LEGEND - NEW WORK

(3) PEDESTRIAN SIGNAL

IT APPEARS.

TYPES OF CABLES

SIGNAL LOOP CABLE, 26 C # 14

INTERCONNECT CABLE, 24C # 20

SENSOR LOOP CABLE, IC #12

SERVICE CABLE, 3C #6

PPB CIRCUIT CABLE, 2C #14

- NEW TYPE "B" TSPB.
- NEW TYPE "A" TSPB.

(3) (B)

TYPE 7

NEW TYPE I SIGNAL STANDARD WITH VEHICULAR(1)

AND PEDESTRIAN (2) SIGNAL FACES.

NEW CONTROLLER AND BASE.

NEW TYPE II SIGNAL STANDARD WITH 25' MAST ARM AND VEHICULAR AND PEDESTRIAN SIGNAL FACES. (1) PROGRAMMED VISIBILITY SIGNAL (2) STANDARD SIGNAL

REMOVE AND/OR DEMOLISH ENGLOSED STRUCTURE AND

REMOVE AND/OR DEMOLISH ENCLOSED STRUCTURE

ATTACHED SIGNAL EQUIPMENT IN ADDITION TO TSS.

NEW CONDUITS) WITH SIZE AND NUMBER OF CABLES

WITHIN THE TRIANGLE SHALL APPLY ONLY TO THAT

NEW MASTER CONTROLLER AND BASE!

VEHICLE DETECTOR LEAD IN CABLE, 20 # 14

CABLE FROM SIGNAL LOOP TO SIGNAL FACE, IC #14

PARTICULAR INTERSECTION OR DRAWING ON WHICH

AS INDICATED ON SCHEDULE . THE NUMBER DESIGNATION

IF ENCLOSED STRUCTURE IS A TSS, REMOVE ALL

CONSTRUCT NEW TSPB AT SAME LOCATION.

- 3. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITY COMPANIES AND GOVERNMENT AGENCIES OF HIS INTENT TO BEGIN CONSTRUCTION ON ANY INTERSECTION OR STREET AT LEAST TWO (2) WEEKS PRIOR TO THE START OF SUCH CONSTRUCTION.
 - 4. THE LOCATIONS OF TRAFFIC SIGNAL STANDARDS, CONTROLLERS, PULLBOXES AND CONDUITS SHALL BE STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE ENGINEER PRIOR TO ANY EXCAVATION, SCHEDULE 80 PVC CONDUIT SHALL BE USED IN PAVEMENT AREAS; SCHEDULE 40 MAY BE USED IN SIDEWALK AREAS.

I. THE CONTRACTOR SHALL VERIFY WITH THE RESPECTIVE UTILITY

GAS, WATER, SEWER, DRAIN AND OTHER LINES CROSSING THE

2. ALL STRUCTURES, PAVEMENTS, UTILITIES, LANDSCAPING AND OTHER

COMPANIES AND GOVERNMENT AGENCIES, THE LOCATIONS OF ALL

EXCAVATION PATH OR IN EXCAVATION AREAS. ANY AND ALL DAMAGES

TO THE EXISTING LINES SHALL BE THE RESPONSIBILITY OF THE

TOPOGRAPHICAL FEATURES SHOWN ON THE INTERSECTION DRAWINGS

ARE EXISTING AND ARE TO REMAIN UNLESS NOTED OR INDICATED

ELECTRIC, TELEPHONE, TRAFFIC SIGNAL, STREET LIGHT, FIRE ALARM,

- 5. CONDUIT BETWEEN SIGNAL POLE AND ADJACENT TSPB SHALL BE ONE NEW 2" PVC CONDUIT UNLESS NOTED OTHERWISE ON THE PLANS. GROUND WIRE AND A SUFFICIENT NUMBER OF TYPE 5 CABLES SHALL BE INSTALLED WITHIN THE CONDUIT TO SERVICE ALL PEDESTRIAN AND VEHICULAR SIGNALS ON THAT POLE.
- 6. ALL VEHICULAR SIGNAL LENS SHALL BE 12" IN DIAMETER.

GENERAL NOTES

CONTRACTOR.

OTHERWISE.

- 7. ALL BURIED CONDUCTORS SHALL BE INSTALLED IN CONDUITS EXCEPT FOR TYPE 4 SENSOR LOOP CABLES. CONDUIT AT CURBLINES AND EDGE OF PAVEMENT LINES COLLECTING TYPE 4 CABLES SHALL BE OF 2" STEEL.
- 8. CONSTRUCTION OF SIGNAL SYSTEMS WILL BE SUBJECT TO THE INSPECTION OF THE C &C DEPARTMENT OF TRANSPORTATION SERVICES IN ADDITION TO THAT OF THE STATE.
- 9. THE C&C DEPARTMENT OF TRANSPORTATION SERVICES WILL MAKE ALL CONNECTIONS AND SPLICES AT TSPB'S, SIGNAL FACES, STANDARDS AND CONTROLLER TERMINAL BLOCKS, BUT NOT WORK ON GROUNDING SYSTEMS NOR CONNECTIONS WITHIN THE CONTROLLER ASSEMBLY. THE CONTRACTOR SHALL NOTIFY THE C&C D.T.S. AT LEAST 3 WORKING DAYS PRIOR TO THE TIME AT WHICH SUCH WORK CAN BE PERFORMED.
- 10. A BARE COPPER 10 #8 WIRE SHALL BE INSTALLED ALONG THE ENTIRE TRAFFIC SIGNAL GROUNDING SYSTEM.
- 11. WHERE SIGNAL FACES AND STANDARDS ARE TO BE REMOVED, THEY SHALL BE CAREFULLY DISMANTLED. THE ENGINEER WILL DETERMINE WHETHER THE REMOVED MATERIALS SHALL BE DISPOSED OF, SALVAGED OR REUSED.
- 12. ALL SENSOR LOOPS SHALL BE CENTERED WITHIN THEIR RESPECTIVE LANES.

13. EXISTING PAYEMENT MARKINGS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR, COST SHALL BE CONSIDERED INCIDENTAL TO THE VARIOUS CONTRACT ITEMS.

FISCAL SHEET TOTAL YEAR NO. SHEETS FED. ROAD DIST. NO. FED. AID PROJ. NO. STATE HES-0300(2I) | 1983

TYPES OF SIGNAL FACES

- = PEDESTRIAN SIGNAL: HAND & MAN.
- = 3-SECTION VEHICULAR SIGNAL: R+Y+6 RED, YELLOW AND GREEN.
- R+Y+ + = 3-SECTION VEHICULAR SIGNAL: RED, YELLOW AND GREEN ARROW.
- P(R+Y+) = 3-SECTION PROGRAMMED VISIBILITY

VEHICULAR SIGNAL : RED, YELLOW AND GREEN ARROW.

TYPES OF SIGNAL MOUNTINGS

- TP-2W = TOP OF POLE MOUNTING, 2-WAY.
- = BRACKET MOUNTING, I-WAY B-IW
- = CANTILEVER MOUNTING, I WAY.
- UNDERSLUNG MOUNTING, I-WAY.
- MA- IW = MASTARM MOUNTING (I-WAY)

ABBREVIATIONS

TRAFFIC SIGNAL STANDARD

TRAFFIC SIGNAL PULLBOX

SLP STREET LIGHT ON STEEL POLE

STREET LIGHT ON WOODEN POLE

WOODEN POLE



DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION

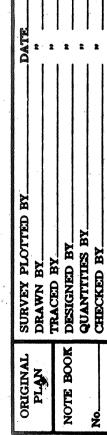
STATE OF HAWAII

GENERAL NOTES AND LEGEND

MODERNIZATION OF TRAFFIC SIGNAL SYSTEMS KING-KAPIOLANI-HARDING-KAPAHULU-WAIALAE-OLD WAIALAE PROJECT NO. HES -0300 (21)

SCALE: NO SCALE

SHEET NO. | OF | SHEETS



THIS WORK WAS PREPARED BY
ME DIDER MY SUPERVISION