

LEGEND

- STANDARD TRAFFIC AND PEDESTRIAN SIGNAL HEADS, MOUNTED ON TYPE I SIGNAL STANDARD, HEIGHT = 10'
- 12" RYG STANDARD TRAFFIC SIGNAL HEAD
- TRAFFIC SIGNAL HEADS MOUNTED ON TYPE II SIGNAL STANDARD; ARM SPREAD SHOWN 20' AND DISTANCE BETWEEN SIGNAL HEADS SHOWN 12 FEET
- STANDARD TYPE "B" PULL BOX
- MODIFIED TYPE "B" PULL BOX
- STANDARD TYPE "A" PULL BOX
- TRAFFIC DETECTOR; SERIES PARALLEL CONNECTED
- EXISTING UTILITY LINES & SIZES AS INDICATED
- W= WATER
S= SEWER
E= ELECTRIC
SD= STORM DRAIN
G= GAS
SP= SPRINKLER
SCC= SIGNAL CORPS CABLE

CONSTRUCTION NOTES:

- 1- LOCATIONS OF EXISTING UNDERGROUND STRUCTURES & UTILITIES, SUCH AS PIPELINES CONDUIT 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.
- 2- 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.
- 3- ALL TRAFFIC SIGNAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS," FEDERAL HIGHWAY ADMINISTRATION (1971) AND AMENDMENTS.
- 4- DEPARTMENT OF TRANSPORTATION SERVICES, CITY AND COUNTY OF HONOLULU, WILL ASSIST THE ENGINEER IN CONSTRUCTION INSPECTION FOR TRAFFIC SIGNAL SYSTEM.
- 5- WORK BY THE DEPARTMENT OF TRANSPORTATION SERVICES, CITY & COUNTY OF HONOLULU,
a- ASSEMBLE & CONNECT CONTROLLER AND AUXILIARY EQUIPMENT IN CABINET
b- MAKE ALL ELECTRICAL CONNECTIONS IN THE FIELD FOR SIGNAL SYSTEM AFTER THE SYSTEM HAS BEEN INSTALLED IN PLACE BY THE CONTRACTOR.
c- FINAL ADJUSTMENT OF TRAFFIC SIGNAL CONTROL EQUIPMENT
- 6- REMOVAL OF EXISTING SIGNS SHALL ALSO INCLUDE THE REMOVAL OF POSTS AND FOUNDATIONS UNLESS OTHERWISE NOTED. COST OF SUCH WORK SHALL BE INCIDENTAL TO OTHER WORK ITEMS. SIGNS REMOVED FROM THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- 7- 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.
- 8- REMOVAL OF PAVEMENT MARKINGS SHALL BE DONE BY THE CONTRACTOR; THE COST OF SUCH WORK SHALL BE INCIDENTAL TO OTHER ITEMS OF WORK.
- 9- A SOLID #8 BARE COPPER WIRE SHALL BE PULLED WITH THE 12C#14 CONTROL CABLE FOR EQUIPMENT GROUND. COST SHALL BE INCIDENTAL TO THE INSTALLATION OF THE 12C#14 CABLE.

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|----------------------------|-------------|-----------|--------------|
| HAWAII | HAW. | HHS-003-1(5) F-003-1(4) | 1977 | 2 | 12 |

GENERAL TRAFFIC SIGNAL NOTES

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

| | |
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| ORIGINAL PLAN | DATE |
| DESIGNED BY | |
| CHECKED BY | |
| NOTED BY | |
| NO. | |



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Theodore S. Kawahigashi
Signature

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
FARRINGTON HIGHWAY
TRAFFIC SIGNALS AT
NANAKULI AVENUE
FED. AID PROJ. NO. HHS-003-1(5)
LUALUALEI NAVAL ROAD
FED. AID PROJ. NO. F-003-1(4)

LEGEND AND NOTES

DATE: APRIL 11, 1977

SHEET NO. 1 OF 1 SHEETS