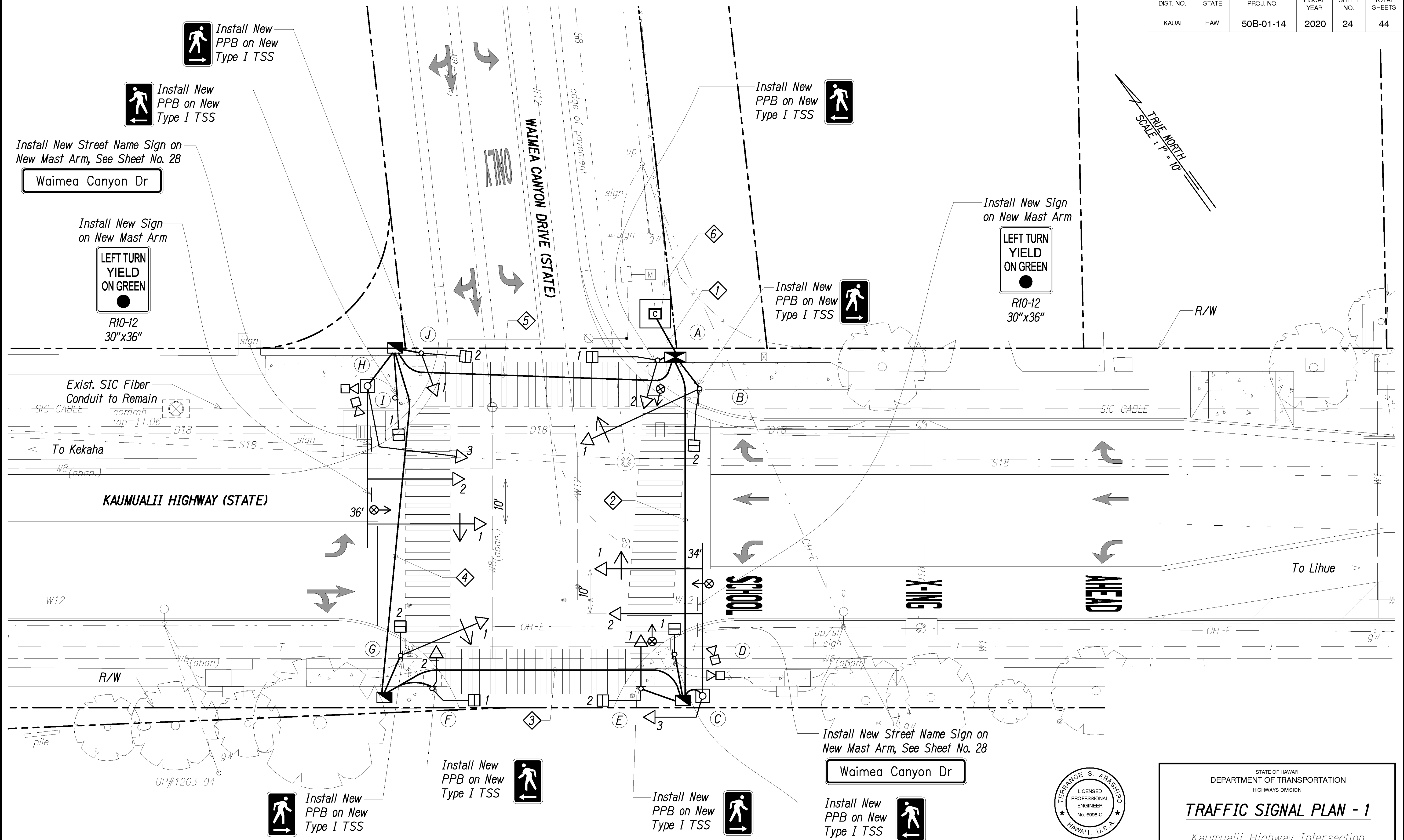


DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
KAUAI	HAW.	50B-01-14	2020	24	44



SURVEY PLOTTED BY	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

TRAFFIC SIGNAL PLAN - WAIMEA CANYON DRIVE
Scale: 1" = 10'

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

Terrance S. Arastiro
APRIL 30, 2022
LIC. EXP. DATE

TERRANCE S. ARASTIRO
LICENSED PROFESSIONAL ENGINEER
No. 6998-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN - 1

*Kaumualii Highway Intersection
Improvements at Waimea Canyon Drive
and Menehune Road/Halepule Road
Project No. 50B-01-14*

Scale: As Shown Date: May 2020

SHEET No. TS-2 OF 6 SHEETS

CABLE AND CONDUIT SCHEDULE																		
DESCRIPTION	DIAMOND ITEM NO. ⬡								POLE LETTER									
	⬡1	⬡2	⬡3	⬡4	⬡5	⬡6	⬡7	⬡8	Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ	Ⓕ	Ⓖ	Ⓗ	Ⓘ	Ⓣ
Quantity of 26C #14 Traffic Control Cable*	2 in 2 out	2	2	2	2													
Quantity of 2C #14 Loop Detector & Pedestrian Push Button Lead-in Cable	4	2	1	1	2				1	1		1	1	1	1		1	1
Quantity of Type 7 Cable EVP	4	2			1				1		1		1			1		
Quantity of #6 Ground Copper	1	1	1	1	1				1	1	1	1	1	1	1	1	1	1
Quantity of 4C #14 Signal Cable									2	3	4	1	2	2	3	4	1	2
Quantity of 3C#18 Camera Cable	4	2			2						2					2		
Quantity of 3" Conc. Conduit	2																	
Quantity of Spare 2" Conc. Conduit	2	2	2	2	2	*1												
Total Quantity of 2" Conc. Conduit	5	7	5	5	7	*1			1	1	3	1	1	1	1	4	1	1

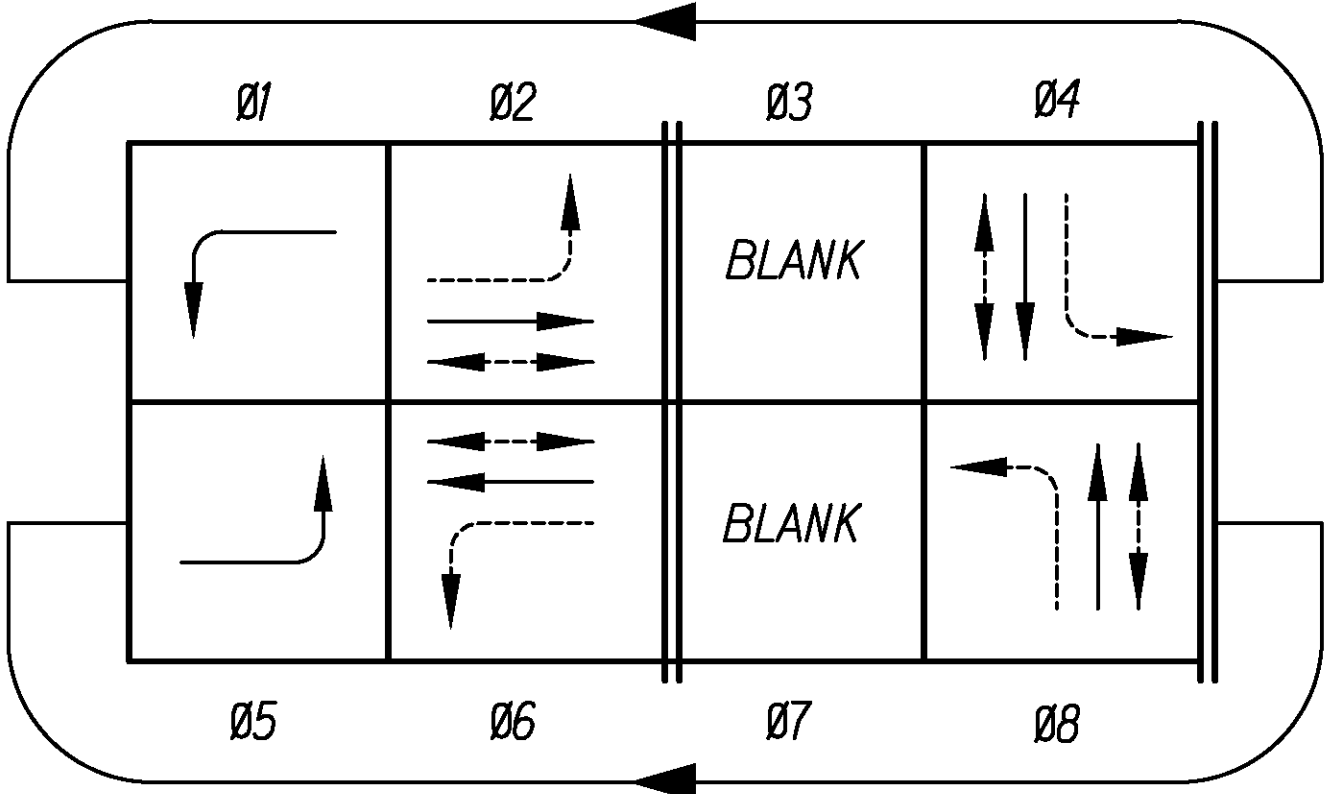
* See Sheet No. 38 regarding installation of this conduit

Note: Color coding for 26C#14 will be provided by the Engineer.

TRAFFIC SIGNAL STANDARD & HEAD		
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE
A	1 & 2	I-10'
B	1 & 2	I-10'
C	1, 2, & 3	II-20'
D	1	I-8'
E	1 & 2	I-10'
F	1 & 2	I-10'
G	1 & 2	I-10'
H	1, 2, & 3	II-20'
I	1	I-8'
J	1 & 2	I-10'

TRAFFIC SIGNAL HEAD SCHEDULE					
Traffic Signal Head Type and Description	<div>Ⓡ Ⓨ ⓖ</div>	<div>Ⓡ Ⓨ Ⓢ</div>	<div>⬅ ⬅ ⬅</div>	<div>Ⓡ Ⓨ ⓖ ⬅</div>	<div> Pedestrian Signal Head (Countdown Type)</div>
	12" RYG Traffic Signal Head	12" RY↑ Traffic Signal Head	12"←←←Traffic Signal Head	12" RYG & Traffic Signal Head	
Pole Letter Signal Head Number	A-2 C-2*, 3 E-1 F-2 H-2*, 3 J-1			B-1 C-1* G-1 H-1*	A-1 B-2 D-1 E-2 F-1 G-2 I-1 J-2

* Indicates Back Plate w/ Retro Reflective Border



PHASE DIAGRAM

→ Protected Vehicle Movement
- - - Pedestrian Movement
... Permitted Vehicle Movement

SURVEY PLOTTED BY	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

WAIMEA CANYON DRIVE

TERRANCE S. ARASIRO

LICENSED PROFESSIONAL ENGINEER

No. 6998-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

APRIL 30, 2022

LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN - 2

Kaunualii Highway Intersection
Improvements at Waimea Canyon Drive
and Menehune Road/Halepule Road
Project No. 50B-01-14

Scale: As ShownDate: May 2020

SHEET No. TS-3 OF 6 SHEETS