

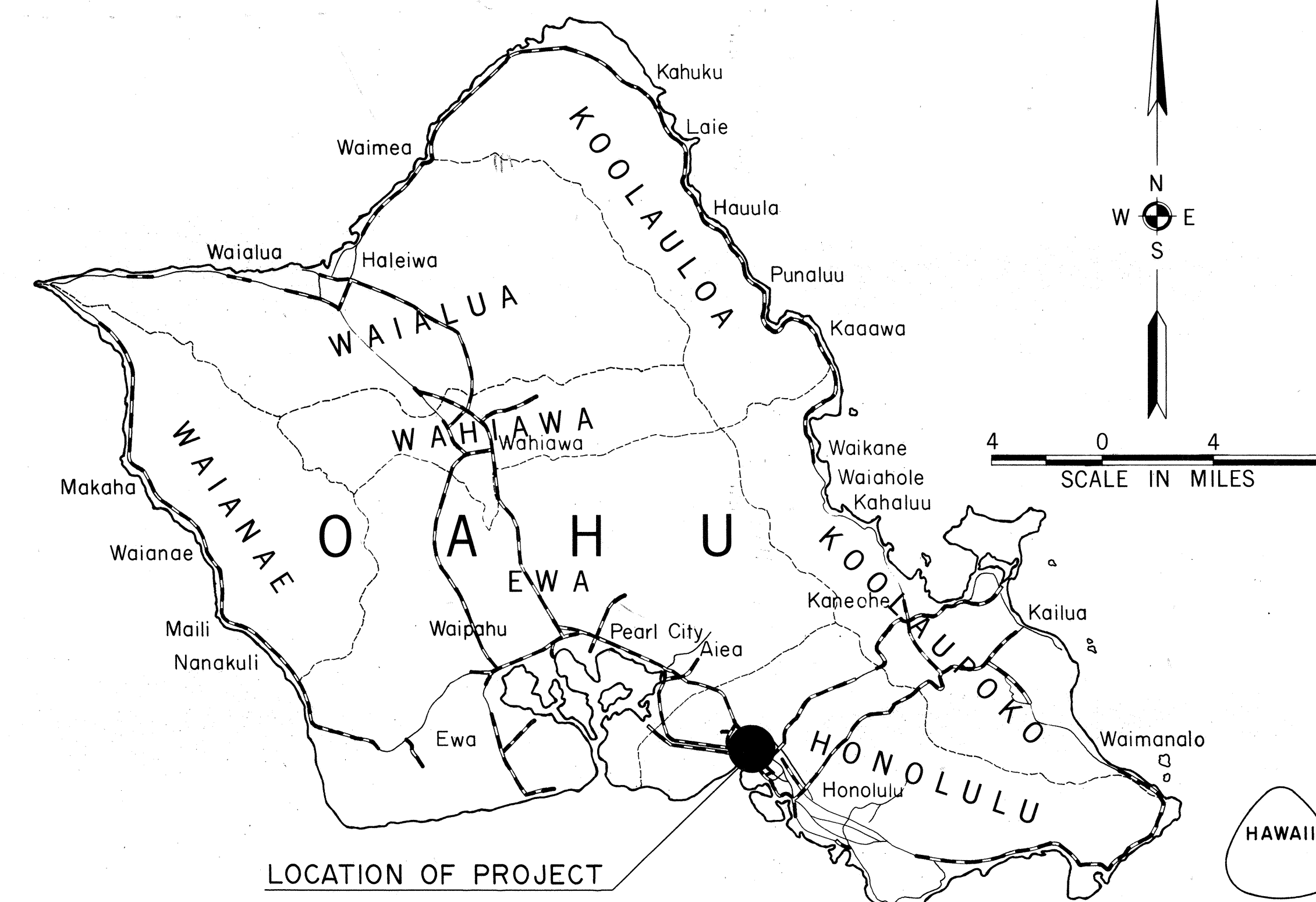
INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
2	TITLE SHEET
3-4	BORING PLAN
5	TYPICAL ROADWAY SECTIONS
6-10	ALIGNMENT PLAN
11-20	DETAIL PLAN OF ROADWAY
21-31	STANDARD ROADWAY DETAILS
32-35	GRADING & DRAINAGE PLAN
36	DRAINAGE PROFILE
37-39	DRAINAGE SUMMARY
40-47	DRAINAGE DETAILS
48-50	CIVIL UTILITY PLAN & DETAILS
51-52	CONSTRUCTION DETOUR
53-56	SIGNING & PAVEMENT MARKING PLAN
57-67	SIGNING DETAIL
68-69	PLANTING PLAN & DETAILS
70-74	SPRINKLER SYSTEM
75-94	ELECTRICAL PLAN & DETAILS
95-112	STRUCTURAL PLAN & DETAILS
113-117	CROSS SECTIONS
CO5 S-1 & CO5 S-2	RECONSTR. & RESURFACING OF PAV'T

Sht. Nos. ① CO5 S-1, CO5 S-2; ② CO30 S-1, ADD.31 S-1, ADD.31 S-2, ADD.31 S-3, ADD.31 S-4, ADD.31 S-5; ③ CO32 S-1; ④ CO59 S-1; ⑤ CO108 S-1 & CO110 S-1 are supplementary sheets to this project.

NEW TOTAL: 128 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 1A
 PERMANENT CONSTRUCTION
FEDERAL AID PROJECT NO. F-FF-078-1(16)
 DISTRICT OF HONOLULU
 ISLAND OF OAHU

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-FF-078-1(16)	1977	2	147

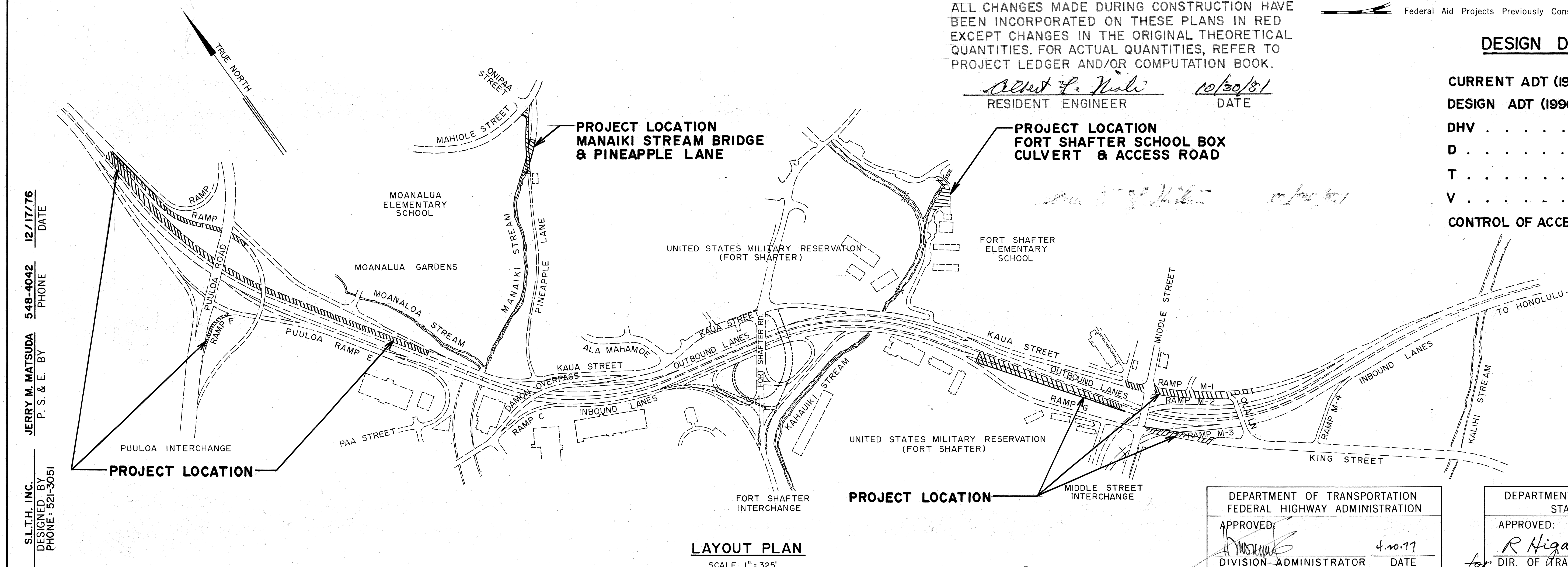


ALL CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS IN RED EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. FOR ACTUAL QUANTITIES, REFER TO PROJECT LEDGER AND/OR COMPUTATION BOOK.

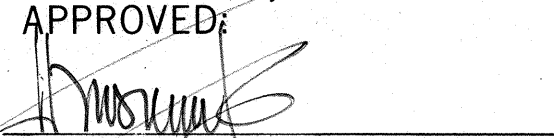

 RESIDENT ENGINEER
 10/30/81
 DATE

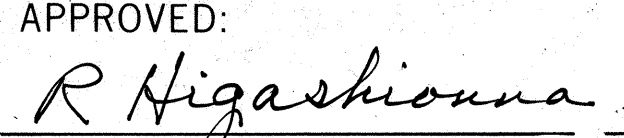
DESIGN DESIGNATION

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



LAYOUT PLAN
SCALE: 1" = 325'

DEPARTMENT OF TRANSPORTATION
 FEDERAL HIGHWAY ADMINISTRATION
 APPROVED: 
 DIVISION ADMINISTRATOR
 4.10.77
 DATE

DEPARTMENT OF TRANSPORTATION
 STATE OF HAWAII
 APPROVED: 
 DIR. OF TRANSPORTATION
 2/5/77
 DATE