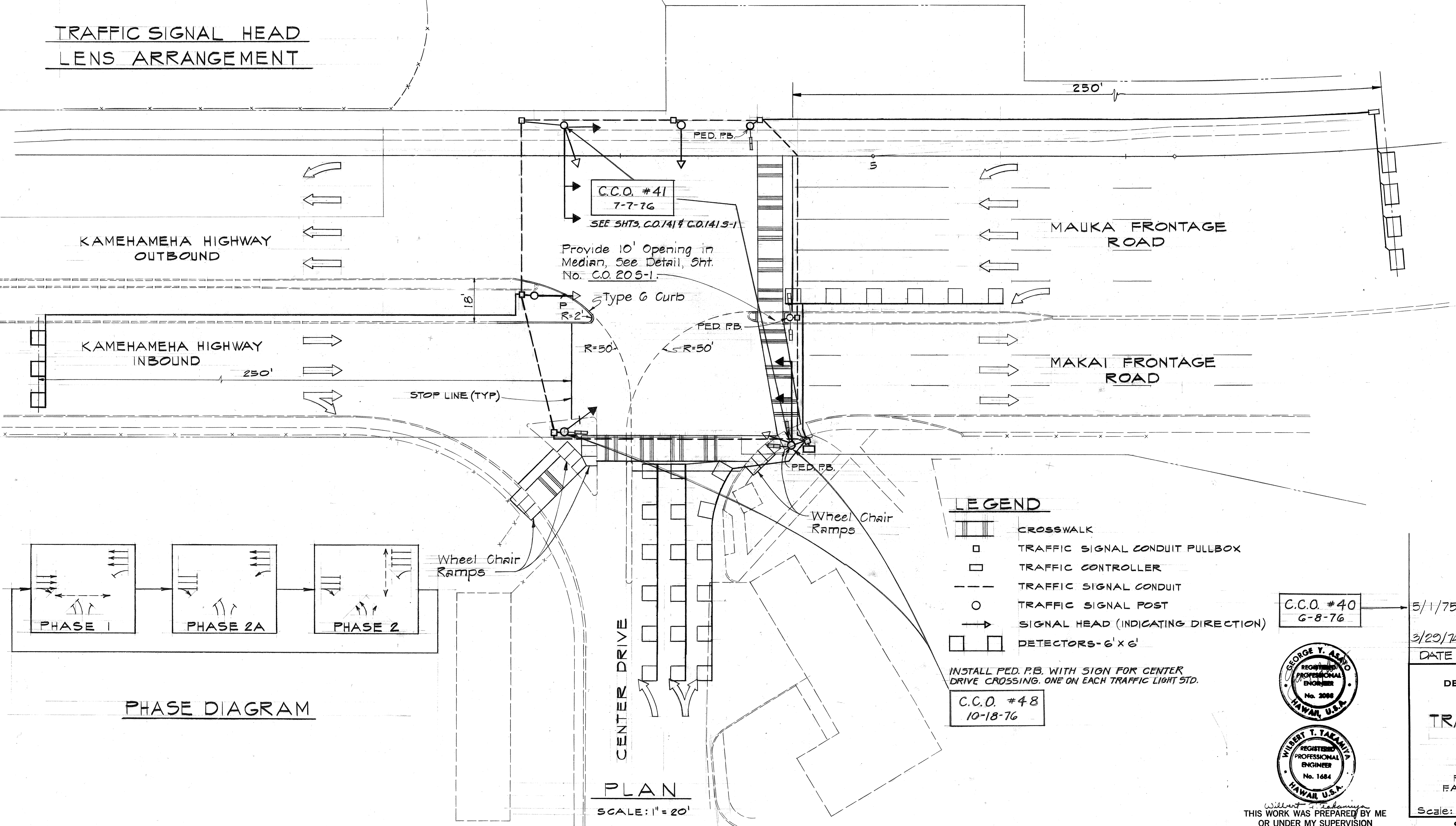
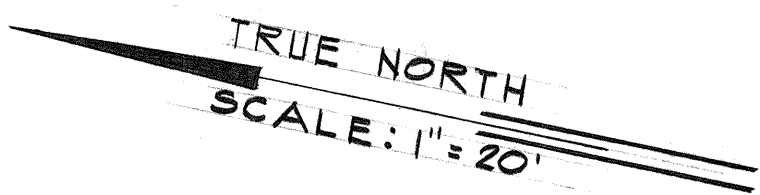
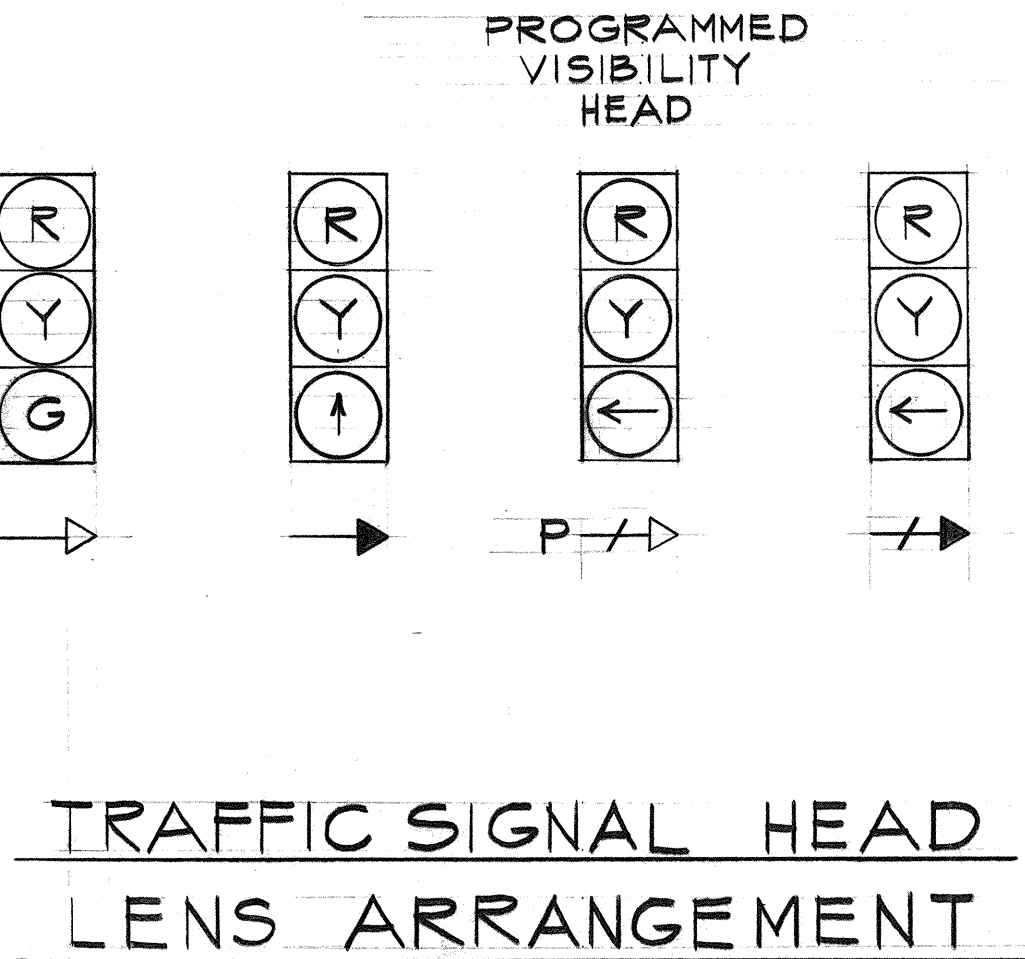


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(III)-14	1974	80	234

GENERAL NOTES:

- ALL CIRCULAR LENS FACES - 12 INCHES.
- PULLBOXES AND SIGNAL POSTS SHALL BE 2' CLEAR (MIN.) FROM FACE OF CURBING.
- FOR SIGNAL FACILITIES DETAIL AND CIRCUIT DIAGRAM, SEE ELECTRICAL PLANS.



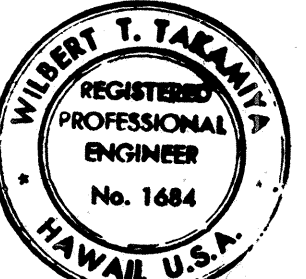
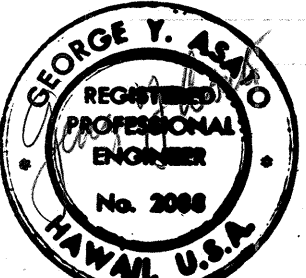
LEGEND

- CROSSWALK
- TRAFFIC SIGNAL CONDUIT PULLBOX
- TRAFFIC CONTROLLER
- TRAFFIC SIGNAL CONDUIT
- TRAFFIC SIGNAL POST
- SIGNAL HEAD (INDICATING DIRECTION)
- DETECTORS - 6' x 6'

INSTALL PED. P.B. WITH SIGN FOR CENTER DRIVE CROSSING. ONE ON EACH TRAFFIC LIGHT STD.

C.C.O. #48
10-18-76

C.C.O. #40
6-8-76



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

5/1/75	Revise Striping, Traffic Signal System & Wheel Chair Ramps.
3/29/74	RELOCATE HEADS AND POLES

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL SYSTEM

KAMEHAMEHA HIGHWAY
AT
CENTER DRIVE

PEARL HARBOR INTERCHANGE
F.A.I. PROJ. No. I-HI-1 (III)-14

Scale: As Shown Date: DEC. 14, 1973
SHEET NO. 2 OF 2 SHEETS

C.O. ADD. 80

1. STANDARD (A)
INSTALL (NEW):
 * a) PED. SIGNALS & TYPE IV
 MTG.
 * b) PED. SIGNS & PUSH
 BUTTONS

REMOVE:
a) HORIZ. FLASHING GREEN
ARROWS

INSTALL (NEW):
a) PROGRAMMED VISIBILITY
RY ← SIGNAL W/ EXIST. 12"
SIGNAL & TYPE I MTR.

REMOVE:

a) EXIST. B" SIGNAL

INSTALL (NEW):

a) 12' PYG SIGNAL

* b) PED. SIGNALS & TYPE II
MTG.

* c) PED. SIGNS & PUSH
BUTTONS.

REMOVE:

A) REMOVE EXIST. B¹ SIGNALS

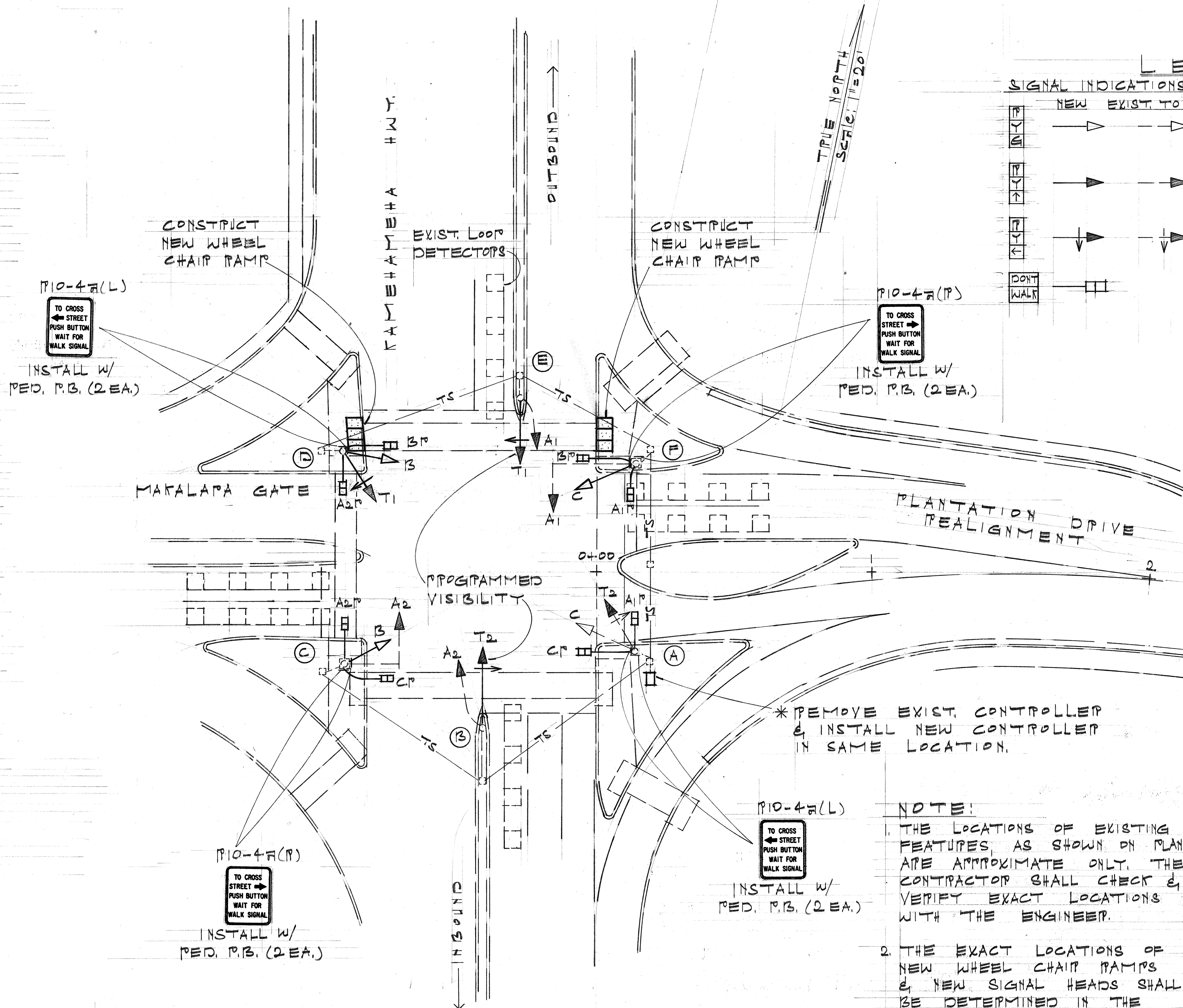
INSTALL (NEW):

A) 12" PY ← 1 PYG SIGNALS
1 TYPE II MTG.

* B) PED. SIGNALS 1 TYPE II
MTG.

* C) PED. SIGNALS 1 PUSH
BUTTONS *

5. INSTALL ADDITIONAL 1-19C#14
CONTROL CABLE IN EXISTING
CONTROL CABLE CONDUIT.



* INSTALLED BY CITY & COUNTY
DOTS, FURNISH & DELIVER
THESE ITEMS TO THE
CITY'S BASEYARD

SIGNAL INDICATIONS		TRAFFIC SIGNAL SYSTEM	
	NEW EXIST. TO REMAIN		
P Y E	→ — →	— TS —	EXIST. TRAFFIC SIGNAL CONTROL CABLE
P Y ↑	→ — →	[]	EXIST. PULLBOX

* REMOVE EXIST. CONTROLLER
& INSTALL NEW CONTROLLER
IN SAME LOCATION.

NOTE:

1. THE LOCATIONS OF EXISTING FEATURES, AS SHOWN ON PLAN, ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL CHECK & VERIFY EXACT LOCATIONS WITH THE ENGINEER.
2. THE EXACT LOCATIONS OF NEW WHEEL CHAIR RAMPS & NEW SIGNAL HEADS SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.

C.C.O. #53
12-29-76

10-1-76	ADDED * NOTE
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DATE	REVISION
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL SYSTEM
KAMEHAMEHA HWT.

MANALAPA GATE
PEARL HARBOR INTERCHANGE

SCALE: 1" = 20' SEPT. 1970

SHEET No. 1 OF 2 SHEETS

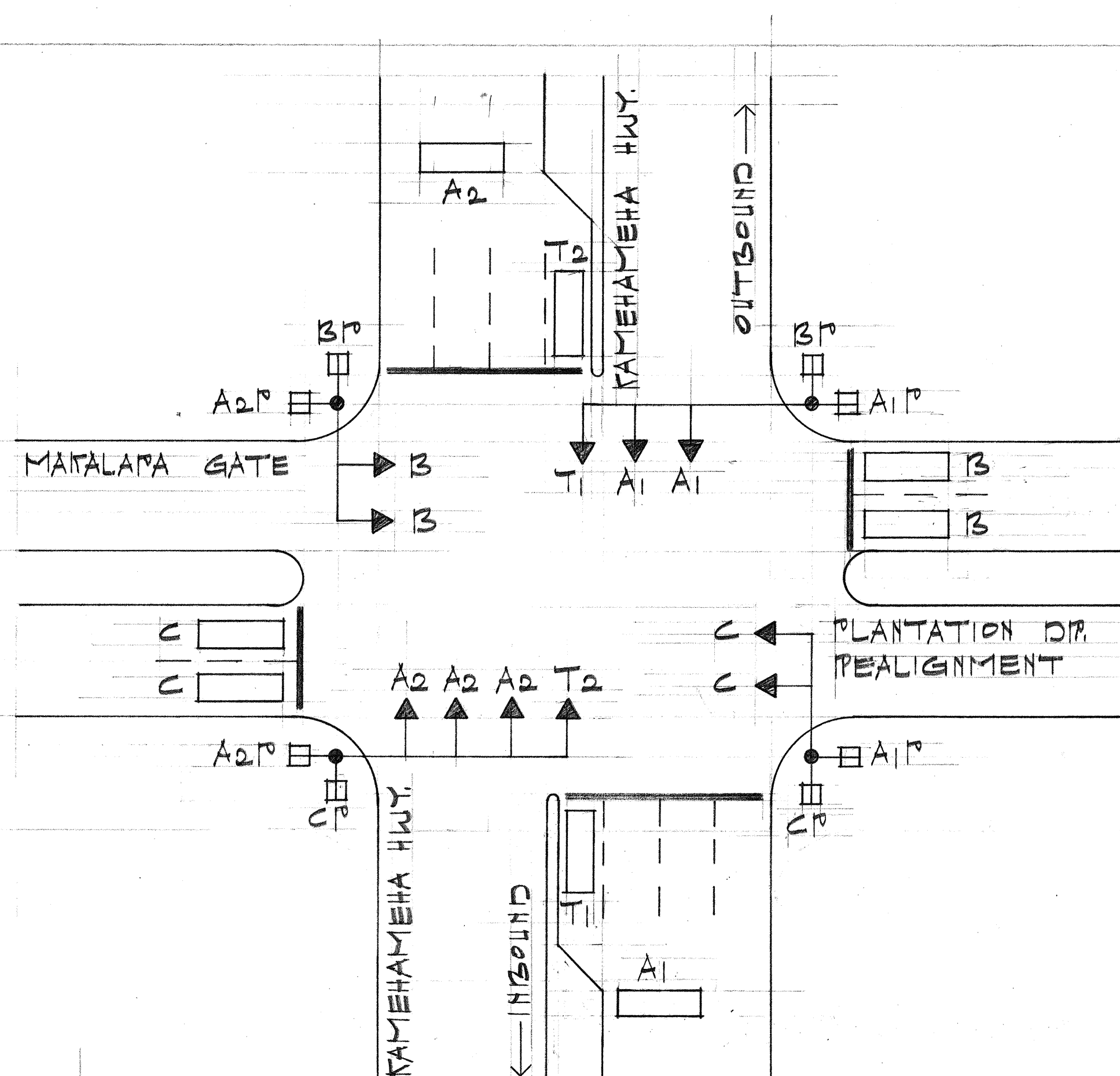
LEGEND
G GREEN BALL
Y YELLOW BALL
← G GREEN ARROW
P PED BALL
D DONT WALK

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-1(111)4	1976	CR205-1	234

GENERAL NOTES

1. ANY ACTUATED PHASE, FOR WHICH THERE IS NO CALL, SHALL BE STOPPED.
2. WHEN ONE PHASE IS ON ALONE, ANY NON-CONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL.
3. "*" - CLEARANCE TO A PHASE IN CONFLICT WITH THIS PHASE ON (SEE DIAGRAMS).
4. "*" - WHEN CALLED, TIMES STEADY WALK, THEN FLASHING DONT WALK, THEN GOES STEADY DONT WALK (OPTIONAL DISPLAY USING A FLASHING WALK OR STEADY DONT WALK PEDESTRIAN CLEAR SHALL BE PROVIDED).
5. FIRE PREEMPTION SHALL PROVIDE A GREEN INDICATION FOR PHASE 4, ADJUSTABLE FROM 0-90 SECONDS.
6. A COORDINATING UNIT SHALL BE PROVIDED.
7. FLASHING OPERATION
A1 & A2: Y
B & C: P
ALL OTHERS BLANK.

P H A S E	P/W	P H A S E 1 (T ₁)					P/W	P H A S E 2 (A ₂)					P/W	P H A S E 3 (B)					P/W	P H A S E 4 (C)					P/W	P H A S E 5 (T ₂)					P/W	P H A S E 6 (A ₁)				
		C L E A P T O						C L E A P T O						C L E A P T O						C L E A P T O						C L E A P T O										
		*	*					*	*					*	*					*	*					*	*					*	*			
1 (T ₁)	← G	Y	P				P	P	P				P	P	P				P	P	P				P	P	P									
2 (A ₂)	P	P	P				G	Y	P				P	P	P				P	P	P				P	P	P									
3 (B)	P	P	P				P	P	P				G	Y	P				P	P	P				P	P	P									
4 (C)	P	P	P				P	P	P				P	P	P				G	Y	P				P	P	P									
5 (T ₂)	P	P	P				P	P	P				P	P	P				P	P	P				← G	Y	P									
6 (A ₁)	P	P	P				P	P	P				P	P	P				P	P	P				P	P	P									
2 ^P (A ₂ ^P)	D	D	D				*	D	D				D	D	D				D	D	D				D	D	D									
3 ^P (B ^P)	D	D	D				D	D	D				*	D	D				D	D	D				D	D	D									
4 ^P (C ^P)	D	D	D				D	D	D				D	D	D				*	D	D				D	D	D									
6 ^P (A ₁ ^P)	D	D	D				D	D	D				D	D	D				D	D	D				D	D	D									



TYPICAL G-PHASE FULL ACTUATED
CONTROLLED SEQUENCE DIAGRAM

PHASE	NON-CONFLICTING PHASE ALLOWED TO TIME CONCURRENTLY	PHASES IN CONFLICT WITH PHASE ON
1 (T ₁)	5 OR 6	2 - 3 - 4
2 (A ₂)	5 OR 6	1 - 3 - 4
3 (B)		1 - 2 - 4 - 5 - 6
4 (C)		1 - 2 - 3 - 5 - 6
5 (T ₂)	1 OR 2	3 - 4 - 6
6 (A ₁)		3 - 4 - 5

C.C.O. #53
12-29-76

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PHASE DIAGRAMS
KAMEHAMEHA HWY.
AT
MATALAPA GATE
PEARL HARBOR INTERCHANGE
PROJ. NO. I-H-1(111)4
NOT TO SCALE SEPT. 1976
SHEET NO. 2 OF 2 SHEETS

C.O. 80 S-2