FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	ER-21(005)	2021	1	23

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLANS SUMMARY
3	GENERAL NOTES AND LEGEND
4–6	WATER POLLUTION & EROSION CONTROL NOTES
7	TYPICAL SECTION & DETAILS
8–13	GUARDRAIL DETAILS
14–15	ROADWAY PLAN & PROFILE (1), (2)
16	PAVEMENT MARKING PLAN
17	TRAFFIC NOTES
18–19	TRAFFIC CONTROL PLANS
20	HIGH SPEED UNDIVIDED HWY WORK ZONE
21–23	ROADWAY CROSS SECTIONS

SHEET NOS. (1) 14 S-1 AND (2) 15 S-1 ARE SUPPLEMENTARY SHEETS TO THIS PROJECT. TOTAL SHEET COUNT AFTER "AS-BUILT" POSTING 25 SHEETS.

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.

RESIDENT ENGINEER

June 20, 2024
DATE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

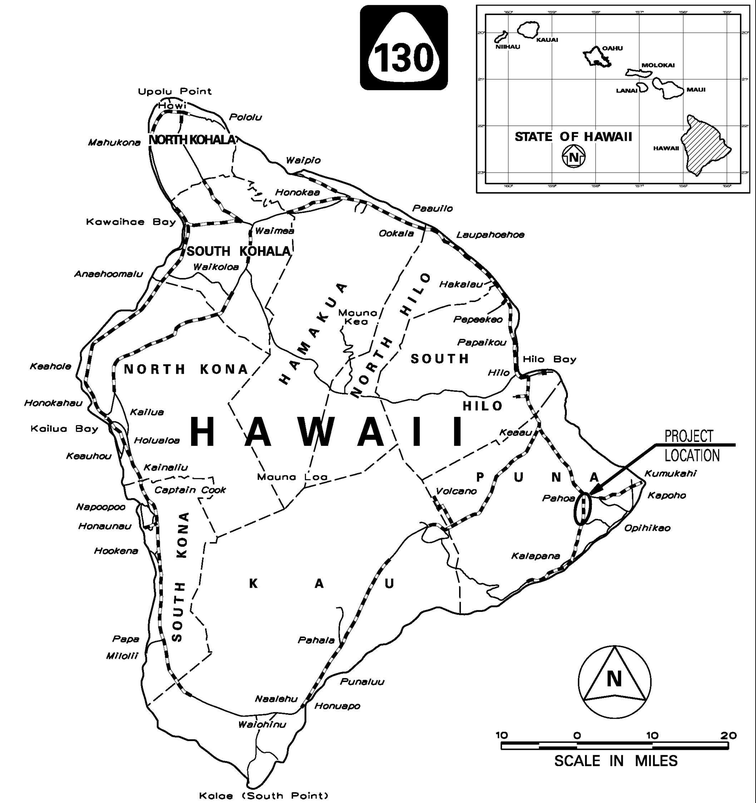
HIGHWAYS DIVISION
HONOLULU, HAWAII

"AS-BUILT"
PLANS FOR

PAHOA–KALAPANA ROAD 2018 KILAUEA ERUPTION PERMANENT REPAIRS

FEDERAL AID PROJECT NO. ER-21(005)

DISTRICT OF PUNA
ISLAND OF HAWAII

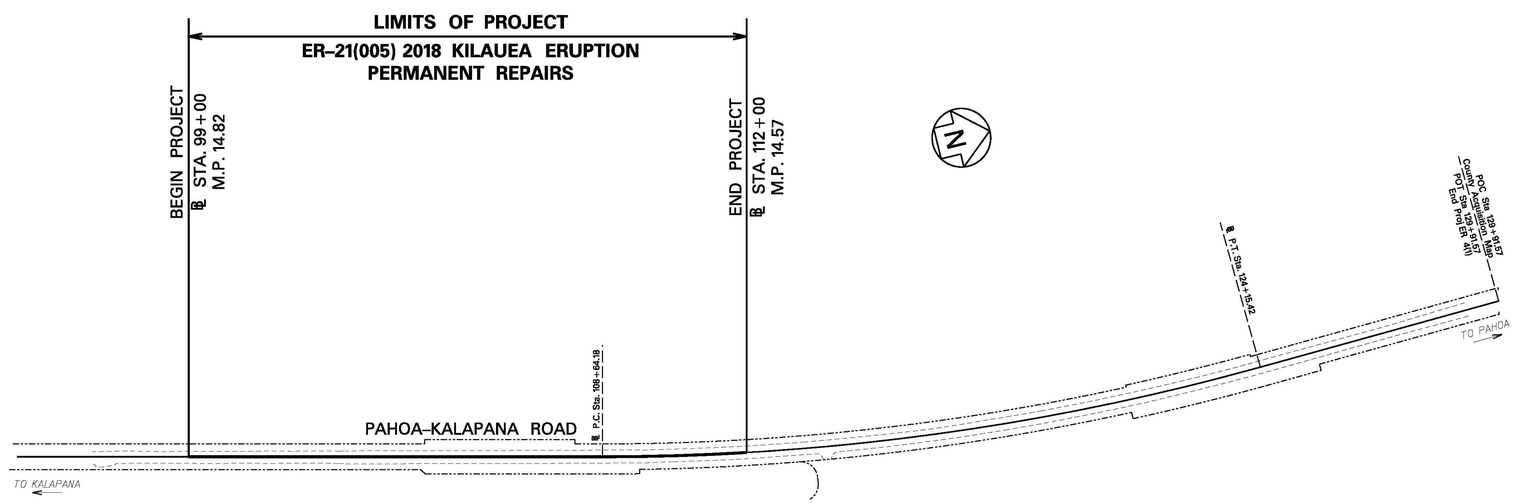


FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

MILE POST 14.57 TO MILE POST 14.82

DESIGN DESIGNATION

ADT (2020)	8,000
ADT (2030)	9,400
DHV (2030)	850
DHV (2040)	970
K	9.0
D	55/45
T	5.5%
T_{24}	6.5%
V	45 MPH



1 0 1 2 3
SCALE IN HUNDRED FEET

LAYOUT PLAN

GROSS LENGTH OF PROJECT..... 0.25 MILES
NET LENGTH OF PROJECT..... 0.25 MILES

Okahara and Assc., Inc. — DESIGNED BY
HWY-H — MANAGED BY
933-8866 — PHONE
Aug 2021 — DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:
DIR. OF TRANSPORTATION — DATE