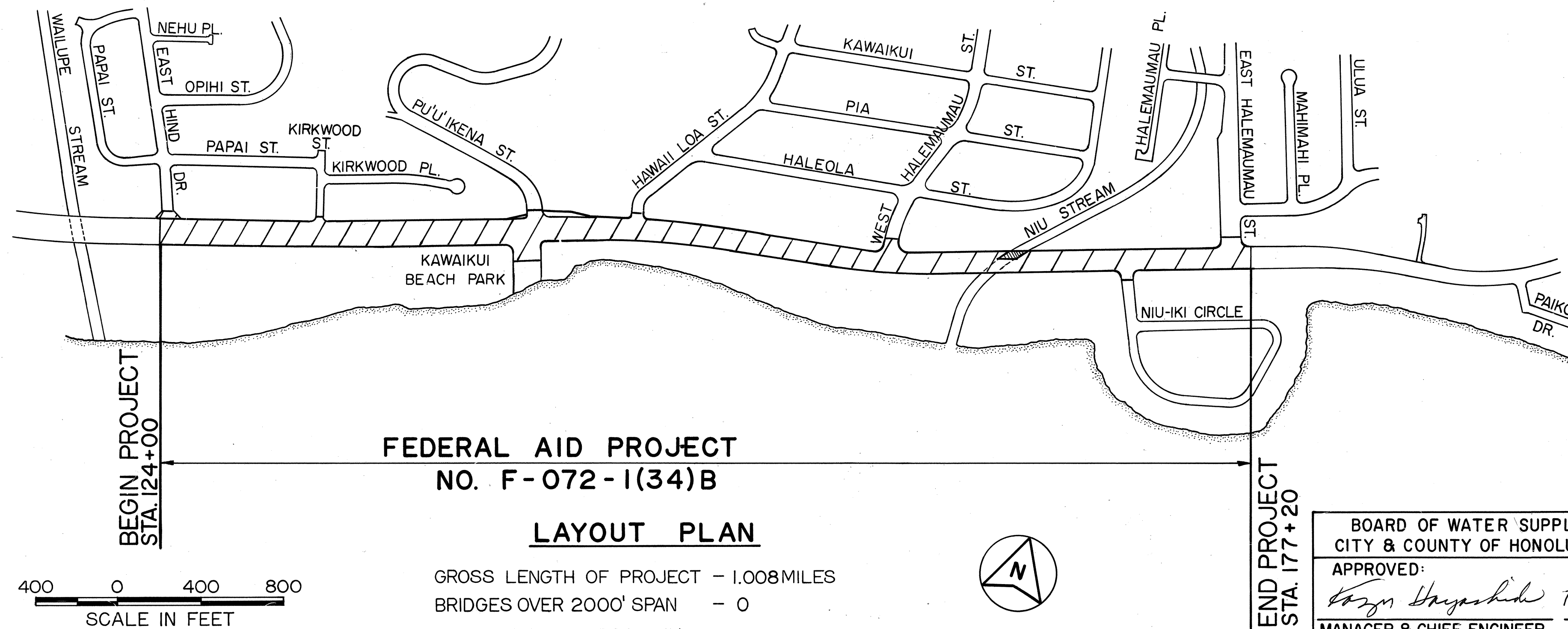


| INDEX TO DRAWINGS |                                       |
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| SHEET NO.         | DESCRIPTION                           |
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| 6                 | CONSTRUCTION PHASING                  |
| 7-11              | PLAN & PROFILE                        |
| 12-21             | DETAIL PLAN                           |
| 22                | JUGHANDLE INTERSECTION DETAIL         |
| 23                | GRADE ADJUSTMENT WALL DETAILS         |
| 24                | DRIVEWAY DETAILS                      |
| 25                | IMPROVEMENTS TO SHOPPING CENTER       |
| 26-35             | DRAINAGE PLAN                         |
| 36-41             | DRAIN LINE PROFILES                   |
| 42-44             | DRAINAGE DETAILS                      |
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| 49-57             | NIU STREAM BRIDGE                     |
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| 158-163           | TRAFFIC SIGNAL PLANS                  |
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| 189-193           | KAWAIKUI PARK                         |

Plan Sht. No. 163 S-I is a Supplementary Sheet to this Project.  
TOTAL SHEET COUNT after "AS-BUILT" postings  
194 Sheets.

VTN PACIFIC, INC. DESIGNED BY  
FRED ABESHIMA P. S. & E. BY  
548-4042 PHONE  
9-26-90 DATE



FEDERAL AID PROJECT  
NO. F-072-1(34)B

LAYOUT PLAN

GROSS LENGTH OF PROJECT - 1.008 MILES  
BRIDGES OVER 2000' SPAN - 0  
NET LENGTH OF ROADWAY - 1.008 MILES

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
HONOLULU, HAWAII

"AS-BUILT"  
PLANS FOR  
CONSTRUCTION OF A PORTION OF  
**KALANIANA'OLE HIGHWAY**  
EAST HIND DRIVE TO EAST HALEMAUMAU STREET  
FEDERAL AID PROJECT NO. F-072-1(34)B

DISTRICT OF HONOLULU  
ISLAND OF OAHU

ALL CHANGES MADE DURING CONSTRUCTION HAVE BEEN  
NOTED IN RED ON THESE TRACINGS AND CHECKED BY

*Sidney S. C. Lee* 2/27/97  
RESIDENT ENGINEER DATE

FEDERAL AID PROJECTS PREVIOUSLY CONSTRUCTED  
OR UNDER CONSTRUCTION  
MILE POST 16.47 TO MILE POST 15.48

DESIGN DESIGNATION

CURRENT ADT (1988) 54,290  
DESIGN ADT (2011) 82,730  
DHV 6,600  
D (Am) 75/25  
T 2.5%  
V 40 MPH  
CONTROL OF ACCESS

BOARD OF WATER SUPPLY  
CITY & COUNTY OF HONOLULU  
APPROVED:  
*Kayoko Hayashida* 7/20/93  
MANAGER & CHIEF ENGINEER DATE

DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
APPROVED:  
\_\_\_\_\_  
DIVISION ADMINISTRATOR DATE

DEPARTMENT OF TRANSPORTATION  
STATE OF HAWAII  
APPROVED:  
\_\_\_\_\_  
DIR. OF TRANSPORTATION DATE  
SHEET NO. T-1 OF 2 SHEETS

I-S-IB

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | F-072-1(34)B       | 1991        | I-S-IB    | 193          |

