

CONSTRUCTION NOTES

- STANDARD (A)
INSTALL (NEW):
a) PED. SIGNALS & TYPE V MTG.
b) PED. PUSH BUTTONS & P10-4A SIGNS.

- STANDARDS (B) & (E)
REMOVE:
a) HORIZ. FLASHING GREEN ARROWS
INSTALL (NEW):
a) 12" PROGRAMMED VISIBILITY PY< SIGNAL W/ EXIST. 12" SIGNAL & TYPE I MTG.

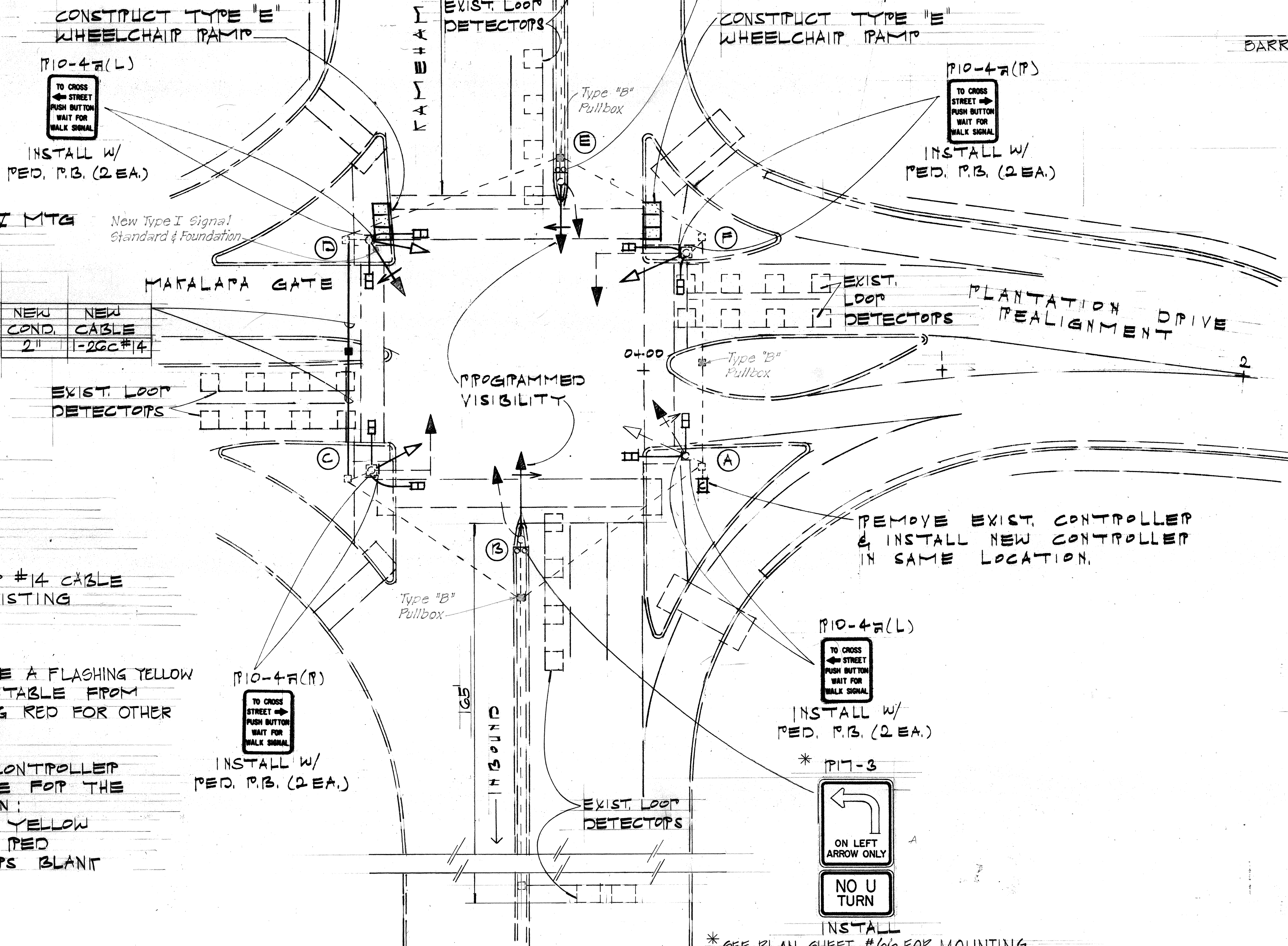
- STANDARDS (C) & (F)
REMOVE:
a) EXIST. 8" SIGNAL
INSTALL (NEW):
a) 12" PY< SIGNAL & TYPE IV MTG.
b) PED. SIGNALS & TYPE V MTG.
c) PED. PUSH BUTTONS & P10-4A SIGNS.

- STANDARD (D)
REMOVE:
a) REMOVE EXIST. 8" SIGNALS
INSTALL (NEW):
a) 12" PY< & PY< SIGNALS & TYPE I MTG.
b) PED. SIGNALS & TYPE V MTG.
c) PED. PUSH BUTTONS & P10-4A SIGNS.

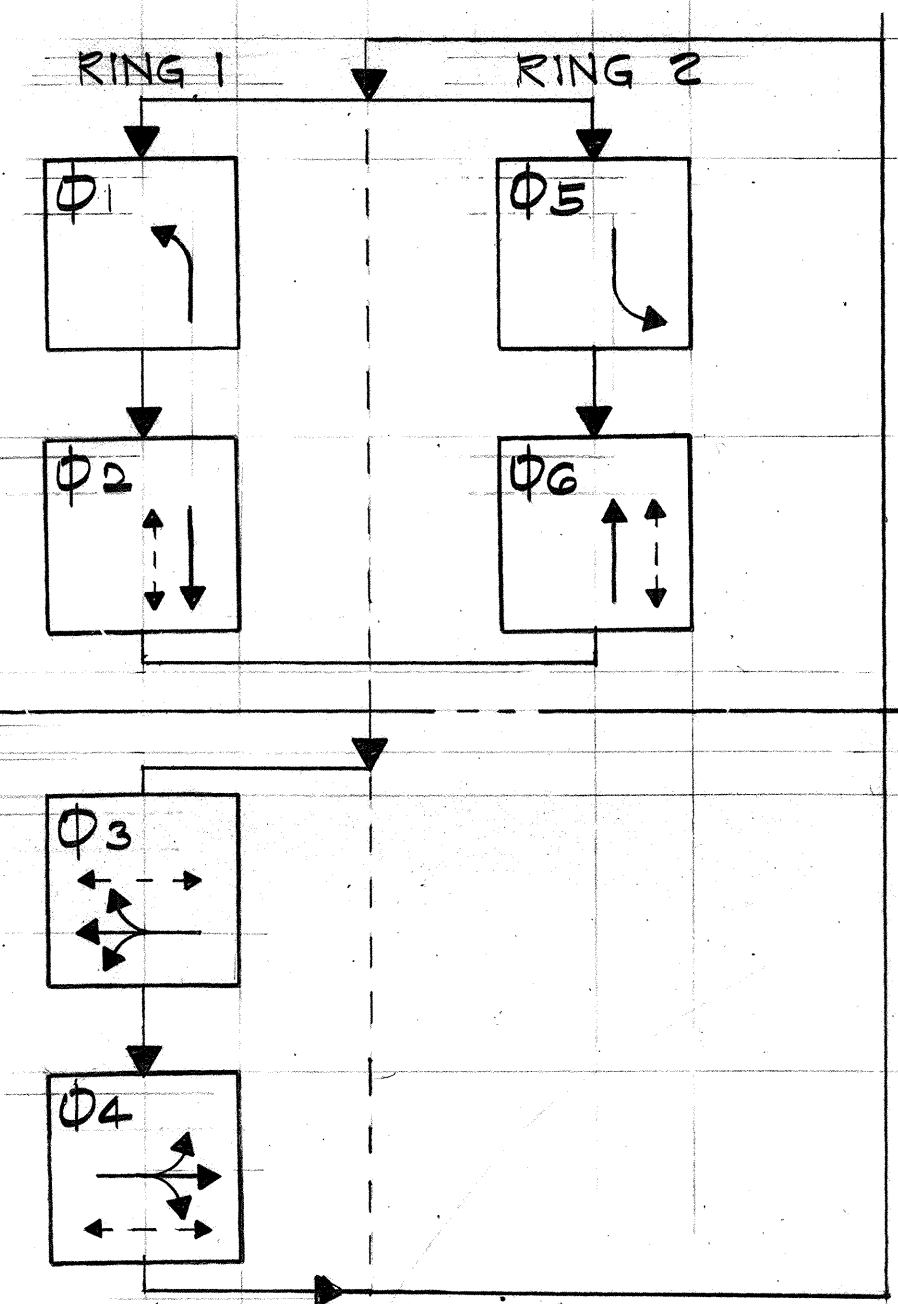
- INSTALL NEW 26 CONDUCTOR #14 CABLE & NEW 2" CONDUIT ALONG EXISTING LOOP CONTROL CABLE.

- PIPE PREEMPTION SHALL PROVIDE A FLASHING YELLOW INDICATION FOR PHASE 4 ADJUSTABLE FROM 0 TO 90 SECONDS AND FLASHING RED FOR OTHER PHASES.

- THE NEW TRAFFIC SIGNAL CONTROLLER SHALL BE WIRED TO PROVIDE FOR THE FOLLOWING FLASHING OPERATION:
Φ2 & Φ6 : YELLOW
Φ3 & Φ4 : RED
ALL OTHERS BLANK



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-0375	1978	52	79



PHASING DIAGRAM

DATE	DATE	DATE	DATE	DATE	DATE
ORIGINAL PLAN	TRACED BY	DESIGNED BY	QUANTITIES BY	CHECKED BY	
NO.					

12-15-77	Note 6 Revision
11-15-77	NEW CONDUIT, CABLE, PULLBOX & NOTE #5.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**UPGRADE TRAFFIC SIGNALS
AT VARIOUS INTERSECTIONS**
KAMEHAMEHA HWY. - MAKALAPA GATE
PROJ. NO. HWY-0-03-75
SCALE: 1"=20' DATE: April, 1977
SHEET No. 48 OF 49 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-0-03-75	1978	53	79

QUANTITY SUMMARY		
KAMEHAMEHA HWY. - MAKALAPA GATE		
ITEM NO.	QUANT.	DESCRIPTION
G21.5300	2 EA.	P17-3 SIGN W/ POST
G23.3011	1 EA.	ONE NEW 12" PY← TRAFFIC SIGNAL HEAD & ONE NEW 12" PYG TRAFFIC SIGNAL HEAD W/ TYPE II MOUNTING.
G23.3014	2 EA.	ONE NEW 12" PY← PROGRAMMED VISIBILITY TRAFFIC SIGNAL HEAD & ONE RELOCATED 12" PY↑ TRAFFIC SIGNAL HEAD W/ TYPE II MOUNTING
G23.3031	2 EA.	ONE NEW 12" PYG TRAFFIC SIGNAL HEAD W/ TYPE IV MOUNTING.
G23.4200	4 EA.	TWO NEW PEDESTRIAN SIGNAL HEADS W/ TYPE V MOUNTING.
G23.4600	8 EA.	PEDESTRIAN PUSH BUTTON W/ P10-4R SIGN.
G23.2001	1 EA.	ONE NEW MULTI-PHASE TRAFFIC SIGNAL CONTROLLER
G23.7030	445 LIN.FT.	ONE 26 CONDUCTOR NO. 14 LOOP CONTROL CABLE.
G23.5000	445 LIN.FT.	ONE 2" CONDUIT
G23.6010	1 EA.	TYPE "B" PULLBOX
G50.0050	2 EA.	TYPE "E" WHEELCHAIR RAMP
	550 L.F.	PEDESTRIAN PUSHBUTTON CONTROL CABLE (1-2c #14)

11-15-77	QUANTITY SUMMARY
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

UPGRADE TRAFFIC SIGNALS
AT VARIOUS INTERSECTIONS

KAMEHAMEHA HWY-MAKALAPA GATE
PROJ. NO. HWY-0-03-75

SCALE: Not to Scale DATE: April, 1977

SHEET NO. 49 OF 49 SHEETS

ORIGINAL
PLAN

NO.

SURVEY PLOTTED BY

DATE

DRAWN BY

TRACED BY

DESIGNED BY

CHECKED BY