| FED. ROAD DIST. NO. | STATE | PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | T-9001(18) | 1972 | 1 | 44 |

## INDEX TO DRAWINGS


| SHEET NO. | DESCRIPTION |
|---|---|
| 1 | TITLE SHEET |
| 2 - 3 | TYPICAL SECTIONS |
| 4 - 9 | DETAIL PLAN OF ROADWAY |
| * 10-18 | MISC. & STANDARD ROADWAY, UTILITY & DRAINAGE DETAILS |
| 19-20 | SPRINKLER SYSTEM |
| ** 21-44 | TRAFFIC CONTROL DEVICES, LIGHTING AND LANDSCAPING PLANS & DETAILS |
| C.O.11S-1,S-2 | *BIKEWAY DETAILS |
| C.O.11S-3 | *CHAIN LINK FENCE ST'D. DETAIL |
| C.O.16S-1,S-2 | *DRAINAGE DETAILS |
| C.O.43S-1 | **GUARD RAIL ST'D. DETAIL |


STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

HONOLULU, HAWAII

AS BUILT

PLANS FOR

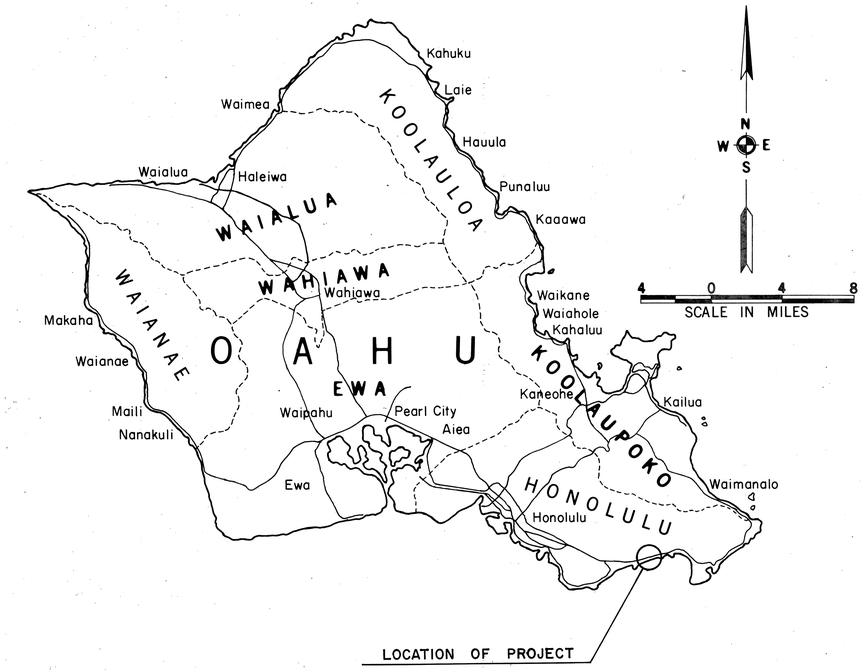
# CONSTRUCTION OF

# KALANIANAOLE HIGHWAY WIDENING

## West Hind Drive to Kirkwood Street

## FEDERAL AID TOPICS PROJECT NO. T-9001(18)

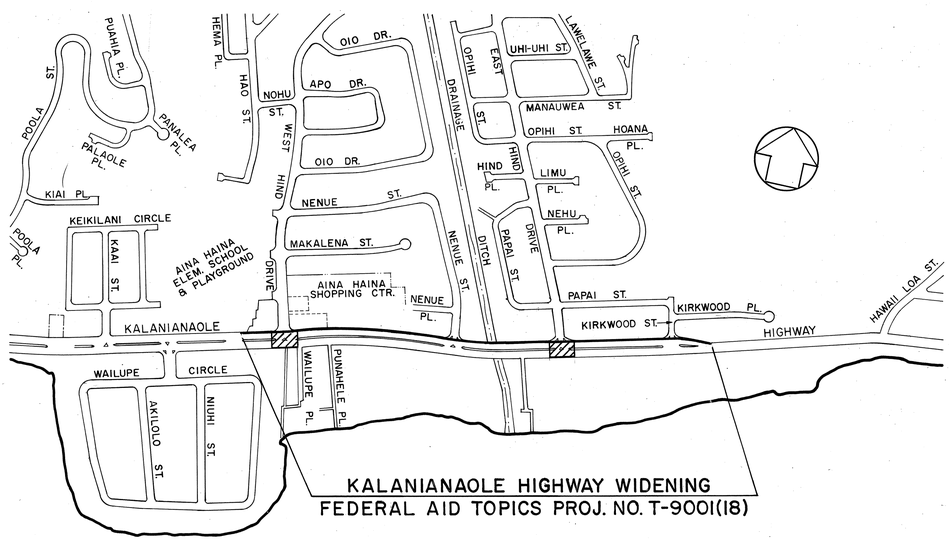
DISTRICT OF HONOLULU
ISLAND OF OAHU




ALL CHANGES MADE DURING CONSTRUCTION HAVE BEEN INCORPORATED ON THESE PLANS IN RED, EXCEPT CHANGES IN THE ORIGINAL THEORETICAL QUANTITIES. FOR ACTUAL QUANTITIES, REFER TO PROJECT LEDGER AND/OR COMPUTATION BOOK.

Ralph T. Hirie — PROJECT ENGINEER

8/12/75 — DATE




## LAYOUT PLAN

5 0 5 10 15
SCALE IN HUNDRED FEET

| | |
|---|---|
| GROSS LENGTH OF PROJECT | 0.634 MI. |
| BRIDGES OVER 20.00 SPAN | 0.000 MI. |
| NET LENGTH OF ROADWAY | 0.634 MI. |

## DESIGN CLASSIFICATION

| | |
|---|---|
| ADT (1973) INBOUND ONLY | 19,600 |
| ADT (1983) INBOUND ONLY | 30,500 |
| DHV | 3,050 |
| T | 1.5% |
| V | 50 M.P.H. |

DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
APPROVED:
R. H. Nunn — DIVISION ENGINEER — 3-21-73 DATE

DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII
APPROVED:
Mummy Lee — FOR DIR. OF TRANSPORTATION — 3/9/73 DATE


Ronald Tsuzuki — DESIGNED BY
Ronald Tsuzuki — P. S. & E. BY
548-2456 — PHONE
Mar. 1973 — DATE