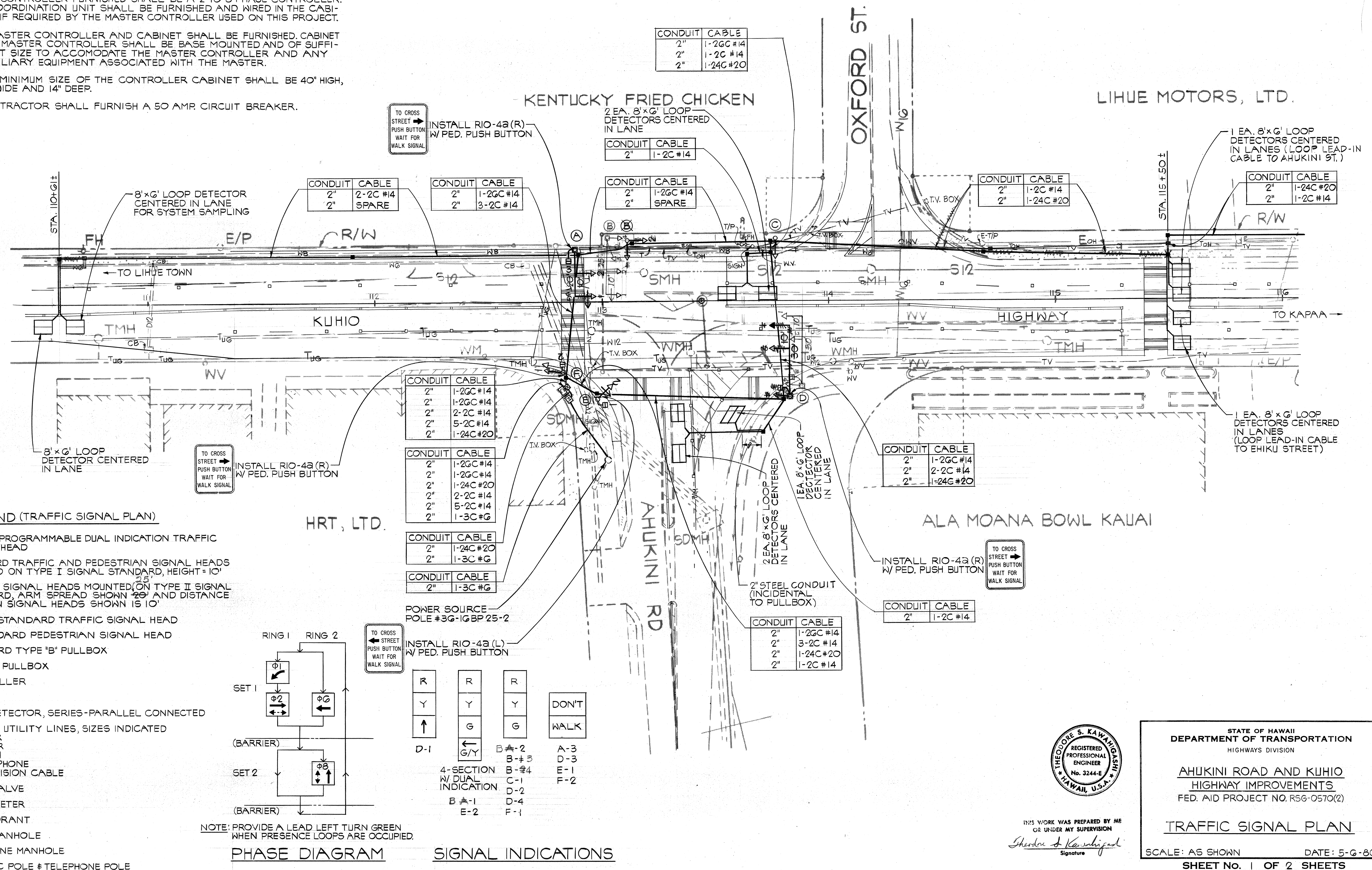


1. TRAFFIC SIGNAL SIGNAL STANDARDS SHALL BE LOCATED 2' CLEAR FROM EDGE OF ROADWAY PAVEMENT UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
2. THE CONTROLLER FURNISHED SHALL BE A 2 TO 8 PHASE CONTROLLER. A COORDINATION UNIT SHALL BE FURNISHED AND WIRED IN THE CABINET IF REQUIRED BY THE MASTER CONTROLLER USED ON THIS PROJECT.
3. A MASTER CONTROLLER AND CABINET SHALL BE FURNISHED. CABINET FOR MASTER CONTROLLER SHALL BE BASE MOUNTED AND OF SUFFICIENT SIZE TO ACCOMMODATE THE MASTER CONTROLLER AND ANY AUXILIARY EQUIPMENT ASSOCIATED WITH THE MASTER.
4. THE MINIMUM SIZE OF THE CONTROLLER CABINET SHALL BE 40" HIGH, 24" WIDE AND 14" DEEP.
5. CONTRACTOR SHALL FURNISH A 50 AMP CIRCUIT BREAKER.

TRUE NORTH  
SCALE: 1" = 20'



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

THIS WORK WAS PREPARED BY ME  
OR UNDER MY SUPERVISION

*Sheldon S. Kawahigashi*  
Signature

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

AHUKINI ROAD AND KUHIO  
HIGHWAY IMPROVEMENTS  
FED. AID PROJECT NO. R5G-0570(2)

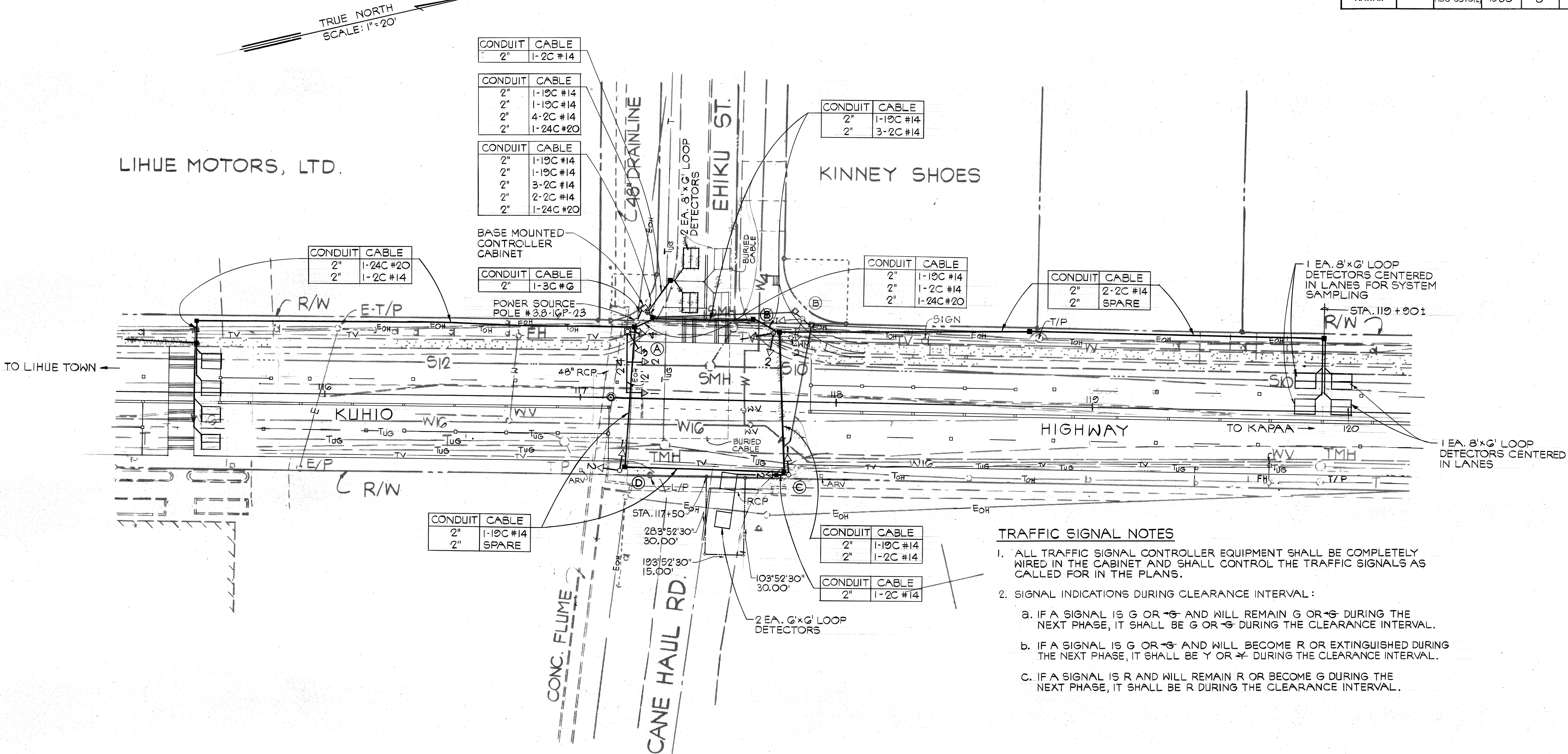
TRAFFIC SIGNAL PLAN

SCALE: AS SHOWN DATE: 5-6-80

SHEET No. 1 OF 2 SHEETS

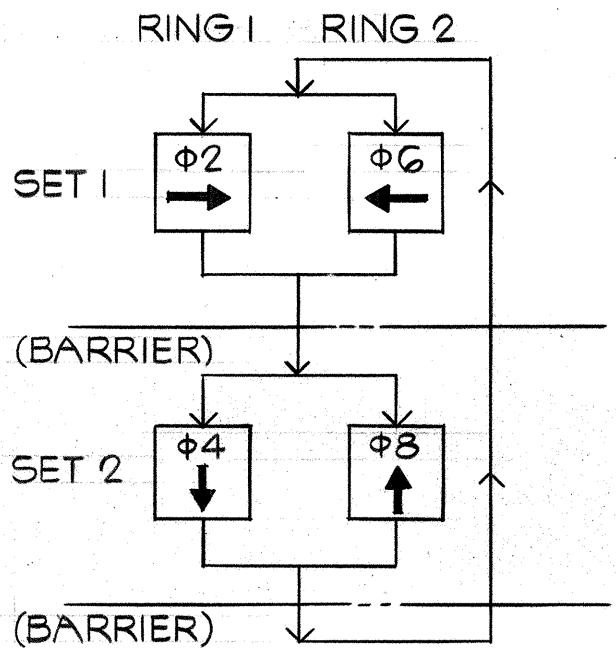


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | R5G-0570(2)        | 1980        | 8         | 37           |



### TRAFFIC SIGNAL NOTES

- ALL TRAFFIC SIGNAL CONTROLLER EQUIPMENT SHALL BE COMPLETELY WIRED IN THE CABINET AND SHALL CONTROL THE TRAFFIC SIGNALS AS CALLED FOR IN THE PLANS.
- SIGNAL INDICATIONS DURING CLEARANCE INTERVAL:
  - IF A SIGNAL IS G OR ~~G~~ AND WILL REMAIN G OR ~~G~~ DURING THE NEXT PHASE, IT SHALL BE G OR ~~G~~ DURING THE CLEARANCE INTERVAL.
  - IF A SIGNAL IS G OR ~~G~~ AND WILL BECOME R OR EXTINGUISHED DURING THE NEXT PHASE, IT SHALL BE Y OR ~~Y~~ DURING THE CLEARANCE INTERVAL.
  - IF A SIGNAL IS R AND WILL REMAIN R OR BECOME G DURING THE NEXT PHASE, IT SHALL BE R DURING THE CLEARANCE INTERVAL.



PHASE DIAGRAM

|   |
|---|
| R |
| Y |
| G |

- A-1 A-3
- A-2 A-4
- B-1
- B-2
- C-1
- C-2
- D-1
- D-2

SIGNAL INDICATIONS



THIS WORK WAS PREPARED BY  
OR UNDER MY SUPERVISION  
*Theodore S. Kawahigashi*  
Signature

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

AHUKINI ROAD AND KUHIO  
HIGHWAY IMPROVEMENTS  
FED. AID PROJECT NO. R5G-0570(2)

### TRAFFIC SIGNAL PLAN

SCALE: AS SHOWN DATE: 5-6-80  
SHEET NO. 2 OF 2 SHEETS

|               |      |
|---------------|------|
| ORIGINAL PLAN | DATE |
| DRAWN BY      |      |
| DESIGNED BY   |      |
| QUANTITIES BY |      |
| CHECKED BY    |      |
| NO.           |      |