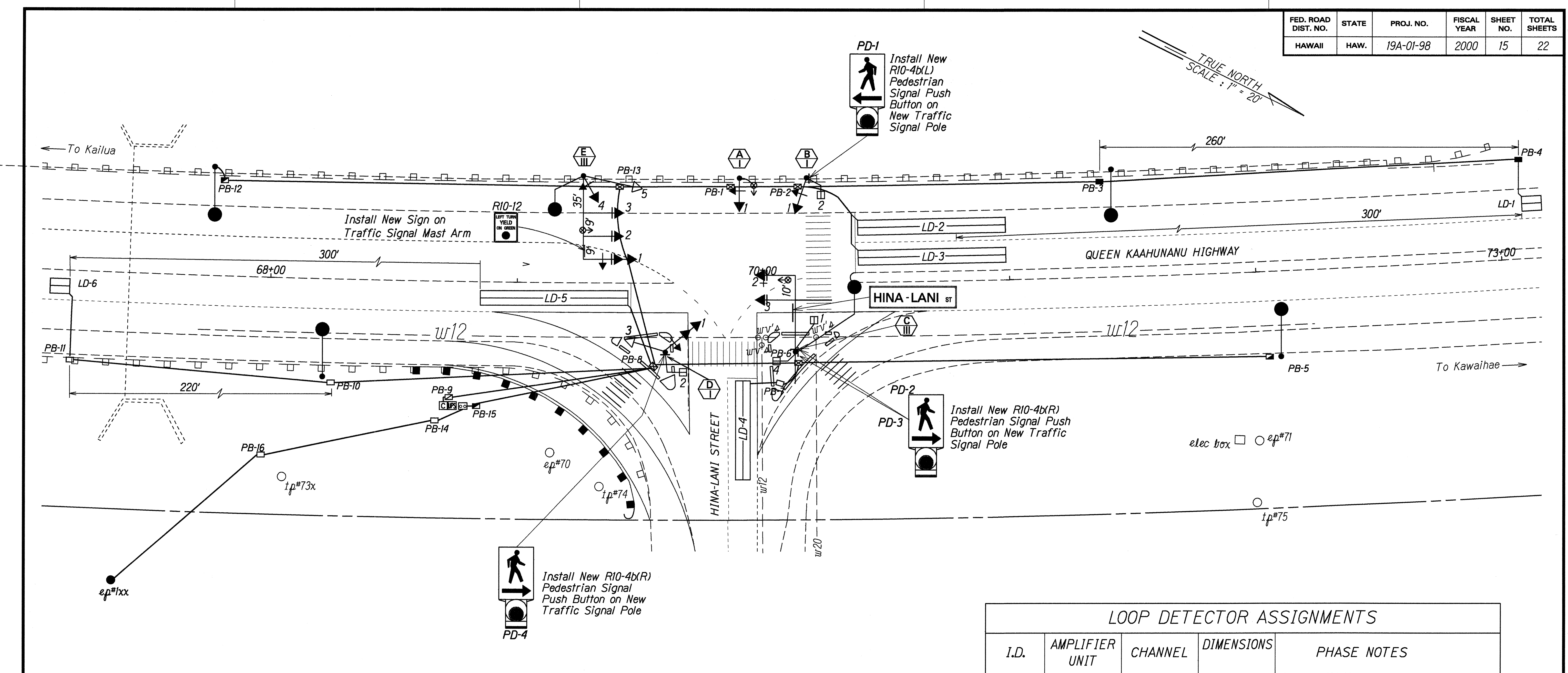


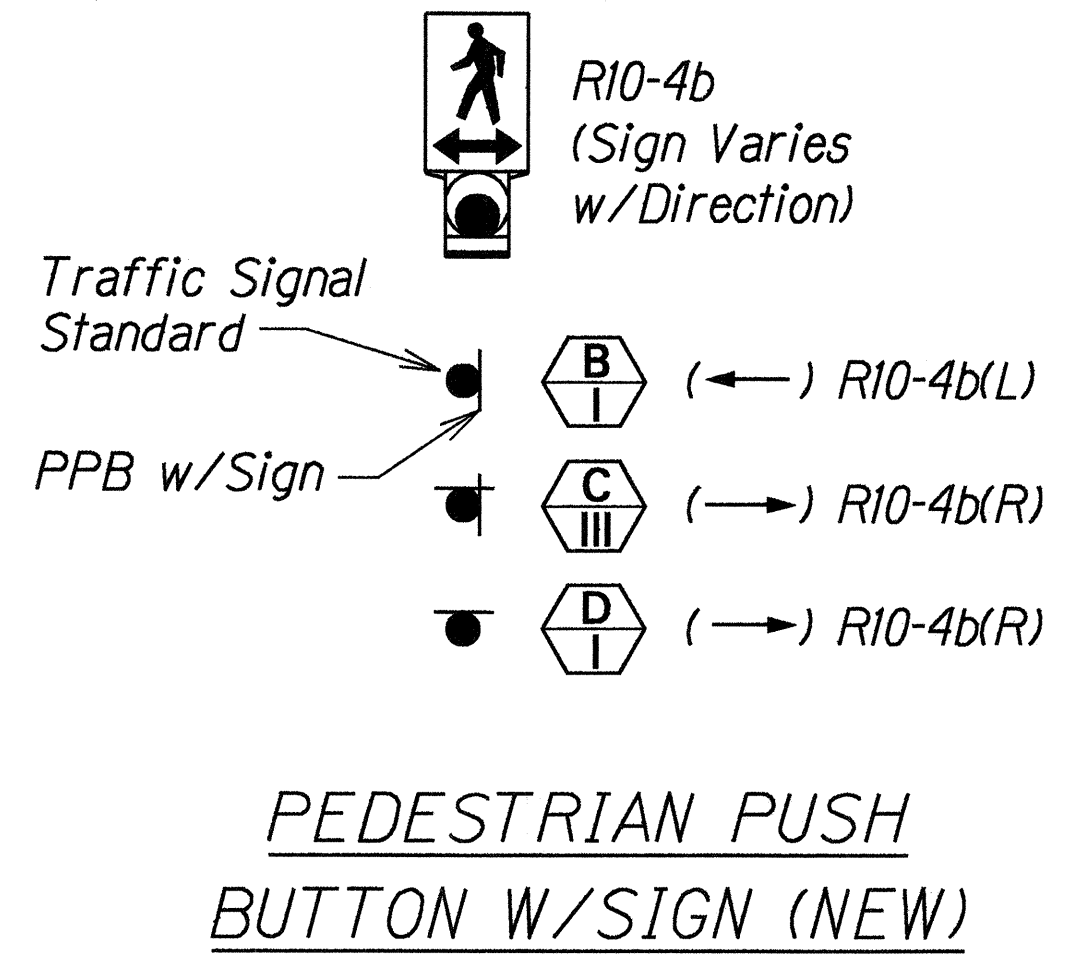
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19A-01-98	2000	15	22



TRAFFIC SIGNAL HEAD SCHEDULE

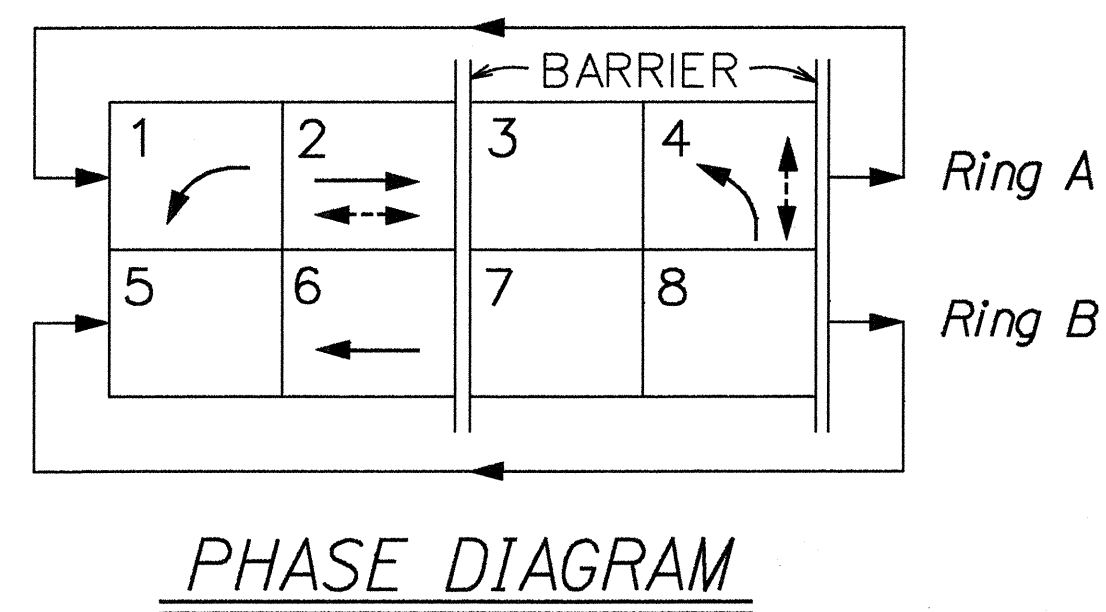
Traffic Signal Head Type and Description					
	12" RYG Traffic Signal Head	12" RY↑ Traffic Signal Head	12" RY← Traffic Signal Head	12" RYG← Traffic (Fiber Optic Head)	Pedestrian Signal Head
Pole Letter Signal Head Number	D-3 E-5	C-2* C-3* E-2* E-3*	A-1 B-1 E-4	D-1 E-1*	B-2 C-1 C-4 D-2

* With Back Plate



LOOP DETECTOR ASSIGNMENTS

I.D.	AMPLIFIER UNIT	CHANNEL	DIMENSIONS	PHASE NOTES
LD-1	A	1	6'x8'	ø1 or ø6 (Internally switched)
LD-2	B	1	6'x60'	ø6 and ø2 (Handwired together)
LD-3	C	1	6'x60'	ø6 Extension
LD-4	B	2	6'x40'	ø4
LD-5	B	2	6'x60'	ø2 and ø6 (Handwired together)
LD-6	C	3	6'x8'	ø2 Extension



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL & HIGHWAY LIGHTING PLAN

QUEEN KAAHUMANU HIGHWAY
Installation of Traffic Signals
at Hina-Lani Street
Project No. 19A-01-98

Scale: 1"=20' Date: Feb., 2000

SHEET No. 1 OF 2 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
FILED BY	
NO. 5041151	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	19A-01-98	2000	16	22

CONDUIT - CABLE TABLE																						
FROM	TO	MAIN CONTROL		SIGNAL CONTROL			DETECTORS				POWER			STREET LIGHTS			OPTICOM		INTERCONNECT	SPARE	REMARKS	
		CONDUIT 2"	CONDUCTORS 1-26C #14	CONDUIT 2"	CONDUCTORS 4C	#14	CONDUIT 1"	1 1/2"	2"	PED 2-#16	VEH 2-#16	CONDUIT 2"	3"	CONDUCTORS 3-#2 # 1-#8 GRD.	CONDUIT 2"	CONDUCTORS 1-3C #6	CONDUCTORS 2-#10	CONDUIT 2"	CONDUCTORS 3-#20 # 1-#20 GRD.	CONDUIT 2"		CONDUIT 2"
PB-1	Pole-A			●	1	4												●	1			
PB-1	PB-2	●	2					●		3	●				1						●	Concrete Encased
PB-2	Pole B			●	2	7	●		1													
PB-2	PB-3							●		1				●	1							Concrete Encased
PB-3	Lt. Pole													●		1						
PB-3	PB-4							●		1												Concrete Encased
PB-6	Pole-C			●	4	14	●		2					●		1	●	1				
PB-6	PB-5													●	1							Concrete Encased
PB-5	Lt. Pole													●		1						
PB-6	PB-7							●		1												
PB-6	PB-8	●	2				●	●	1	1				●	1			●	1		●	Concrete Encased
PB-8	Pole-D			●	3	12	●		1													
PB-8	PB-9	●	2					●	●	2	6							●	3		●	Concrete Encased
PB-8	PB-10							●		1				●	1							
PB-8	PB-13	●	2					●		3				●	1			●	2		●	Concrete Encased
PB-13	PB-1	●	2					●		3				●	1			●	1		●	Concrete Encased
PB-14	Main											●	1									Concrete Encased
Main	UPS										●		3-#4									
UPS	Cont.										●		3-#4									
Cont.	PB-9	●	2					●	●	2	6							●	3		●	Concrete Encased
PB-10	Lt. Pole													●		1						
PB-10	PB-11							●		1												
PB-13	PB-12													●	1							Concrete Encased
PB-12	Lt. Pole													●		1						
PB-13	Pole-E			●	6	21								●		1	●	1				
MAIN	PB-15													●	1							Concrete Encased
PB-15	PB-8													●	1							Concrete Encased
PB-14	PB-16										●		1									Concrete Encased
PB-16	ep*1xx										●		1									Concrete Encased

SURVEY PLOTTED BY	DATE	
DRAWN BY		
TRACED BY		
CHECKED BY		
QUANTITIES BY		
CHECKED BY		
ORIGINAL PLAN		
NOTE BOOK		
Idling		
No. 54011sp		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

QUEEN KAAHUMANU HIGHWAY
Installation of Traffic Signals
at Hina-Lani Street
Project No. 19A-01-98

Date: Feb., 2000

SHEET No. 2 OF 2 SHEETS