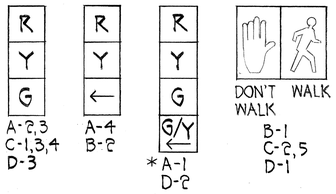
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56A-03-89	1990	4	6

CONDUIT & CABLE SCHEDULE

△	CONDUIT	CABLE
1	5-2" Sch. 80	2-2GC #14, 8-2C #14, 1-3C #6
2	2-2" Sch. 80	1-2GC #14, 5-2C #14
3	2-2" Sch. 80	1-2GC #14, 2-2C #14
4	2-2" Sch. 80	1-2GC #14, 1-2C #14
5	2-2" Sch. 80	1-2GC #14, 3-2C #14
6	1-2" Sch. 80	3-2C #14
7	1-2" Sch. 80	1-2C #14
8	1-2" Sch. 80	1-3C #6
9	1-2" Sch. 80	2-2C #14

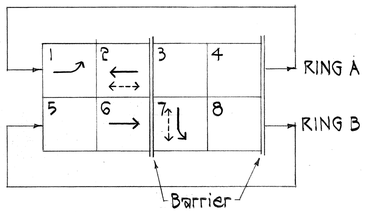
SIGNAL TIMING PLAN

		PHASE							
INTERVAL		1	2	3	4	5	6	7	8
WALK	0	0	10				0	6	
FLASH D/W	1	0	5				0	8	
MIN GREEN	2	2	20				20	3	
MAX INIT	3	0	0				0	0	
ADD/VEH	4	0	0				0	0	
VEH EXTEN	5	2	3				3	2	
MAX GAP	6	2	3				3	2	
MIN GAP	7	2	3				3	2	
MAX EXTEN	8	6	20				20	12	
MAX 2	9	6	20				20	12	
WALK 2	A	0	0				0	0	
CALL TO PHASE	B	0	0				0	0	
REDUCE BY	C	0	0				0	0	
REDUCE EVERY	D	0	0				0	0	
YELLOW	E	3	4				4	3	
RED CLEAR	F	1	1				1	1	



*Programmed Visibility Signal

SIGNAL INDICATIONS



PHASE DIAGRAM

Controller Assembly (Model 170 Traffic Signal Controller Units, Model-336 Cabinet & Auxiliary Equipment, Base Mounted)

NOTES:

1. Provide 18 feet minimum clearance between bottom of signal head or mast arm and existing pavement grade for Ⓐ & Ⓒ signal standards.
2. Contractor shall remove the flashing yellow light after the traffic signal system becomes operational. The yellow light fixture shall be delivered to Lihue Plantation Company. Arrangements shall be made with Mr. Hisao Ishimoto, telephone no. 245-7325.

NOTES:

1. Meter socket will not be allowed on utility owned poles.
2. Meter installed height shall be measured FR ℄ of meter to finish grade:
   - 5'-0" min.
   - 6'-0" max.
3. Provide a "One-Line Diagram," Electrical w/ Panel schedule.
4. All exposed PVC conduits shall be Schedule 80 Type.
5. Customer to provide first 10 ft. of conduit up riser pole, KECO to install remaining conduit w/ weatherhead.
6. No backfilling of trench will be done until after KECO inspection.
7. A service application w/ KECO is required prior to service installation.

SERVICE POLE DETAIL

Not to Scale

RISER POLE

Not to Scale

TRENCH DETAIL

Not to Scale

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

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

KUHIO HIGHWAY TRAFFIC SIGNALS AT HALEILIO ROAD

PROJECT NO. 56A-03-89

SCALE: 1" = 80' DATE: MAR. 21, 1989

SHEET No. 1 OF 1 SHEETS

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