

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLAN SUMMARY
3	GENERAL NOTES
4	GRADING NOTES, LEGEND AND DETAILS
5-6	WATER POLLUTION AND EROSION CONTROL NOTES
7-8	GENERAL ROCKFALL NOTES
9-11	DRAPED WIRE MESH DETAILS
12-13	RING NETTING DETAILS
14	CRM WALL DETAIL
15-19	SITE 1 - MP 12.1
20-22	SITE 2 - MP 13.4
23-29	SITE 3 - MP 13.80 TO MP 13.81
30-33	SITE 4 - MP 15.3
34-42	SITE 5 - MP 27.7
43-49	SITE 6 - MP 27.7 TO MP 28.7
50	SITE 7 - MP 29.2
51-53	SITE 8 - MP 29.5 TO MP 29.6
54-60	SITE 9 - MP 29.7
61-65	SITE 10 - MP 30.8
66-73	SITE 11 - MP 31.1 TO MP 31.15
74	SIGNING AND STRIPING NOTES
75	GUARDRAIL SCHEDULE
76	GUARDRAIL DETAIL
77	W-BEAM DETAIL
78-79	MODIFIED A-1 FLARE
80	FLEAT-350 DETAIL
81	LANE CLOSURE PLAN
82-88	BORING LOGS

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

HONOLULU, HAWAII

"AS-BUILT"

PLANS FOR

EMERGENCY EARTHQUAKE ROCKFALL REPAIRS

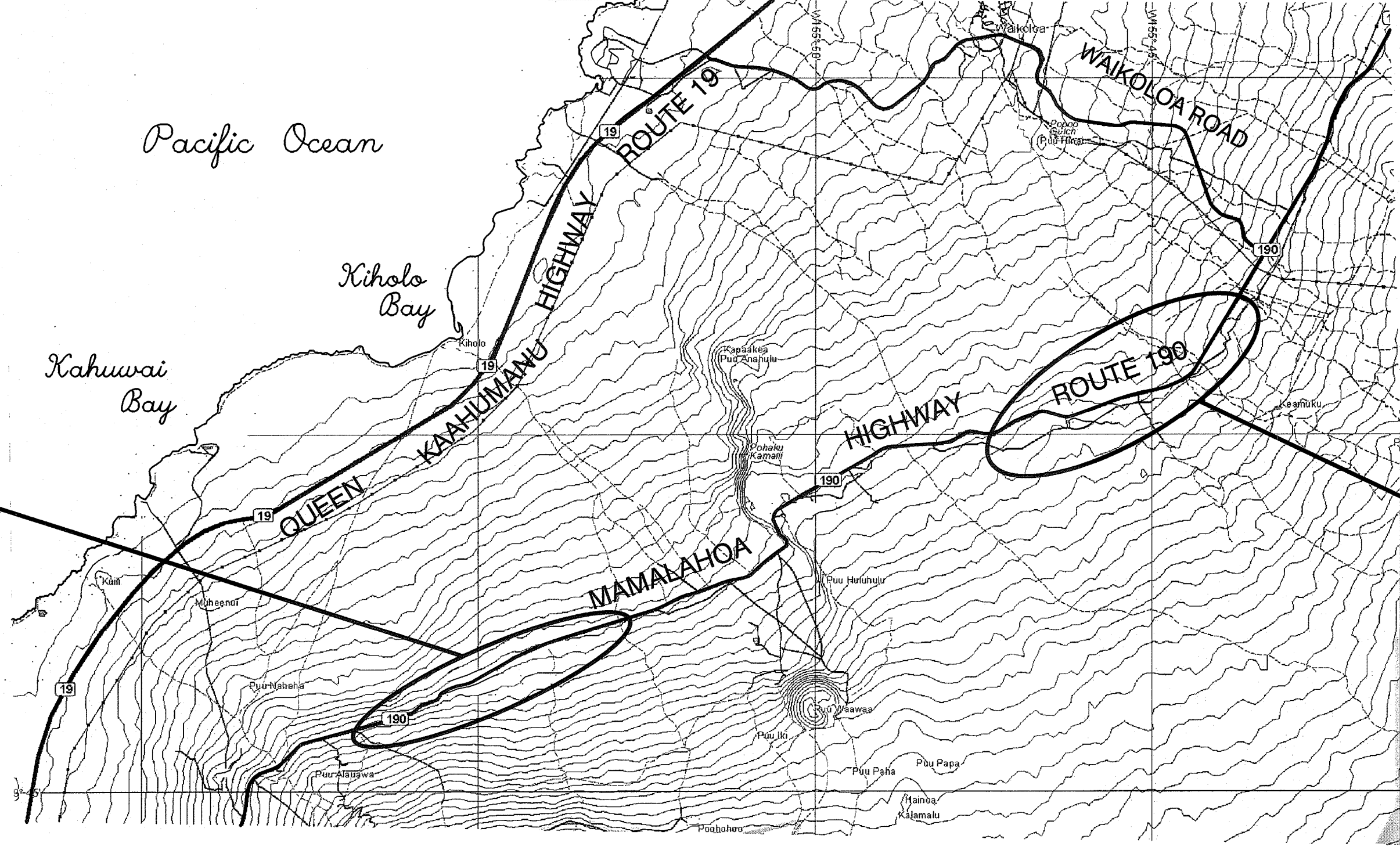
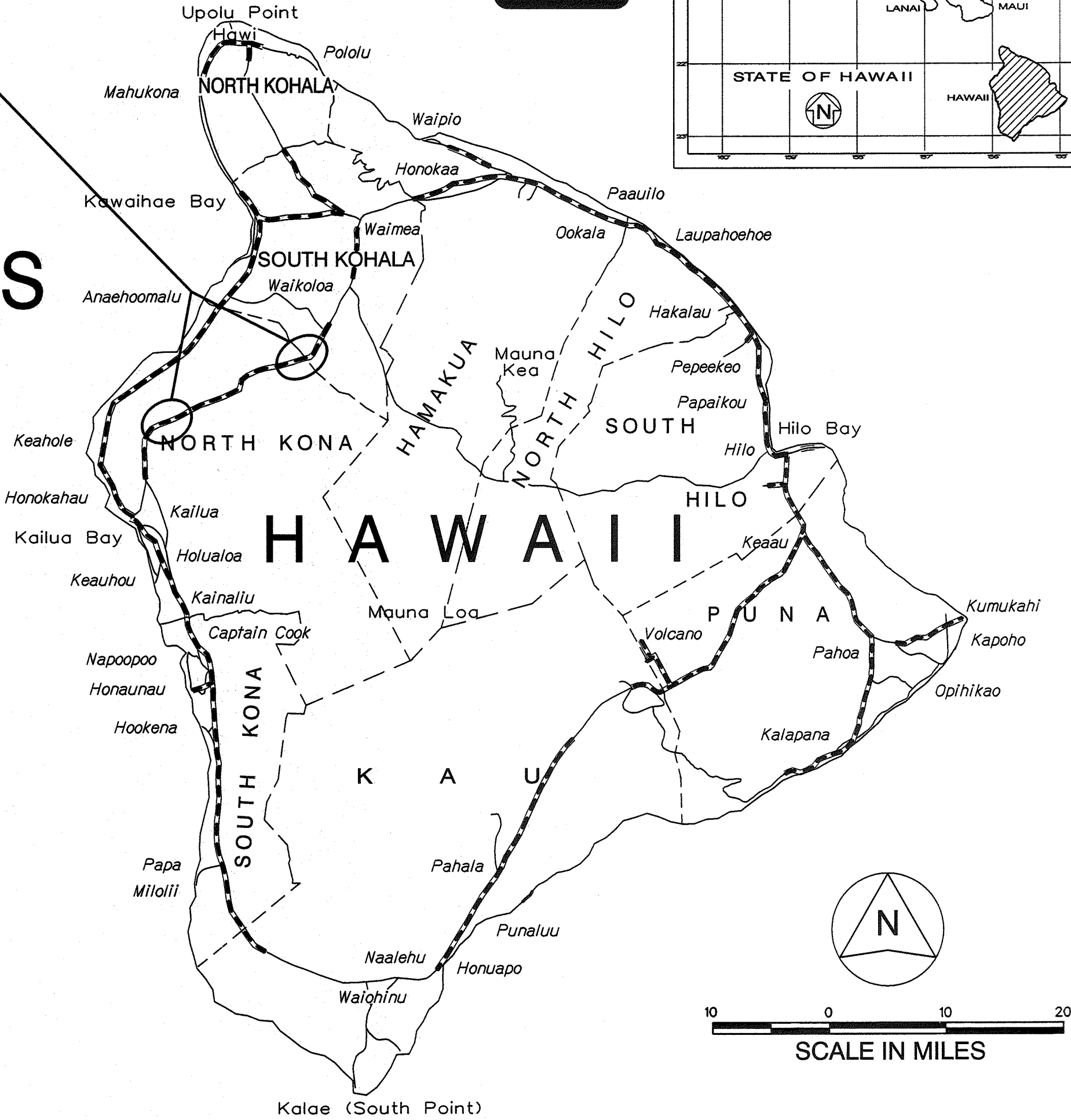
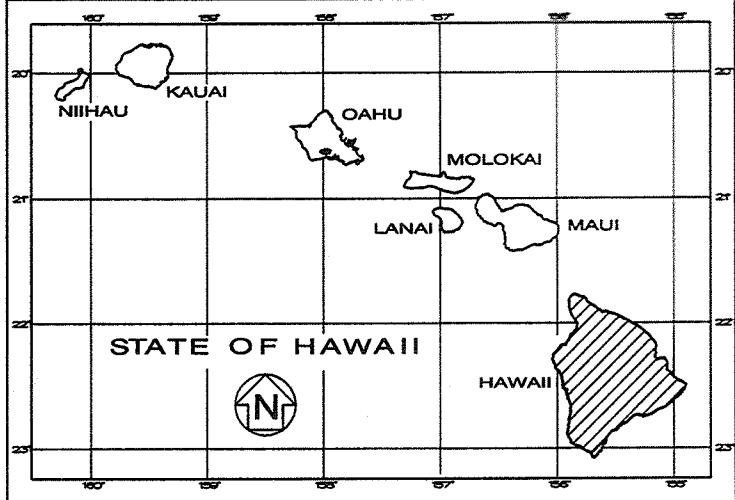
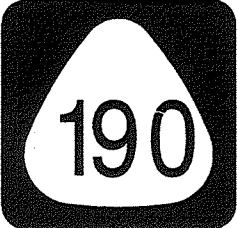
VARIOUS LOCATIONS ON HAWAII, UNIT 4

FEDERAL AID PROJECT NO. ER-15(22)

DISTRICTS OF NORTH KONA AND SOUTH KOHALA

ISLAND OF HAWAII

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-15(22)	2009	1	88



FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION					
ROUTE 190:	SITE 1,	MILE POST	12.1	TO MILE POST	12.1
	SITE 2,	MILE POST	13.4	TO MILE POST	13.4
	SITE 3,	MILE POST	13.8	TO MILE POST	13.81
	SITE 4,	MILE POST	15.3	TO MILE POST	15.3
	SITE 5,	MILE POST	27.7	TO MILE POST	27.7
	SITE 6,	MILE POST	27.7	TO MILE POST	28.7
	SITE 7,	MILE POST	29.2	TO MILE POST	29.2
	SITE 8,	MILE POST	29.5	TO MILE POST	29.6
	SITE 9,	MILE POST	29.7	TO MILE POST	29.7
	SITE 10,	MILE POST	30.8	TO MILE POST	30.8
	SITE 11,	MILE POST	31.1	TO MILE POST	31.15

DESIGN DESIGNATION	
ADT 2009	4,700
DESIGN ADT 2019	6,200
DHV	590
D	55/45
T24	6.5
V	60 mph

DEPARTMENT OF TRANSPORTATION

STATE OF HAWAII

APPROVED:

DEC 30 2009

DIR. OF TRANSPORTATION

DATE

DESIGNED BY

MANAGED BY

PHONE

DATE

WESLEY R. SEGAWA & ASSOC.

HWY-H

933-8866

DEC 2009

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

2/21/12

DATE

LAYOUT PLAN

