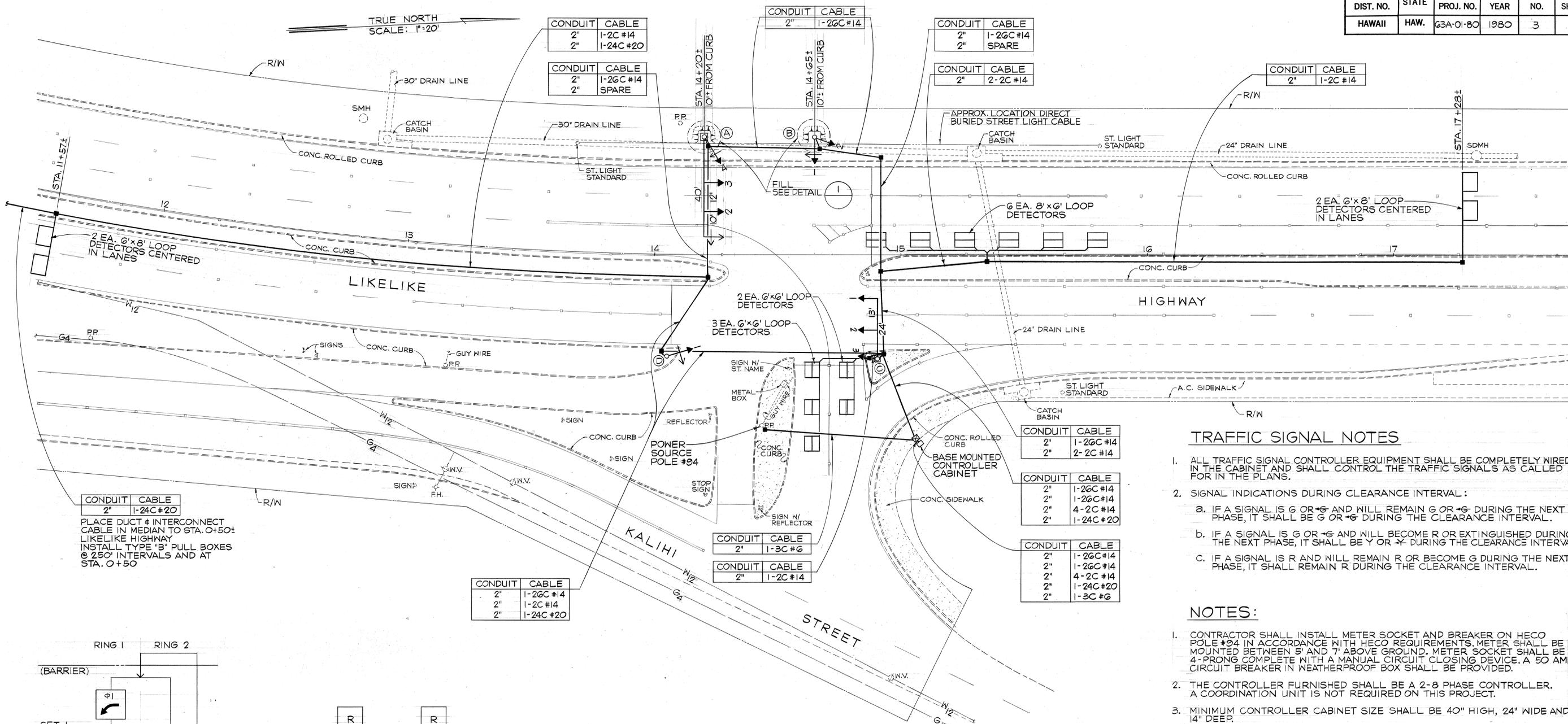


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	G3A-01-80	1980	3	16



CONDUIT CABLE
2" 1-24C #20

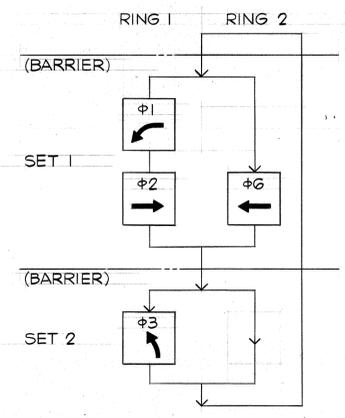
PLACE DUCT & INTERCONNECT CABLE IN MEDIAN TO STA. 0+50.1
LIKELIKE HIGHWAY
INSTALL TYPE "B" PULL BOXES @ 250' INTERVALS AND AT STA. 0+50

TRAFFIC SIGNAL NOTES

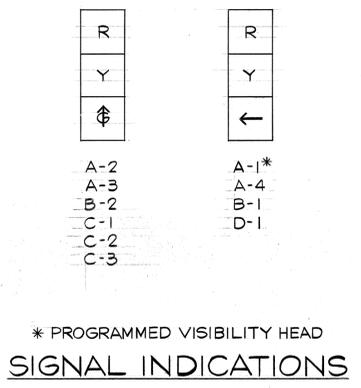
- ALL TRAFFIC SIGNAL CONTROLLER EQUIPMENT SHALL BE COMPLETELY WIRED IN THE CABINET AND SHALL CONTROL THE TRAFFIC SIGNALS AS CALLED FOR IN THE PLANS.
- SIGNAL INDICATIONS DURING CLEARANCE INTERVAL:
 - IF A SIGNAL IS G OR \leftarrow AND WILL REMAIN G OR \leftarrow DURING THE NEXT PHASE, IT SHALL BE G OR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

NOTES:

- CONTRACTOR SHALL INSTALL METER SOCKET AND BREAKER ON HECO POLE #94 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 CIRCUIT CLOSING DEVICE. A 50 AMP CIRCUIT BREAKER IN WEATHERPROOF BOX SHALL BE PROVIDED.
- THE CONTROLLER FURNISHED SHALL BE A 2-8 PHASE CONTROLLER. A COORDINATION UNIT IS NOT REQUIRED ON THIS PROJECT.
- MINIMUM CONTROLLER CABINET SIZE SHALL BE 40" HIGH, 24" WIDE AND 14" DEEP.
- CONTRACTOR IS CAUTIONED WHEN WORKING AROUND THE DIRECT BURIED STREET LIGHT CABLE AND 30" RCP ON THE EWA SIDE OF LIKELIKE HIGHWAY.
- PROVIDE TRAFFIC SIGNAL HEAD B-1 WITH TYPE II MOUNTING (ITEM NO. G23.3011).
- PROVIDE TRAFFIC SIGNAL HEAD B-2 FOR MOUNTING ON TYPE II MOUNTING (ITEM NO. G23.30G2).

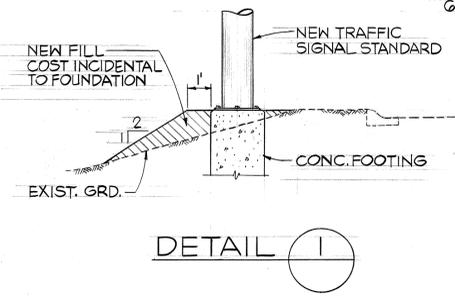


PHASE DIAGRAM



* PROGRAMMED VISIBILITY HEAD
SIGNAL INDICATIONS

- ### LEGEND
- \rightarrow PROGRAMMED BI-MODAL HEAD, 12" \leftarrow (GREEN BALL & ARROW)
 - \downarrow PROGRAMMED VISIBILITY HEAD, 12" (R, Y, G)
 - \rightarrow STANDARD 12" TRAFFIC SIGNAL HEAD R, Y, G
 - \rightarrow TRAFFIC SIGNAL HEADS MOUNTED ON TYPE II SIGNAL STANDARD, ARM SPREAD SHOWN 24" AND DISTANCE BETWEEN SIGNAL HEADS SHOWN IS 12"
 - \rightarrow STANDARD 12" R, Y, G MOUNTED ON TYPE I TRAFFIC SIGNAL STANDARD
 - STANDARD TYPE "B" PULL BOX
 - TYPE "D" PULL BOX
 - LOOP DETECTORS, SERIES-PARALLEL CONNECTED
 - PP POWER POLE
 - ⊕ W.V. WATER VALVE
 - ⊕ F.H. FIRE HYDRANT
 - N₁₂ EXISTING UTILITY LINES, SIZES INDICATED
W = WATER
G = GAS



DETAIL I



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Theodore S. Kawahijashi
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LIKELIKE HIGHWAY
TRAFFIC SIGNALS AT
KALIHII STREET
PROJECT NO. G3A-01-80

TRAFFIC SIGNAL PLAN

SCALE: AS SHOWN DATE: 8-1-79
SHEET NO. 1 OF 3 SHEETS

PLAN
DRAWN BY
TRACED BY
NOTE BOOK
DESIGNED BY
QUANTITIES BY
CHECKED BY
No.