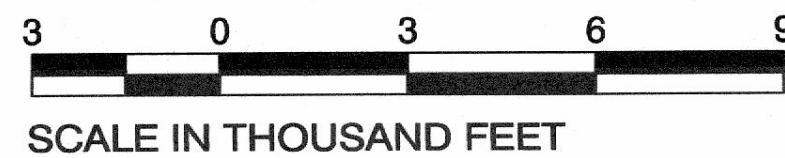
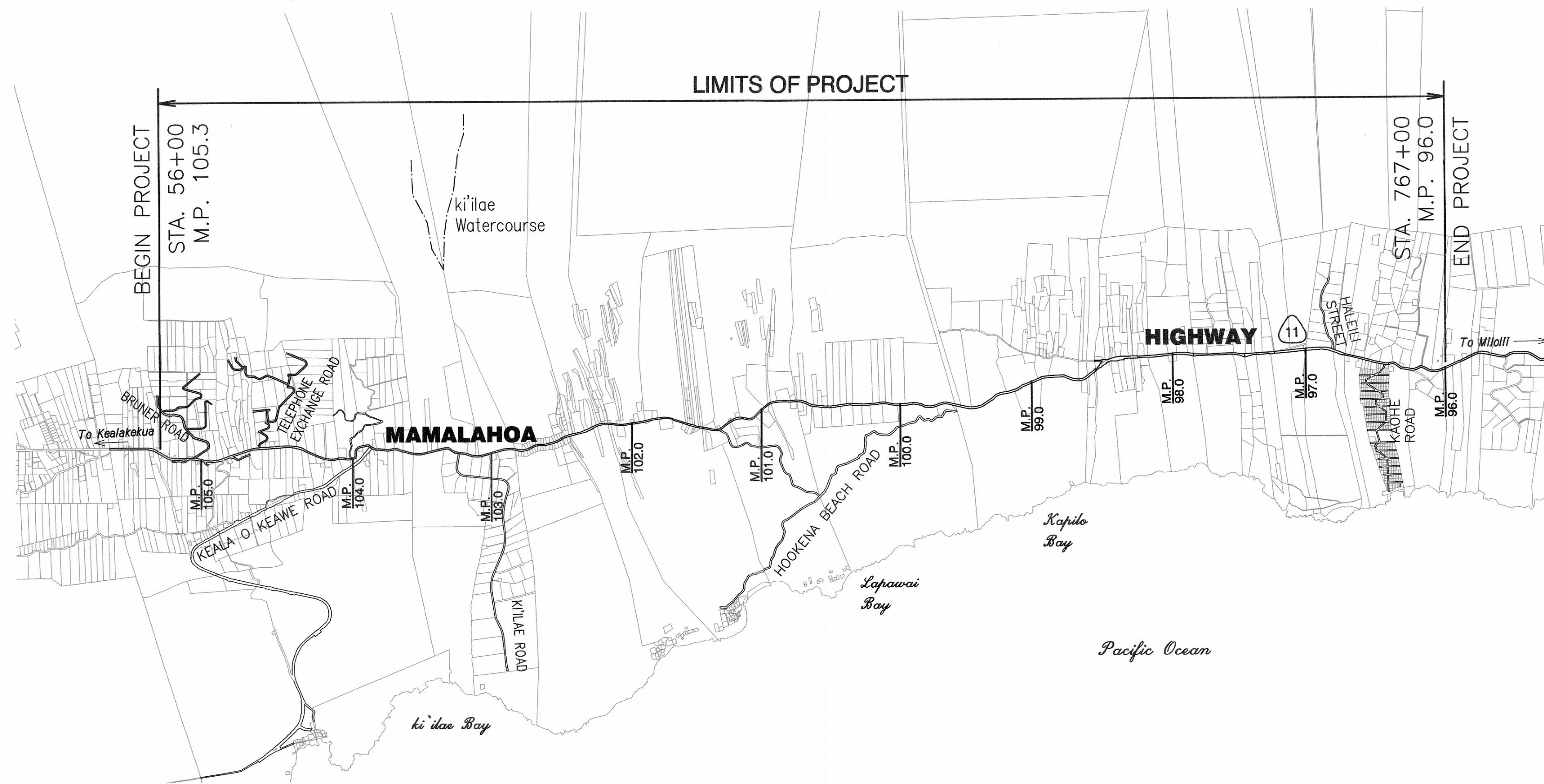


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLAN SUMMARY
3-4	GENERAL NOTES
5-7	WATER POLLUTION & EROSION CONTROL NOTES
8 - 9	TYPICAL SECTIONS AND DETAILS
10 - 11	DRYWELL DETAILS
12 - 14	GUARDRAIL DETAILS
15 - 40	ROADWAY PLAN
41 - 42	DRAINAGE PLAN
43 - 45	ROADWAY RECONSTRUCTION PLAN
46	STRIPING NOTES AND DETAILS
47 - 72	SIGNING AND STRIPING PLAN
73 - 80	SIGN SCHEDULE
81	MISCELLANEOUS SCHEDULES
82	GALVANIZED SQUARE TUBE SIGN POST MOUNTING
83 - 85	MILLED RUMBLE STRIP DETAILS
86 - 87	TRAFFIC CONTROL NOTES AND DETAILS
88	EROSION CONTROL DETAILS
89 - 114	EROSION AND SEDIMENT CONTROL PLAN

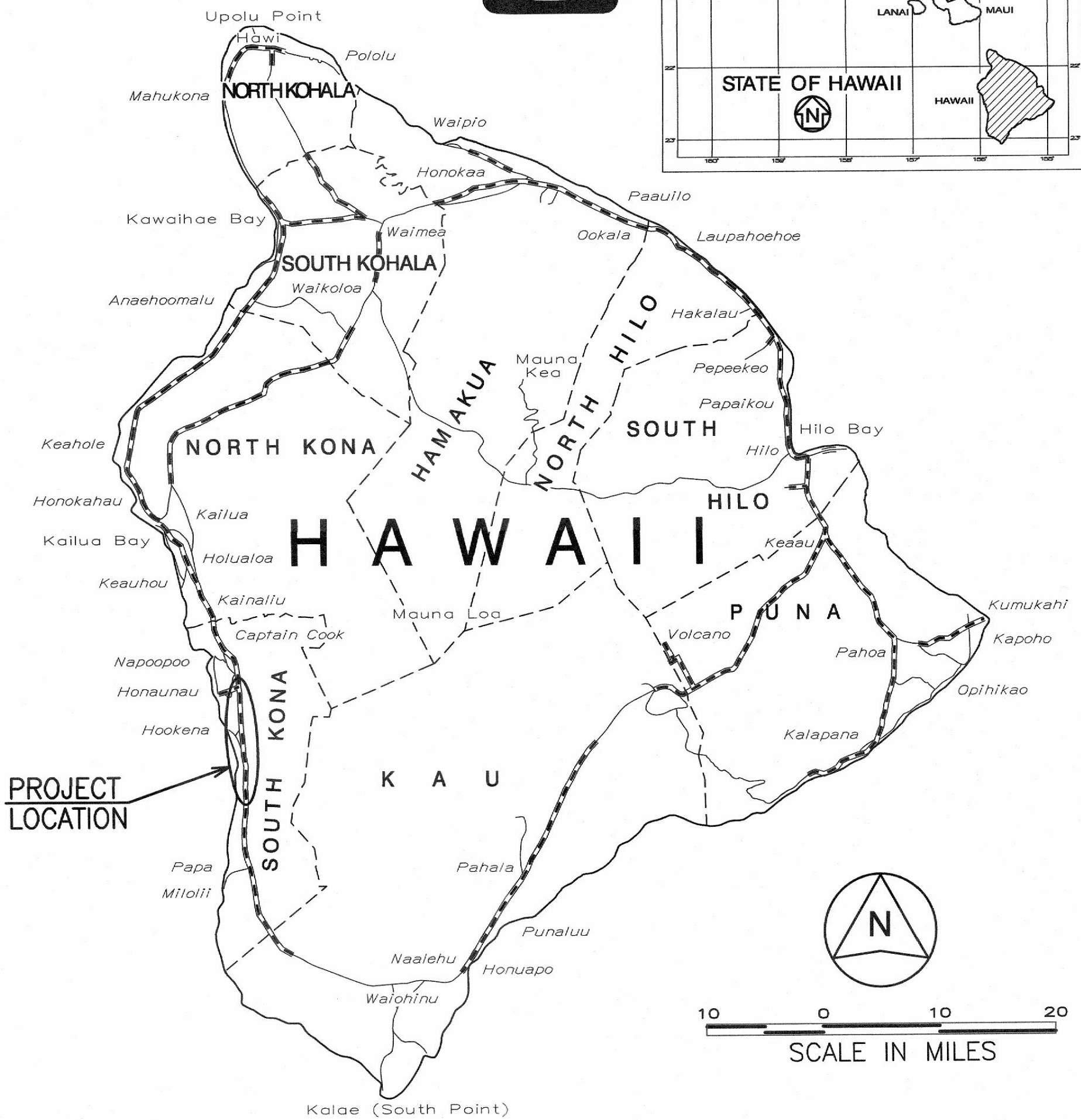
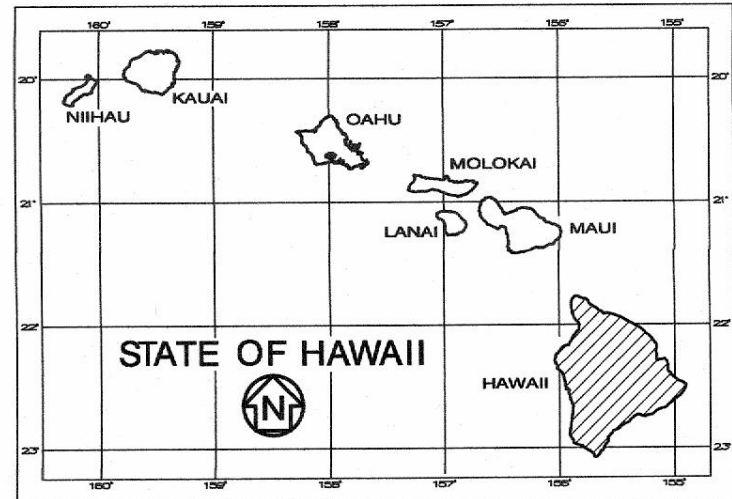
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII

PLANS FOR
**MAMALAHOA HIGHWAY
SAFETY IMPROVEMENTS**
VICINITY OF HALEILI STREET AND BRUNER ROAD
FEDERAL-AID PROJECT NO. HSIP-011-1(045)
DISTRICT OF SOUTH KONA
ISLAND OF HAWAII



LAYOUT PLAN
LENGTH OF PROJECT 9.3 MILES

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-011-1(045)	2023	1	114



----- FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION
MILE POST 96.0 TO MILE POST 105.3

	MP 96.00 - 103.41	MP 103.41 - 105.40
ADT (2021)	7,000	8,600
ADT (2041)	8,900	11,000
DHV (2041)	760	940
K	8.5	8.5
D	60/40	60/40
T	4.0%	4.0%
T ₂₄	4.0%	4.0%
V	40 MPH	40 MPH

APPROVED:
[Signature] 7/7/23
MANAGER-CHIEF ENGINEER, DWS (SM) DATE
(For work affecting DWS facilities in State R/W and DWS easements only)

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:
[Signature] Sep 18, 2023
DIR. OF TRANSPORTATION DATE