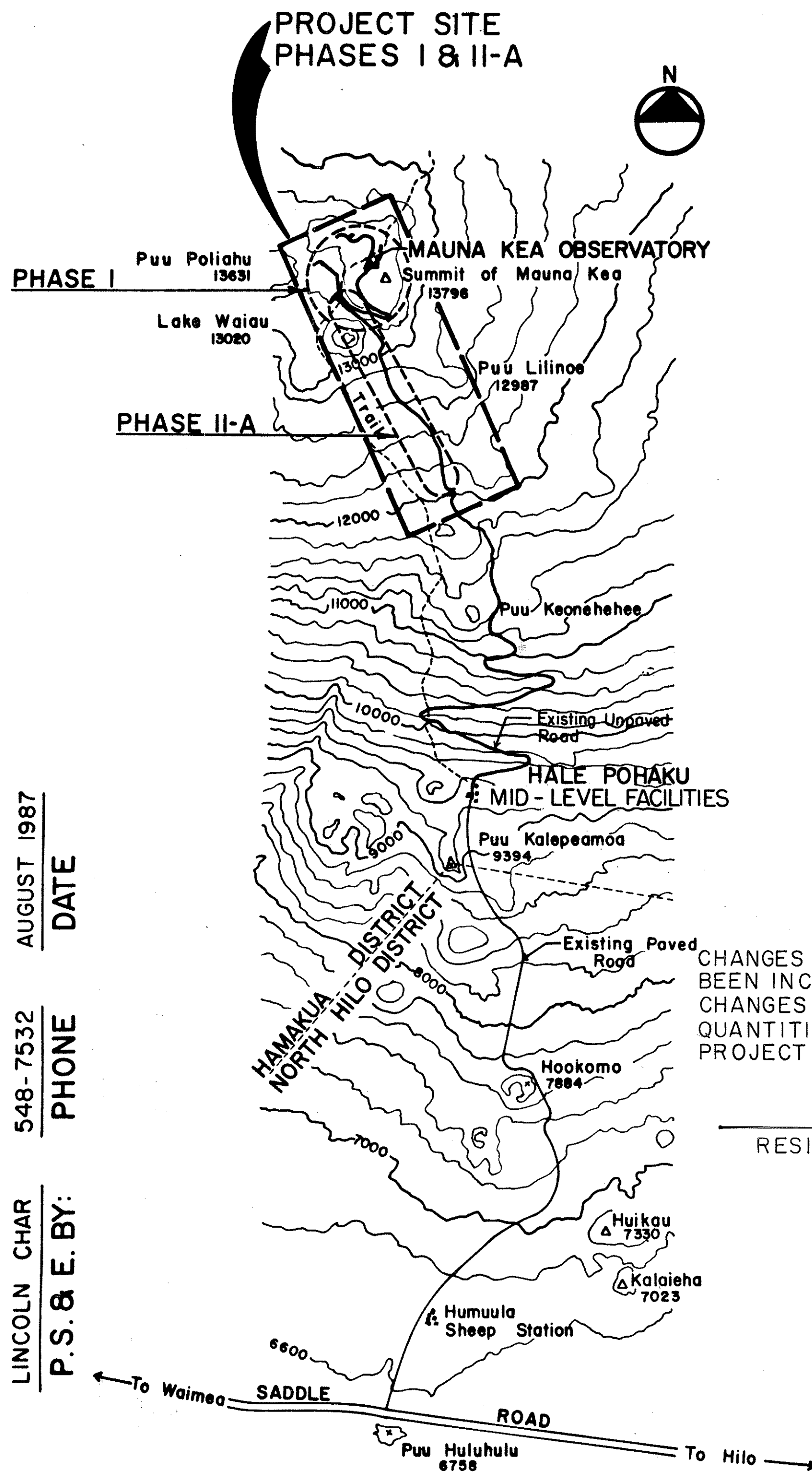


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-H-01-86	1987	1	115



"AS-BUILT"

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PLANS FOR CONSTRUCTION OF

MAUNA KEA OBSERVATORY

ACCESS ROAD

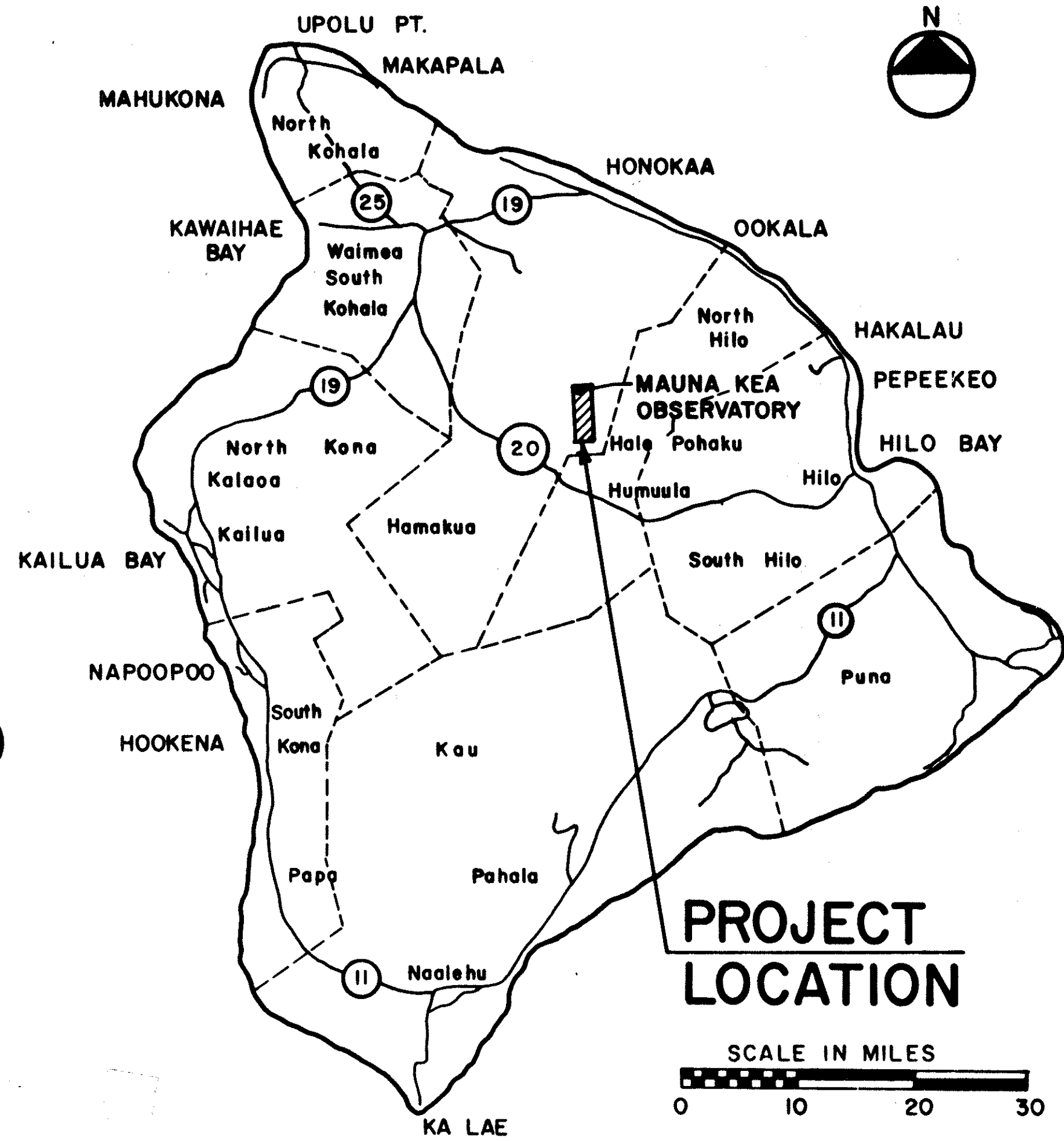
SUMMIT OF MAUNA KEA TO HALE POHAKU

PHASE I - SUMMIT TO STA. 52+37.19 (=STA. 0+04.29 PHASE II-A)

AND

PHASE II-A - STA. 0+04.29 TO STA. 107+00

PROJECT NO. HWY-H-01-86



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.

DISTRICT OF HAMAKUA

ISLAND OF HAWAII

RESIDENT ENGINEER _____ DATE _____

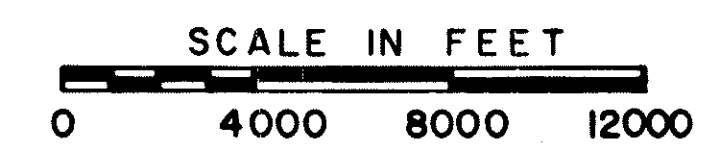
INDEX TO DRAWINGS			
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
1	TITLE SHEET	PHASE II-A	
2	STANDARD PLANS SUMMARY	67	SHEET LAYOUT PLANS, FIELD OFFICE AND BATCH PLANT LOCATION MAPS
PHASE I		68	NOTES, ABBREVIATIONS AND LEGEND
3	SHEET LAYOUT PLANS, FIELD OFFICE AND BATCH PLANT LOCATION MAPS	69 - 73	ALIGNMENT PLAN
4	NOTES, ABBREVIATIONS AND LEGEND	74	TYPICAL SECTIONS
5 - 11	ALIGNMENT PLAN	75 - 85	PLAN, PROFILE AND GRADING
12	TYPICAL SECTIONS	86	TRAFFIC CONTROL PLAN
13 - 28	PLAN, PROFILE AND GRADING	87	SITE AND GRADING PLAN - PARKING AREA 2
29 - 30	INTERSECTION GRADING PLAN	88	MISCELLANEOUS DETAILS
31	CONSTRUCTION SEQUENCE AND TRAFFIC CONTROL PLAN	89	REINFORCED CONCRETE WALL SECTIONS AND DETAILS
32	STOCKPILE PLAN	90	CULVERT PROFILES
33	MISCELLANEOUS DETAILS	91 - 94	DRAIN DETAILS
34 - 38	DRAIN DETAILS	95	DRAIN AND GUARDRAIL DETAILS
39	STRIPING AND WALL DETAILS	96	GUARDRAIL DETAILS
40	REINFORCED CONCRETE WALL SECTIONS AND DETAILS	97	MISCELLANEOUS SIGN DETAILS
41 - 42	GUARDRAIL DETAILS	98 - 99	BORING AND TEST PIT LOGS AND NOTES
43	MISCELLANEOUS SIGN DETAILS	100 - 115	CROSS SECTIONS
44 - 45	HANDHOLE DETAILS		
46	BORING AND TEST PIT LOGS AND NOTES		
47 - 66	CROSS SECTIONS		

ISLAND OF HAWAII

DESIGN CLASSIFICATION

DESIGN ADT (2006)	150
DHV	20
D	50/50
T	7
V	25 MPH

GENERAL CONSTRUCTION SITE PLAN



LENGTH OF PROJECT = 4.3 MILES

STATE OF HAWAII
UNIVERSITY OF HAWAII

APPROVED:

[Signature]
DIRECTOR OF CAMPUS OPERATIONS
UNIVERSITY OF HAWAII AT MANOA

10/20/87
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

APPROVED:

[Signature]
DIRECTOR OF TRANSPORTATION

10/23/87
DATE

DATE	10/23/87
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
ORIGINAL PLAN	DATE
NOTE BOOK	DATE

DESIGN BY: FUKUNAGA & ASSOCIATES, INC.

LINCOLN CHAR P.S. & E. BY: 548-7532 PHONE 1987 DATE