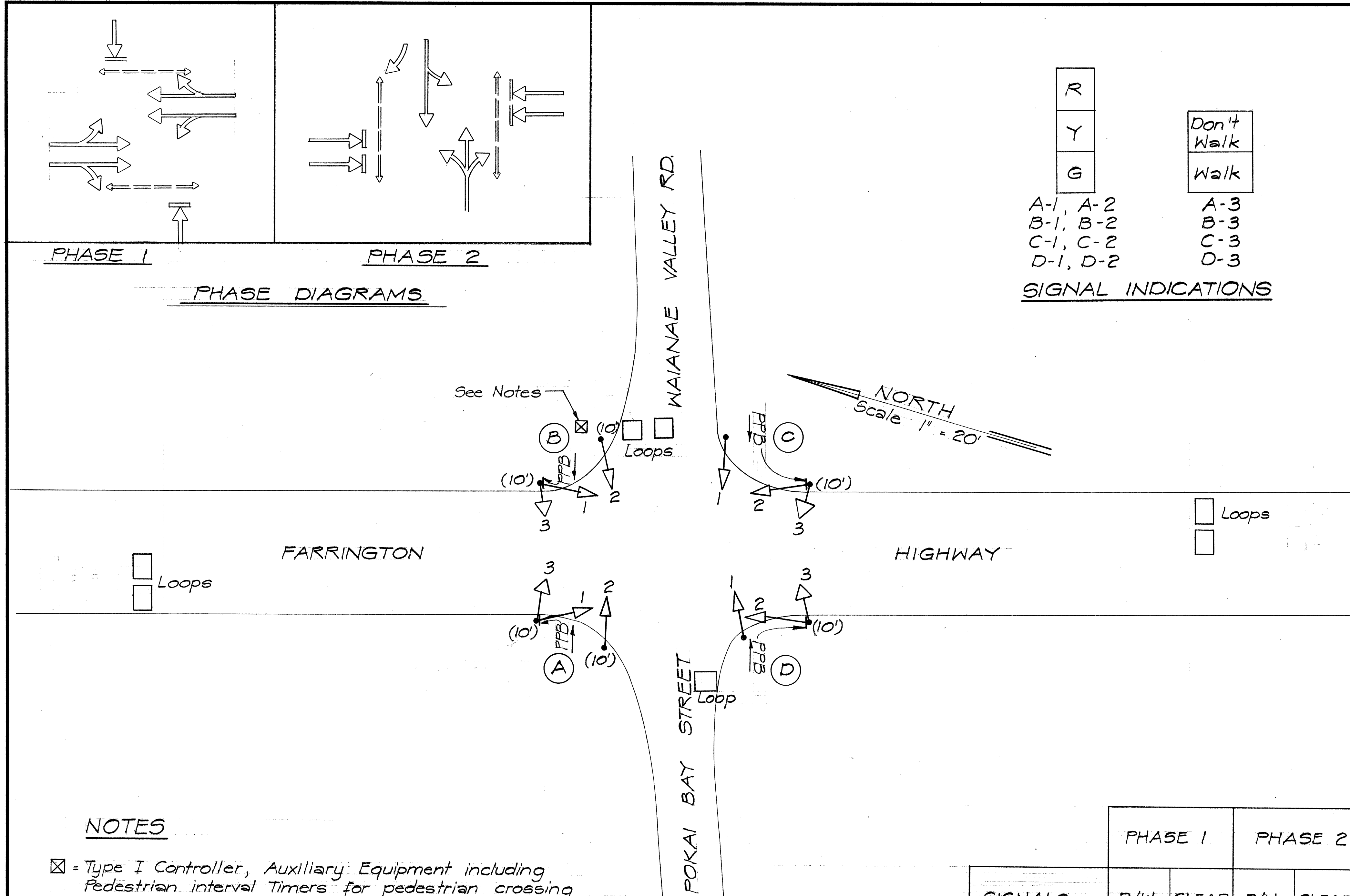


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	93A-01-71	1972	3	5



R	Don't Walk
Y	Walk
G	

A-1, A-2 A-3
B-1, B-2 B-3
C-1, C-2 C-3
D-1, D-2 D-3

SIGNAL INDICATIONS

NOTES

☒ = Type I Controller, Auxiliary Equipment including Pedestrian interval Timers for pedestrian crossing on Farrington Highway, 2 each Loop Detector Control Units, Signal Relays and Accessories in Type "G" Cabinet.

LAYOUT PLAN

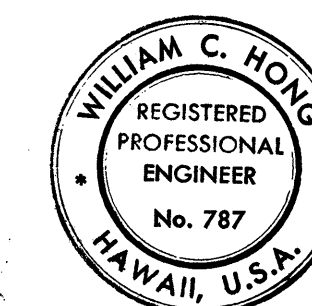
Scale 1" = 20'



GRAPHIC SCALE

	PHASE 1		PHASE 2		FLASH
SIGNALS	R/W	CLEAR	R/W	CLEAR	
A-1, B-1 C-2, D-2	G	Y	R	R	Y
A-2, B-2 C-1, D-1	R	R	G	Y	R
A-3, B-3 C-3, D-3	DW	DW	W	FDW	DW

SIGNAL INTERVAL SEQUENCE

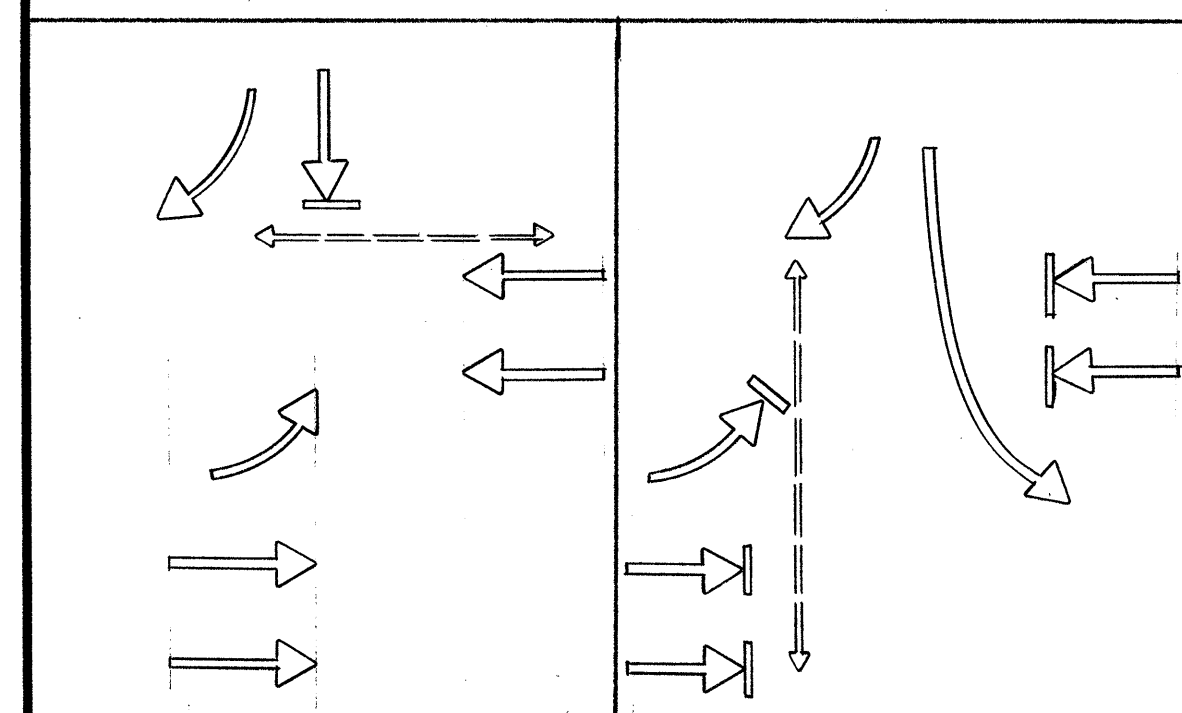


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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNALS
ON
FARRINGTON HIGHWAY AT
WAIANAE VALLEY ROAD
PROJECT No. 93A-01-71

Scale: As shown Date June 9, 1972
SHEET No. 1 OF 3 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	630A-01-72	1972	4	5



PHASE 1 PHASE 2

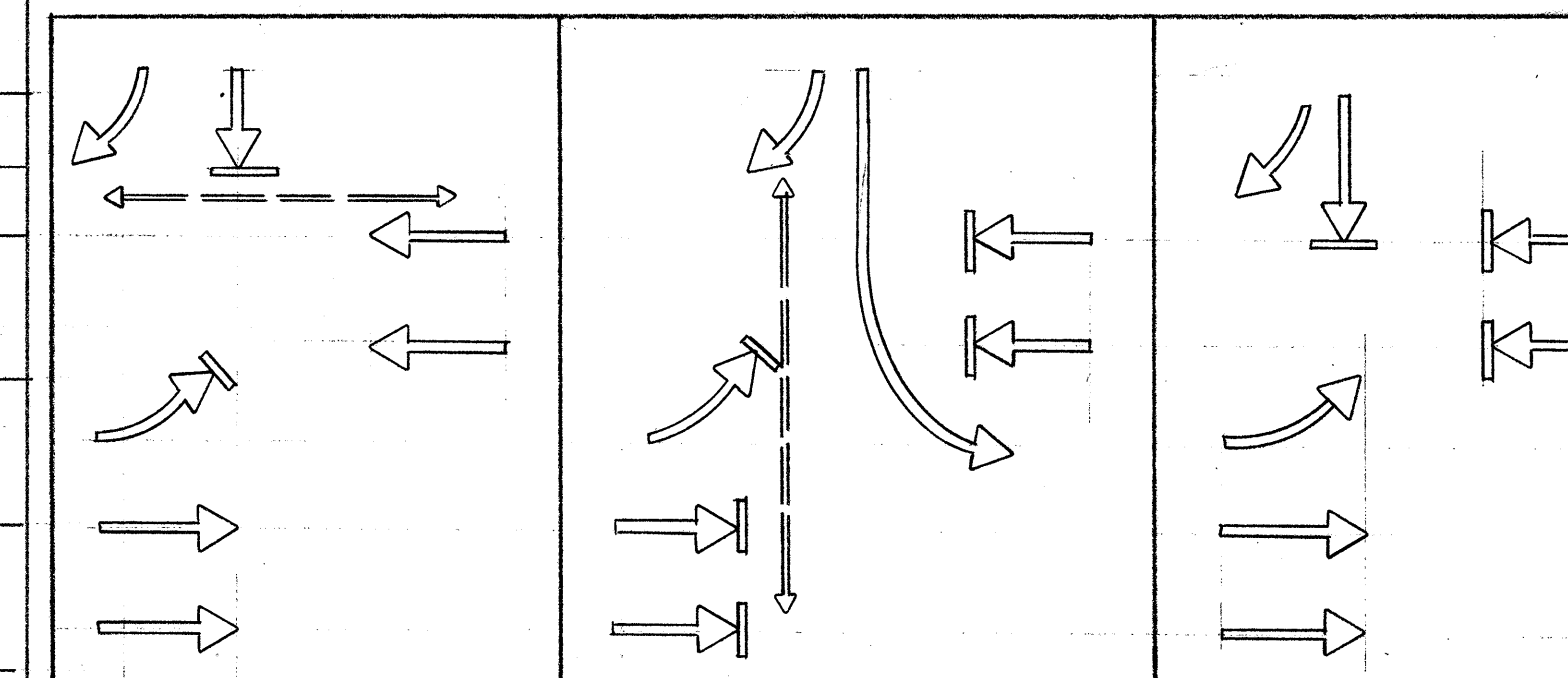
PHASE DIAGRAMS
(THIS CONTRACT)

	PHASE 1		PHASE 2		FLASH
SIGNALS	R/W	CLEAR	R/W	CLEAR	
B-1, C-1 F-1, F-3	↑	Y	R	R	Y
C-2, E-1	G	Y	R	R	Y
A-1	R	R	G	Y	R
F-2	R	R	←	Y	R
C-4, D-1	W FDW	DW	DW	DW	OFF
A-2, C-3	DW	DW	W FDW	DW	OFF

SIGNAL INTERVAL SEQUENCE
(THIS CONTRACT)

	PHASE 1		PHASE 2		PHASE 3		FLASH
SIGNALS	R/W	CLEAR	R/W	CLEAR	R/W	CLEAR	
B-1, C-1 F-1, F-3	↑	Y	R	R	R	R	Y
C-2	G	Y	R	R	R	R	Y
A-1	R	R	G	Y	R	R	R
F-2	R	R	←	Y	R	R	R
D-2	R	R	R	R	←	Y	R
E-1	R	R	R	R	←	Y	R
C-4, D-1	W FDW	DW	DW	DW	DW	DW	OFF
A-2, C-3	DW	DW	W FDW	DW	DW	DW	OFF

SIGNAL INTERVAL SEQUENCE FOR
FUTURE 3-PHASE OPERATION

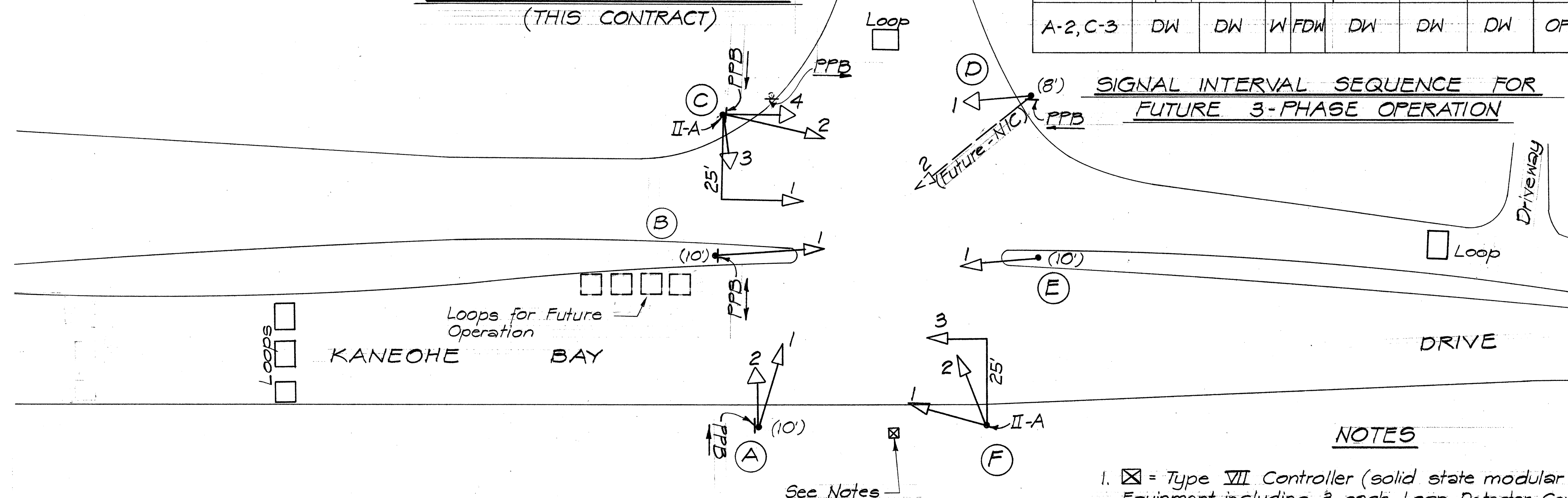


PHASE 1 PHASE 2 PHASE 3

PHASE DIAGRAMS (FUTURE)

R	R	R	Don't Walk
Y	Y	Y	Walk
←	↑	G	
D-2 E-1 F-2	B-1 C-1 F-1, F-3	A-1 C-2	A-2 C-3, C-4 D-1

SIGNAL INDICATIONS (FUTURE)



NOTES

1. ☒ = Type VII Controller (solid state modular type), auxiliary Equipment including 3 each Loop Detector Control Units, 2 ea. light Control Units & Accessories in Type "M" Cabinet.
2. Controller Modules required under this Contract :
Phase 1 = Type 202 - Vehicle and Pedestrian Timing
Phase 2 = Type 102 - Vehicle and Pedestrian Timing
Phase 3 = Unused - Blank Panel
Spare = Type 102 - Vehicle and Pedestrian Timing
3. Type VII Controller and Cabinet shall be manufactured and wired for operations shown in Phase Diagrams, Signal Indications and Interval Sequences under this Contract and for Future Operations. Future Controller Operations shall be attained by Insertion of Type 101 - Vehicle Timing Module into Controller and Installation of Light Control and Loop Detector Control Units into existing receptacles and connecting cables furnished under this Contract.

LAYOUT PLAN

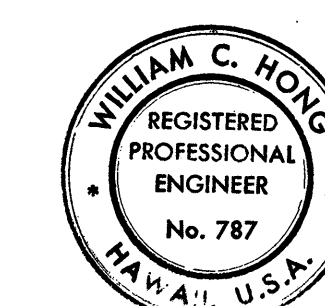
Scale 1" = 20'



GRAPHIC SCALE

R	R	R	Don't Walk
Y	Y	Y	Walk
←	↑	G	
F-2	B-1 C-1 F-1, F-3	A-1 C-2 E-1	A-2 C-3, C-4 D-1

SIGNAL INDICATIONS (THIS CONTRACT)



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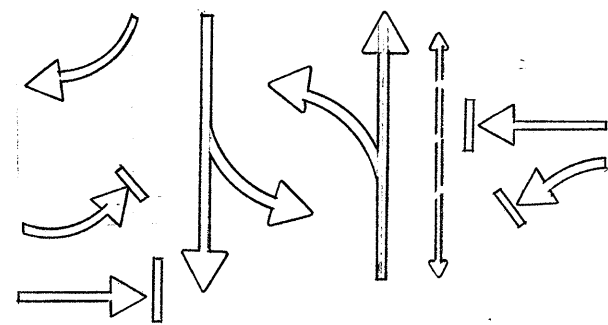
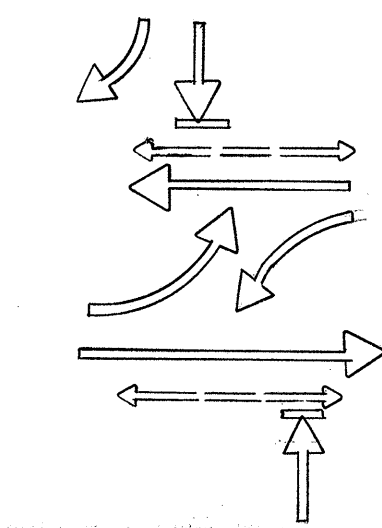
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL
ON
KANEOHE BAY DRIVE AT
PUOHALA STREET
PROJECT No. 630A-01-72

Scale: As shown June 9, 1972

SHEET No. 2 OF 3 SHEETS

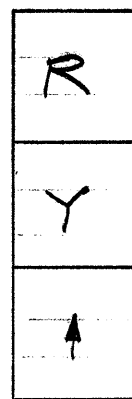
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	36A-01-71	1972	5	5



PHASE 1

PHASE 2

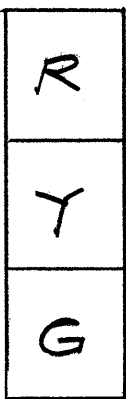
PHASE DIAGRAMS



A-2

C-1

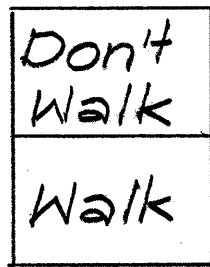
E-1



A-1

B-1

D-1, D-2, D-3



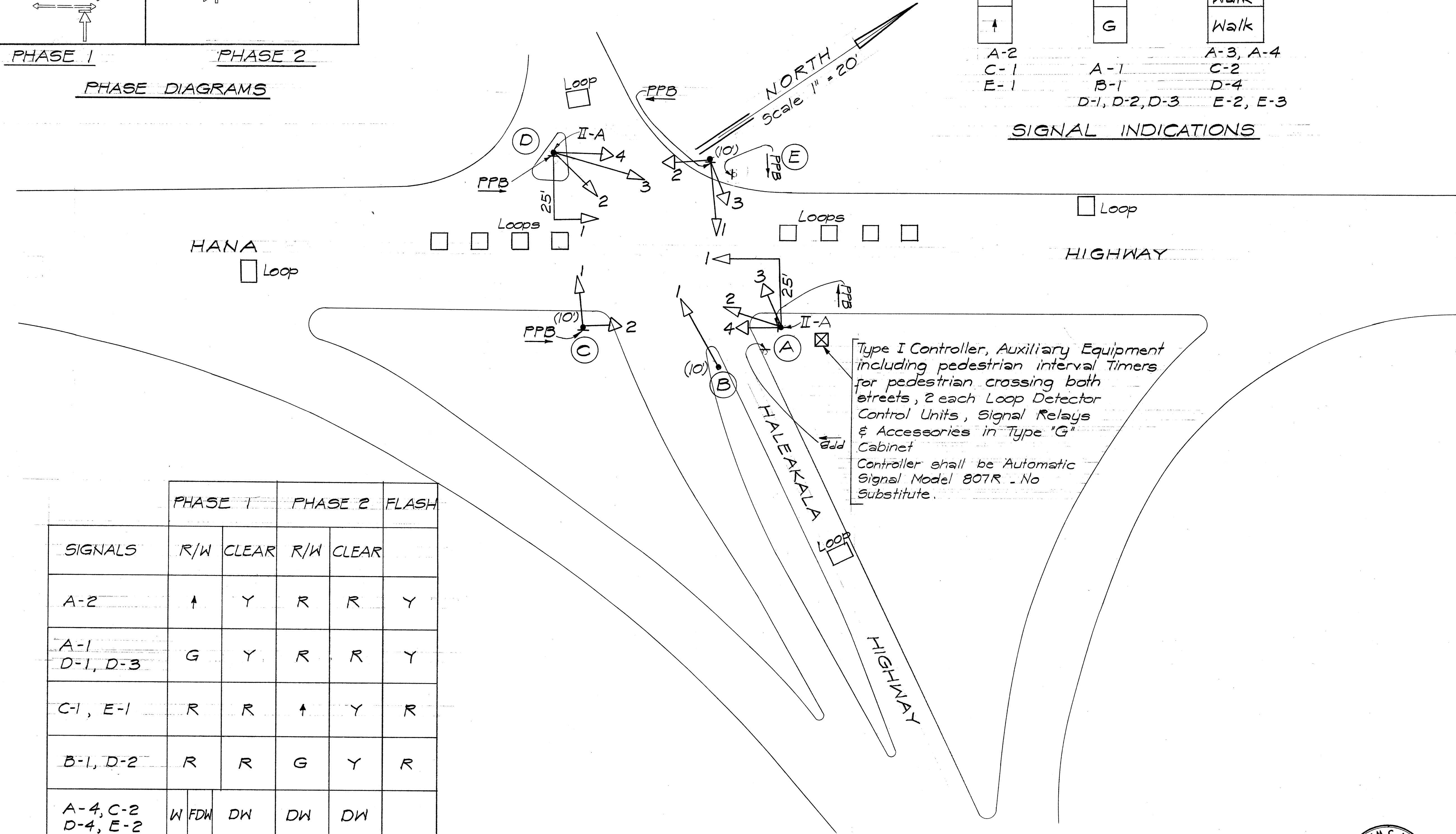
A-3, A-4

C-2

D-4

E-2, E-3

SIGNAL INDICATIONS

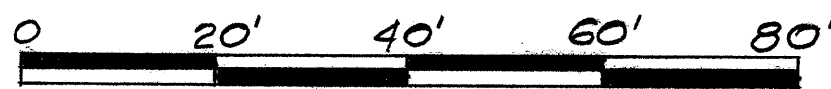


	PHASE 1		PHASE 2		FLASH
SIGNALS	R/W	CLEAR	R/W	CLEAR	
A-2	↑	Y	R	R	Y
A-1 D-1, D-3	G	Y	R	R	Y
C-1, E-1	R	R	↑	Y	R
B-1, D-2	R	R	G	Y	R
A-4, C-2 D-4, E-2	W FDM	DW	DW	DW	
A-3, E-3	DW	DW	W FDM	DW	

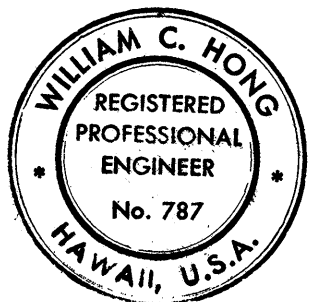
SIGNAL INTERVAL SEQUENCE

LAYOUT PLAN

Scale 1" = 20'



GRAPHIC SCALE



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William C. Hong

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNALS

ON
HANA HIGHWAY AT
HALEAKALA HIGHWAY
PROJECT No. 36A-01-71

Scale: As shown Date: June 9, 1972

SHEET No. 3 OF 3 SHEETS