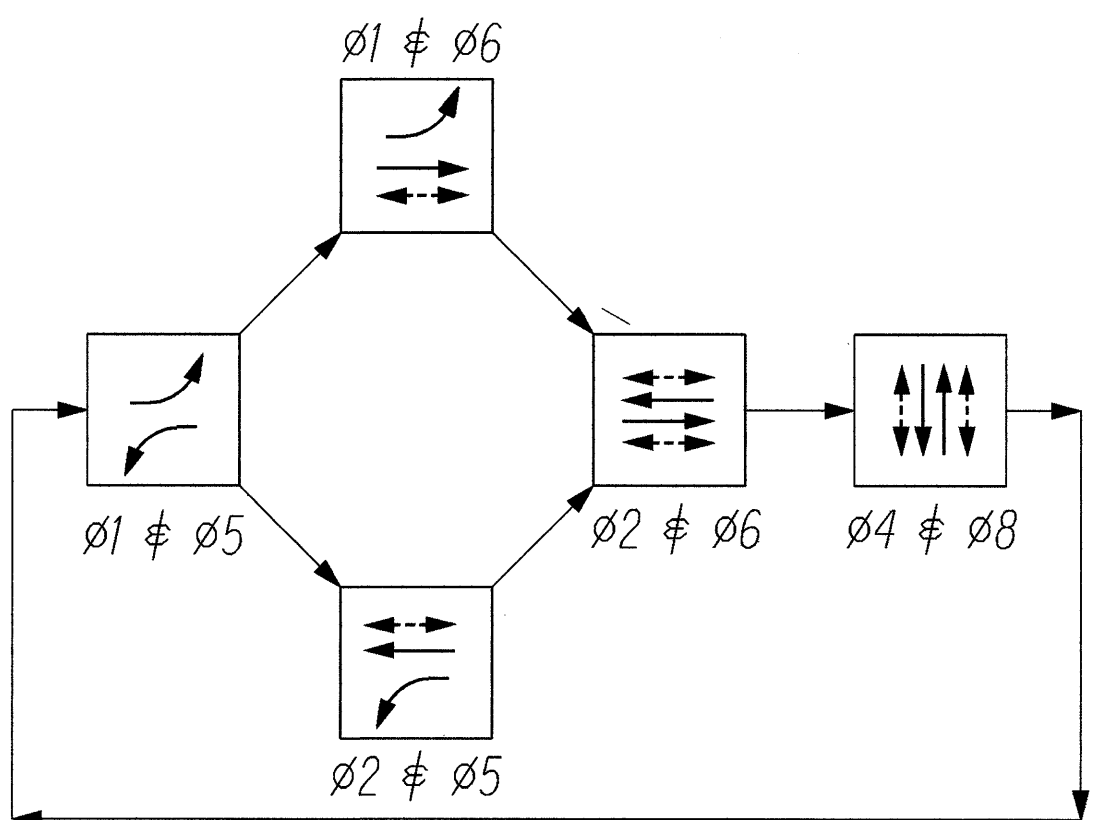
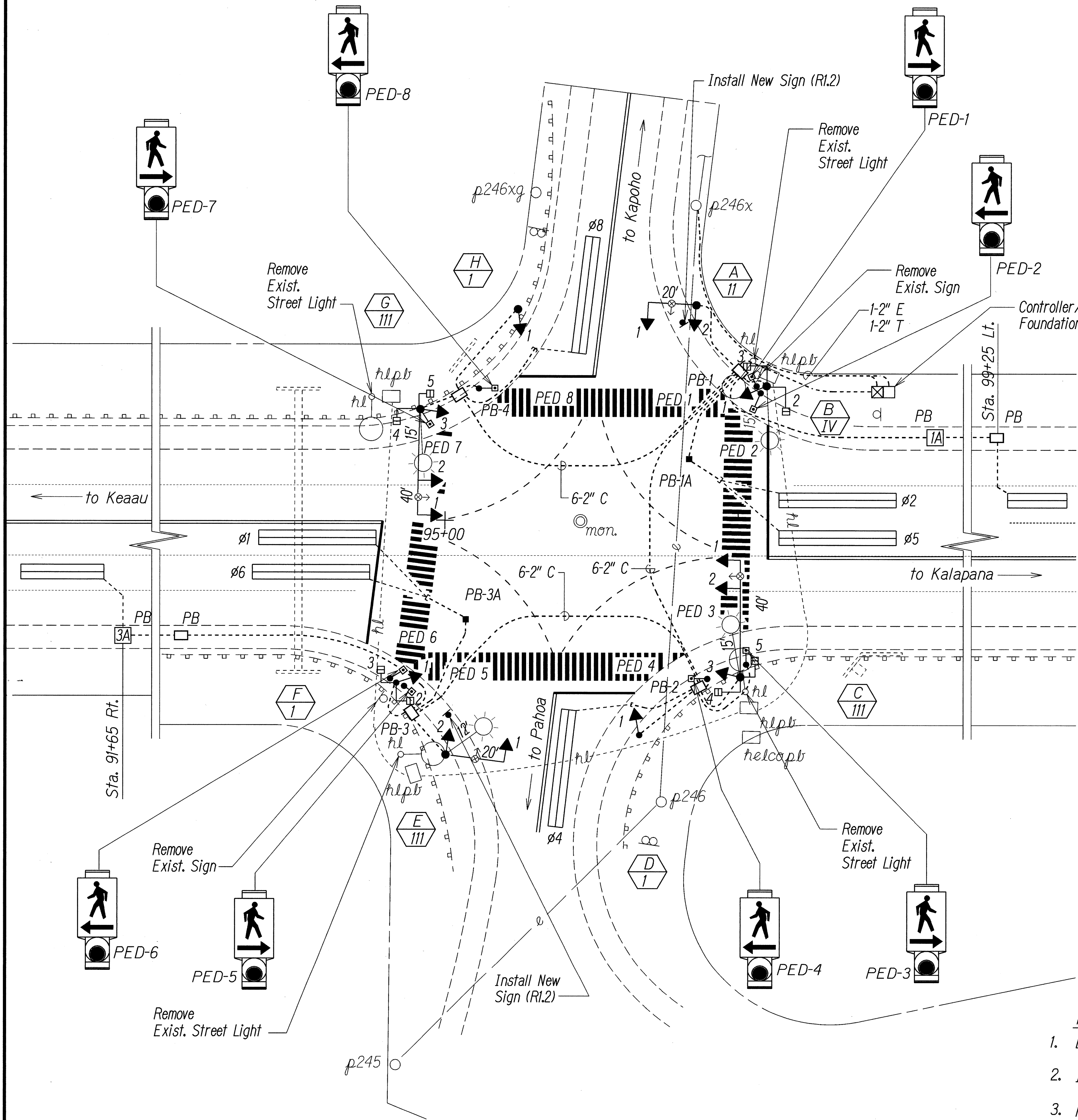
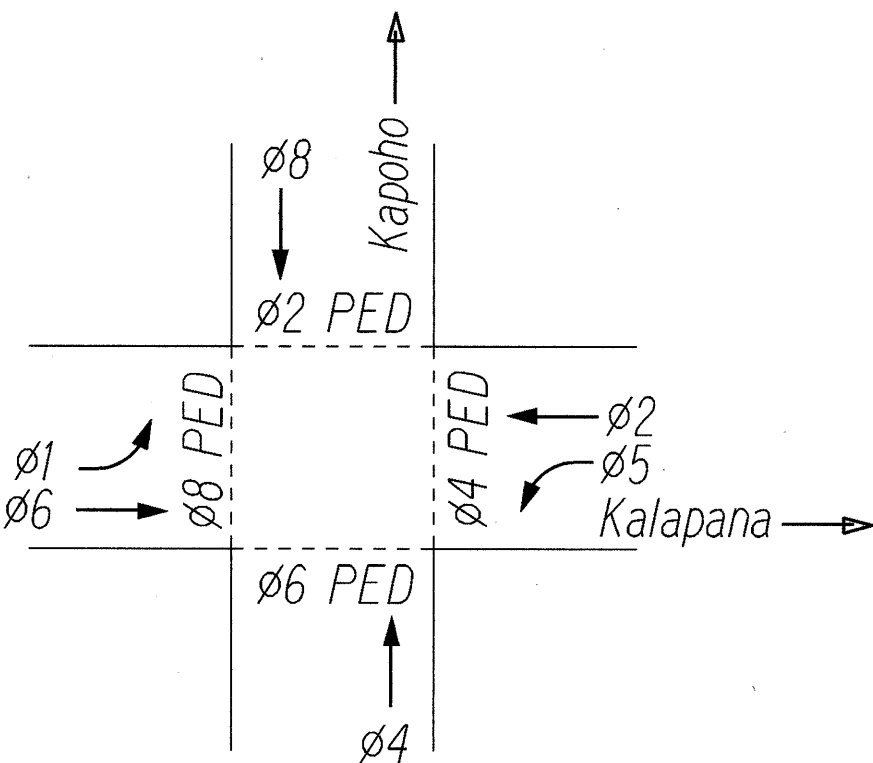




PHASING DIAGRAM
Scale: none



PHASE ASSIGNMENTS
Scale: none

TRAFFIC SIGNAL HEAD SCHEDULE				
Traffic Signal Head Type and Description				
Pole Letter Signal Head Number	B-1 I * C-1 VI F-1 I * G-1 VI	C-2 VI G-2 VI	A-1 I A-2 V C-3 V D-1 I E-1 I G-3 V H-1 I	B-2 VII B-3 VII C-4 VII C-5 VII F-2 VII F-3 VII G-4 VII G-5 VII
*R10-12 Sign on Mastarm (Left Turn Yield on Green Ball)				

NOTES:

1. Loop Wires to be per County of Hawai'i Specifications
2. Install Wireless Advance Detectors.
3. Remove existing Street Light Pullboxes, Foundations, Poles, Transformer Bases, Fixtures and Return to Traffic Division.

6/25/01 Relocate Traffic Signal Standards

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

KEAAU-PAHOA ROAD

Installation of Traffic Signals at

Pahoehoe-Kapoho Road

Project No. 130A-01-99

Scale: 1" = 20'

Date: June, 2001

SHEET No. 1 OF 2 SHEETS

C.O. 11

CONDUIT - CABLE TABLE																						
FROM	TO	MAIN CONTROL		SIGNAL CONTROL		DETECTORS				POWER		TELEPHONE		STREET LIGHTS						SPARE	REMARKS	
		Conduit	Cable	Conduit	Cable	Conduit		Cable		Conduit	Cable	Conduit	Cable	Conduit	Cable	Pre-Emt.	Conduit	Video	Conduit			
		2"	26 Conductor 1-9C #14	1.5"	4 Conductor #14	1"	2"	2"	PED 2-#16	VEH 2-#16	2"	1-3C #2 & 1-1C #8 GRD.	1"		1"	2"	1-2C #10		2"			2"
PB-1	POLE A			●	2												1	●				
PB-1	POLE B			●	4	2			2					●		1						
PB-1	PB-1A							●		2												
PB-1	PB-4	●	1				●	●	2	1					●	1	1	●		●	Splice PED-1 & PED-8/PED-2 & PED-3 in PB-1	
PB-4	POLE H			●	1																	
PB-4	POLE G			●	5									●		1	1	●				
PB-4	PED-7					●			1													
PB-4	PED-8					●			1													
PB-1	PB-2	●	1				●	●	3	5					●	1	2	●		●	Splice PED-6 & PED-7 in PB-1	
PB-2	POLE C			●	5									●		1	1	●				
PB-2	POLE D			●	1																	
PB-2	PED-3					●			1													
PB-2	PED-4					●			1													
PB-2	PB-3	●	1				●	●	2	4					●	1	1	●		●	Splice PED-4 & PED-5 in PB-2	
PB-3	POLE E			●	2									●		1	1	●				
PB-3	POLE F			●	4	2			2													
PB-3	PB-3A							●		2												
PB-1	Cont.	●	1				●	●	4	10							4	●		●		
p 246X	Meter										●	3 - #2									For UPS Power	
Meter	UPS										●	3 - #4									For Controller Power	
UPS	Cont.										●	3 - #4										
p 246X	Cont.												●	By HTCO							Future Communication	
Meter	PB-1														●	1						

PANEL 120/240V 1Ø 3W NEMA 3R ENCLOSURE 50A LUGS ONLY LOAD CENTER W/DOOR BKR 1C=10,000A						
CKT	DESCRIPTION	AØ	BØ	BKR	WIRE	
1	TRAFFIC CONTROLLER	20		1P70A	#4	
2	SPARE			1P70A		
3	PFB					
4	PFB					

- PANEL SCHEDULE
- SERVICE DATA
- Service Voltage: 1Ø, 120/240V,3W
 - Load Data: Connected 3.5KVA
Estimated Demand - 2.0KVA
 - Service Conductors: 3 #4
 - Metering: Meter Standard B5: Rate G
 - Type: Underground
 - Billing Information: Highways Division
Department of Transportation
State of Hawaii

6/25/01	Revise Conduit - Cable Table
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

KEAAU-PAHOA ROAD
Installation of Traffic Signals at
Pahoa-Kapoho Road
Project No. 130A-01-99

Scale: NTS Date: April, 2000

SHEET No. 2 OF 2 SHEETS