FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-9(3)	1979	1	89

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL SECTION & DETAILS
3 - 8	PLAN AND PROFILE
9 - 14	SIDE ROAD CONNECTION DETAILS
15	MISCELLANEOUS DETAILS
16 - 18	WATERLINE RELOCATION PLAN
19 - 20	DRAINAGE DETAILS
21 - 27	SIGNS, STRIPING AND PAVEMENT MARKERS
28	LANDSCAPING
29 - 65	CROSS SECTIONS
66 - 89	STANDARD DETAILS

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

LAND TRANSPORTATION FACILITIES DIVISION

AS BUILT

PLANS FOR

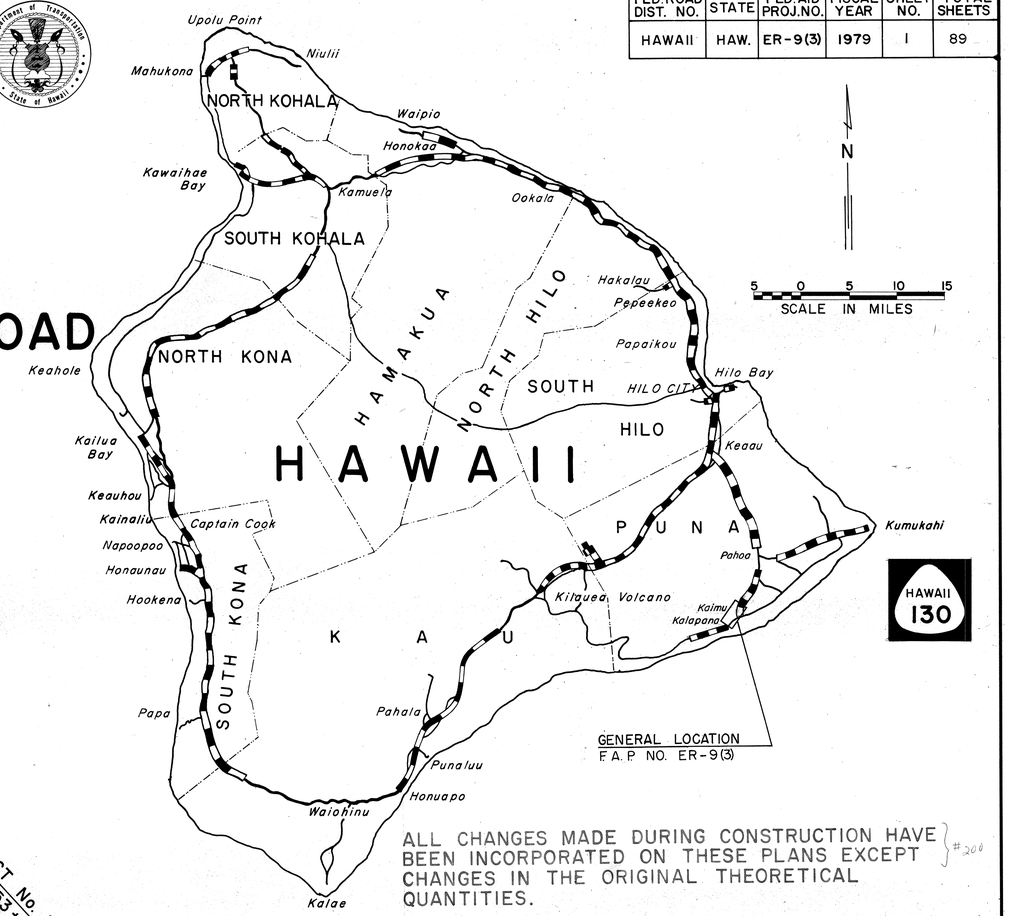
KAIMU - CHAIN OF CRATERS ROAD

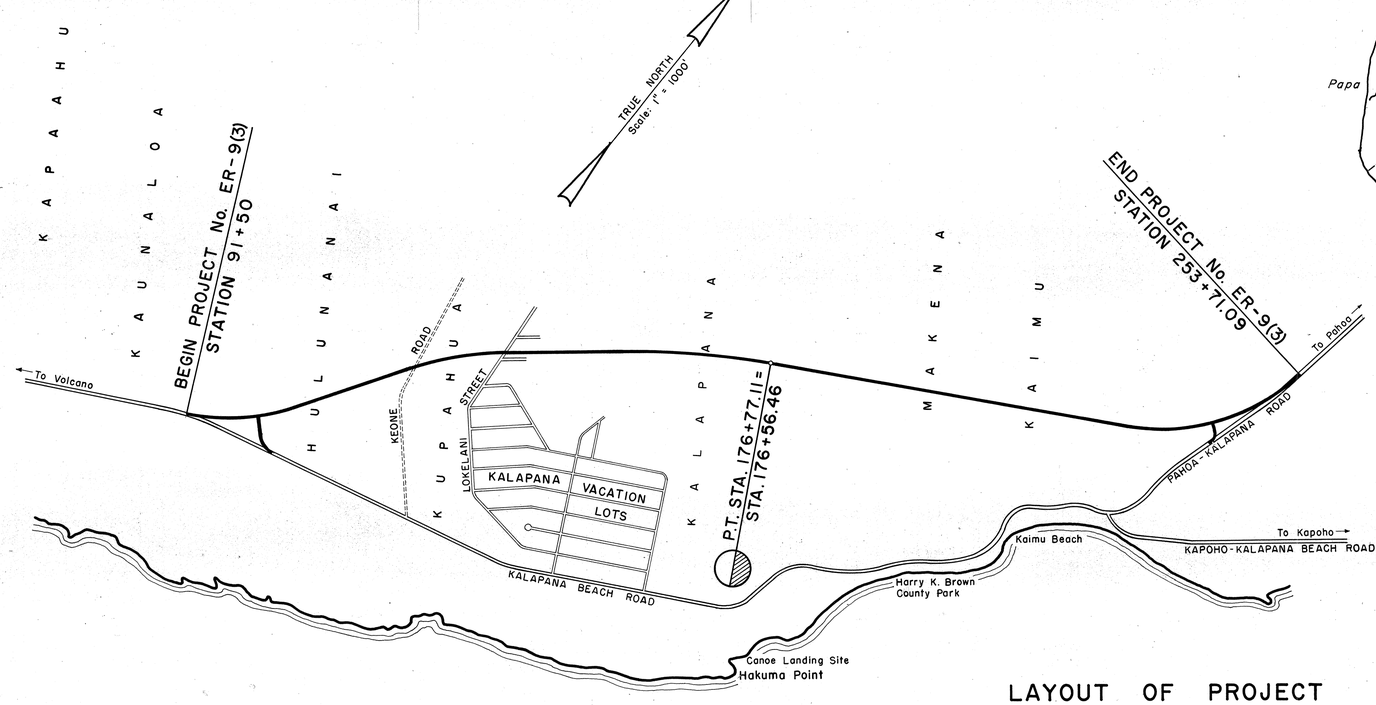
FEDERAL AID PROJECT NO. ER-9(3)

DISTRICT OF PUNA

ISLAND OF HAWAII

CONTRACTOR: YAMADA & SONS, INC.
CONTRACT NO.: 4-79-003
UTILITY AGREEMENTS: DEPT. OF WATER SUPPLY: #666
HAWAIIAN TELEPHONE : #667





LAYOUT OF PROJECT

LENGTH OF PROJECT 3.076 Miles

ALL CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. #200

Bruce C. McClure — PROJECT ENGINEER — 7/8/80 DATE

Federal Aid Projects Previously Constructed Or Under Construction

DESIGN CLASSIFICATION

	Existing Road	Realignment
Current ADT (1979)	470	320
Interim ADT (1989)	650	440
Design ADT (1999)	830	560
DHV	120	80
D	55/45	55/45
T_{24}	6.0%	6.0%
V		60 M.P.H.

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED:
for DIVISION ADMINISTRATOR — 9/22/78 DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:
Ryokichi Higashionna — 8/14/78
DIR. OF TRANSPORTATION DATE

HAWAII DISTRICT — DESIGNED BY
D. BEVIER — P.S.&E. BY
548-7537 — PHONE
AUG. 14, 1978 — DATE

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