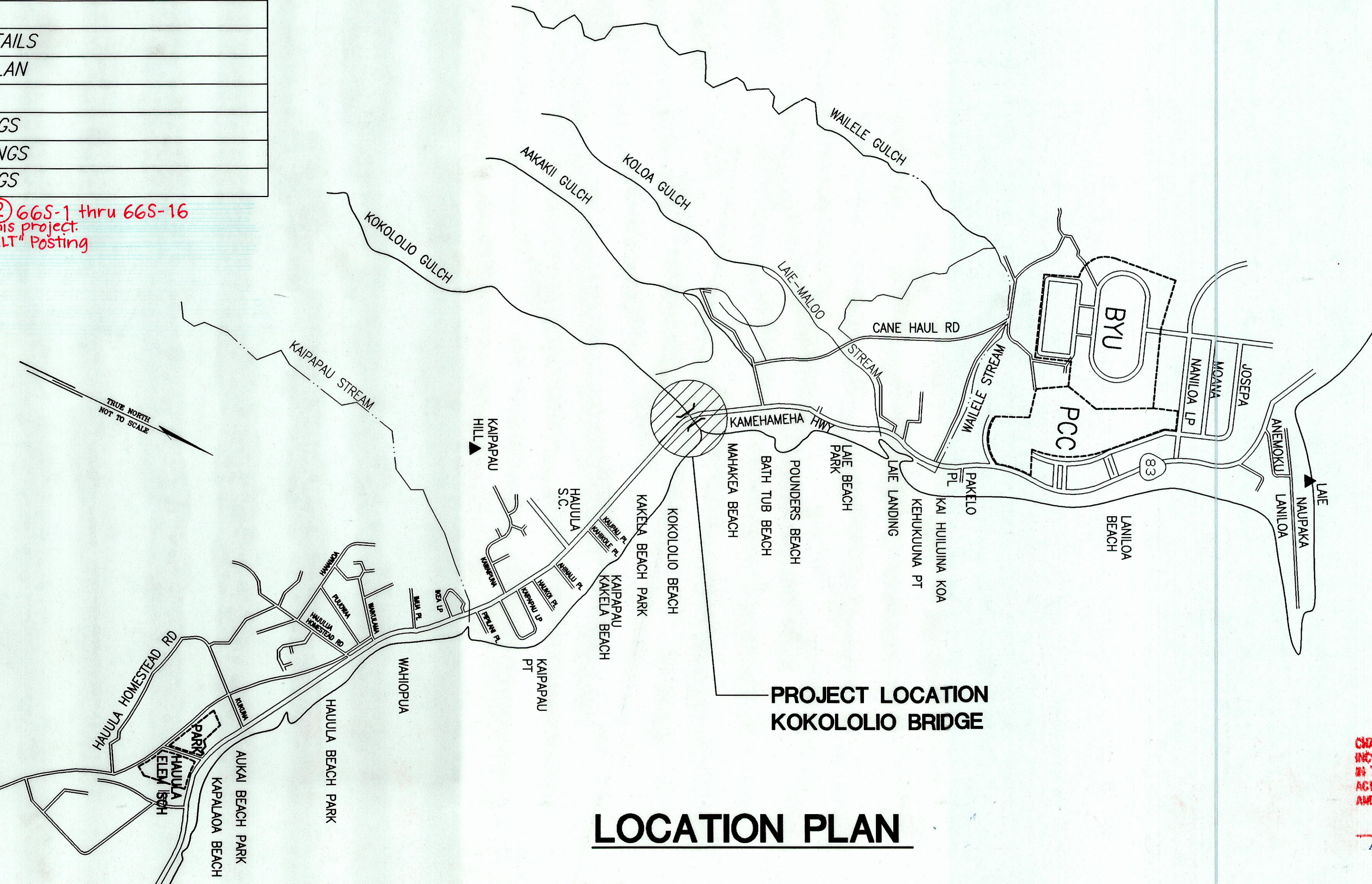


| INDEX TO DRAWINGS |                                            |
|-------------------|--------------------------------------------|
| SHEET NO.         | DESCRIPTION                                |
| 1                 | TITLE SHEET                                |
| 2                 | STANDARD PLANS SUMMARY                     |
| 3                 | GENERAL NOTES-1 AND LEGEND                 |
| 4                 | GENERAL NOTES-2                            |
| 5                 | WATER POLLUTION & EROSION CONTROL NOTES    |
| 6                 | PAVEMENT MARKINGS, LEGEND, DETAILS & NOTES |
| 7-8               | TYPICAL SECTIONS                           |
| 9                 | GENERAL SITE PLAN                          |
| 10                | DEMOLITION PLAN                            |
| 11-14             | SITE PLANS                                 |
| 15-16             | KAMEHAMEHA HIGHWAY BRIDGE PLAN             |
| ① 17              | PROFILE - KAMEHAMEHA HIGHWAY               |
| 18                | UTILITY PLAN                               |
| 19-20             | DETOUR ROAD DRAINAGE AND GRADING PLAN      |
| 18                | KOKOLOLIO BRIDGE DRAINAGE AND GRADING PLAN |
| 21                | DETOUR ROAD TRAFFIC CONTROL PLAN           |
| 22                | DRAINAGE CULVERTS PROFILES                 |
| 23-26             | KAMEHAMEHA HWY CROSS SECTIONS              |
| 27-29             | DETOUR ROAD CROSS SECTIONS                 |
| 30                | DRAINAGE DETAILS                           |
| 31-33             | BARRIER DETAILS                            |
| 34-42             | GUARDRAIL DETAILS                          |
| 43                | MISCELLANEOUS DETAILS                      |
| 44                | BORING LOG SITE PLAN                       |
| 45-51             | BORING LOGS                                |
| 52-53             | LANDSCAPE DRAWINGS                         |
| ② 54-66           | STRUCTURAL DRAWINGS                        |
| 67-81             | ELECTRICAL DRAWINGS                        |

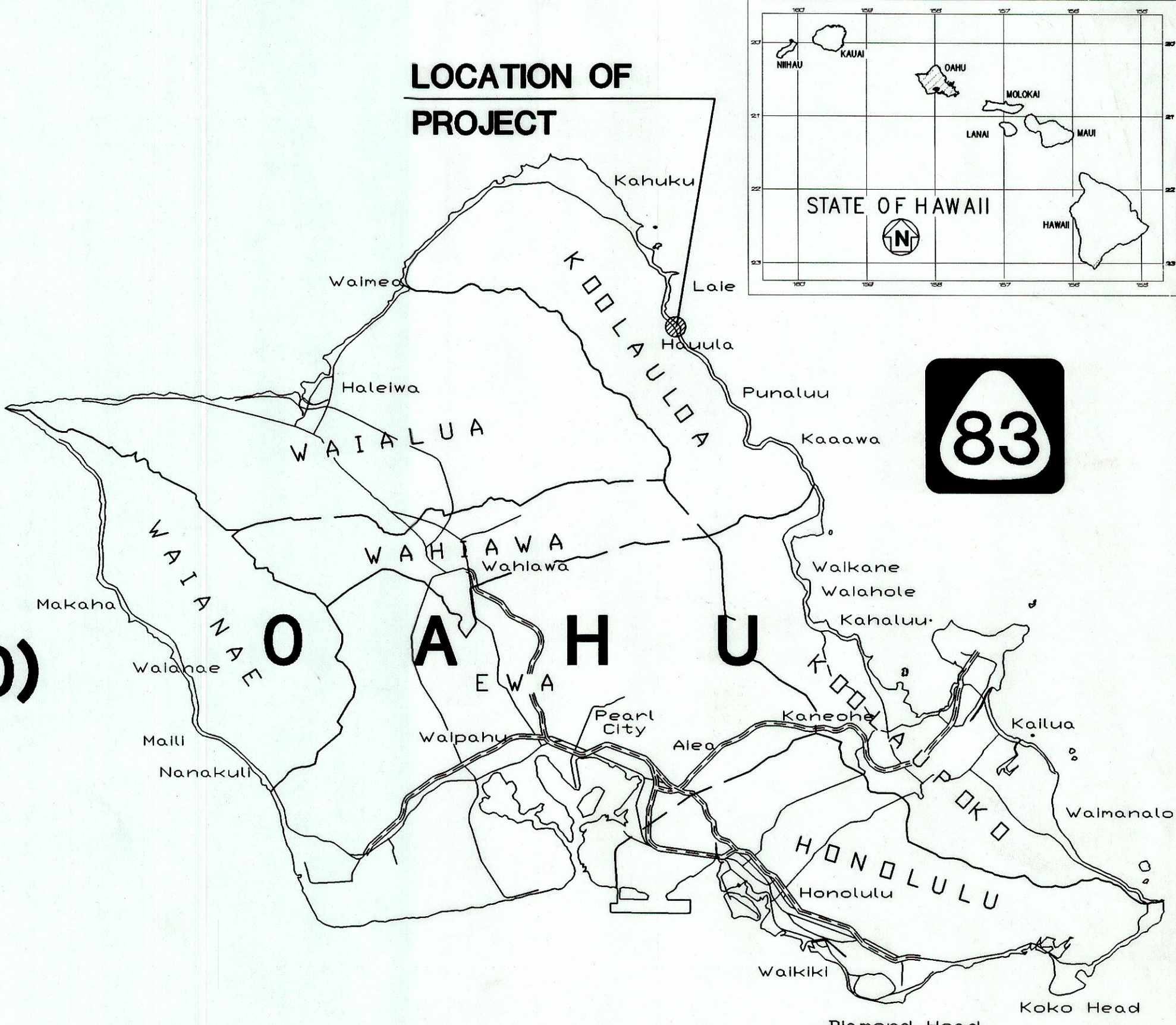
Sheet Nos. ① C.O. 175-1 and ② 66S-1 thru 66S-16  
are Supplementary Sheets to this project.  
Total Sheet Count after "AS-BUILT" Posting  
96 sheets.

MITSUNAGA & ASSOCIATES  
DESIGNED BY  
JAMES FU  
P. S. & E. BY  
692-7613  
PHONE  
AUGUST 2004  
DATE



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
HONOLULU, HAWAII  
**"AS-BUILT"**  
PLANS FOR  
**KAMEHAMEHA HIGHWAY**  
REPLACEMENT OF  
KOKOLOLIO STREAM BRIDGE  
FEDERAL AID PROJECT NO. BR-083-1(50)  
DISTRICT OF KOOLAULO  
ISLAND OF OAHU

| FED. ROAD DIST. NO. | STATE  | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|--------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAWAII | BR-083-1(50)       | 2005        | 1         | 81           |



SCALE IN MILES

FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED OR UNDER CONSTRUCTION

MILE POST 20.086 TO MILE POST 20.335

DESIGN DESIGNATION

|                  |           |
|------------------|-----------|
| ADT (2002)       | 11,700    |
| ADT (2022)       | 13,300    |
| DHV              | 1,070     |
| D                | 50/50     |
| T <sub>DES</sub> | 1.5%      |
| T <sub>24</sub>  | 4.0%      |
| V                | 40 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 LOGBOOK  
AND/OR CONSTRUCTION BOOK.

|                                                 |         |
|-------------------------------------------------|---------|
| DEPARTMENT OF TRANSPORTATION<br>STATE OF HAWAII |         |
| APPROVED:                                       |         |
|                                                 | 9-28-04 |
| DIR. OF TRANSPORTATION                          | DATE    |

LOCATION PLAN