

MADONN/KPOLE/MAKAKILO/TITLE.DGN

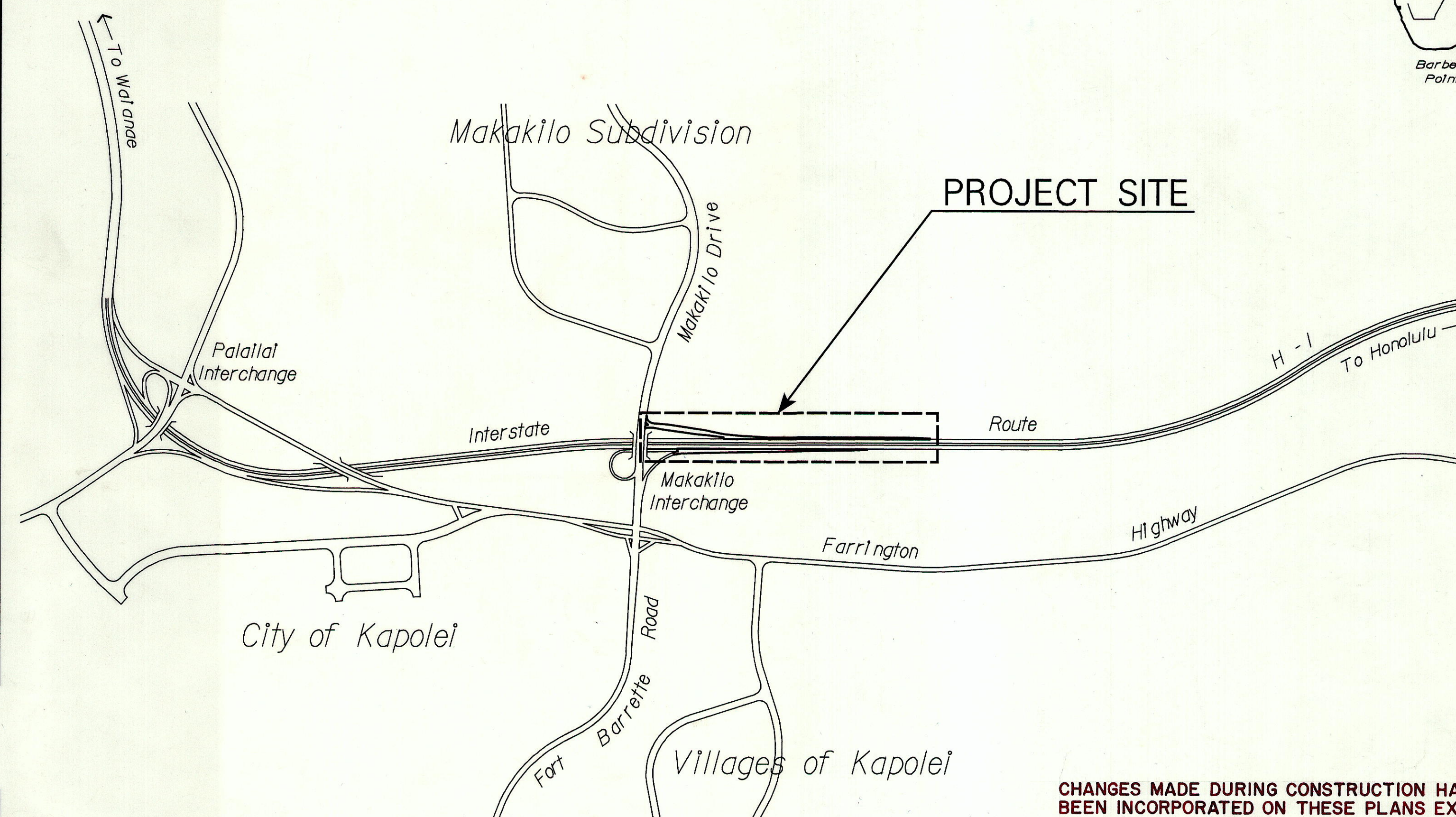
INDEX TO DRAWINGS		
DWG. NO.	SHEET NO.	DESCRIPTION
1	T-1	TITLE SHEET
2	T-2	CONSTRUCTION NOTES
3	T-3	STANDARD PLANS SUMMARY
4	C-1	GENERAL PLAN
5-7	C-2 TO C-4	TYPICAL ROADWAY SECTIONS
8-9	P-1 TO P-2	SITE PREPARATION PLAN
10-13	R-1 TO R-4	ROADWAY PLAN
14	R-5	RAMP TERMINAL DETAILS
15	R-6	INTERSECTION DETAILS & GRADES
16	R-7	WHEELCHAIR RAMP DETAILS & NOTES
17-20	D-1 TO D-4	GRADING & DRAINAGE PLAN
21-23	D-5 TO D-7	DRAIN LINE PROFILES
24-25	D-8 TO D-9	DRAINAGE DETAILS
26-30	S-1 TO S-5	CULVERT MODIFICATION DETAILS
31-32	S-6 TO S-7	CONCRETE BARRIER, END POST & GUARDRAIL DETAILS
<del>33-34</del>	<del>S-8 TO S-9</del>	<del>RETAINING WALL-1 DETAILS</del>
35-39	M-1 TO M-5	TRAFFIC SIGNS & PAVEMENT MARKING PLAN
40	M-6	DESTINATION SIGN DETAILS
41	M-7	DESTINATION SIGN FRAME LAYOUT
42-48	F-1 TO F-7	TRAFFIC CONTROL PLAN
49	F-8	TRAFFIC CONTROL DETAILS & NOTES
50-54	X-1 TO X-5	RAMP MA & MB CROSS SECTIONS
55-57	X-6 TO X-8	RAMP MC CROSS SECTIONS
58-61	X-9 TO X-12	AUXILIARY LANE CROSS SECTIONS
62	E-1	ELECTRICAL SYMBOLS, GENERAL NOTES
63	E-2	OVERALL LIGHTING & TRAFFIC SIGNAL SYSTEM PLAN
64	E-3	DUCT SECTIONS
65-68	E-4 TO E-7	HIGHWAY LIGHTING PLANS I TO IV
69	E-8	CONDUIT INSTALLATION AT CULVERT MODIFICATIONS
70	E-9	SERVICE EQUIPMENT SITE PLAN
71-72	E-10 TO E-11	EXISTING DISTRIBUTION CENTER "C"
73-74	E-12 TO E-13	HIGHWAY LIGHTING CONN. ONE-LINE DIAGRAM I & II
75-80	E-14 TO E-19	HIGHWAY LIGHTING DETAILS I TO VI
81-83	E-20 TO E-22	RD. SECT. w/ POLE & PULLBOX LOC. DET. I TO III
84	E-23	DESTINATION SIGN LIGHTING DETAILS
85-86	E-24 TO E-25	TRAFFIC SIGNAL PLANS I & II
87	E-26	CONDUIT INSTALLATION DET. IN EXIST. BRIDGE PIPE CHASE
88-94	E-27 TO E-33	TRAFFIC SIGNAL SYSTEM DETAILS I TO VII
95-96	L-1 TO L-2	LANDSCAPE IRRIGATION PLANS
97	L-3	LANDSCAPE IRRIGATION LEGEND AND NOTES
98-99	L-4 TO L-5	LANDSCAPE IRRIGATION DETAILS
100-103	L-6 TO L-9	LANDSCAPE PLANTING PLANS
104	L-10	LANDSCAPE PLANT LIST, DETAILS AND NOTES

ENGINEERING  
CONCEPTS  
DESIGNED BY  
KEVIN ITO  
P.S. & E. BY  
DATE  
587-2244 APRIL 1997  
PHONE

DESIGN CLASSIFICATION	
H-1 AT MAKAKILO INTERCHANGE	
CURRENT ADT (1995)	42,000
DESIGN ADT (2015)	95,400
DHV	7,700
D	55%/45%
T	5.6%
T 24	9.4%
V	70 M.P.H

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
HONOLULU, HAWAII  
**"AS-BUILT"**  
PLANS FOR  
**INTERSTATE ROUTE H-1**  
MAKAKILO INTERCHANGE IMPROVEMENTS TO  
WESTBOUND OFF-RAMP AND EASTBOUND ON-RAMPS  
**FEDERAL AID PROJECT NO. IM-H1-1(222)**

DISTRICT OF EWA  
ISLAND OF OAHU



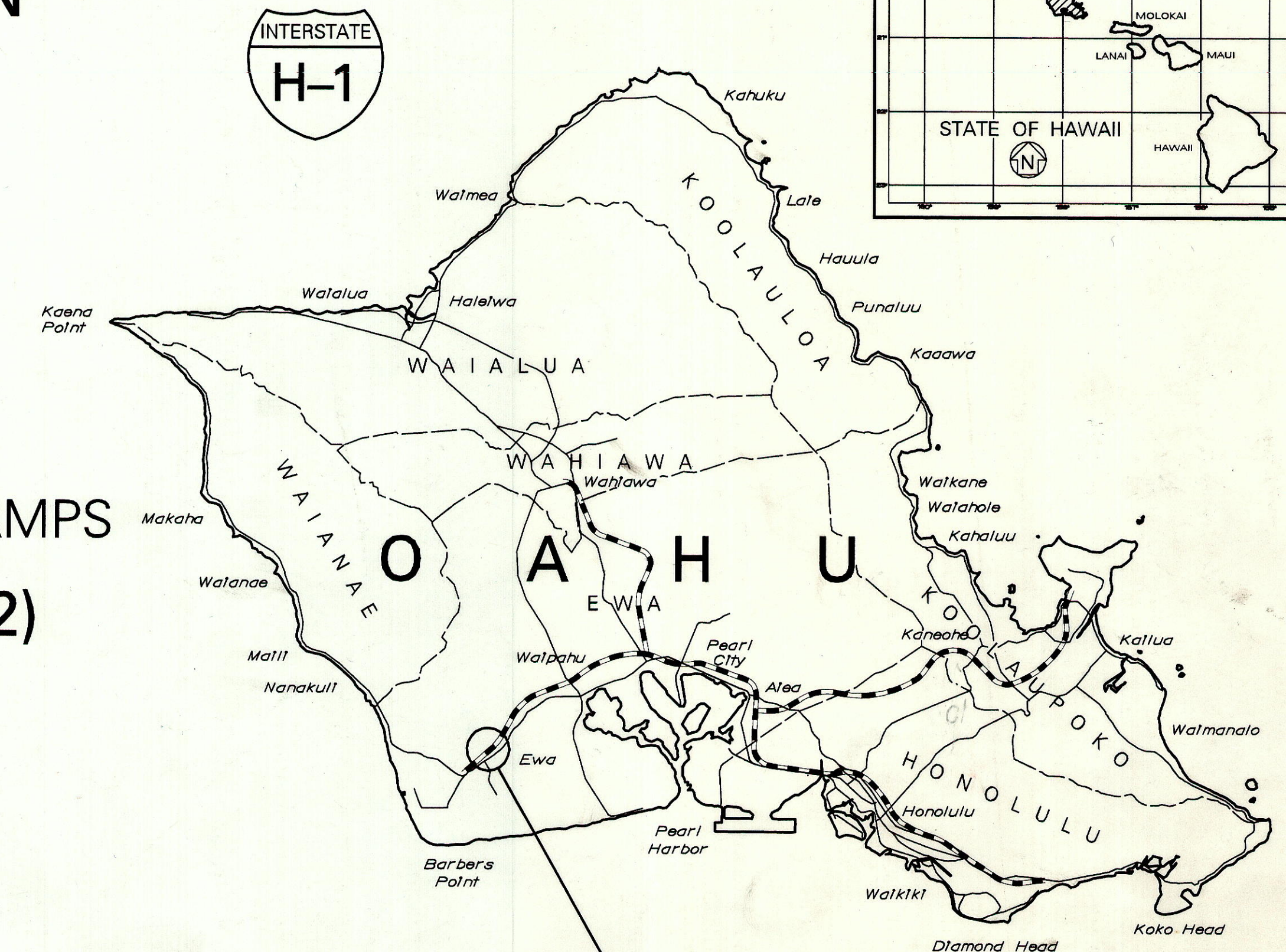
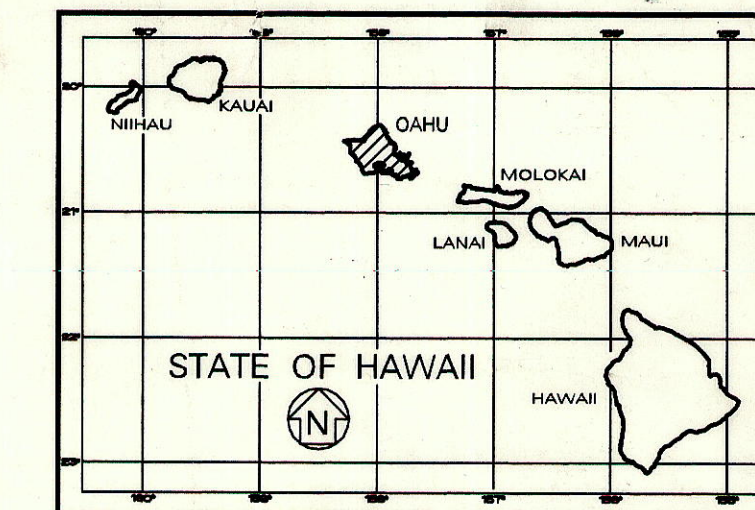
**LOCATION PLAN**

1 0 1 2 3  
SCALE IN THOUSAND FEET

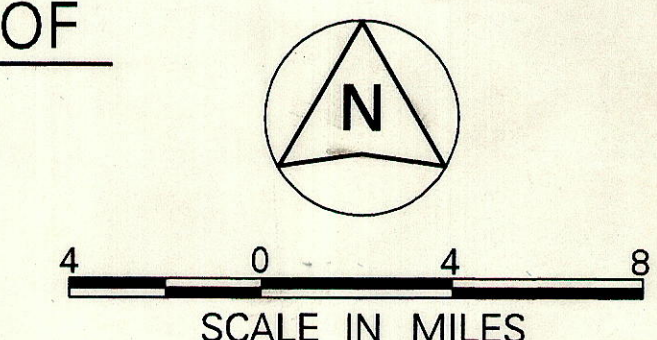
CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. FOR ACTUAL QUANTITIES, REFER TO PROJECT LEDGER AND/OR COMPUTATION BOOK.

*Benjamin D. Javala* 7/15/99  
RESIDENT ENGINEER DATE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-H1-1(222)	1997	1	104



**LOCATION OF PROJECT**



MILE POST 1.12 TO MILE POST 1.73

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

DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII  
APPROVED: *Kays Kuyashiki* 5/20/97  
DIR. OF TRANSPORTATION DATE

MAY 9, 1997  
SHEET No. 7-1 OF 3 SHEETS