FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0190(018)	2022	1	70

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLAN SUMMARY
3–4	GENERAL NOTES
5–7	WATER POLLUTION & EROSION CONTROL NOTES
8	TYPICAL SECTIONS AND DETAILS
9–15	GUARDRAIL DETAILS
16–36	ROADWAY PLANS
37	STRIPING NOTES AND DETAILS
38–41	SIGN SCHEDULE
42–43	MISCELLANEOUS SCHEDULES
44	GALVANIZED SQUARE TUBE SIGN POST MOUNTING
45–46	MILLED EDGE RUMBLE STRIP DETAILS
47	TRAFFIC CONTROL NOTES AND DETAILS
48	HIGH SPEED WORK ZONE TRAFFIC CONTROL
49	EROSION CONTROL DETAILS
50–70	EROSION AND SEDIMENT CONTROL PLAN

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 — DATE: June 20, 2024

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

HONOLULU, HAWAII

"AS-BUILT"

PLANS FOR

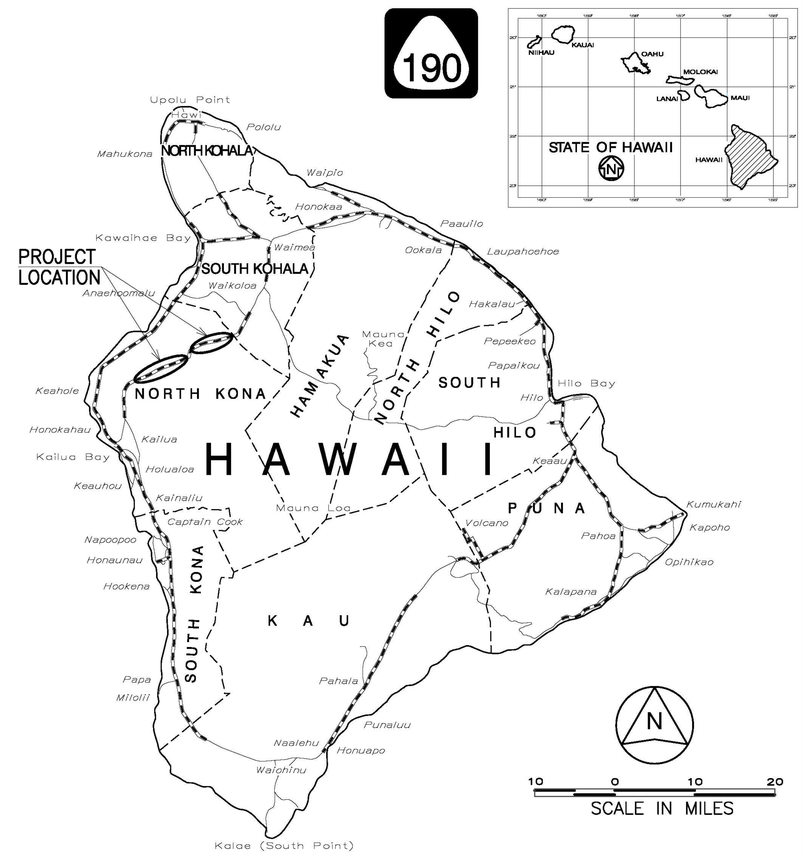
MAMALAHOA HIGHWAY SAFETY IMPROVEMENTS

EAST AND WEST OF PUUWAAWAA RANCH

FEDERAL AID PROJECT NO. HSIP-0190(018)

DISTRICT OF NORTH KONA

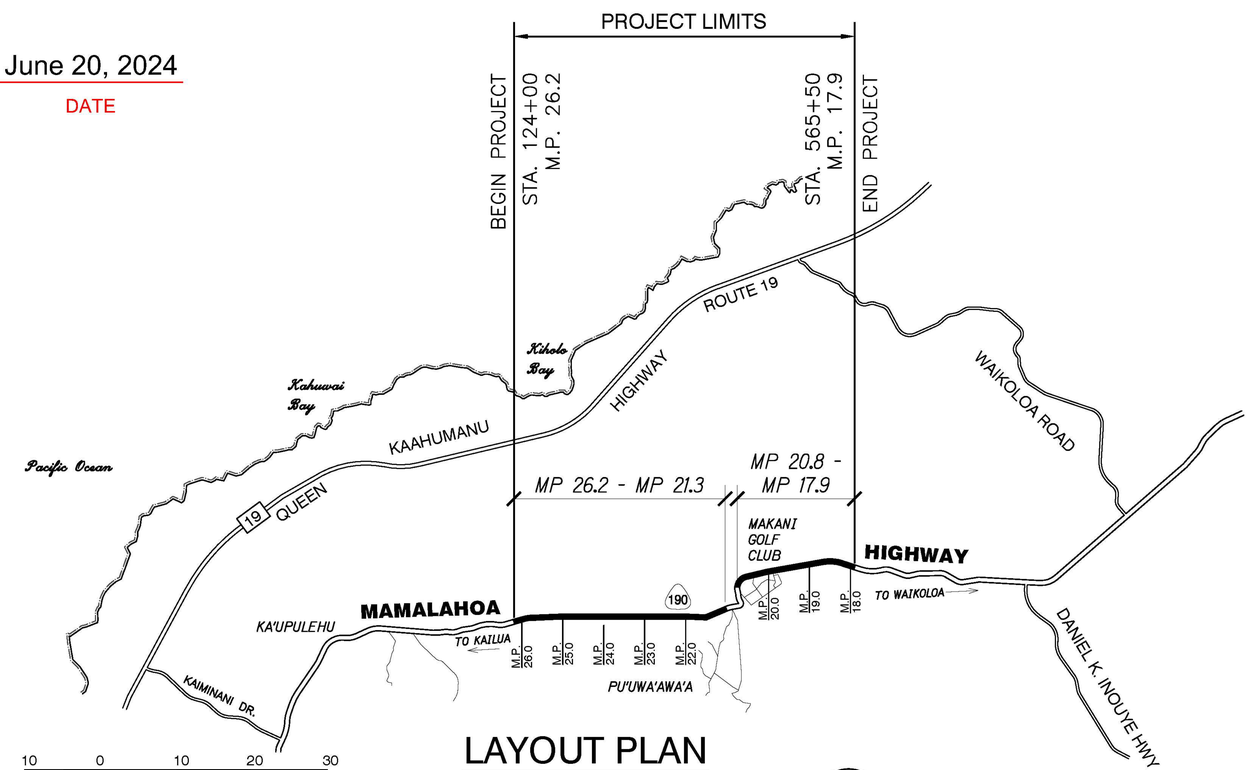
ISLAND OF HAWAII



FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

MILE POST 17.9 TO MILE POST 20.8

MILE POST 21.3 TO MILE POST 26.2



LAYOUT PLAN

GROSS LENGTH OF PROJECT. . . . . .8.3 MILES

NET LENGTH OF PROJECT. . . . . 7.8 MILES

DESIGN DESIGNATION

ADT (2021)	6,800
ADT (2041)	10,000
DHV (2041)	900
K	9.0
D	55/45
T	5.5
T_{24}	6.0
V	45/60

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

APPROVED:

Jun 23, 2022

DIR. OF TRANSPORTATION — DATE

OKAHARA & ASSOCIATES, INC. — DESIGNED BY

HWY–TD — MANAGED BY

692–7682 — PHONE

JULY 2022 — DATE