| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| HAWAII | HAW. | HHS-078-1(20) F-099-1(6) | 1977 | 6 | 17 |

SEE NOTE Nº2

FUTURE

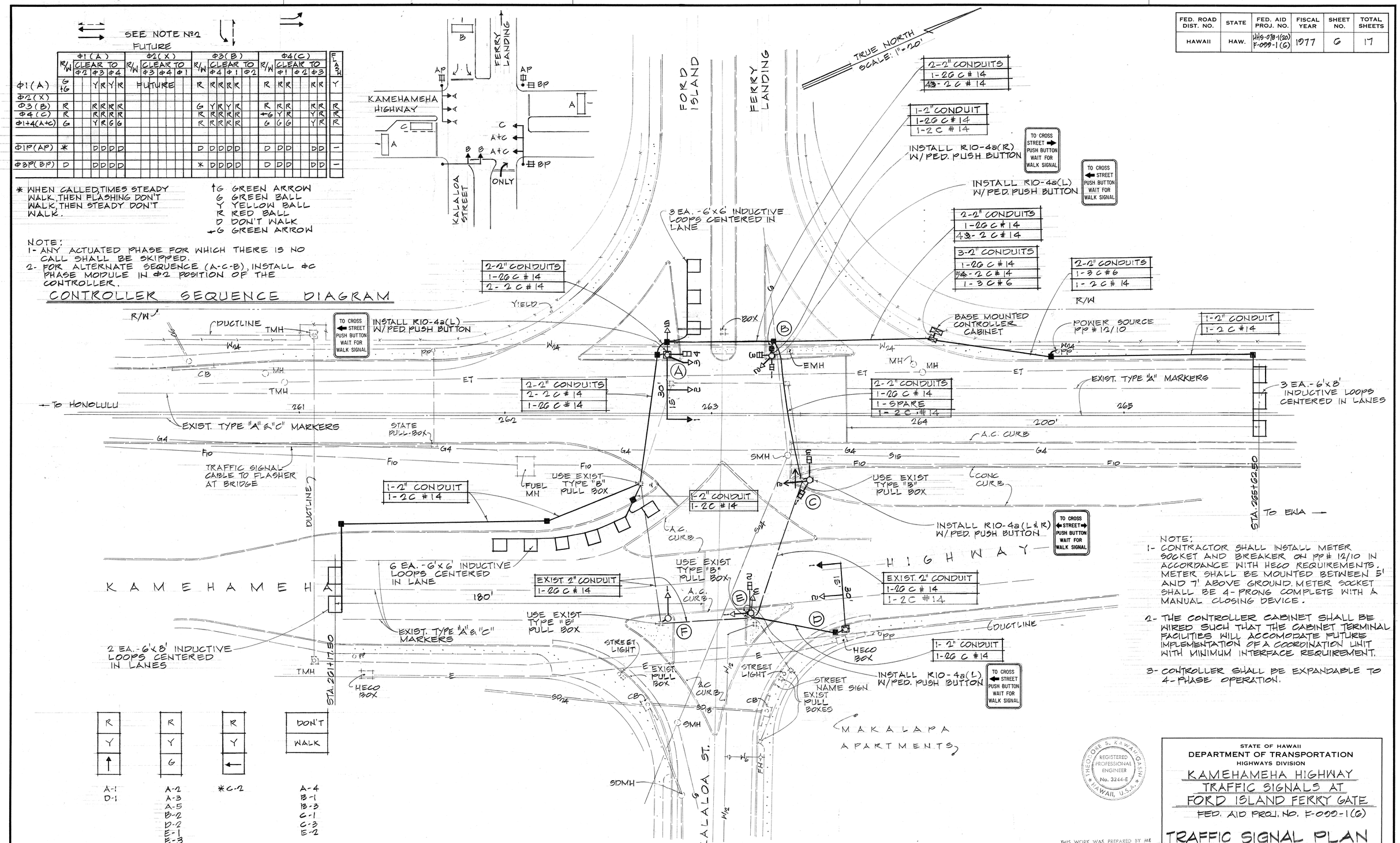
| | Φ1(A) R/W | Φ1(A) CLEAR TO Φ2 | Φ1(A) CLEAR TO Φ3 | Φ1(A) CLEAR TO Φ4 | Φ2(X) R/W | Φ2(X) CLEAR TO Φ3 | Φ2(X) CLEAR TO Φ4 | Φ2(X) CLEAR TO Φ1 | Φ3(B) R/W | Φ3(B) CLEAR TO Φ4 | Φ3(B) CLEAR TO Φ1 | Φ3(B) CLEAR TO Φ2 | Φ4(C) R/W | Φ4(C) CLEAR TO Φ1 | Φ4(C) CLEAR TO Φ2 | Φ4(C) CLEAR TO Φ3 | FLASH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Φ1(A) | G +G | | Y | R | Y | R | FUTURE | | R | R | R | R | R | R | R | R | Y |
| Φ2(X) | | | | | | | | | | | | | | | | | |
| Φ3(B) | R | | R | R | R | R | | | G | Y | R | Y | R | R | R | R | R |
| Φ4(C) | R | | R | R | R | R | | | R | R | R | R | ←G | Y | R | Y | R |
| Φ1+4(A+C) | G | | Y | R | G | G | | | R | R | R | R | G | G | G | Y | R |
| | | | | | | | | | | | | | | | | | |
| Φ1P(AP) | * | | D | D | D | D | | | D | D | D | D | D | D | D | D | – |
| Φ3P(BP) | D | | D | D | D | D | | | * | D | D | D | D | D | D | D | – |

* WHEN CALLED, TIMES STEADY WALK, THEN FLASHING DON'T WALK, THEN STEADY DON'T WALK.

↑G GREEN ARROW
G GREEN BALL
Y YELLOW BALL
R RED BALL
D DON'T WALK
←G GREEN ARROW

NOTE:
1- ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
2- FOR ALTERNATE SEQUENCE (A-C-B), INSTALL Φ6 PHASE MODULE IN Φ2 POSITION OF THE CONTROLLER.

## CONTROLLER SEQUENCE DIAGRAM




NOTE:
1- CONTRACTOR SHALL INSTALL METER SOCKET AND BREAKER ON PP # 12/10 IN ACCORDANCE WITH HECO REQUIREMENTS. METER SHALL BE MOUNTED BETWEEN 5' AND 7' ABOVE GROUND. METER SOCKET SHALL BE 4-PRONG COMPLETE WITH A MANUAL CLOSING DEVICE.
2- THE CONTROLLER CABINET SHALL BE WIRED SUCH THAT THE CABINET TERMINAL FACILITIES WILL ACCOMODATE FUTURE IMPLEMENTATION OF A COORDINATION UNIT WITH MINIMUM INTERFACE REQUIREMENT.
3- CONTROLLER SHALL BE EXPANDABLE TO 4-PHASE OPERATION.




A-1 D-1 | A-2 A-3 A-5 B-2 D-2 E-1 E-3 E-1 | *C-2 | A-4 B-1 B-3 C-1 C-3 E-2

## SIGNAL INDICATIONS

* PROGRAMMED VISIBILITY HEAD

| ORIGINAL PLAN | SURVEY PLOTTED BY | DATE |
|---|---|---|
| | DRAWN BY | |
| | TRACED BY | |
| NOTE BOOK | DESIGNED BY | |
| | QUANTITIES BY | |
| No. | CHECKED BY | |

THEODORE S. KAWAHIGASHI
REGISTERED PROFESSIONAL ENGINEER
No. 3244-E
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KAMEHAMEHA HIGHWAY
TRAFFIC SIGNALS AT
FORD ISLAND FERRY GATE
FED. AID PROJ. NO. F-000-1(6)

# TRAFFIC SIGNAL PLAN

SCALE: AS SHOWN DATE: AUG. 5, 1977

SHEET No. 1 OF 1 SHEETS

PRINTED ON NO. 1000H CLEARPRINT

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FERRY GATE