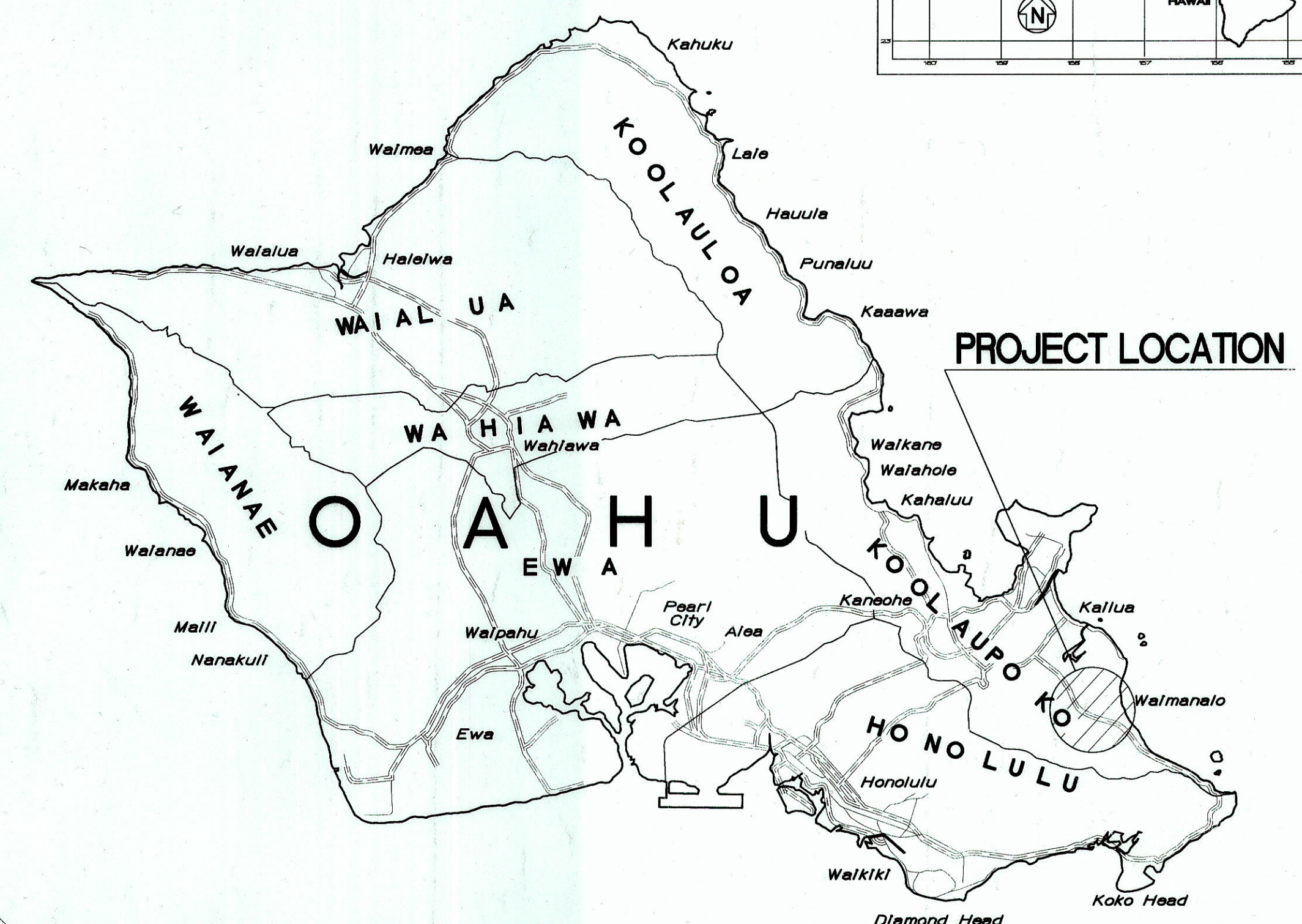
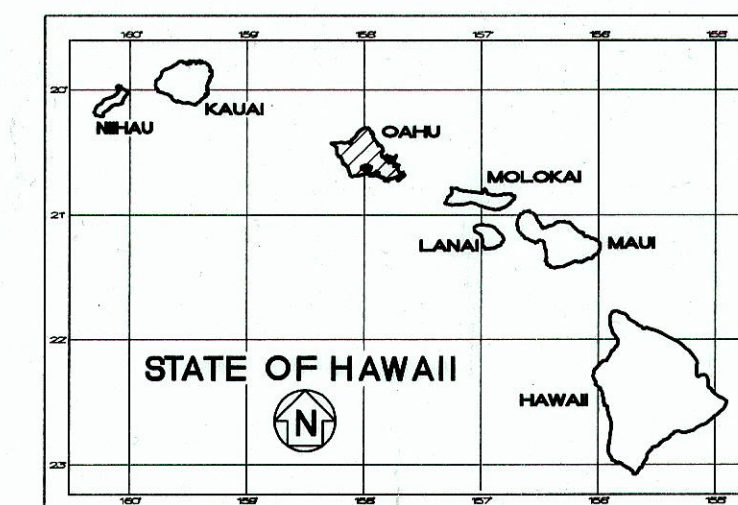


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-072-1(53)	2015	1	117



4 0 4

SCALE IN MILES

MILE POST 2.51 TO MILE POST 3.22

INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	STANDARD PLANS SUMMARY
3 - 5	GENERAL CONSTRUCTION NOTES
6	LEGENDS AND ABBREVIATIONS
7 - 9	WATER POLLUTION AND EROSION CONTROL NOTES
10 - 14	TYPICAL SECTIONS
15 - 17	CURB RAMP DETAILS
18	GUARDRAIL DETAILS AND NOTES
19	STRONG POST W-BEAM GUARDRAIL
20	GUARDRAIL TERMINAL CONNECTORS AND END SECTIONS
21	STRONG POST THRIE-BEAM GUARDRAIL
22	GUARDRAIL DETAILS TYPE G FLARE END TERMINAL
23	SKT-S-TL2-2 SEQUENTIAL KINKING TERMINAL
24	RUBRAIL DETAILS
25	DOUBLE NESTED W-BEAM & THRIE-BEAM GUARDRAIL DETAILS
26 - 27	DEMOLITION AND EROSION CONTROL PLANS
28	EROSION CONTROL DETAILS
29 - 32	CIVIL DETAILS
33 - 40	ROADWAY PLANS
41 - 48	HIGHWAY PLAN AND PROFILE
49 - 51	INTERSECTION LAYOUT PLAN
52	DRAIN LINE PROFILES
53	WATER LINE PROFILES
54- 57	TRAFFIC CONTROL PLANS
58	UNDIVIDED HIGHWAY WORK ZONE SIGNING PLAN, NOTES AND DETAILS
59	SIGNING AND PAVEMENT MARKING LEGEND AND NOTES
60 - 67	STRIPING AND SIGNAGE PLANS
68	STRIPING AND SIGNAGE SUMMARY
69 - 81	ELECTRICAL PLANS
82 - 98	LANDSCAPING PLANS
99 - 107	STRUCTURAL PLANS
108 - 110	CONSTRUCTION PARCEL PLANS
111 - 117	ROAD CROSS SECTIONS

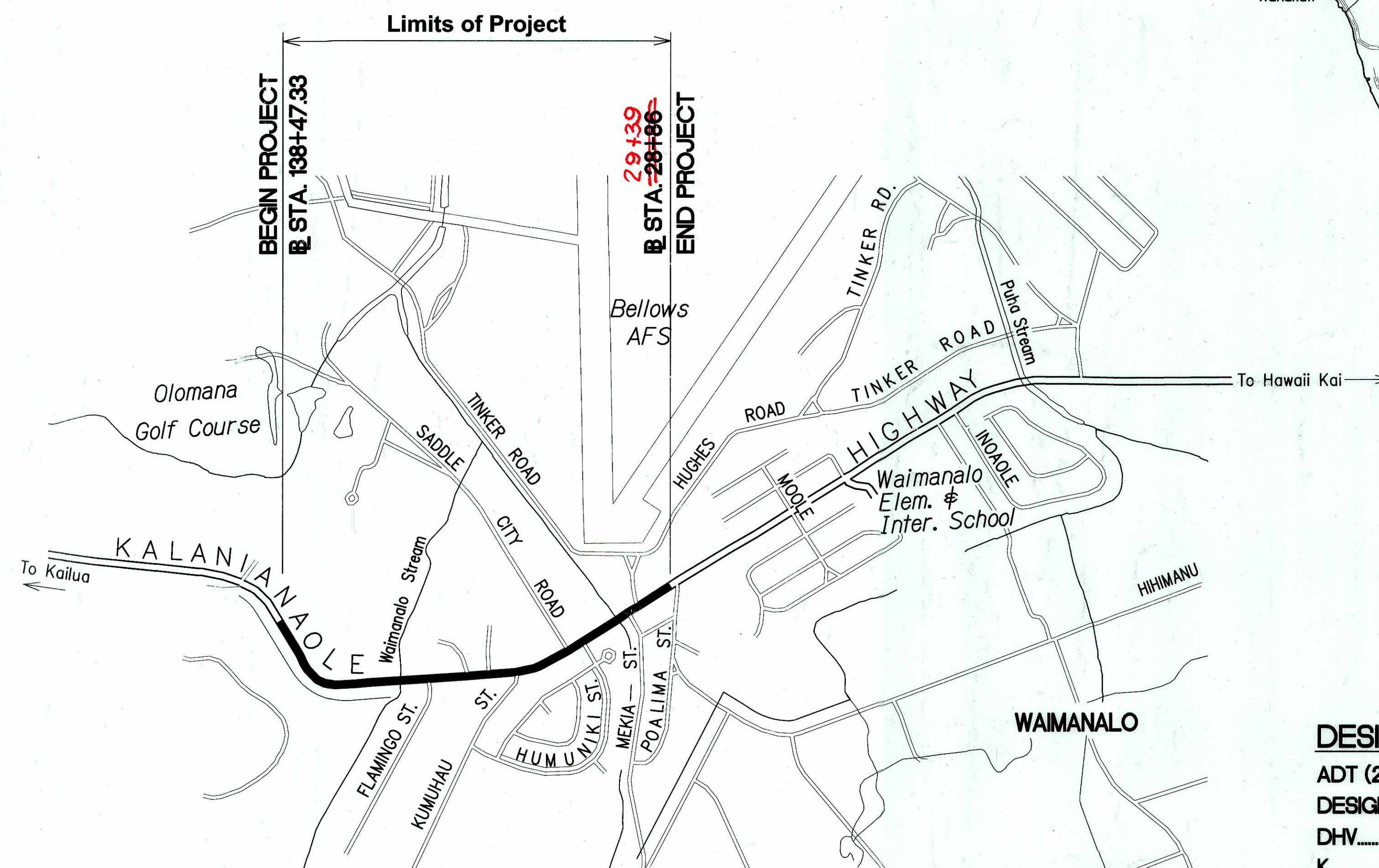
STATE OF HAWAII

## "AS-BUILT"

## PLANS FOR

# KALANIANA'OLE HIGHWAY IMPROVEMENTS, PHASE 1

DISTRICT OF KOOLAUPOKO  
ISLAND OF OAHU



## LAYOUT PLAN

**GROSS LENGTH OF PROJECT.....0.71 MILES**

## DESIGN DESIGNATION

ADT (2014).....	25,400
DESIGN ADT (2024).....	29,200
DHV.....	2,340
K.....	8.0
D.....	55/45
T.....	3.5 %
T <sub>24</sub> .....	4.0 %
V.....	35 M.P.H.

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.

Marvin C. H. Ludfield Z-17-2021  
RESIDENT ENGINEER DATE

# DEPARTMENT OF TRANSPORTATION STATE OF HAWAII

APPROVED: Raymond L. McCombs 8/6/68  
DIR. OF TRANSPORTATION DATE