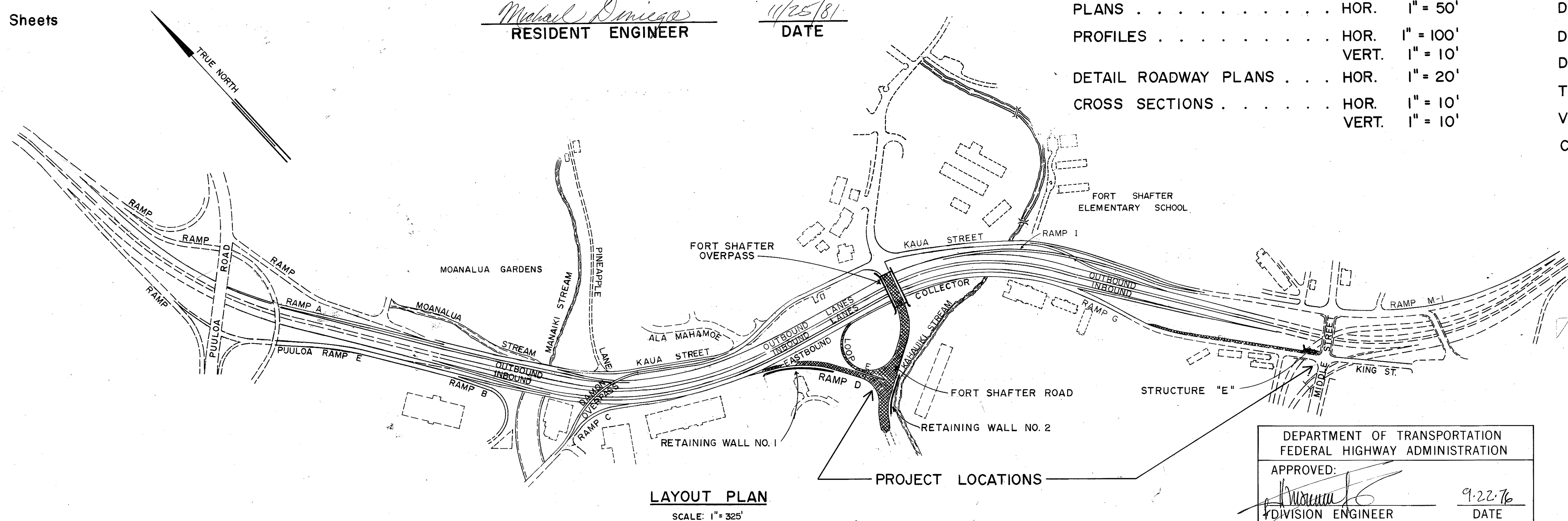


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2-3	BORING PLAN & LOGS
4	CONSTRUCTION PHASING
5	TYPICAL ROADWAY SECTIONS
6-8	ALIGNMENT PLAN
9	PROFILES & SUPERELEVATION DIAGRAMS
10-12	DETAIL PLAN OF ROADWAY
13-25	STANDARD DETAILS
26-28	GRADING & DRAINAGE PLAN
29	DRAINAGE PROFILES
30	DRAINAGE SUMMARY
31-37	DRAINAGE DETAILS
38-39	CIVIL UTILITIES PLAN & DETAILS
40-47	DETOUR PLAN & DETAILS
48-50	SIGNING & PAVEMENT MARKING PLAN
51	PANEL LAYOUT
52-64	SIGNING DETAIL
65	PLANTING PLAN & DETAILS
66-77	SPRINKLER SYSTEM
78-80	ELECTRICAL PLAN
81	TRAFFIC SIGNAL SYSTEM
82-95	ELECTRICAL DETAIL
96-136	STRUCTURAL DRAWINGS
137-142	CROSS SECTIONS

Plan Sht. Nos. ① CO 12 S-1, CO 12 S-2, CO 12 S-3, CO 12 S-4, CO 12 S-5, ② CO 13 S-1, CO 21 S-1, ③ CO 28 S-1, ④ CO 29 S-1, ⑤ CO 48 S-1, ⑥ CO 51 S-1, ⑦ CO 66 S-1, CO 74 S-1, CO 75 S-1, ⑧ CO 81 S-1, ⑨ CO 87 S-1, CO 87 S-2, CO 87 S-3, CO 87 S-4, CO 87 S-5, CO 87 S-6 are supplementary sheets to this project.

NEW TOTAL: 163 Sheets

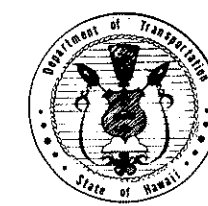
SL.T.H. DESIGNED BY
JERRY M. MATSUDA
P. S. & E. BY
548-4042
6/25/76
DATE



LAYOUT PLAN
SCALE: 1" = 325'



STATE OF HAWAII



DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HONOLULU, HAWAII

"AS-BUILT"
PLANS FOR

CONSTRUCTION OF A PORTION OF

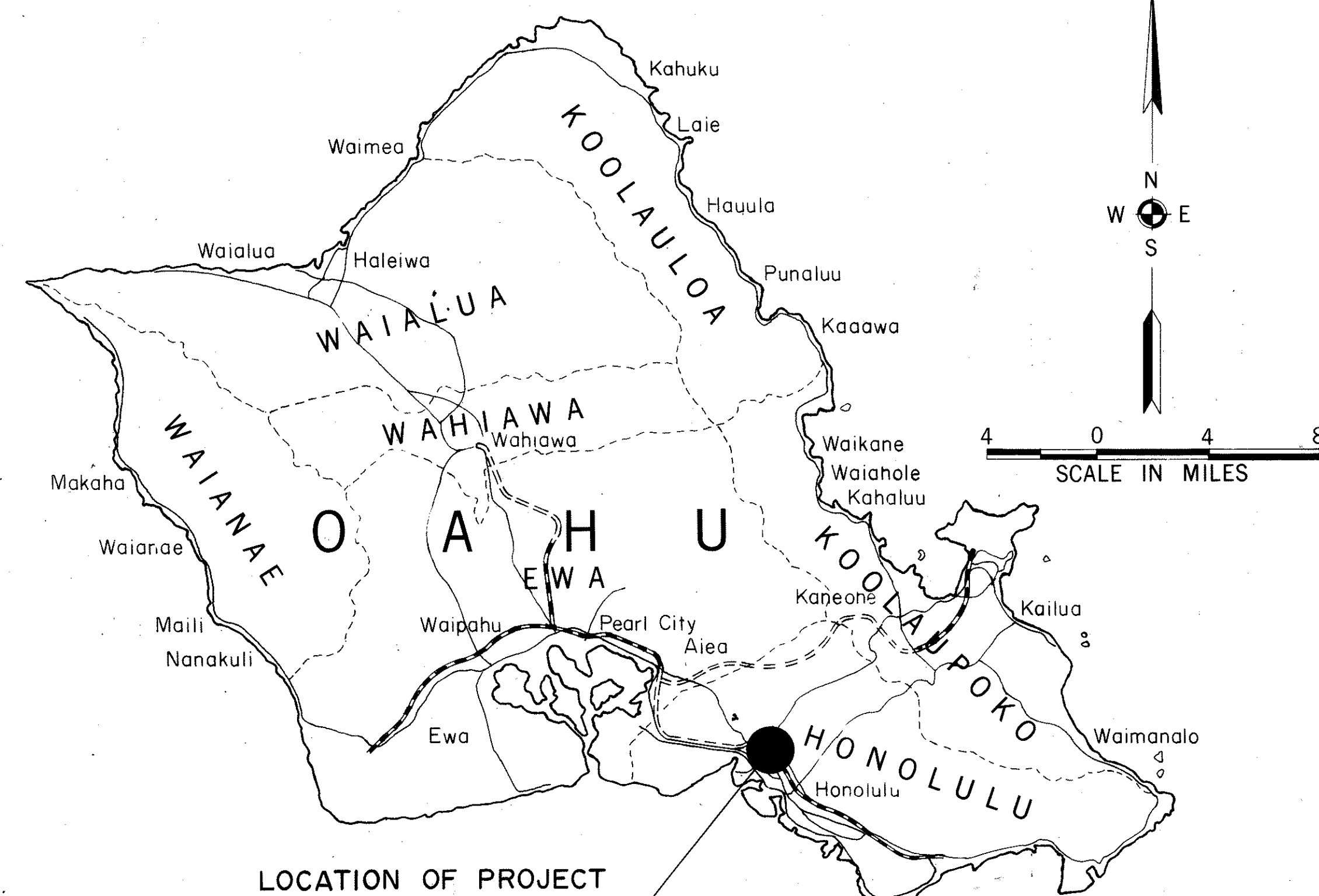
MOANALUA ROAD
PUULOA INTERCHANGE TO MIDDLE STREET-UNIT I
FORT SHAFTER INTERCHANGE
FEDERAL AID PROJECT NO. U-FF-078-1(6)

DISTRICT OF HONOLULU
ISLAND OF OAHU

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.

Michael Domiga
RESIDENT ENGINEER

11/25/81
DATE



LOCATION OF PROJECT
F.A. Proj. No. U-FF-078-1(6)

Federal Aid Interstate Projects Previously Constructed or Under Construction

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

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED:
DIVISION ENGINEER
9-22-76
DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:
E. Avery Knight
8/4/76
DIR. OF TRANSPORTATION
DATE