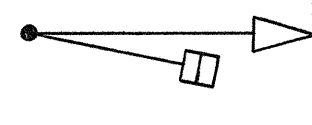
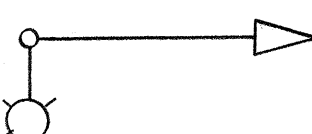
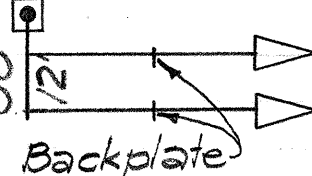
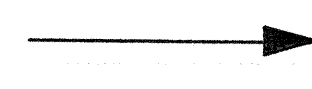
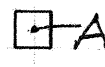

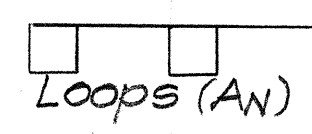
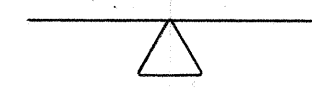




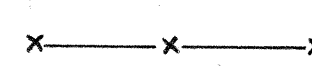
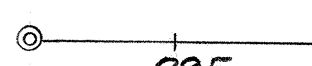
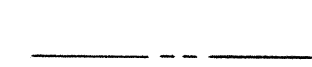











FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HHS-009-1(5)	1975	2	11

LEGEND

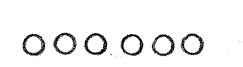


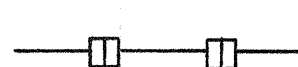


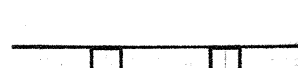



TRAFFIC SIGNALS

-  Standard Vehicle and Pedestrian Signal Heads mounted on Type I (Pedestal Type) Signal Standard, Height: 10'
-  Standard Vehicle Signal Head mounted on Existing Highway Light Standard.
-  Standard Vehicle Signal Heads mounted on Type II-B (Mast-Arm Type) Signal Standard; Arm Spread shown 30' and Distance between Signal Heads shown 12 feet
-  12" Programmed Visibility Vehicle Signal Head.
-  Traffic Signal Pull-Box (Type "A" shown)
-  Traffic Signal Controller, Cabinet & Auxiliary Controller Equipment
-  Traffic Detector and Designation (Type indicated)
-  Traffic Signal conduit with cables (See Plan for No. & Size)
-  New Regulatory or Warning Sign with Post

ROADWAY

-  Existing Curb
-  Existing Fence
-  Existing Mon., Base line and Station
-  Property line
-  Existing concrete gutter
-  Existing guard rail
-  Honolulu Gas line (4") and Manhole
-  Sewer line (30") and Manhole
-  Water line (24") and Manhole
-  Drain line (24") and Manhole
-  Existing Street light on Standard (Std.) or Power Pole (P.P.)
-  Existing Power or Telephone Pole
-  U.S. Army Signal Corps Cable
-  Electric or Telephone line and Manhole
-  Existing Traffic Sign

PAVEMENT MARKINGS

-  Type "A" Raised Pavement Markers
-  Type "C" Raised Pavement Markers
-  Type "H" Raised Pavement Markers
-  4" Solid White Lane line w/Type "C" Markers @ 20'o.c. (8" White channelizing line when noted)
-  4" Solid Yellow Edge line w/Type "H" Markers @ 40'o.c. (4" Yellow w/o Markers when noted)
-  Double 4" Yellow Center line w/Type "D" Markers @ 20'o.c.
-  White Crosswalk Marking (2 lanes shown)
-  12" White Stop line
-  White Pavement Arrow
-  4" White Guide line (2' Stripe, 4' Space)

CONSTRUCTION NOTES

- Locations of existing underground structures & utilities, such as pipe lines, conduits, cables etc., shown on Plans are approximate only. It is not the intent of these Plans to show the exact location of all underground utilities & structures. It is the responsibility of the Contractor to verify the locations of all existing utilities with the respective Owners. Existing utilities damaged by the Contractor shall be repaired by the Contractor at his own cost.
- The locations of the Traffic Signal Standards, Traffic Signal Standards with Mast-Arm, Pedestrian Push Buttons, Traffic Controllers, Pull-Boxes, conduits and Traffic Detectors shall be staked out in the Field by the Contractor, and approval of the locations obtained from the Engineer prior to Construction and Installation.
- All Traffic Signal Work shall conform to the Requirements of the "Manual on Uniform Traffic Control Devices for Streets & Highways," Federal Highway Administration (1971).
- Construction Inspection for Signal System will be under Department of Transportation Services, City & County of Honolulu.
- Work by the Dept. of Transportation Services, City & County of Honolulu. (See Specifications for Details)
 - Assemble & Connect controller and Auxiliary Equipment in Cabinet.
 - Make all electrical connections in Field for Signal System after the System has been installed in place by the Contractor
 - Mask and adjustment all Programmed Visibility Traffic Signal Heads
 - Final Adjustment of Traffic Signal Control Equipment
- Removal of existing signs shall also include the removal of posts and foundation unless otherwise noted.
- Locations of Traffic Markings & Markers (Lane lines, Stop lines, Crosswalks, etc.) shown on the Plans shall be verified by the Contractor with the Engineer prior to the Installation of the Traffic Signal System.
- Removal of Pavement Markings shall be done by Contractor.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

LEGEND AND CONSTRUCTION NOTES

FED. AID PROJ. NO. HHS-009-1(5)

Scale: As shown Date:

SHEET NO. 1 OF 1 SHEETS