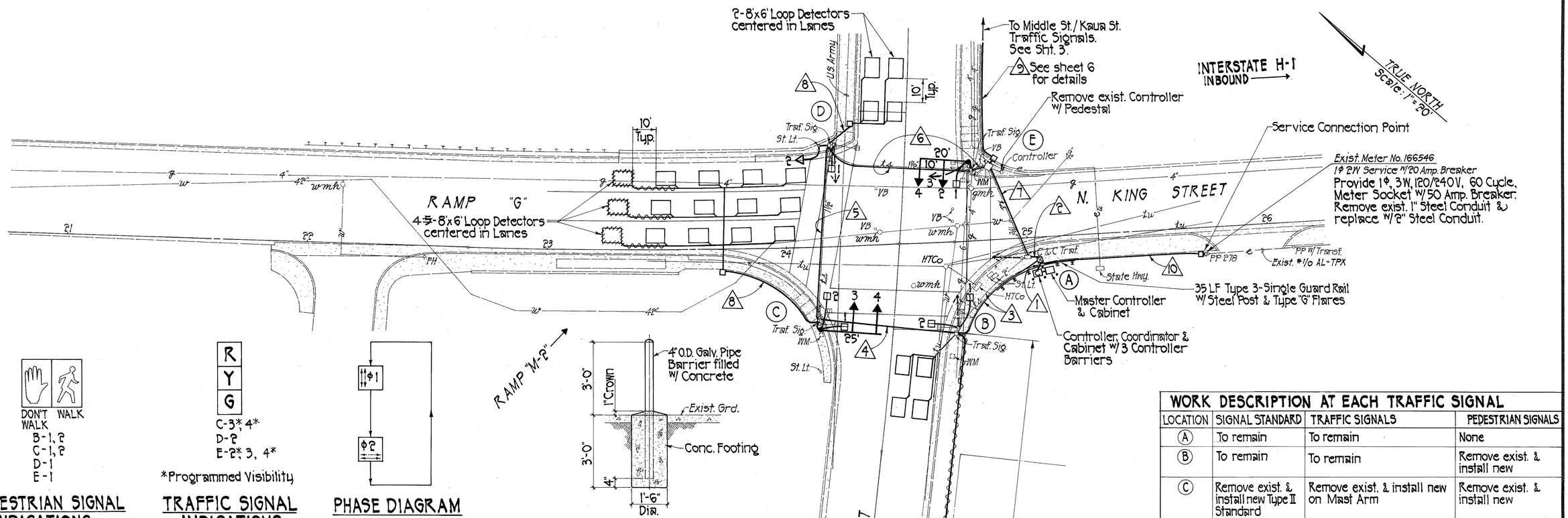
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-300(25)	1986	4	17

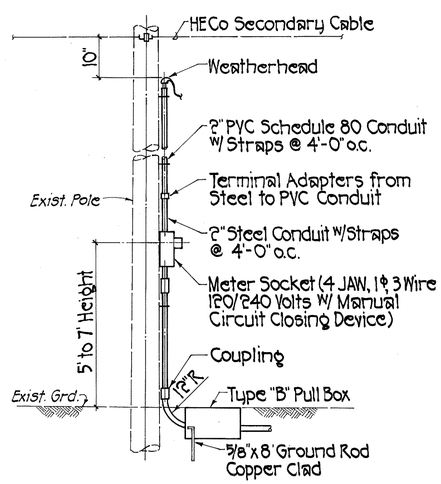


PEDESTRIAN SIGNAL INDICATIONS

TRAFFIC SIGNAL INDICATIONS

PHASE DIAGRAM

CONTROLLER BARRIER
Scale: 1/2" = 1'-0"



SERVICE POLE DETAIL
Not To Scale

PLAN
Scale: 1" = 20'

CONDUIT AND CABLE SCHEDULE

△	CONDUIT	CABLE
1	New 5-2" Sch.80	2-2GC #14, 1-2AC #20, 6-2C #14, 1-3C #6
2	New 4-2" Sch.80	1-2GC #14, 1-2AC #20, 2-2C #14
3	New 1-2" Sch.80 Exist. 1-2" Conduit	1-2GC #14 4-2C #14
4	New 2-2" Sch.80	1-2GC #14, 3-2C #14
5	New 1-2" Sch.80 Exist. 1-1 1/2" Conduit	1-2GC #14 1-2C #14
6	New 1-2" Sch.80 Exist. 1-1/2" Conduit	1-2GC #14 1-2C #14
7	New 3-2" Sch.80 Exist. 1-1 1/2" Conduit	1-2GC #14, 1-2AC #20, 4-2C #14 2-2C #14
8	New 1-2" Sch.80	1-2C #14
9	New 1-2" Sch.80 (Steel)	1-2AC #20 (Attach conduit to concrete bridge/abutment)
10	New 1-2" Sch.80	1-3C #6

WORK DESCRIPTION AT EACH TRAFFIC SIGNAL

LOCATION	SIGNAL STANDARD	TRAFFIC SIGNALS	PEDESTRIAN SIGNALS
(A)	To remain	To remain	None
(B)	To remain	To remain	Remove exist. & install new
(C)	Remove exist. & install new Type II Standard	Remove exist. & install new on Mast Arm	Remove exist. & install new
(D)	To remain	To remain; install new on exist. street light standard, bracket mounting	Remove exist. & install new
(E)	Remove exist. & install new Type II Standard	Remove exist.; relocate 1 exist. with new bracket mounting; install new on Mast Arm	Remove exist. & install new

NOTES:

1. Remove existing traffic control cables and install new. See Conduit & Cable Schedule.
2. Clean all existing conduits to be reused.
3. See sheet 3 for existing controller phase diagram.
4. See sheet 6 for Signing, Striping & Marking Plan.
5. See sheet 6 for loop detector installation for excavated and reconstructed pavement areas.

ORIGINAL PLAN — SURVEY PLOTTED BY — DRAWN BY — TRACED BY — DESIGNED BY — QUANTITIES BY — CHECKED BY — DATE — NOTE BOOK No.

HAROLD I. YOSHIZAKI REGISTERED PROFESSIONAL ENGINEER No. 2091-C HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Harold I. Yoshizaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN~MIDDLE STREET TRAFFIC SIGNALS AT N. KING STREET

MIDDLE STREET TRAFFIC SIGNAL IMPROVEMENTS
AT KAUA STREET AND NORTH KING STREET
FEDERAL AID PROJECT NO. HES-300(25)

SCALE: AS SHOWN — DATE: AUG. 30, 1985

SHEET No. 2 OF 2 SHEETS