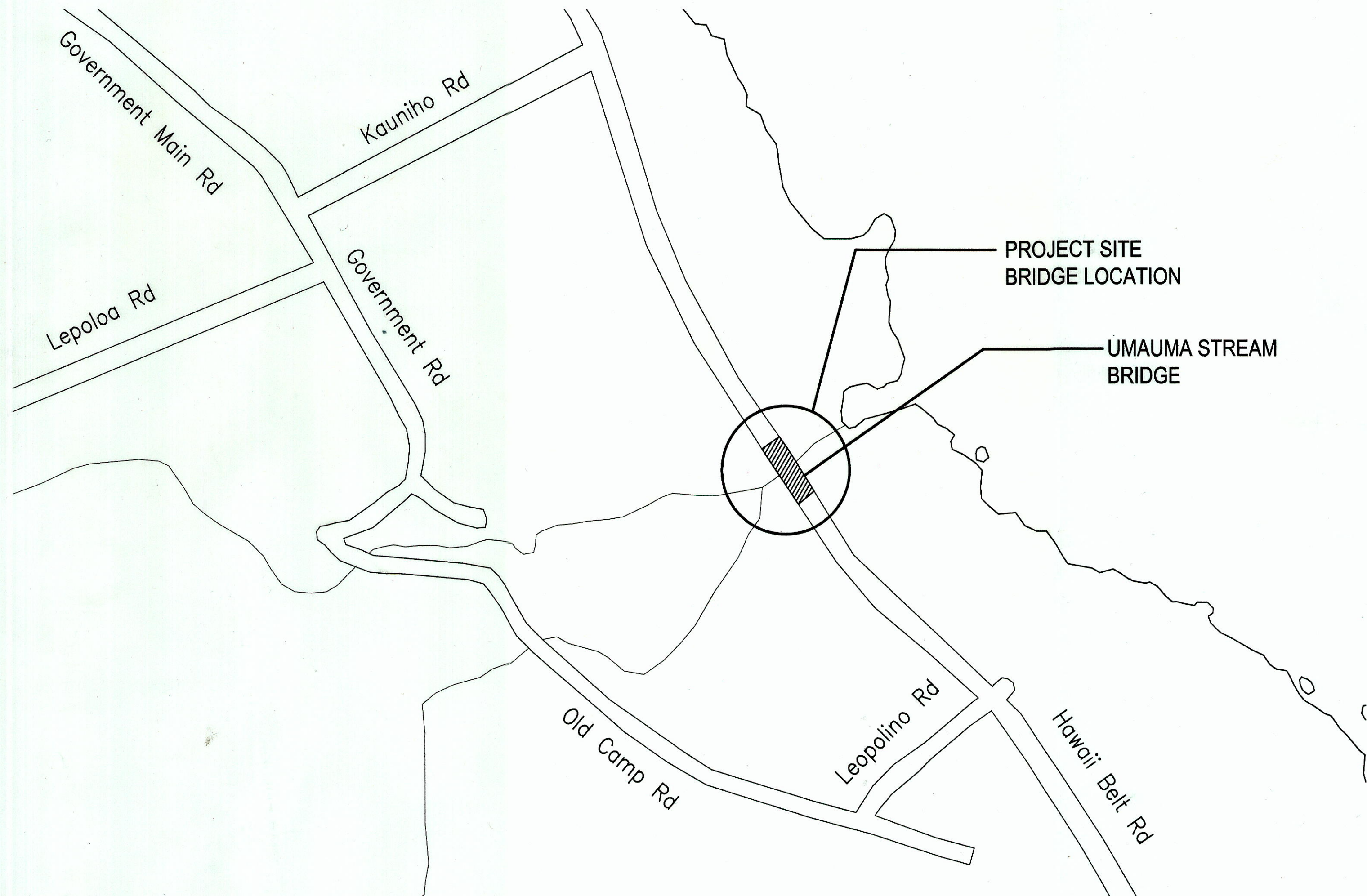


INDEX TO DRAWINGS	
SHEET NO.	DESCRIPTION
1	TITLE SHEET
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5	LOCATION PLAN
6 - 7	TOPOGRAPHIC MAPS
8 - 15	BORING LOGS AND LEGEND
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28 - 30	GRADING AND EROSION CONTROL
31	STRIPING AND SIGNAGE PLAN
32 - 34	TRAFFIC CONTROL PLANS
35-137	STRUCTURAL DRAWINGS

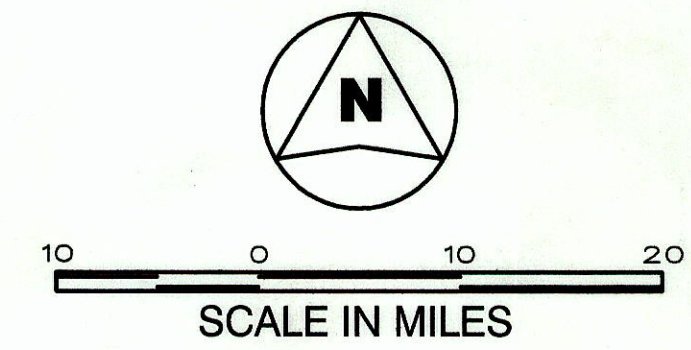
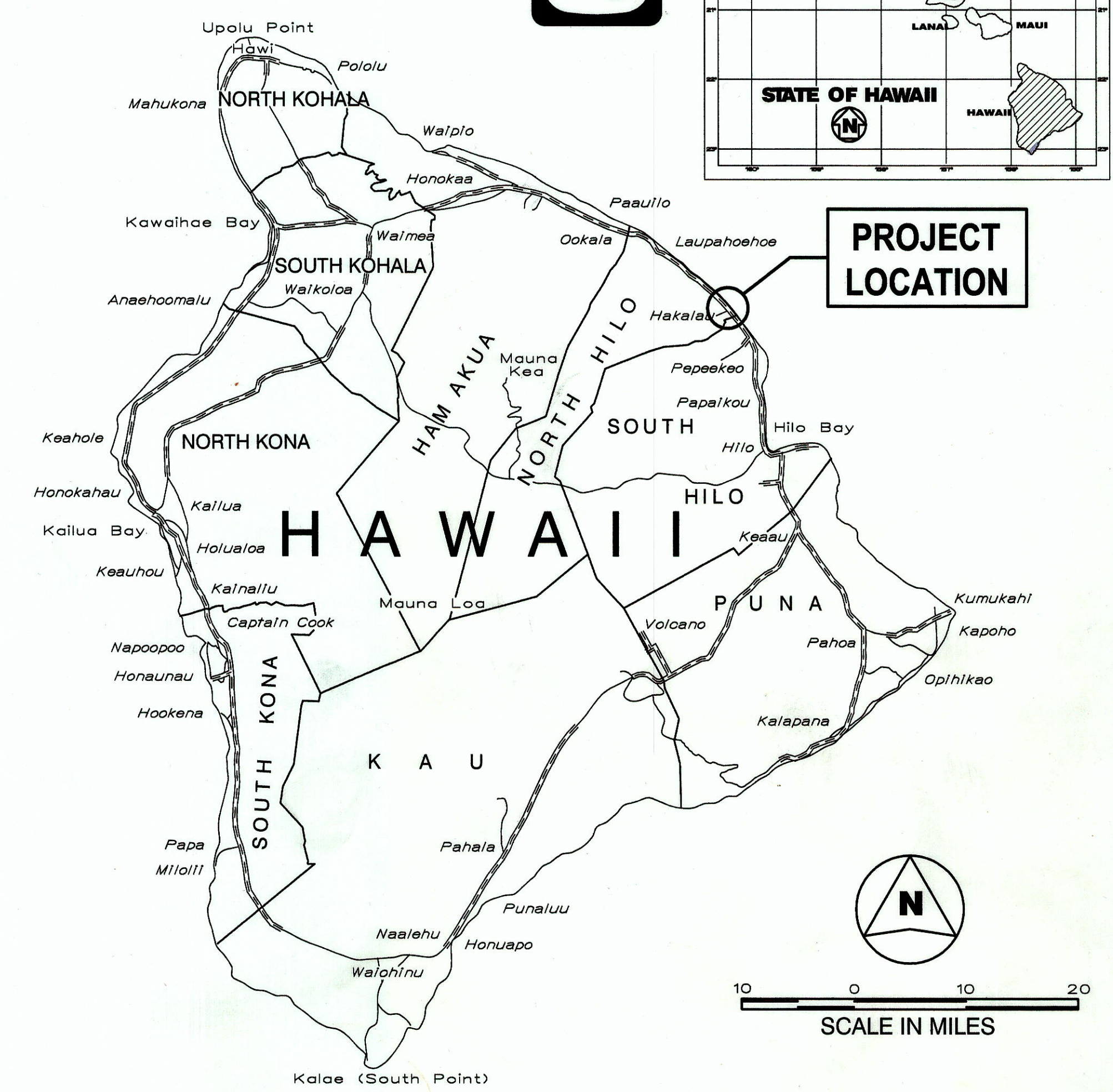
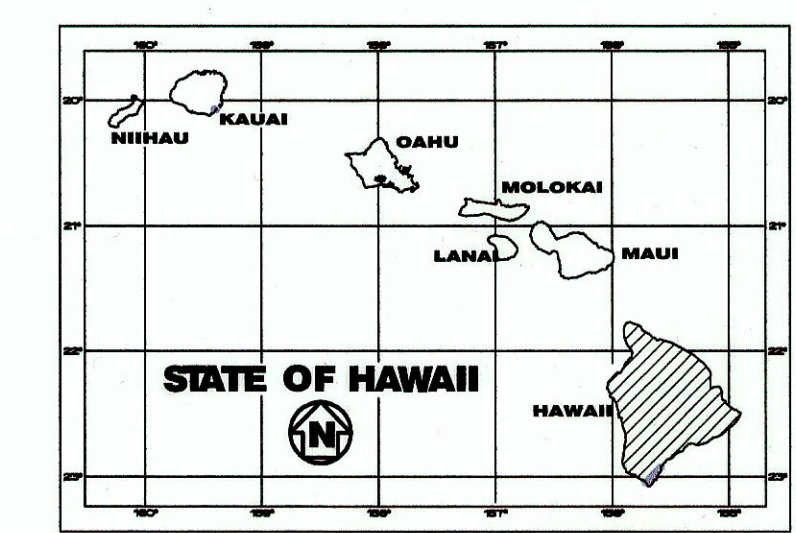
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
HONOLULU, HAWAII
"AS-BUILT"
PLANS FOR
HAWAII BELT ROAD
REHABILITATION OF UMAUMA STREAM BRIDGE
FEDERAL AID PROJECT NO. BR-019-2(61)
DISTRICT OF NORTH HILO
ISLAND OF HAWAII



NORTH

VICINITY MAP
NOT TO SCALE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-019-2(61)	2012	1	137



----- FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

UMAUMA STREAM BRIDGE MILE POST 15.80 TO MILE POST 16.30

DESIGN DESIGNATION

ADT (2011)	8,100
ADT (2013)	11,300
DHV	960
D	55/45
T	6.5%
V	60 mph

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.

[Signature] 1/7/12
RESIDENT ENGINEER DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:
[Signature] 9/06/12
for DIR. OF TRANSPORTATION DATE

DESIGNED BY NAGAMINE OKAWA ENGINEERS INC.
MANAGED BY HWY-DS
PHONE 692-7544
DATE JULY 25, 2012