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GKO & ASSOCIATES
DESIGNED BY

EMILIO BARROGA
P.S. & E. BY

587-2123
PHONE

SEPT, 1997
DATE

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

HONOLULU, HAWAII

"AS-BUILT"

PLANS FOR

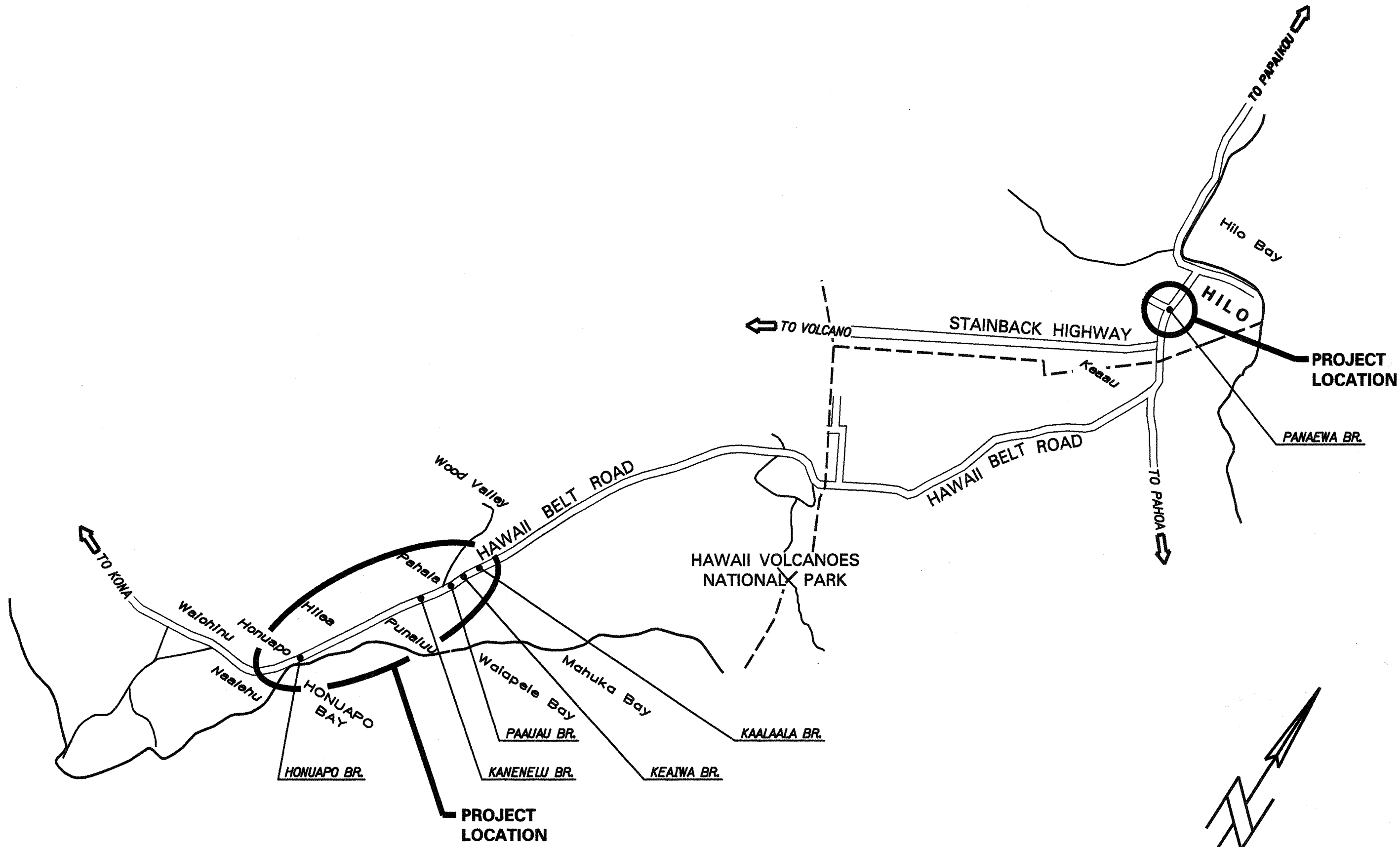
SEISMIC RETROFIT OF VARIOUS BRIDGES

VICINITY OF PUNALUU

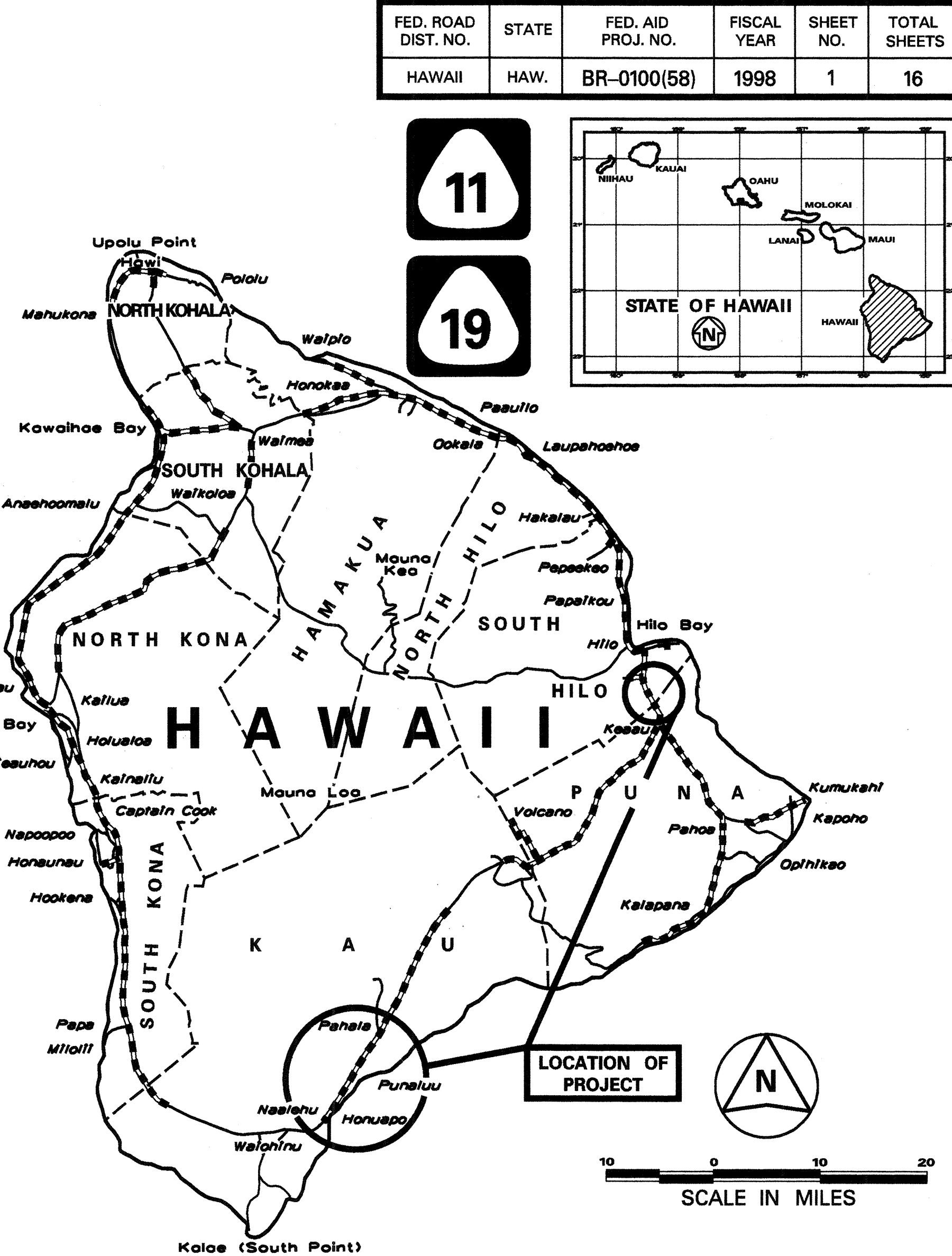
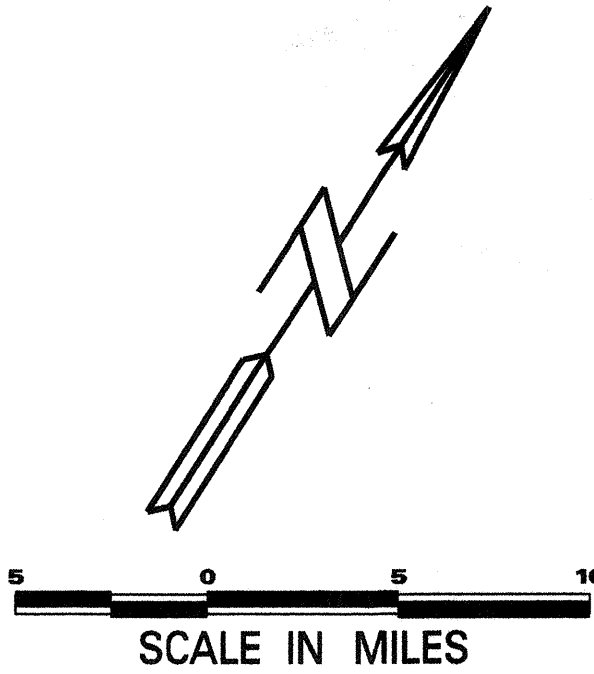
FEDERAL AID PROJ. NO. BR-0100(58)

DISTRICTS OF KAU AND SOUTH HILO

ISLAND OF HAWAII



LAYOUT PLAN



HONUAPU OVERPASS	MILE POST <u>60.61</u> TO MILE POST <u>60.62</u>
KAALAALA BRIDGE	MILE POST <u>49.83</u> TO MILE POST <u>49.84</u>
KANENELU BRIDGE	MILE POST <u>53.46</u> TO MILE POST <u>53.47</u>
KEAIWA BRIDGE	MILE POST <u>50.35</u> TO MILE POST <u>50.37</u>
PAAUAU BRIDGE	MILE POST <u>51.33</u> TO MILE POST <u>51.34</u>
PANAWEA BRIDGE	MILE POST <u>3.28</u> TO MILE POST <u>3.30</u>

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.

Salvador Sanchez 5/2/02
PROJECT ENGINEER DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII

APPROVED:
Glenn M. Oakes 12-18-97
DIR. OF TRANSPORTATION DATE