

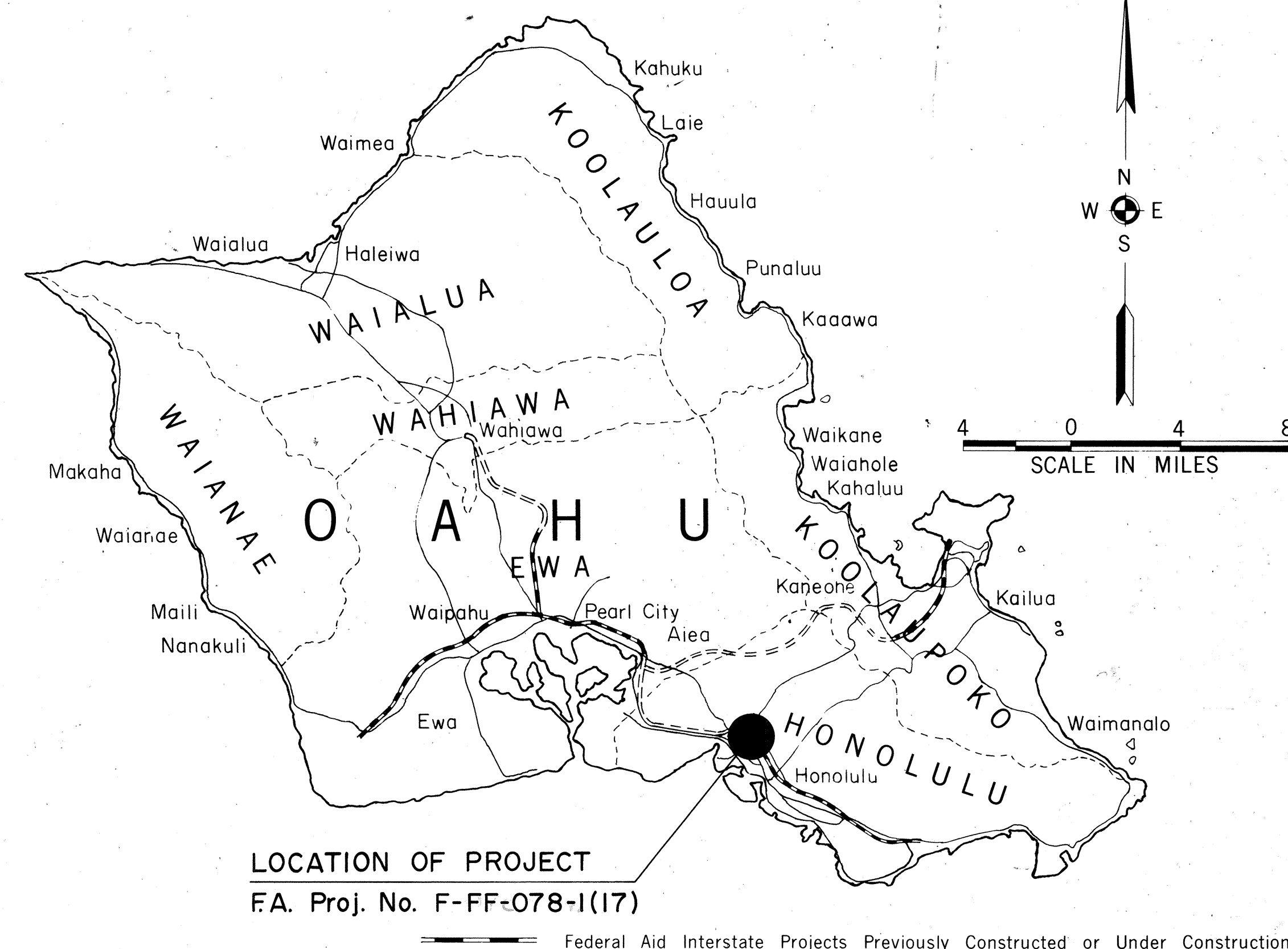
INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-6	BORING PLAN & LOGS
7-8	CONSTRUCTION PHASING
9	TYPICAL ROADWAY SECTIONS
10-13	ALIGNMENT PLAN
14-15	PROFILES & SUPERELEVATION DIAGRAMS
16-21	DETAIL PLAN OF ROADWAY
(1) 22-38	STANDARD DETAILS
39	MISCELLANEOUS DETAILS
40-45	GRADING & DRAINAGE PLAN
46	DRAINAGE PROFILE
47-48	DRAINAGE SUMMARY
49-56	DRAINAGE DETAILS
(2) 57-63	CIVIL UTILITIES PLAN & DETAILS
64-65	DETOUR PLAN & DETAILS
66-67	SIGNING & PAVEMENT MARKING PLAN
(3) 68	PANEL LAYOUT
69	FRAME LAYOUT
70-88	SIGNING DETAIL
89-117	ELECTRICAL PLANS & DETAILS
(4) 118-161	STRUCTURAL PLANS & DETAILS
162-164	CROSS SECTIONS

SUPPLEMENTARY SHEETS TO THIS PROJECT ARE SHEET NOS.  
(1) C.O. 22S-1  
(2) 59S-1  
(3) 68S-1  
(4) C.O. 135S-1  
TOTAL SHEET COUNT AFTER "AS-BUILT" POSTINGS: 168 SHEETS.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
HONOLULU, HAWAII  
"AS-BUILT"  
PLANS FOR  
CONSTRUCTION OF A PORTION OF  
**MOANALUA ROAD**  
PUULOA INTERCHANGE TO MIDDLE STREET-UNIT 2  
EASTBOUND COLLECTOR ROAD  
FEDERAL AID PROJECT NO. F-FF-078-1(17)

DISTRICT OF HONOLULU  
ISLAND OF OAHU

NOTE  
WHEREVER THE PROJECT NO. FF-078-1(17) APPEARS IN THESE PLANS, IT SHALL BE AMENDED TO READ "F-FF-078-1(17)".  
DATE: 9-28-77



SCALES:

PLANS . . . . .	HOR.	1" = 50'
PROFILES . . . . .	HOR.	1" = 100'
	VERT.	1" = 10'
DETAIL ROADWAY PLANS . . . . .	HOR.	1" = 20'
CROSS SECTIONS . . . . .	HOR.	1" = 10'
	VERT.	1" = 10'

DESIGN DESIGNATION

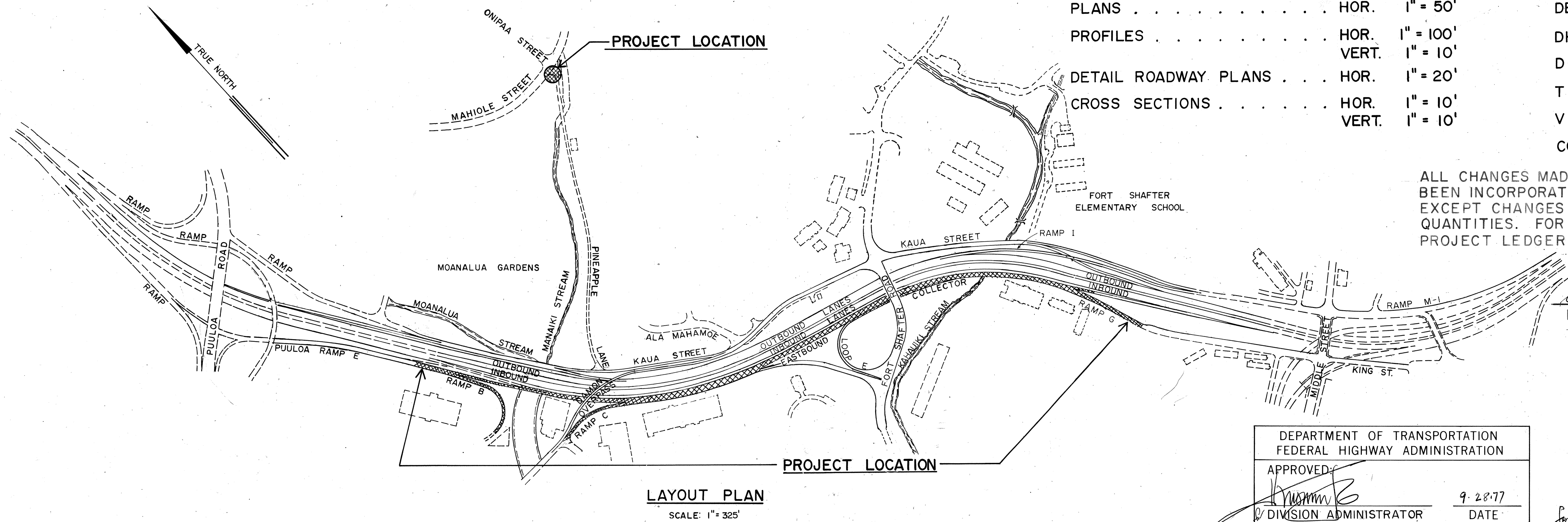
CURRENT ADT (1976) . . . . .	44,100
DESIGN ADT (1996) . . . . .	73,900
DHV . . . . .	7,840
D . . . . .	60/40
T . . . . .	5%
V . . . . .	60 MPH
CONTROL OF ACCESS . . . . .	FULL

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

Albert T. Nishi  
RESIDENT ENGINEER  
10/30/81  
DATE

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
APPROVED: [Signature]  
DIVISION ADMINISTRATOR  
9-28-77  
DATE

DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII  
APPROVED: R. Higashionna  
DIR. OF TRANSPORTATION  
9-28-77  
DATE



M & E PACIFIC, INC.  
DESIGNED BY  
JERRY M. MATSUDA  
P.S. & E. BY  
548-4042  
PHONE  
6/22/77  
DATE