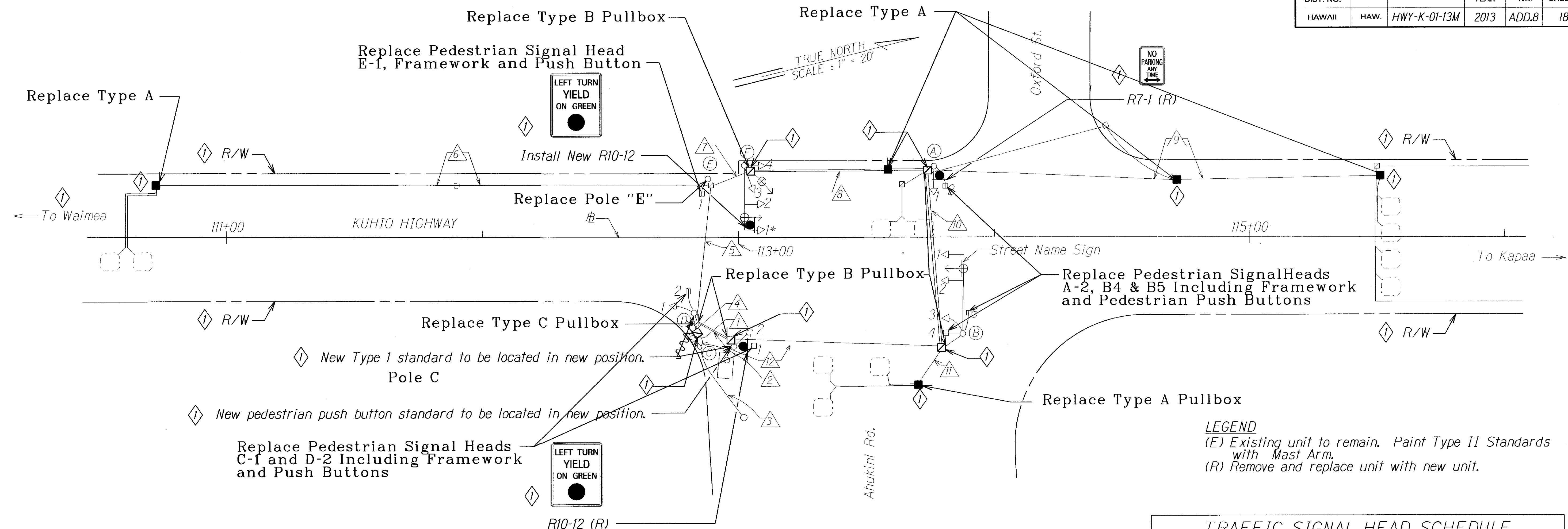


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.8	18



DESCRIPTION OF EXISTING TRAFFIC SIGNALS			
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	SIGNAL HEAD MOUNTING
A	1 2	I-10' (R)	Three Section Head Top of Pole Bracket Pedestrian Signal With Side of Pole Bracket Pedestrian Push Button
B	1#2 3 4 * 5	II-30' (E)	Three Section Head With Astro Bracket Opticom With Astro Bracket Street Name Sign With Astro Bracket Three Section Head With Side of Pole Bracket Pedestrian Signal Side of Pole Bracket Pedestrian Signal Side of Pole Bracket
C	1 2	I-10' (R)	Four Section Head With Top of Pole Bracket Pedestrian Signal Side of Pole Bracket Pedestrian Push Button
D	1 2	I-10' (R)	Three Section Head With Top of Pole Bracket Pedestrian Signal Side of Pole Bracket Pedestrian Push Button
E	1	I-8' (E) R	Pedestrian Signal Top of Pole Bracket Pedestrian Push Button
F	1#2 3#4	II-25' (E)	Four Section Head With Astro Bracket Three Section Head With Astro Bracket Opticom Receiver with Astro Bracket Street Name Sign With Astro Brackets Three Section Heads With Side of Pole Brackets Opticom Receiver With Side of Pole Bracket

CABLE SCHEDULE												
DESCRIPTION	DELTA ITEM NO. (Δ)											
	1	2	3	4	5	6	7	8	9	10	11	12
EXISTING CABLE												
Quantity of 26C #14 Traffic Control Cable (E)	2			2	1		1	1		1		1
Quantity of 26C #14 Loop Detector # Pedestrian Push Button Lead-in Cable (R)	8			8	3	2			1	3	1	5
Quantity of 24C #20 Conductor Interconnect Cable (R)	1	1		1					1	1		1
Quantity of 3C #6 Power Cable (R)	1	1	1									
CABLE IN EXIST. 2" CONDUIT (SPARE)												
Quantity of Type 7 Cable (R)									2			
CABLE												
Quantity of Type 7 Cable (R)	3			3						2		3

TRAFFIC SIGNAL HEAD SCHEDULE			
Traffic Signal Head Type and Description			
	12" RYG Traffic Signal Head	12" RYG Traffic Signal Head	Pedestrian Signal Head
Pole Letter Signal Head Number	A-1 B-1, 2, #3 D-1 F-2, 3, # 4 (R)	C-2 F-1, B-1 (R)	A-2 B-4#5 C-1 D-2 E-1 (E) (R)

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
NO.	

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

6/14/13	Added Signs. Revised Description of Existing Traffic Signals for Poles D & E. Added Callouts for Traffic Items. Revised Traffic Pullbox Symbolology. Changed "To Lihue Town" to "To Waimea".
DATE	REVISION

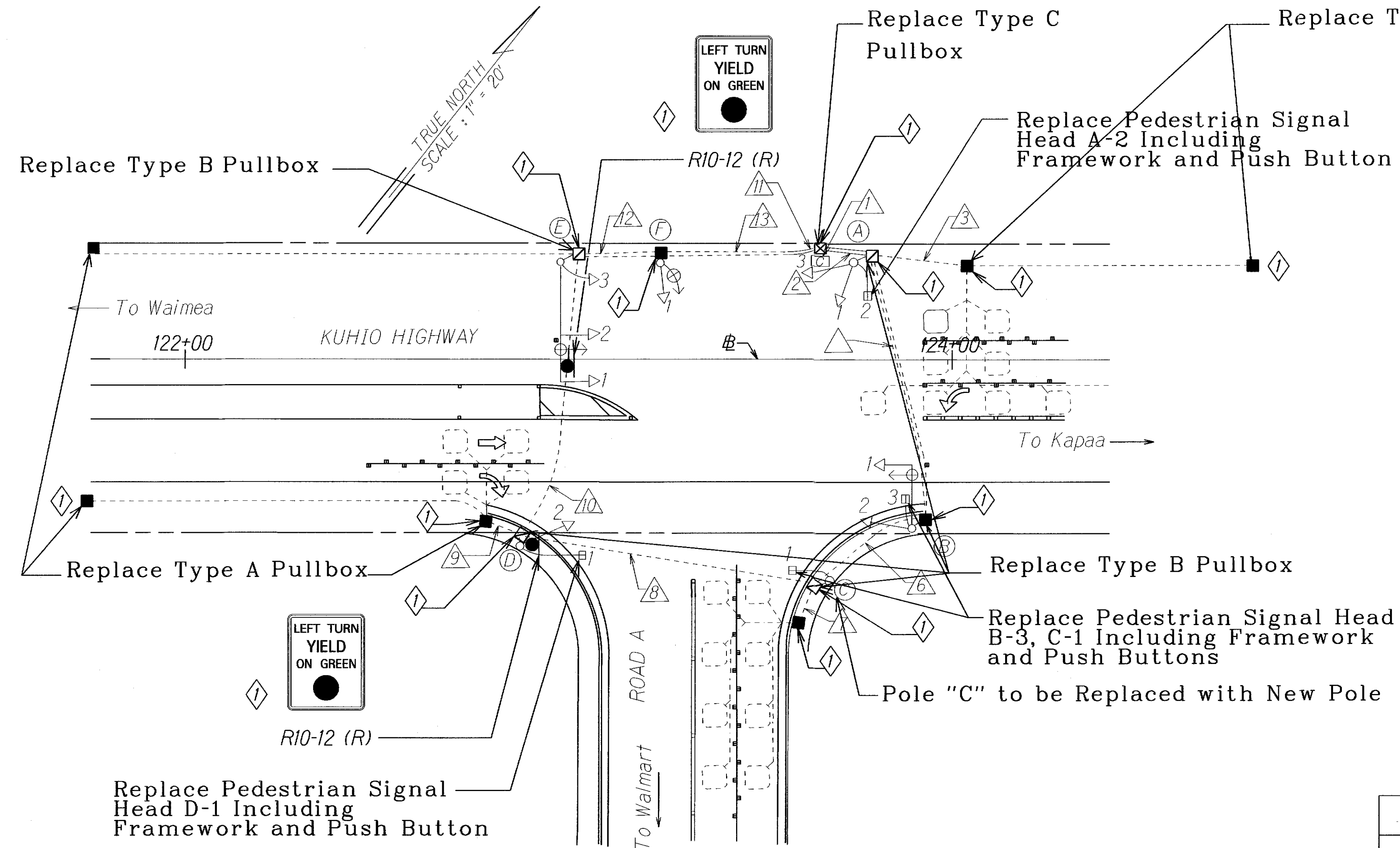
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
TRAFFIC SIGNAL PLAN
 KUHIO HIGHWAY
 Traffic Signal Rehabilitation
 at Various Locations
 Project No. HWY-K-01-13M
 Scale: 1" = 20' Date: May, 2013
 SHEET No. 1 OF 8 SHEETS

*NOTE: Pedestrian Push Buttons to be Replaced Along with Traffic Signal Heads

"AS-BUILT"

ADD.8

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.9	18



CONDUIT AND CABLE SCHEDULE													
DESCRIPTION	DELTA ITEM NO. (Δ)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
EXISTING CONDUIT AND CABLE													
Quantity of 2" Conduit (E)	6	3	2	2	2	2	1	2	1	2	1	3	3
Quantity of Spare 2" Conduit (E)													
Quantity of 26C #14 Traffic Control Cable (R)	2	1			1	1	1	1		1		1	1
Quantity of Type 2 Loop Detector & Pedestrian Push Button Lead-in Cable (R)	8	6	3	2	3	2		1	2	2		2	2
Quantity of 6-Pairs #19 Conductor, Interconnect Cable (R)	1	1	1	1								1	1
Quantity of 3C#6 Power Cable (R)	1										1		
Quantity of 2" Conduit (E)	1	1			1							1	1
Quantity of Type 7 Cable (R)	3	1			1							1	2

TRAFFIC SIGNAL HEAD SCHEDULE					
Traffic Signal Head Type and Description					
Pole Letter Signal Head Number	A-1 B-2 E-3 F-1 (R)	D-2 (R)	E-1 (R)	A-3 B-1 E-2 (R)	A-2 B-3 C-1 D-1 E-1 (R)

LEGEND
(E) Existing unit to remain. Paint Type II Standards with Mast Arm.
(R) Remove and replace unit with new unit.

* Pole "C" to be Replaced with new pole.

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

DESCRIPTION OF EXISTING TRAFFIC SIGNALS			
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	SIGNAL HEAD MOUNTING
A	1#3 2	I-10' (R)	Slipfitter, One-way Pole Bracket, One-way
B	1 2#3	II-16' (E)	Mast Arm, One-way Pole Bracket, Two-way
* C	1	I-8' (E) (R)	Slipfitter, One-way
D	1 2	I-10' (R)	Pole Bracket, One-way Slipfitter, One-way
E	1#2 3	II-30' (E)	Mast Arm, One-way Pole Bracket, One-way
F	1	I-10' (R)	Slipfitter, One-way

6/14/13	Added Signs. Revised Traffic Pullbox Symbolology. Revised Description of Existing Traffic Signals for Pole C.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

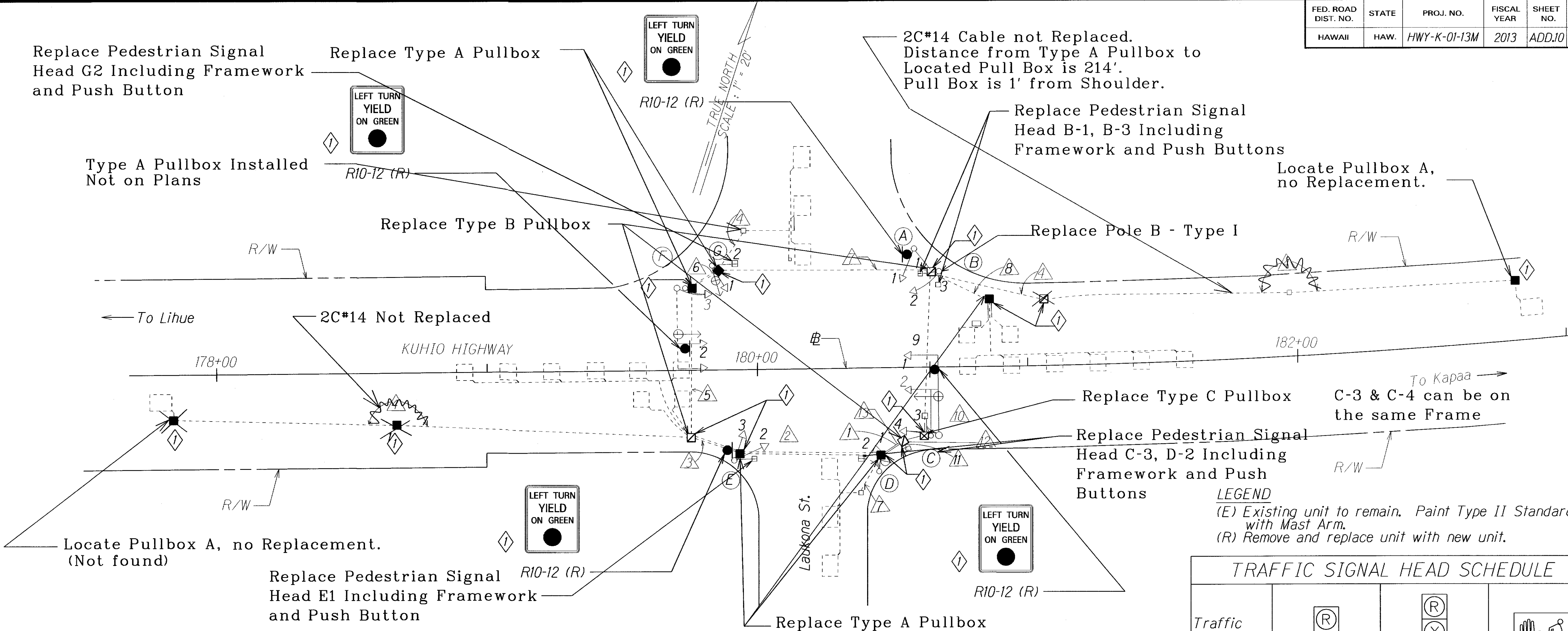
TRAFFIC SIGNAL PLAN
KUHIO HIGHWAY
Traffic Signal Rehabilitation
at Various Locations
Project No. HWY-K-01-13M
Scale: 1" = 20' Date: May, 2013

SHEET No. 2 OF 8 SHEETS

"AS-BUILT"

ADD.9

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.10	18



CABLE SCHEDULE													
DESCRIPTION	DELTA ITEM NO. (Δ)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
INSTALL NEW CABLE AND EXISTING CONDUIT													
Quantity of 19C #14 Traffic Control Cable (R)	1	1	1		1	1	1		1	1	2		
Quantity of 2C #14 Loop Detector & Pedestrian Push Button Lead-in Cable (R)	4	3	2	1	2	1	2		3	3	7		
INSTALL NEW CABLE IN EXIST. 2" CONDUIT (SPARE)													
Quantity of 26C#14 Traffic Control Cable (Type 1) (R)													2
Quantity of Type 2 Loop Detector Lead-In Cable (Type 2) (R)	2	2	2					2	2	2			11
Quantity of 3C#6 Power Cable (Type 6) (R)												1	1
Quantity of 4C #20 Cable (Type 7) (R)	3	2	2		2	1				1			4
INSTALL NEW CABLE													
Quantity of 26C#14 Traffic Control Cable (Type 1) (R)	1	1	1		1	1	1		1	1	2		

DESCRIPTION OF EXISTING TRAFFIC SIGNALS				
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	QUANTITY	SIGNAL HEAD MOUNTING
A	1	I-10' (R)	1	Slipfitter One-Way
B	1 & 3	II-20' (E) I-10' (R)	1	Pole Bracket, One-Way
	2		1	Slipfitter, One Way
C	1 & 2	II-30' (E)	1	Mast Arm, One-Way
	3		1	Pole Bracket, One-Way
	4		1	Pole Bracket, One-Way
D	1	I-10' (R)	2	Slipfitter, One Way
	2			Pole Bracket, One-Way
E	1	I-10' (R)	1	Pole Bracket, One-Way
	2 & 3		1	Slipfitter, One Way
F	1 & 2	II-30' (E)	1	Mast Arm, One-Way
	3		1	Pole Bracket, One-Way
G	1	I-10' (R)	1	Slipfitter, One Way
	2		1	Pole Bracket, One-Way

*Replace Pole B - Type I

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

6/14/13	Added Signs.
	Revised Traffic Pullbox Symbolology.
	Revised Description of Existing Traffic Signals.
DATE	REVISION

TRAFFIC SIGNAL HEAD SCHEDULE			
Traffic Signal Head Type and Description			
	12" RYG Traffic Signal Head	12" RYG Traffic Signal Head	Pedestrian Signal Head
Pole Letter Signal Head Number	A-1 C-2, & 4 D-1 E-3 F-2, & 3 G-1 (R)	B-2 C-1 E-2 F-2 (R)	B-1, & 3 C-3 D-2 E-1 G-2 (E) (R)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN
KUHIO HIGHWAY
Traffic Signal Rehabilitation
at Various Locations
Project No. HWY-K-01-13M
Scale: 1" = 20'
Date: May, 2013

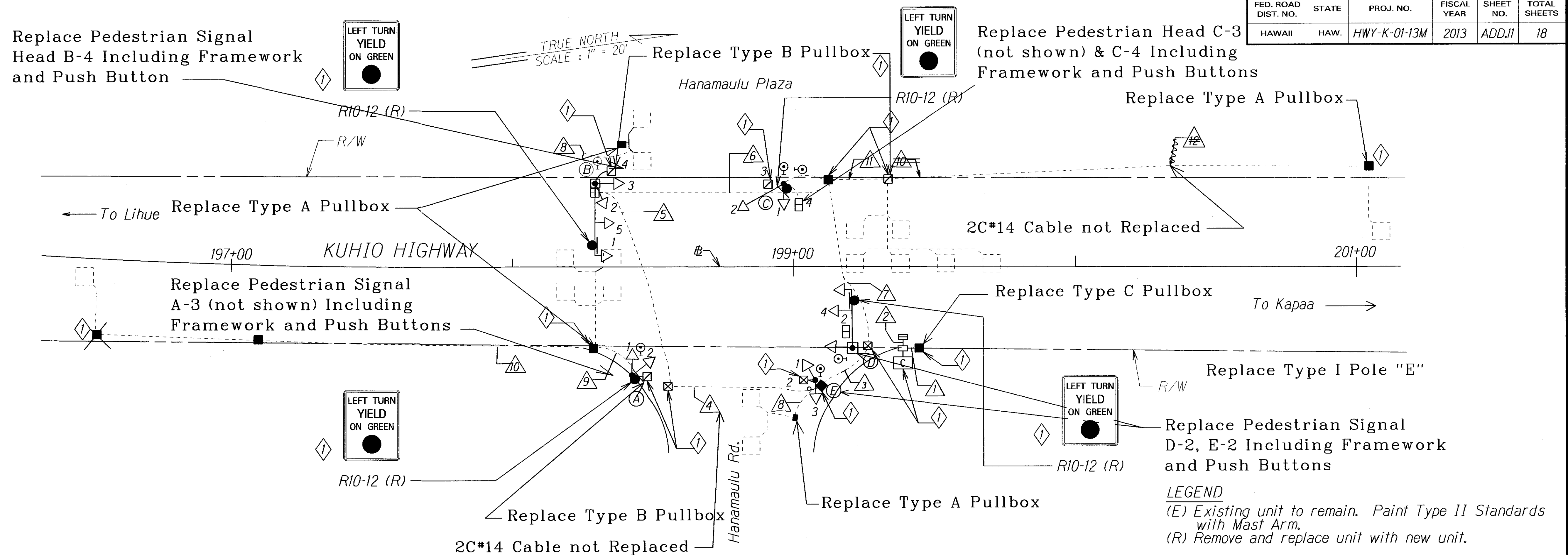
SHEET No. 3 OF 8 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

"AS-BUILT"

ADD.10

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.11	18



LEGEND
(E) Existing unit to remain. Paint Type II Standards with Mast Arm.
(R) Remove and replace unit with new unit.

CABLE SCHEDULE												
DESCRIPTION	DELTA ITEM NO. (Δ)											
	1	2	3	4	5	6	7	8	9	10	11	12
Quantity of 2" Conduit (E)	1	6	3	3	2	3	4	1	1	1	1	1
Quantity of Spare 2" Conduit (E)		2	2	2	1	1	2		1	1	1	1
Quantity of 19C #14 Traffic Control Cable (R)		2	1	1	1	1	1					
Quantity of 2C #14 Loop Detector & Pedestrian Push Button Lead-In Cable (R)		10	4	3		2	6	1	2	1	3	1
Quantity of 4C #20 (Type 7) Cable (R)	1											
Quantity 26C #14 Traffic Control Cable, Type 1 (R)	2	2	±	±	±	±	±	±				
2 Existing 26C Loops in Service, 1 Additional 26C Loop Added for Future			2	2	2	2	2	2				
Quantity of 2" Conduit (E)	1	1						1				

DESCRIPTION OF EXISTING TRAFFIC SIGNALS				
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	QUANTITY	SIGNAL HEAD MOUNTING
A	1 & 3	I-10' (R)	1	Pole Bracket, One Way
	2		1	Slipfitter, One-Way
B	1 & 2	II-20' (E)	1	Mast Arm, One-Way
	3 & 4		1	Pole Bracket, Two-Way
	5		1	Pole Bracket, One-Way
C	1	I-10' (R)	1	Slipfitter, One-Way
D	1 & 2	II-30' (E)	1	Mast Arm, One-Way
	3		1	Pole Bracket, One-Way
	4		1	Pole Bracket, One-Way
E		I-10' (R)		Replace Pole E - Type I - 10'

TRAFFIC SIGNAL HEAD SCHEDULE			
Traffic Signal Head Type and Description	12" RYG Traffic Signal Head	12" RYG & Traffic Signal Head	Pedestrian Signal Head
Pole Letter	A-1	A-2	A-3
Signal Head Number	B-2, 3, & 5	B-1	B-4
	C-1	C-2	C-3, & 4
	D-1, & 4	D-3	D-2
	E-1, & 3 (R)	(R)	E-2 (E)(R)

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
DATE	

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

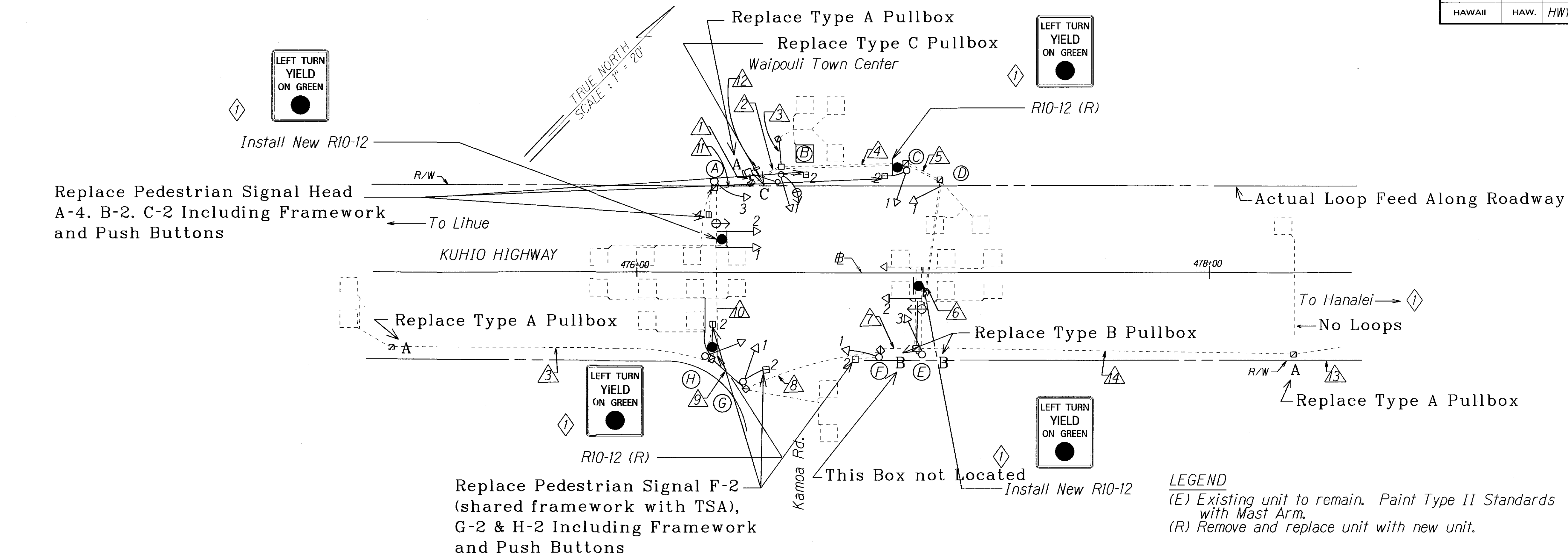
6/14/13	Added Signs.
	Revised Traffic Pullbox Symbolology.
	Added Traffic Item.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC SIGNAL PLAN
KUHIO HIGHWAY
Traffic Signal Rehabilitation
at Various Locations
Project No. HWY-K-01-13M
Scale: 1" = 20' Date: May, 2013
SHEET No. 4 OF 8 SHEETS

"AS-BUILT"

ADD.11

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.12	18



CABLE SCHEDULE														
DESCRIPTION	DELTA ITEM NO. (Δ)													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
EXISTING CONDUIT AND CABLE														
Quantity of 2" Conduit (E)	5	3	1	2	1	1	2	2	3	4	4		1	1
Quantity of Spare 2" Conduit (E)														
Quantity of 26C #14 Traffic Control Cable (R)	2	1		1	1	1	1	1	1	1	1			
* Quantity of 2C #14 Loop Detector & Pedestrian Push Button Lead-In Cable (R)	12	2	1	1	1		3	4	5	9	10			
Quantity of 6-Pairs #19 Conductor, Interconnect Cable (R)	1	1		1	1	1						1		1
Quantity of 3C #16 Power Cable (R)												1		
Quantity of Type 7 Cable (R)	3	2		1	1	1					1			

DESCRIPTION OF EXISTING TRAFFIC SIGNALS			
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	SIGNAL HEAD MOUNTING
A	1 & 2 3	II-25' (E)	Mast Arm, One-Way Pole Bracket, One Way
B	1 & 2	I-10' (R)	Slipfitter, One-Way Pole Bracket, One Way
C	1 & 2	I-10' (R)	Slipfitter, One-Way
D	1	I-10' (R)	Slipfitter, One-Way
E	1 & 2 3	II-35' (E)	Mast Arm, One-Way Pole Bracket, One-Way
F	1 2	I-10' (R)	Slipfitter, One-Way Pole Bracket, One Way
G	1 2	I-10' (R)	Slipfitter, One-Way Pole Bracket, One Way
H	1 2	I-10' (R)	Slipfitter, One-Way Pole Bracket, One Way

TRAFFIC SIGNAL HEAD SCHEDULE			
Traffic Signal Head Type and Description	12" RYG Traffic Signal Head	12" RYG < Traffic Signal Head	Pedestrian Signal Head
Pole Letter	A-2 & 3 B-1 C-1 E-2 & 3 F-1 H-1 (R)	A-1 D-1 E-1 G-1 (R)	A-4 B-2 C-2 F-2 G-2 H-2 (E) (R)

* One Additional 26C Loop Cable Pulled for Future at this Intersection. Existing 26C Loop Replaced and in Service

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

6/14/13	Changed "To Hanalei" to "To Kapaa".
	Revised Description of Existing Traffic Signals A through D.
	Added Description of Existing Traffic Signals E through H.
	Revised Traffic Signal Head Schedule.
	Added Signs.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

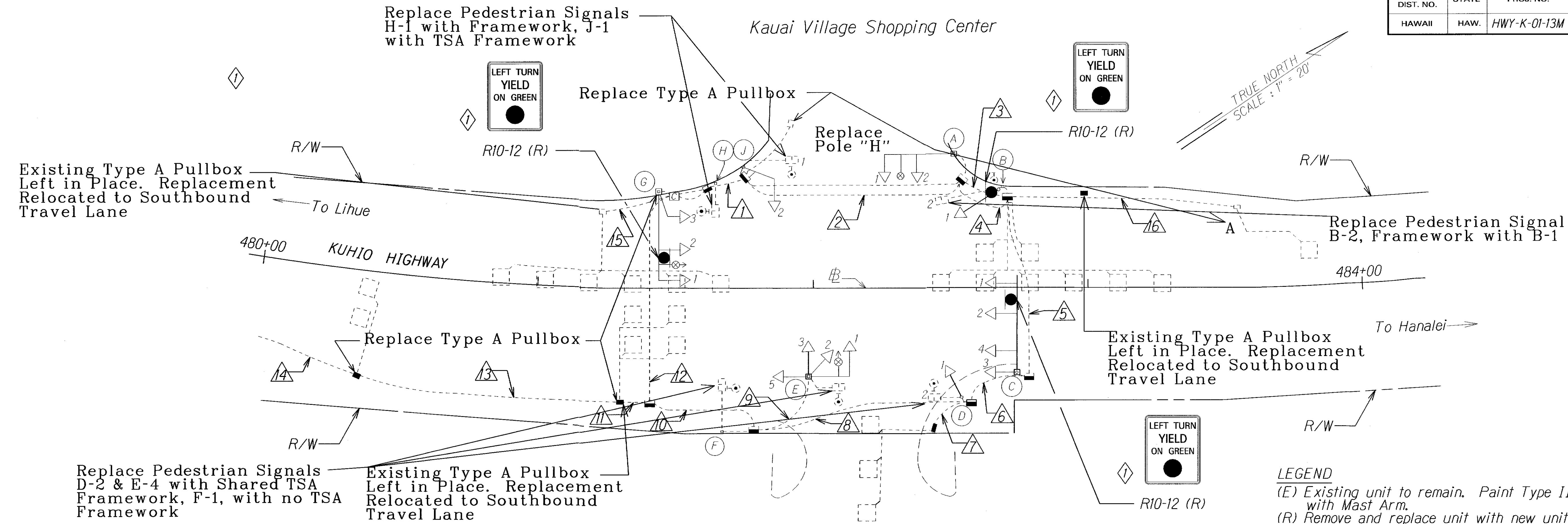
TRAFFIC SIGNAL PLAN

KUHIO HIGHWAY
Traffic Signal Rehabilitation
at Various Locations
Project No. HWY-K-01-13M

Scale: 1" = 20' Date: May, 2013

SHEET No. 5 OF 8 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.13	18



DESCRIPTION	CONDUIT AND CABLE SCHEDULE															
	DELTA ITEM NO. (Δ)															
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
EXISTING CONDUIT AND CABLE																
Quantity of 2" Conduit	5	4	3	2	2	3	1	4	1	4	1	4	1	1	1	1
Quantity of Spare 2" Conduit	2	2		2	2	2		2		2	2	2	2	2		
Quantity of 19C #14 Traffic Control Cable																
Quantity of 2C #14 Loop Detector & Pedestrian Push Button Lead-In Cable	6	4	2	2			1	2		2	2	5	1		2	1
Quantity of 6-Pairs #19 Conductor, Interconnect Cable											1		1	1		
Quantity of 3C #16 Power Cable																
Quantity of 26C #14 Traffic Control Cable, Type 1	2	2	2	2	2	2		2		2		2				
INSTALL NEW CABLE IN EXISTING 2" CONDUIT(SPARE)																
Quantity of Type 7 Cable	3	1				1		1	1	2		2				
Quantity of #8 Ground Cable	2	2	2	2	2	2		2		2		2				
Quantity of Type 5 Cable										3						

DESCRIPTION OF EXISTING TRAFFIC SIGNALS				
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	QUANTITY	SIGNAL HEAD MOUNTING
A	1 2	11-10' (E)	*	Mast Arm, One-Way Pole Bracket, One Way
B	1 & 2 3	11-10' (R)	*	Pole Bracket, One-Way Slipfitter, One-Way
C	1, 2, & 4 3	11-35' (E)	*	Mast Arm, One-Way Pole Bracket, One-Way Slipfitter, One-Way
D	1 & 2 1 & 2	1-10' (R)	*	Slipfitter, Two-Way Pole Bracket, One-Way
E	1 & 3 5 2 4	11-15' (E)	*	Mast Arm, One-Way Pole Bracket, One-Way
F	1	1-10' (R)	*	Slipfitter, One-Way
G	1 & 2 3	11-35' (E)	*	Mast Arm, One-Way Pole Bracket, One-Way
J	1 & 2	11-10' (R)	*	Slipfitter, Two-Way Pole Bracket, One-Way
H		1-10' (R)		

TRAFFIC SIGNAL HEAD SCHEDULE			
Traffic Signal Head Type and Description			
Pole Letter	A-1,2 C-2,3,4 D-1 E-1,3,5 G-2,3 J-2	B-1 C-1 E-2 G-1	B-2 D-2 E-4 F-1 H-1 J-1
Signal Head Number			R

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

6/14/13	1 Revised Traffic Signal Plan of Intersection.
	2 Replaced Conduit And Cable Schedule Table.
	3 Replaced Description of Existing Traffic Signals Table.
	4 Replaced Traffic Signal Head Schedule Table.
	5 Added Signs.

DATE	REVISION
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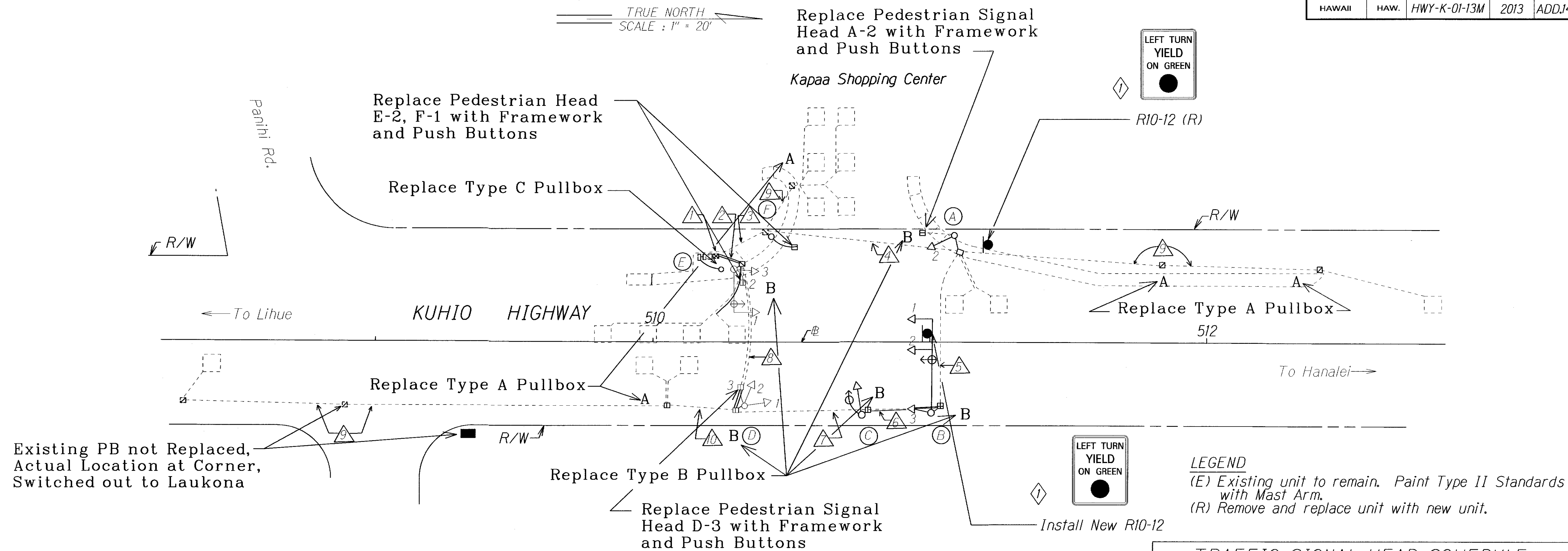
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<u>TRAFFIC SIGNAL PLAN</u>	
<u>KUHIO HIGHWAY</u>	
<u>Traffic Signal Rehabilitation</u> <u>at Various Locations</u>	
<u>Project No. HWY-K-01-13M</u>	
Scale: 1" = 20'	Date: May, 2013
SHEET No. 6 OF 8 SHEETS	

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

"AS-BUILT"

ADD.13

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.14	18



DESCRIPTION OF EXISTING TRAFFIC SIGNALS				
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	QUANTITY	SIGNAL HEAD MOUNTING
A	2	I-10' (R)	1	Four Section Head Top of Pole Bracket
	1		1	Pedestrian Signal w/Side of Pole Bracket Pedestrian Push Button
B	2	II-32' (E)	1	Three Section Head w/Astro Bracket
	1		1	Opticom w/Astro Bracket
	3		1	Street Name Sign w/Astro Bracket Three Section Head w/Side of Pole Bracket
C	1	I-10' (R)	1	Three Section Head Top of Pole Bracket Pedestrian Signal w/Side of Pole Bracket
D	1 & 2	I-10' (R)	1	Three Section Head Top of Pole Bracket
	3		1	Pedestrian Signal w/Side of Pole Bracket
			1	Pedestrian Push Button
E	1	II-15' (E)	1	Three Section head w/Astro Bracket
			1	Opticom Receiver w/Astro Bracket
	3		1	Three Section Head w/Side of Pole Bracket
	2		1	Pedestrian Signal w/Side of Pole Bracket Pedestrian Push Button
F	1	I-10' (R)	1	Pedestrian Signal w/Top of Pole Bracket Pedestrian Push Button

CABLE SCHEDULE										
DESCRIPTION	DELTA ITEM NO. (Δ)									
	1	2	3	4	5	6	7	8	9	10
Quantity of 2" Conduit (E)	4	4	2	2	1	1	1	2	1	1
Quantity of Spare 2" Conduit (E)					1	1	1			
Quantity of 19C #14 Traffic Control Cable (R)	2	2	1	1	1	1	1	1	1	
Quantity of 2C #14 Loop Detector & Pedestrian Push Button Lead-In Cable (R)	8	8	4	3				3		2
Quantity of 4C #20 (Type 7) Cable (R)	3	3				1	2	2		
Quantity of 26C #14 Traffic Control Cabel, Type 1 (R)	2	2	1	1	1	1	1	1	1	
Quantity of 2" Conduit (E)	1	1						1		

TRAFFIC SIGNAL HEAD SCHEDULE			
Traffic Signal Head Type and Description			
Pole Letter	B-2	A-2	A-1
Signal Head Number	C-1 D-1 & 2 E-1 & 3 (R)	B-1 (R)	D-3 E-2 F-1 (E) (R)

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
	Text for as-built posting

6/14/13	Added Signs.
	Revised Description of Existing Traffic Signals.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC SIGNAL PLAN

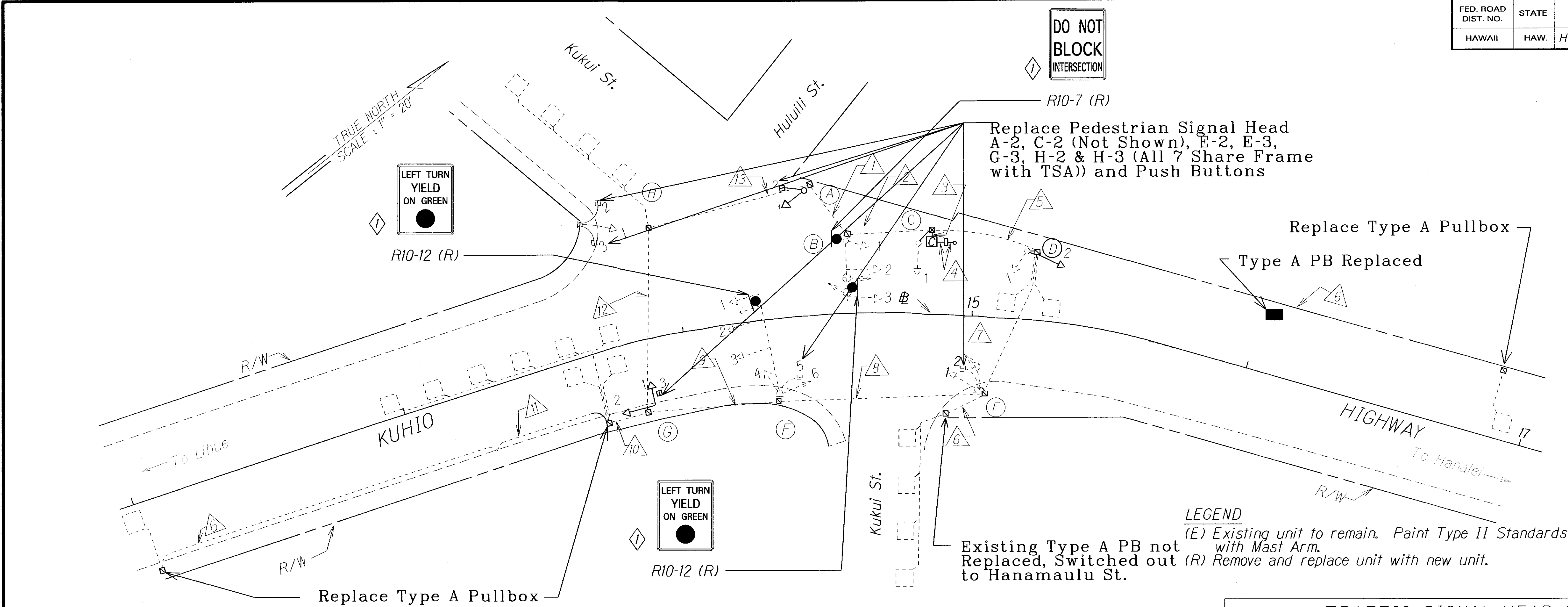
KUHIO HIGHWAY
Traffic Signal Rehabilitation
at Various Locations
Project No. HWY-K-01-13M

Scale: 1" = 20' Date: May, 2013

SHEET No. 7 OF 8 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY	DRAWN BY	
NOTED BY	CHECKED BY	
DATE		

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-K-01-13M	2013	ADD.15	18



DESCRIPTION OF EXISTING TRAFFIC SIGNALS				
POLE LETTER	SIGNAL HEAD NO.	POLE TYPE	QUANTITY	SIGNAL HEAD MOUNTING
A	1	I-10' (R)	1	Four Section Head Top of Pole Bracket
	1		1	Pedestrian Signal w/Side of Pole Bracket
B	2	II-20' (E)	1	Three Section Head w/Astro Bracket
	1		1	Opticom w/Astro Bracket
	1		1	Street Name Sign w/Astro Bracket
C	1	I-10' (R)	1	Three Section Head w/Side of Pole Bracket
	2		1	Pedestrian Signal w/Side of Pole Bracket
	2		1	Pedestrian Signal w/Side of Pole Bracket
D	1 & 2	I-10' (R)	2	Three Section Head Top of Pole Bracket
	1		1	Pedestrian Signal w/Side of Pole Bracket
E	1	I-10' (R)	1	Three Section Head Top of Pole Bracket
	2		1	Pedestrian Signal w/Side of Pole Bracket
	1		1	Four Section Head w. Astro Bracket
	2 & 3		2	Three Section head w/Astro Bracket
	1		1	Opticom Receiver w/Astro Bracket
	1		1	Stree Name Sign w/ Astro Bracket
	4		1	Three Section Head w/Side of Pole Bracket
F	1	II-35' (E)	1	Pedestrian Signal w/Side of Pole Bracket
	2 & 3		1	Opticom Receiver w/Side Pole Bracket
	1		1	Two Three Section Head Top of Pole Bracket
	3		1	Pedestrian Signal w/Side of Pole Bracket
	2 & 3		1	Three Section Head Top of Pole Bracket
G	1	I-10' (R)	1	Three Section Head Top of Pole Bracket
	2 & 3		1	Pedestrian Signal w/Side of Pole Bracket
H	1	I-10' (R)	1	Three Section Head Top of Pole Bracket
	2 & 3		1	Pedestrian Signal w/Side of Pole Bracket

CABLE SCHEDULE													
DESCRIPTION	DELTA ITEM NO. (Δ)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
EXISTING CONDUIT AND CABLE													
Quantity of 2" Conduit (E)	5	6	8	1	4	1	4	3	2	2	2	4	5
Quantity of Spare 2" Conduit (E)													
Quantity of 26C #14 Traffic Control Cable (R)	1	1	2		1		1	1	1			1	1
Quantity of 2C #14 Loop Dectector & Pedestrian Push Button Lead-In Cable (R)	6	6	10		4	1	2	1		3	1	4	6
Quantity of 6-Pairs #19 Conductor, Interconnect Cable (R)	1	1	1							1	1	1	1
Quantity of 3C #16 Power Cable (R)				1									
Quantity of 7 Cable (R)		2	3		1		1			1			

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

TRAFFIC SIGNAL HEAD SCHEDULE				
Traffic Signal Head Type and Description				
Pole Letter Signal Head Number	B-1, # 2 D-2 E-1 F-2, 3, # 4 G-1, # 2 H-1 (R)	C-1 D-1 (R)	A-1 F-1 (R)	A-2 C-2 E-2, 3 F-5 G-3 H-2, 3 (R)

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TRAFFIC SIGNAL PLAN	
KUHIO HIGHWAY Traffic Signal Rehabilitation at Various Locations Project No. HWY-K-01-13M	
Scale: 1" = 20'	Date: May, 2013
SHEET No. 8 OF 8 SHEETS	

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	

6/14/13 Added Signs.

DATE REVISION

"AS-BUILT"

ADD.15