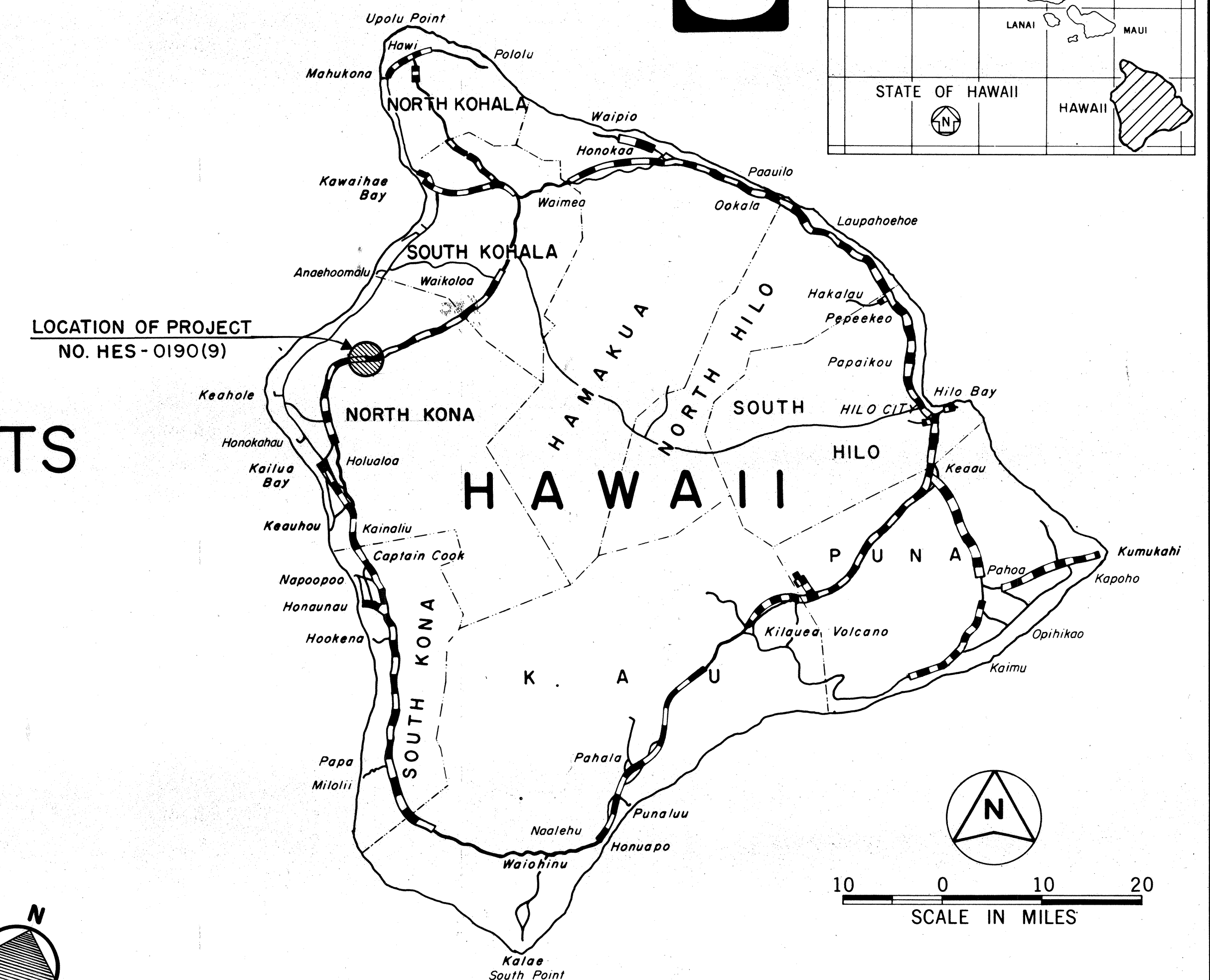
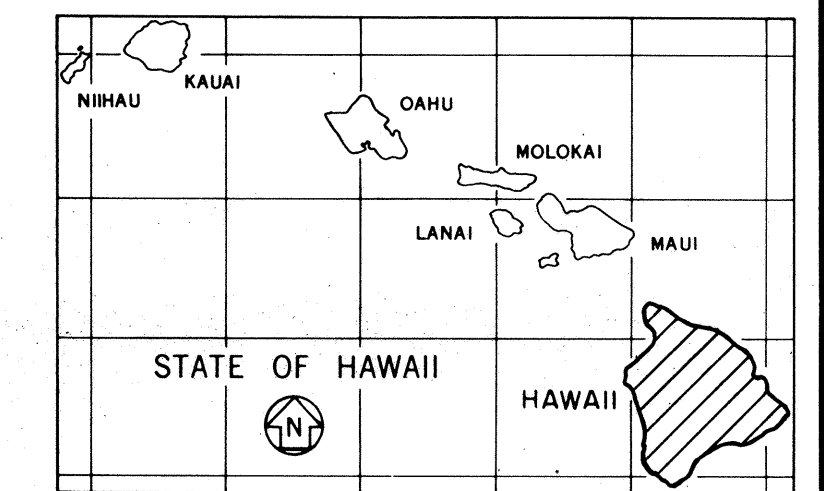



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
AS-BUILT
PLANS FOR

ROUTE 190, HAWAII BELT ROAD
GUARDRAIL AND SHOULDER IMPROVEMENTS
AT KAUPULEHU

FED. AID PROJECT NO. HES-0190(9)

DISTRICT OF NORTH KONA



 FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED
OR UNDER CONSTRUCTION

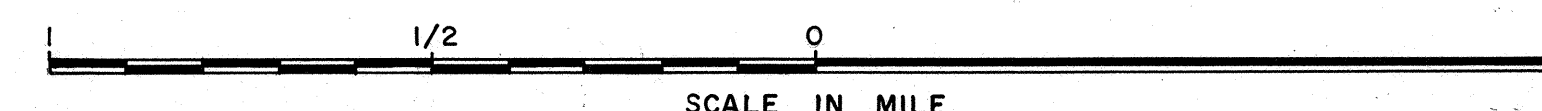
MILE POST 28.44 TO MILE POST 27.63

DESIGN DESIGNATION


ADT (1990)	1550
DESIGN ADT (2010)	2350
DHV	235
D	60/40
T	4.0 %
T ₂₄	5.5%
V	55 MPH

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.

LAYOUT OF PROJECT



Salvador C. Janen 2-8-93
RESIDENT ENGINEER DATE

DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION	
APPROVED: 	
DIVISION ADMINISTRATOR	5/18/81 DATE

DEPARTMENT OF TRANSPORTATION STATE OF HAWAII	
APPROVED: <u>Edmund Byrne</u> DIR. OF TRANSPORTATION	<u>5/16/90</u> DATE