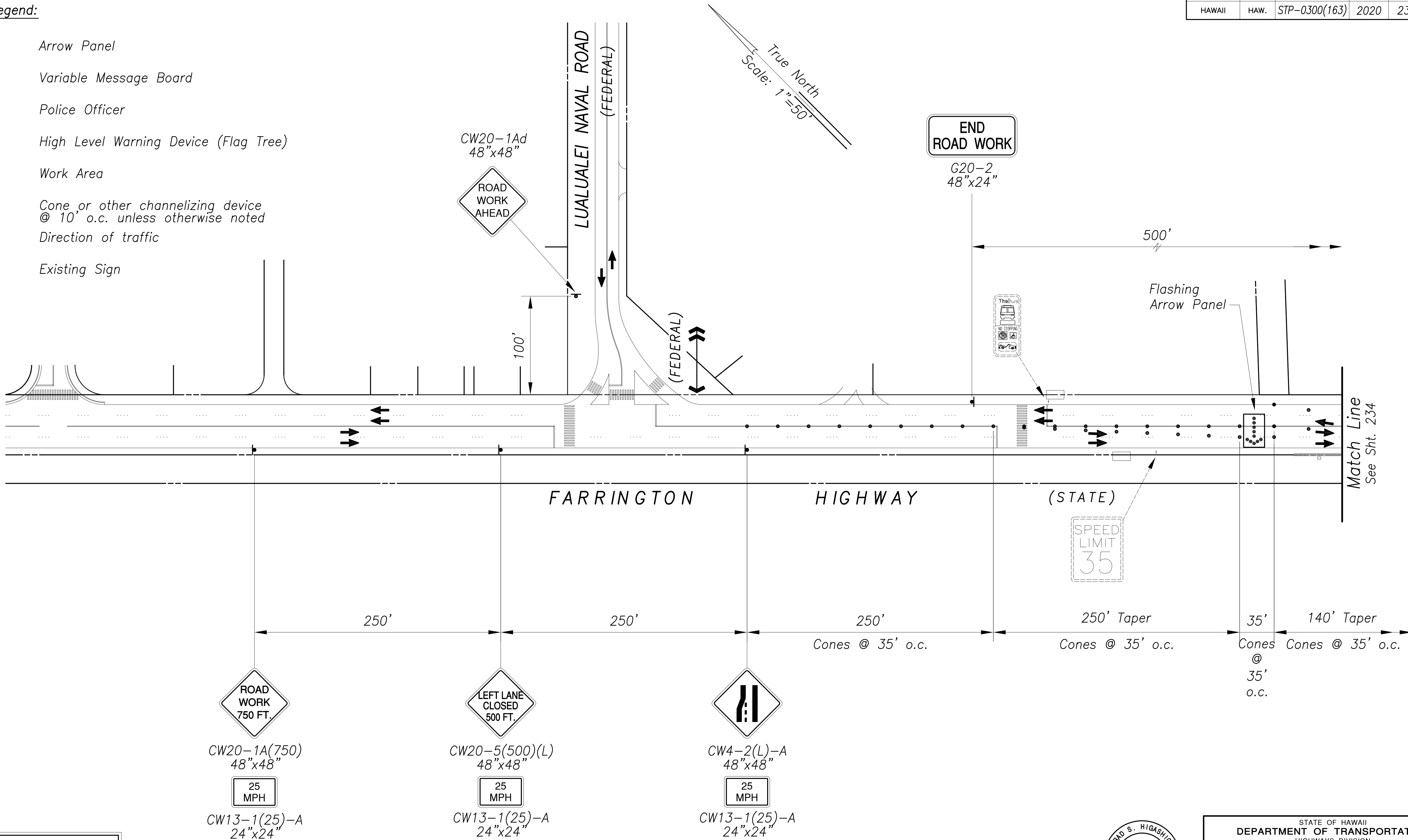


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	233	284

Legend:

- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

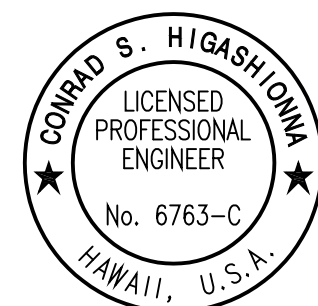


Road Closure for
Weekdays Only
Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations
See Detour Plan A

PLAN-2
Scale: 1" = 50'

GRAPHIC SCALE
Scale: 1"=50' 50' 0 50' 100'

Approved By: _____
Chief, Traffic Review Branch, DPP Date



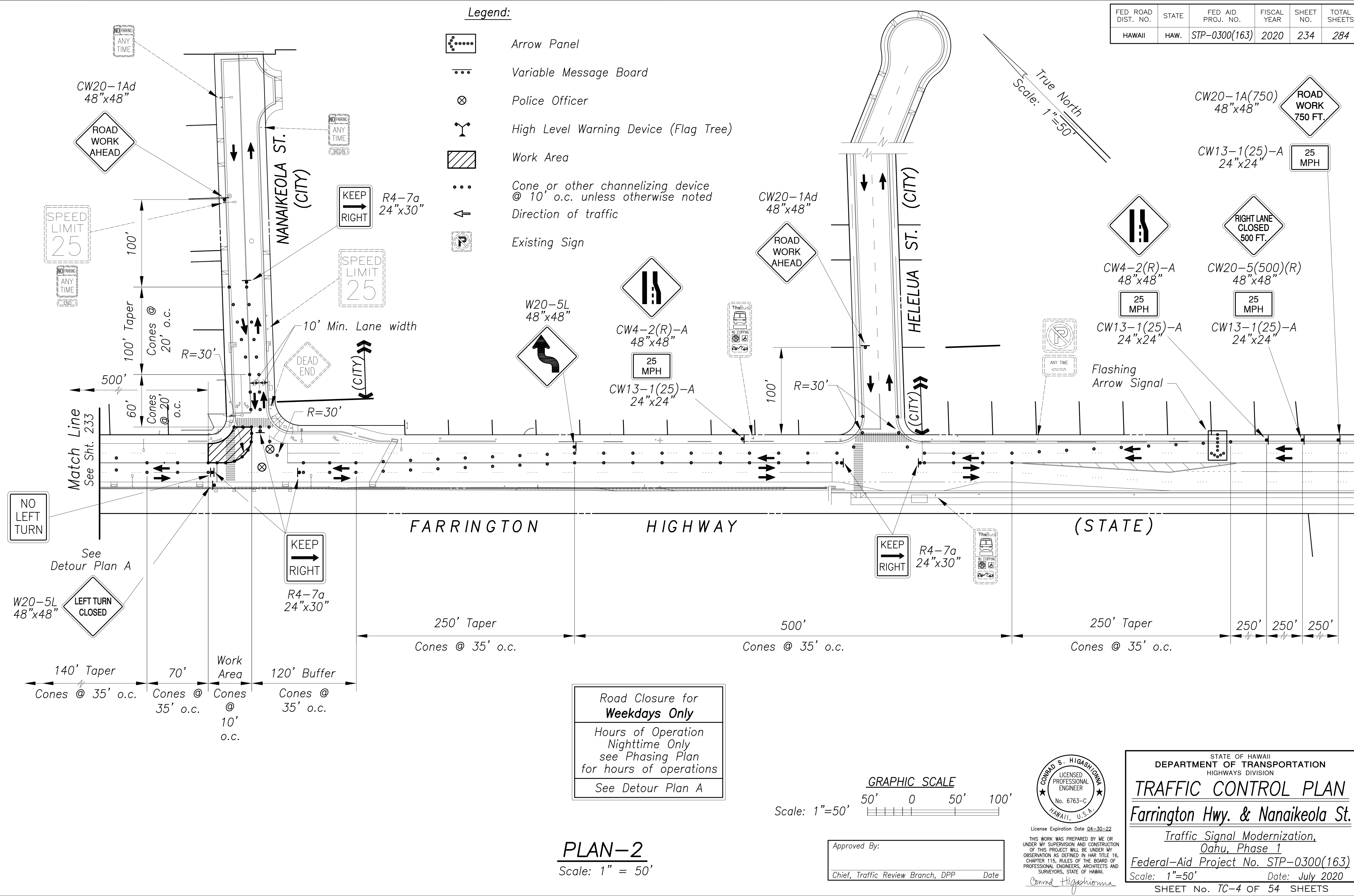
License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAW. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
Farrington Hwy. & Nanaieola St.
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-3 OF 54 SHEETS

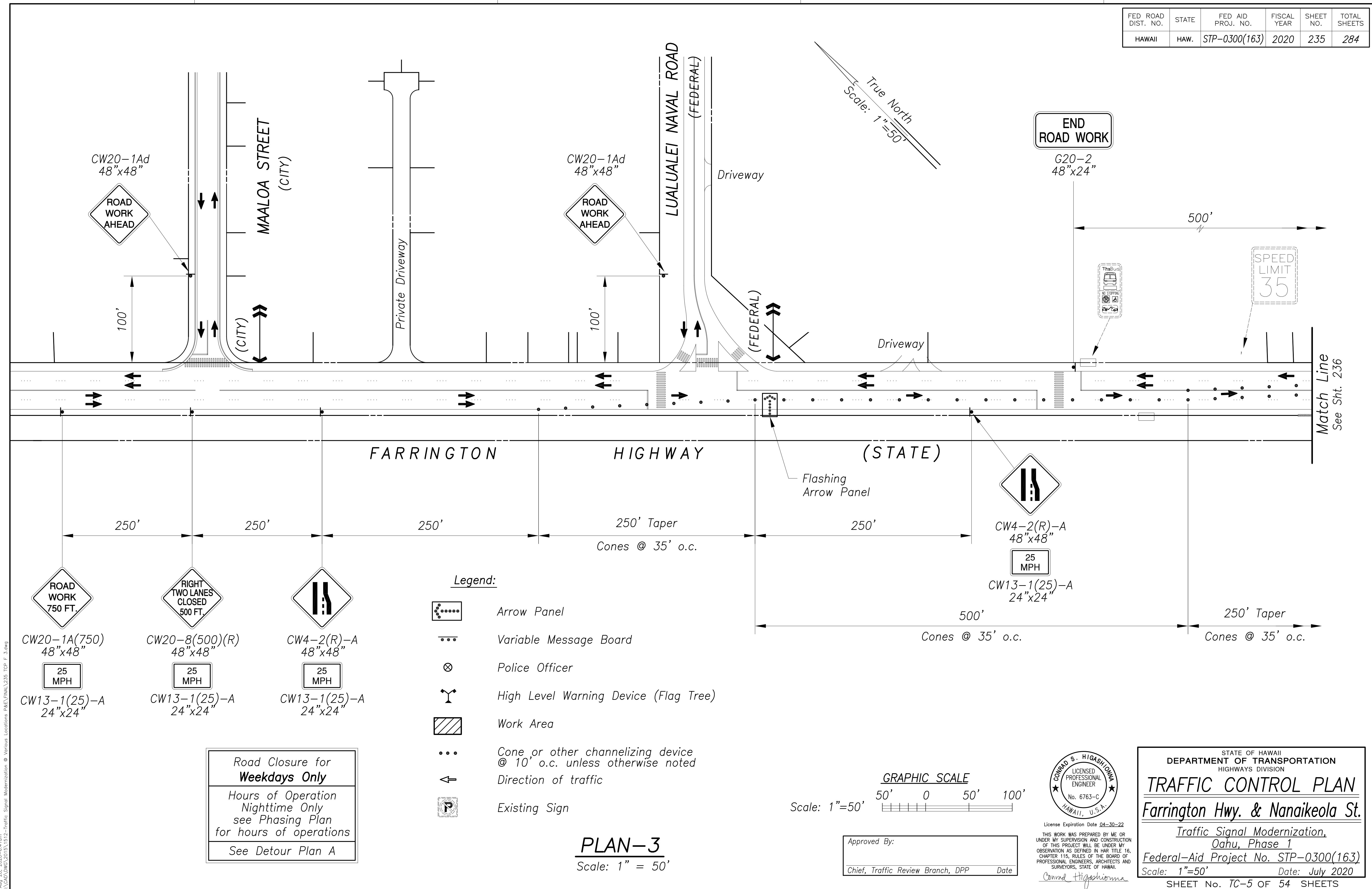
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
ORIGINAL PLAN	No.
NOTE BOOK	

Aug 28, 2020-14:00
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FED ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	234	284



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	235	284

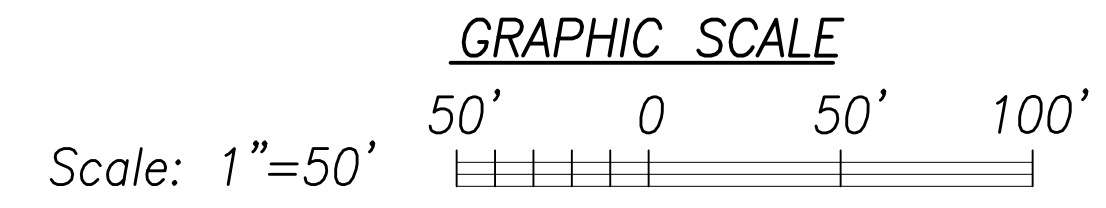


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

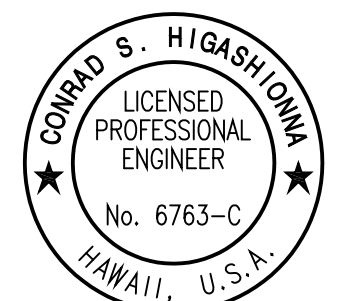
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Road Closure for
Weekdays Only
Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations
See Detour Plan A

- Legend:**
- Arrow Panel
 - Variable Message Board
 - Police Officer
 - High Level Warning Device (Flag Tree)
 - Work Area
 - Cone or other channelizing device @ 10' o.c. unless otherwise noted
 - Direction of traffic
 - Existing Sign



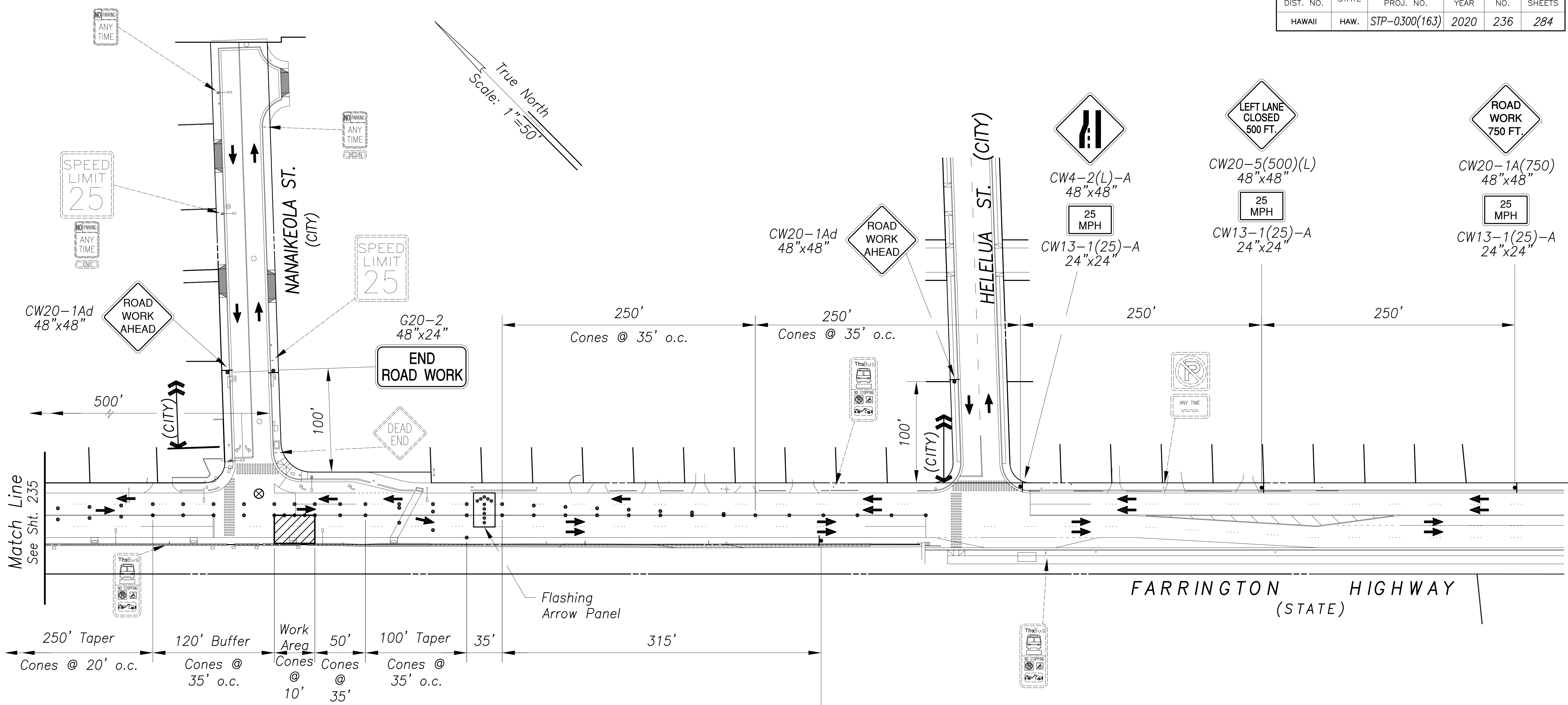
Approved By:
Chief, Traffic Review Branch, DPP
Date



License Expiration Date: 04-30-22
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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
Farrington Hwy. & Nanaieola St.
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-5 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	236	284



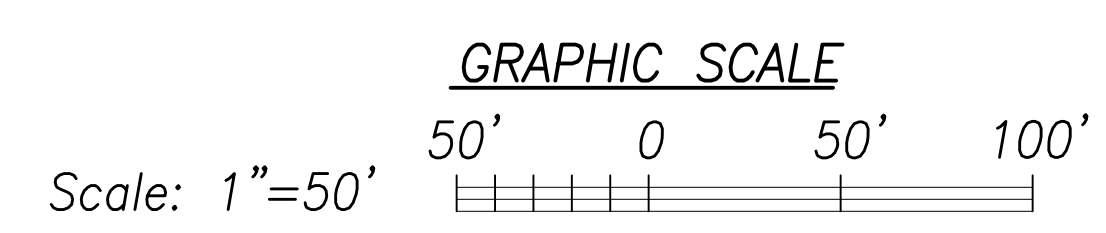
Legend:

- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

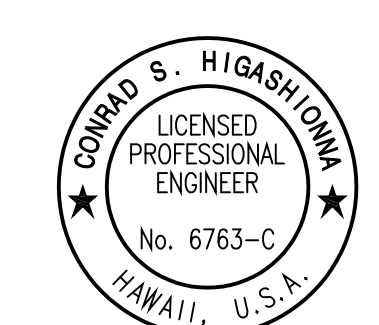
Road Closure for
Weekdays Only
Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations
See Detour Plan A

PLAN-3

Scale: 1" = 50'



Approved By: _____
Chief, Traffic Review Branch, DPP Date



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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
Farrington Hwy. & Nanaikeola St.
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-6 OF 54 SHEETS

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

Aug 28, 2020-14:40m
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	237	284

Legend:

- ← Direction of traffic
- Variable Message Boards

Note:

The Contractor shall provide two mobile variable message boards to inform the public.

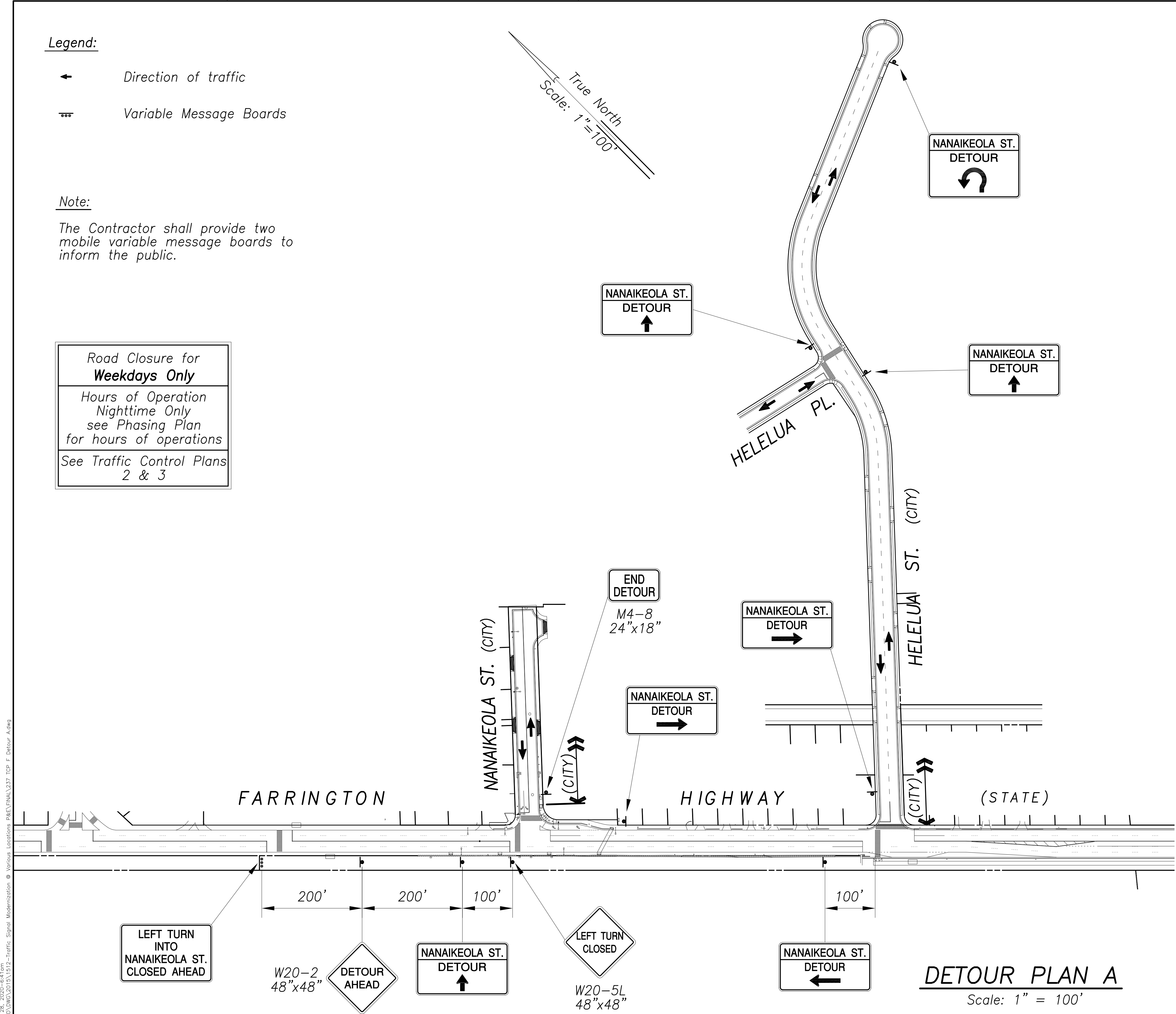
Road Closure for
Weekdays Only

Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations

See Traffic Control Plans
2 & 3

Aug 28, 2020-8:43am
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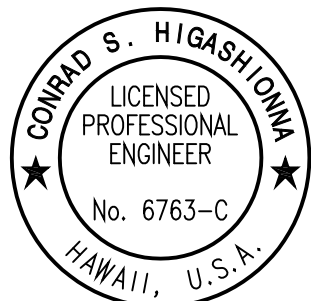
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NO.	



Approved By:

Chief, Traffic Review Branch, DPP

Date



License Expiration Date 04-30-22

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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR PLAN

Farrington Hwy. & Nanaikeola St.

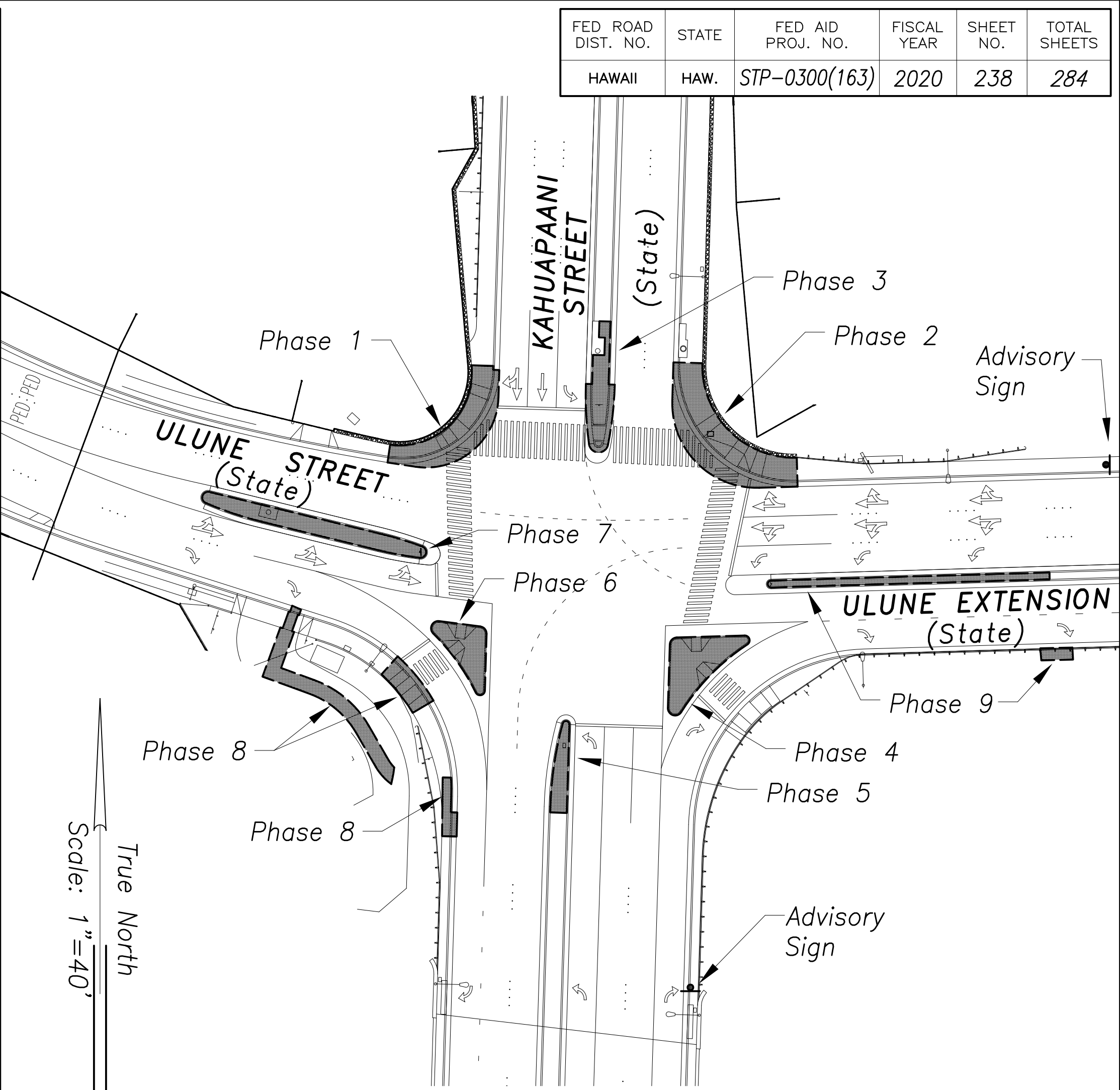
Traffic Signal Modernization,
Oahu, Phase 1

Federal-Aid Project No. STP-0300(163)

Scale: 1"=100' Date: July 2020

SHEET No. TC-7 OF 54 SHEETS

DESCRIPTION OF WORK IN TRAFFIC CONTROL PLAN WORK AREAS						
Phase	Work Description	Days of the Week	Lane Closure Hours	Approximate Working Days Duration	Traffic Control Plan/ Detour Plan	Sheet #
1	Install temporary erosion and sediment control measures. Demolish concrete walkway, ramp, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, curb ramps, and sidewalk.	M–F	8:30 am to 3:00 pm	10	4	239 & 240
2	Demolish concrete walkway, ramp, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, curb ramps, and sidewalk.	M–F	8:30 am to 3:00 pm	10	5	241
3	Demolish concrete ramp, curb, and gutter along median island. Construct traffic signal equipment, curb, gutter, and curb ramp.	M–F	8:30 am to 3:00 pm	10	6	242
4	Demolish concrete ramps, curb, and gutter at triangular island. Construct traffic signal equipment, curb, gutter, curb ramp, and sidewalk.	M–F	8:30 am to 3:00 pm	10	7 / Detour B	243 & 244 / 245
5	Demolish curb and gutter along median island. Construct traffic signal equipment; restore curb, gutter; and a.c. pavement in median.	M–F	8:30 am to 3:00 pm	5	8	246 & 247
6	Demolish concrete ramps, curb, and gutter at triangular island. Construct traffic signal equipment, curb, gutter, curb ramps, and sidewalk.	M–F	8:30 am to 3:00 pm	10	9	248
7	Demolish curb and gutter along median. Construct traffic signal equipment, curb, gutter, and a.c. pavement in median.	M–F	8:30 am to 3:00 pm	10	10	249
8	Demolish sidewalk, concrete ramp, curb, and gutter. Construct traffic signal equipment, curb, gutter, curb ramp, and sidewalk.	M–F	8:30 am to 3:00 pm	10	11	250
9	Demolish curb and gutter along median and shoulder of Ulune Extension. Construct traffic signal equipment, curb, gutter, and a.c. pavement in median.	M–F	8:30 am to 3:00 pm	5	12	251



PHASING PLAN
Scale: 1" = 40'

CONSTRUCTION PHASING NOTES:

1. The Contractor shall install two (2) advisory signs (as specified in Subsection 645.03(G) Advisory Signs) at the locations shown the Phasing Plan on this sheet. The Contractor shall make advisory signs as needed to facilitate construction. The final location of all advisory signs shall be designated by the Engineer. The advisory signs shall include a phone number, starting date and hours of construction in sign message. This work shall be incidental to traffic control lump sum and will not be paid for separately.

2. The Contractor shall provide three (3) mobile variable message boards for the duration of the project starting one week prior to start of construction to inform the public of lane closures. The location of all message boards shall be designated by the Engineer. Message boards shall be incidental to traffic control lump sum and will not be paid for separately.

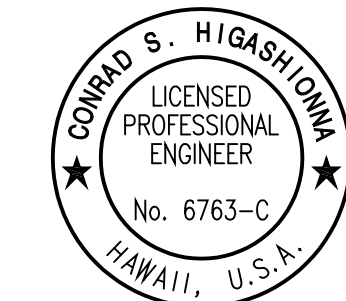
3. Highway drainage shall be maintained at all times during construction. This work shall be incidental to the contract items.

4. During construction, the Contractor shall escort pedestrians through construction work area with police men or with other personnel approved by the Engineer.
5. During NON-construction periods, the Contractor shall render the work area safe for pedestrians and provide ADA accessible routes through the work area. This work shall be incidental to the contract items.

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

Aug 28, 2020-8:41am
N:\CADD\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\238 TC- U Phasing.dwg

Approved By: _____
Chief, Traffic Review Branch, DPP Date
(For Work Within City ROW Only)



License Expiration Date: 04-30-22
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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING

Kahupaani St & Ulune St

Traffic Signal Modernization,
Oahu, Phase 1

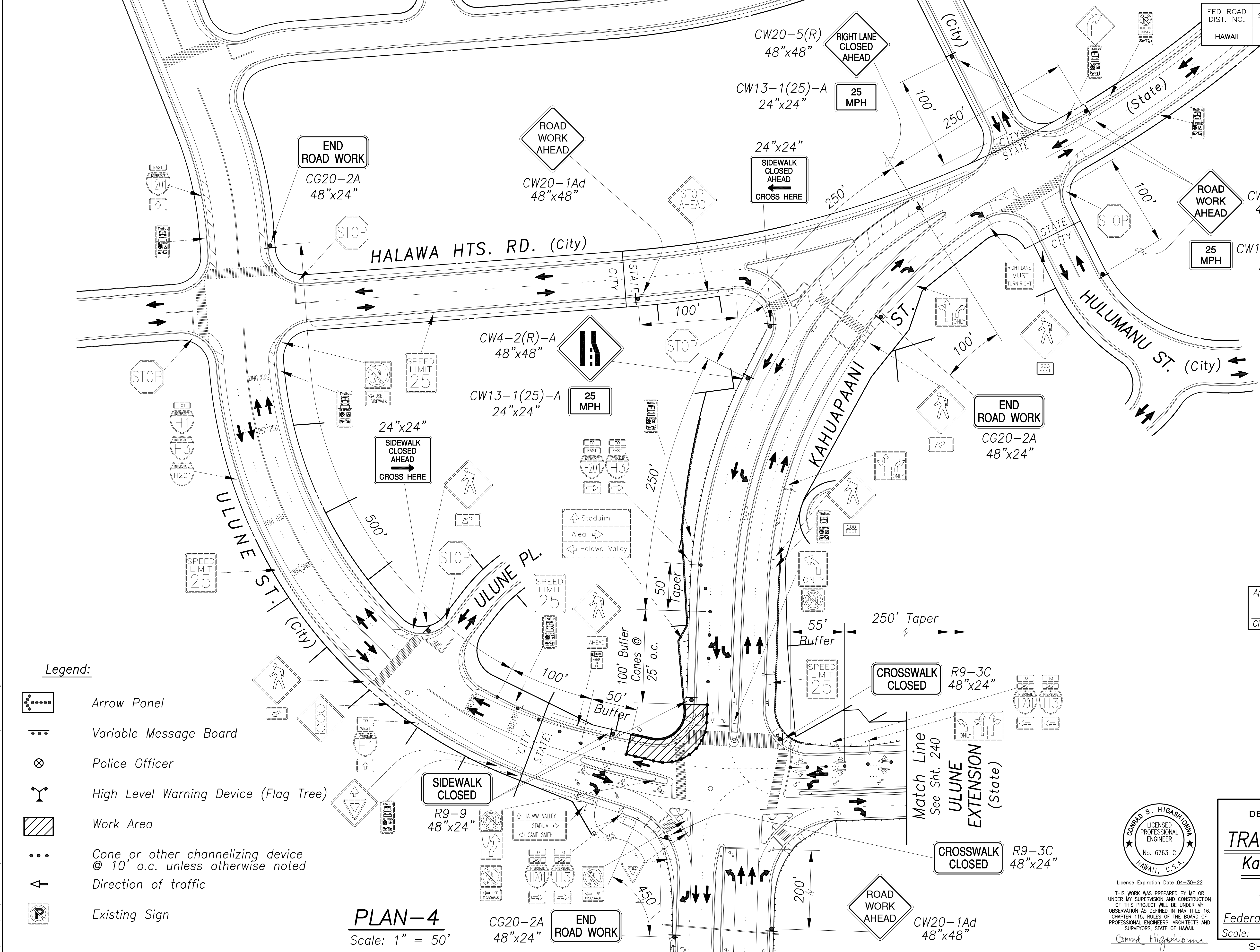
Federal-Aid Project No. STP-0300(163)

Scale: _____ Date: July 2020

SHEET No. TC-8 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	239	284

True North
Scale: 1"=50'

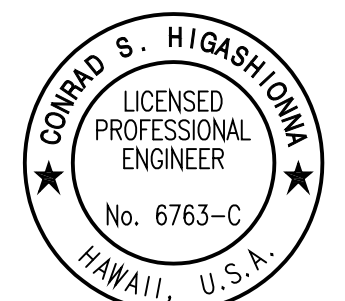


Legend:

- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

PLAN-4
Scale: 1" = 50'

Approved By:
Chief, Traffic Review Branch, DPP Date



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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

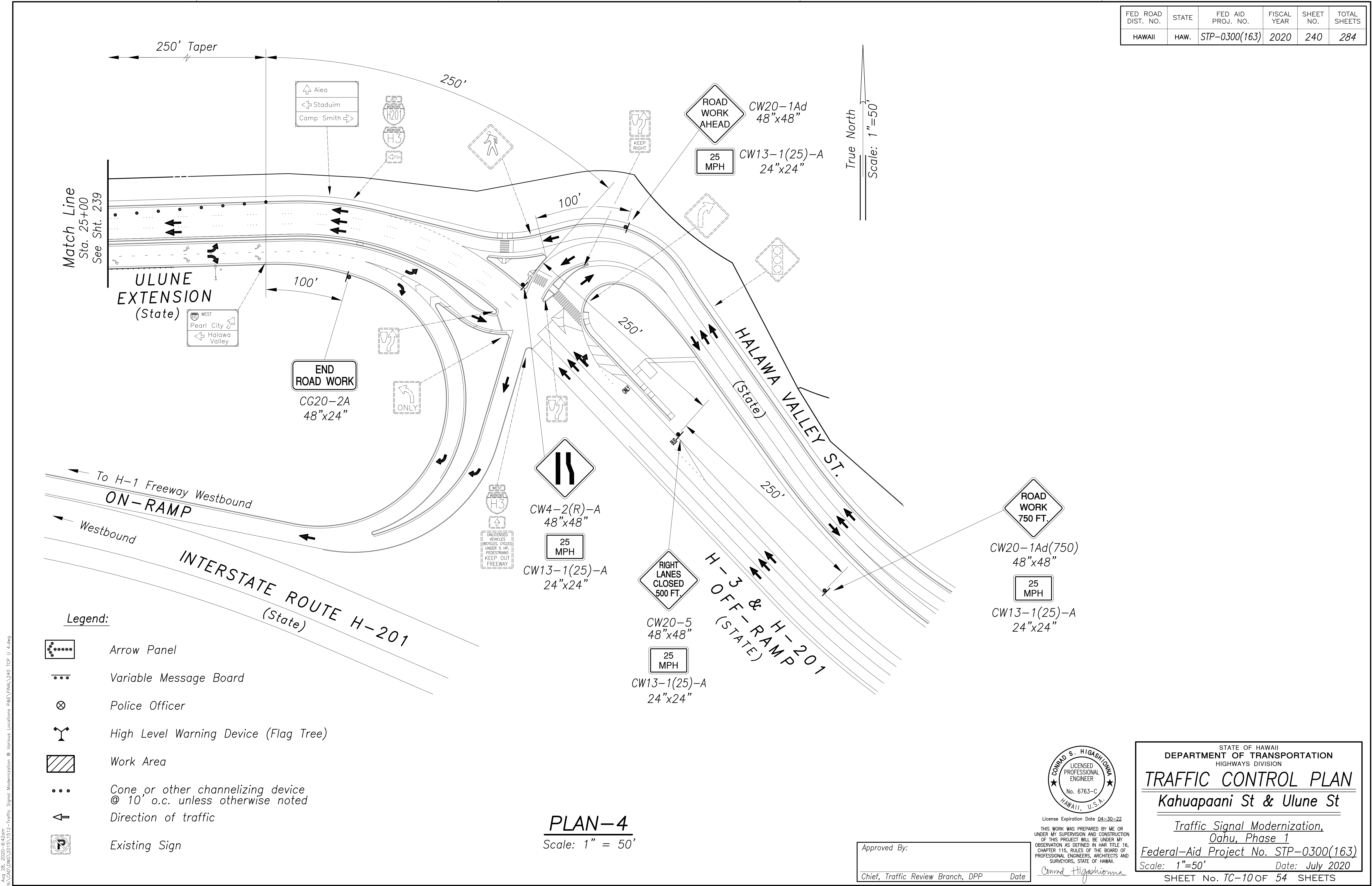
TRAFFIC CONTROL PLAN
Kahupaani St & Ulune St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-9 OF 54 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

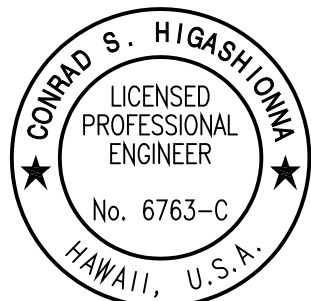
Aug 28, 2020-6:40am
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\239 TCP U 4.dwg

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	240	284



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

Aug 28, 2020-8:42am
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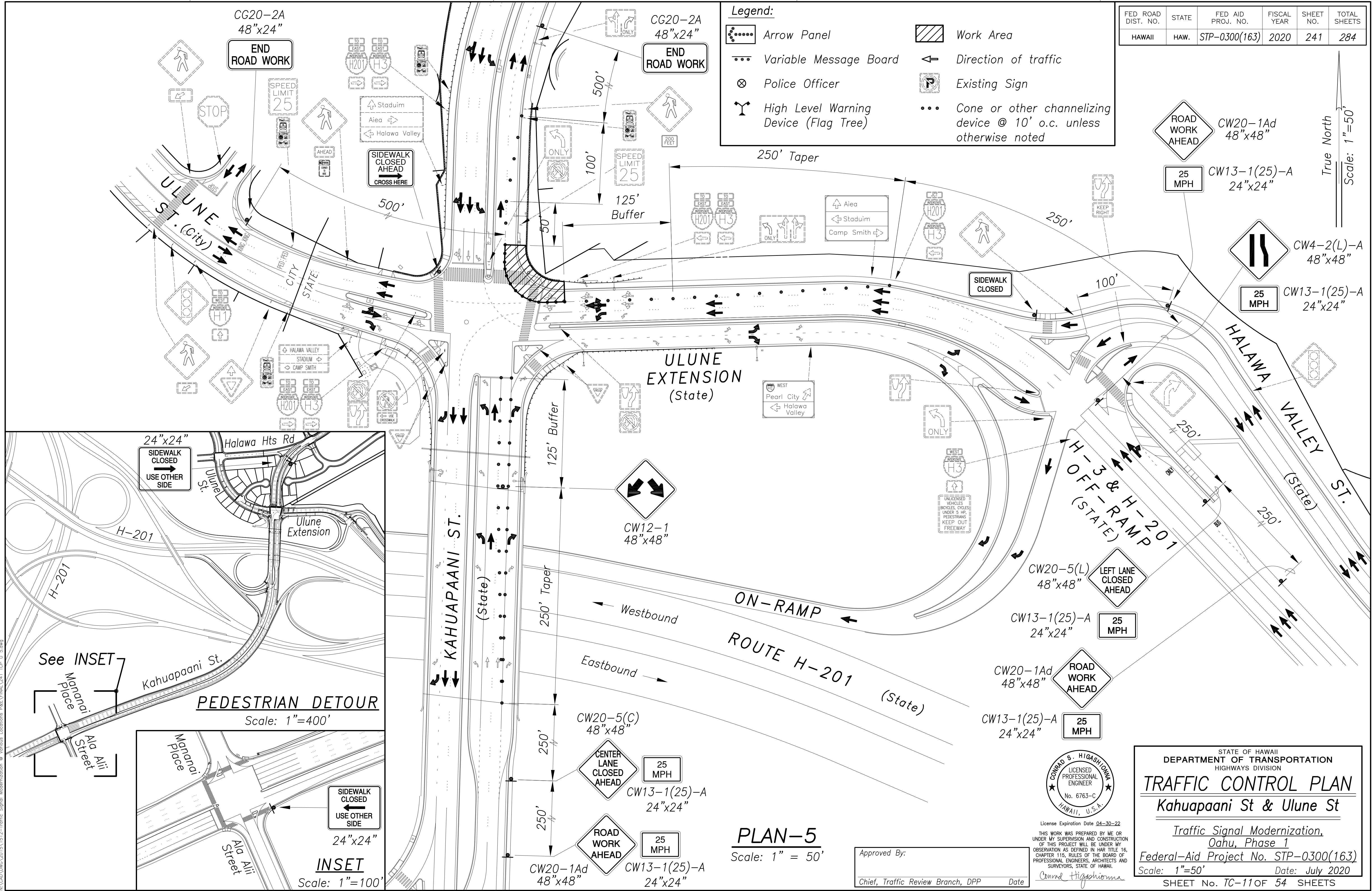


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Conrad Higashimura

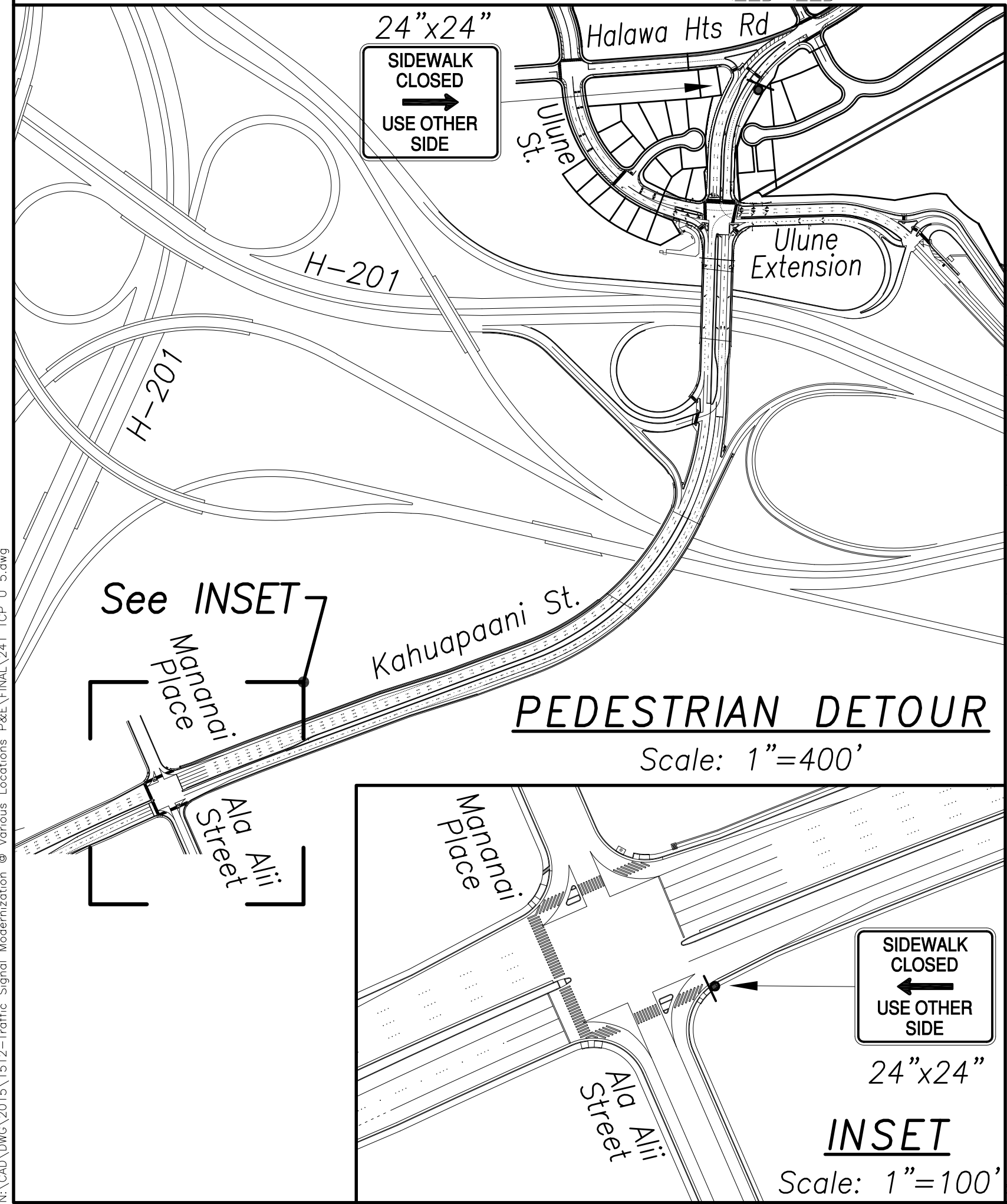
Approved By:
Chief, Traffic Review Branch, DPP Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
Kahuapaani St & Ulune St
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-10 OF 54 SHEETS



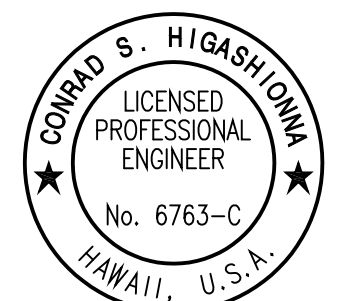
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	241	284

True North
Scale: 1"=50'



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

Aug 28, 2020-6:42am
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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kahuapaani St & Ulune St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)

Scale: 1"=50' Date: July 2020

SHEET No. TC-11 OF 54 SHEETS

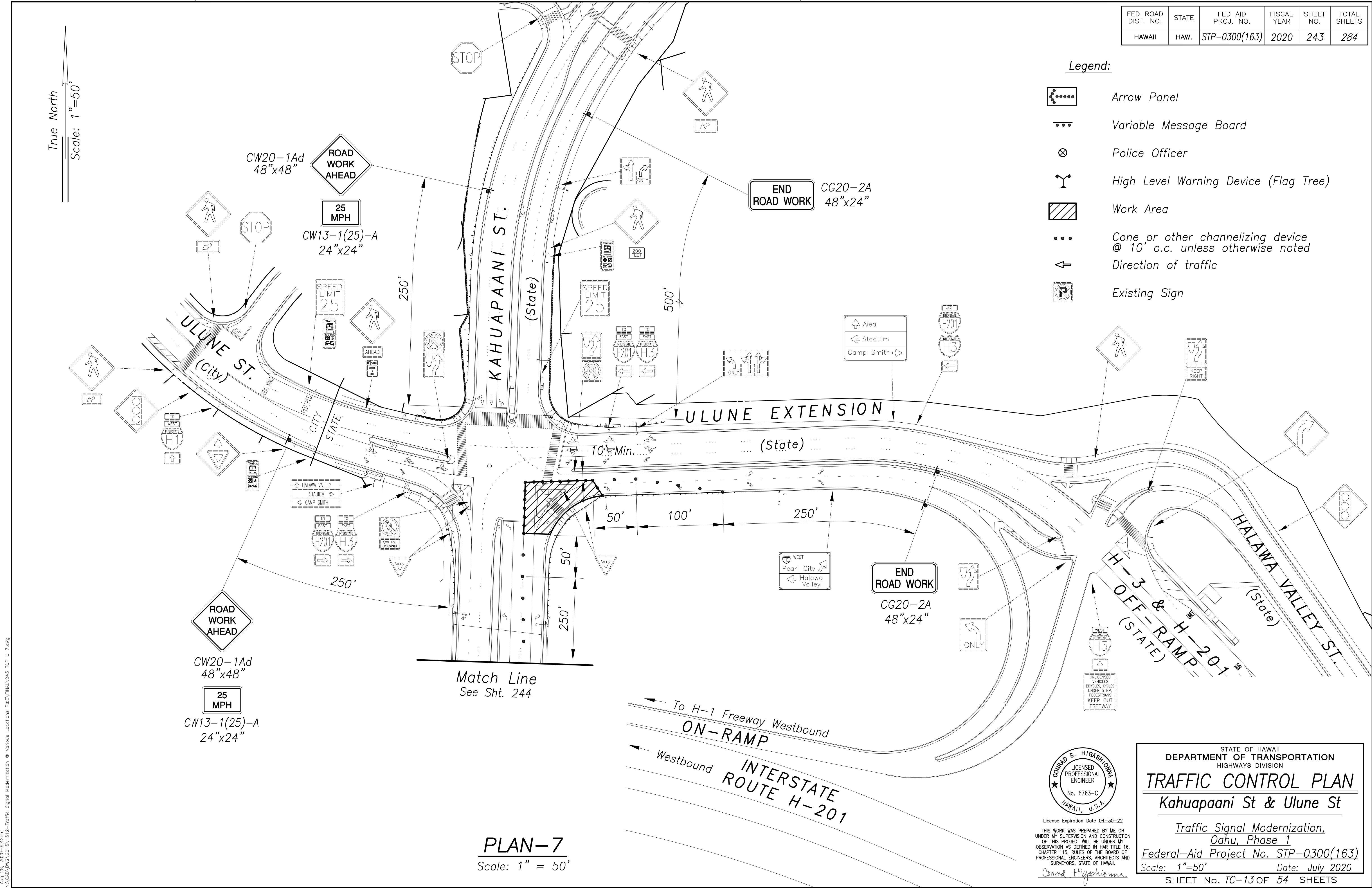
PLAN-5
Scale: 1" = 50'

Approved By: _____
Chief, Traffic Review Branch, DPP Date _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	243	284

Legend:

- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

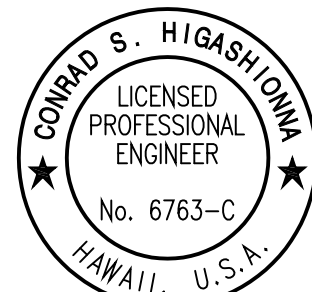


DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

Aug 28, 2020-8:42am
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PLAN-7

Scale: 1" = 50'



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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kahupaani St & Ulune St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)

Scale: 1"=50' Date: July 2020

SHEET No. TC-13 OF 54 SHEETS

1

TRUCK
DETOUR
AHEAD

CW-20d
48"x48"

ULUNE
EXTENSION
CLOSED

E5-2a
24"x24"

2

ULUNE EXTENSION
CLOSED
USE RED HILL

Message Board

7

ULUNE EXTENSION
USE EXIT 1E
STADIUM HALAWA

Message Board

3

CM4-8
24"x12"

M3-2
24"x12"

IM-1(1)
24"x24"

E5-2A
24"x24"

M6-3
24"x15"

DETOUR

EAST

INTERSTATE
H201

ULUNE
EXTENSION
CLOSED

↑

4

CM4-8
24"x12"

M3-2
24"x12"

IM-1(1)
24"x24"

E5-2A
24"x24"

M6-3
24"x15"

DETOUR

EAST

INTERSTATE
H201

ULUNE
EXTENSION

↑

5

CM4-8
24"x12"

M3-2
24"x12"

IM-1(1)
24"x24"

E5-2A
24"x24"

M6-2(R)
24"x15"

DETOUR

EAST

INTERSTATE
H201

ULUNE
EXTENSION

↗

6

CM4-8
24"x12"

M3-2
24"x12"

IM-1(1)
24"x24"

E5-2A
24"x24"

M6-1
24"x15"

DETOUR

EAST

INTERSTATE
H201

ULUNE
EXTENSION

←

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	245	284

DETOUR PLAN B
Scale: 1" = 200'

Note:
The Contractor shall provide two mobile variable message boards to inform the public of the lane closures. The message boards shall be provided two weeks prior to the public. The location of the message boards shall be coordinated with the Engineer. Costs for providing the message boards shall be incidental to various contract items.

Legend:
← Detour Path
▲▲▲ Type II Barricades with steady burn lamps
Variable Message Boards

Approved By: _____
Chief, Traffic Review Branch, DPP Date: _____

CONRAD S. HIGASHIOWA
LICENSED PROFESSIONAL ENGINEER
No. 6763-C
HAWAII, U.S.A.

License Expiration Date: 04-30-22
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Conrad Higashiowa

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
Kahuapaani St & Ulune St
*Traffic Signal Modernization,
Oahu, Phase 1*
Federal-Aid Project No. STP-0300(163)
Scale: 1"=200' Date: July 2020
SHEET No. TC-15 OF 54 SHEETS

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

Aug 28, 2020-8:43am
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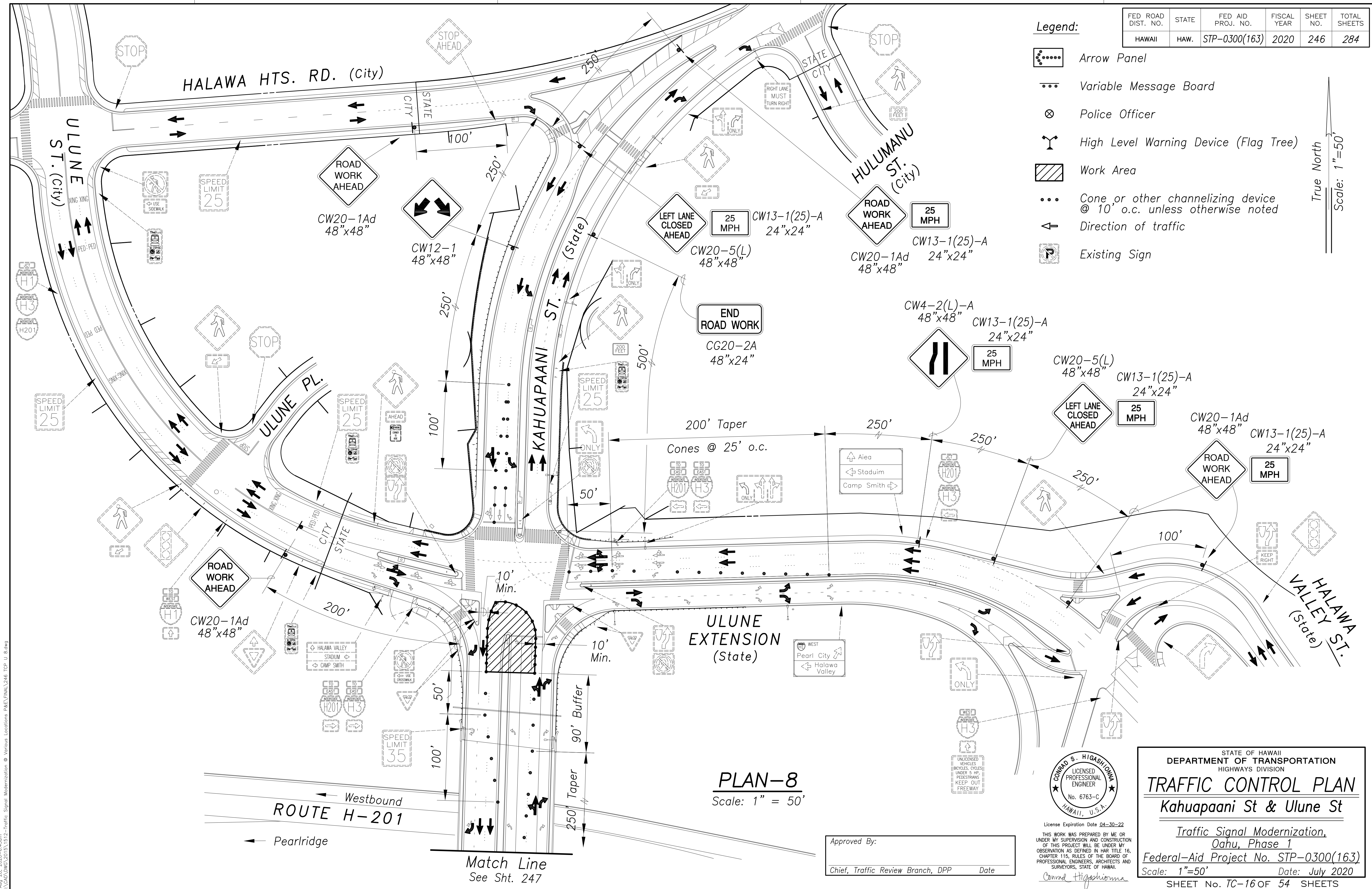
245

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	246	284

Legend:

- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

True North
Scale: 1"=50'

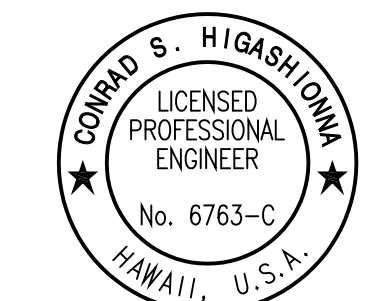


DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
No.	_____

Aug 28, 2020-6:43pm
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\246 TCF U 8.dwg

PLAN-8
Scale: 1" = 50'

Approved By: _____
Chief, Traffic Review Branch, DPP Date



License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kahupaani St & Ulune St

*Traffic Signal Modernization,
Oahu, Phase 1*

Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020

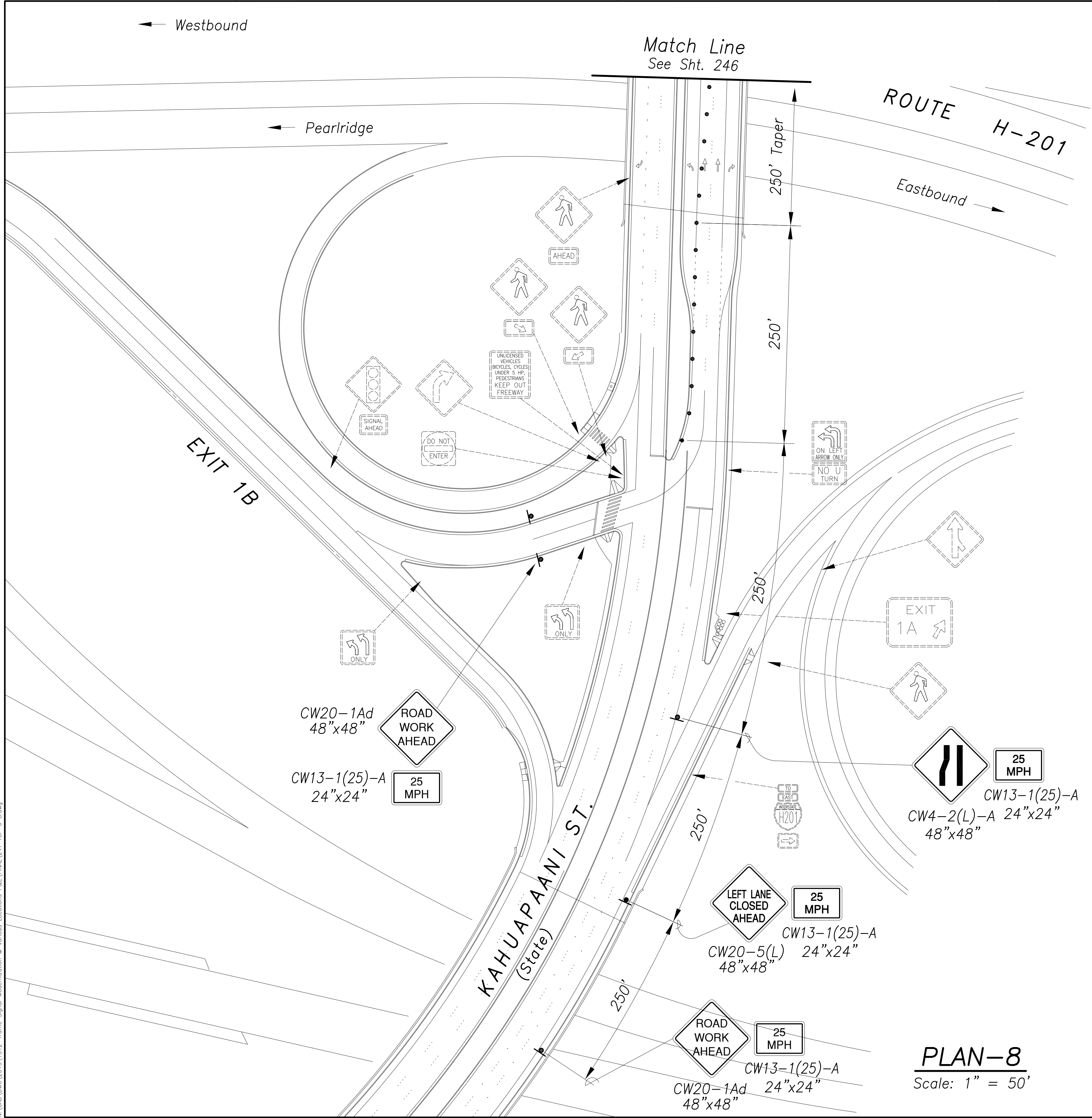
SHEET No. TC-16 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	247	284

Legend:

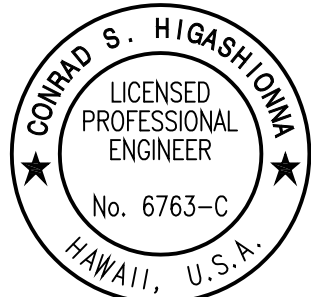
- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

True North
Scale: 1"=50'



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

Aug 28, 2020-8:43am
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\247 TCF U 8.dwg



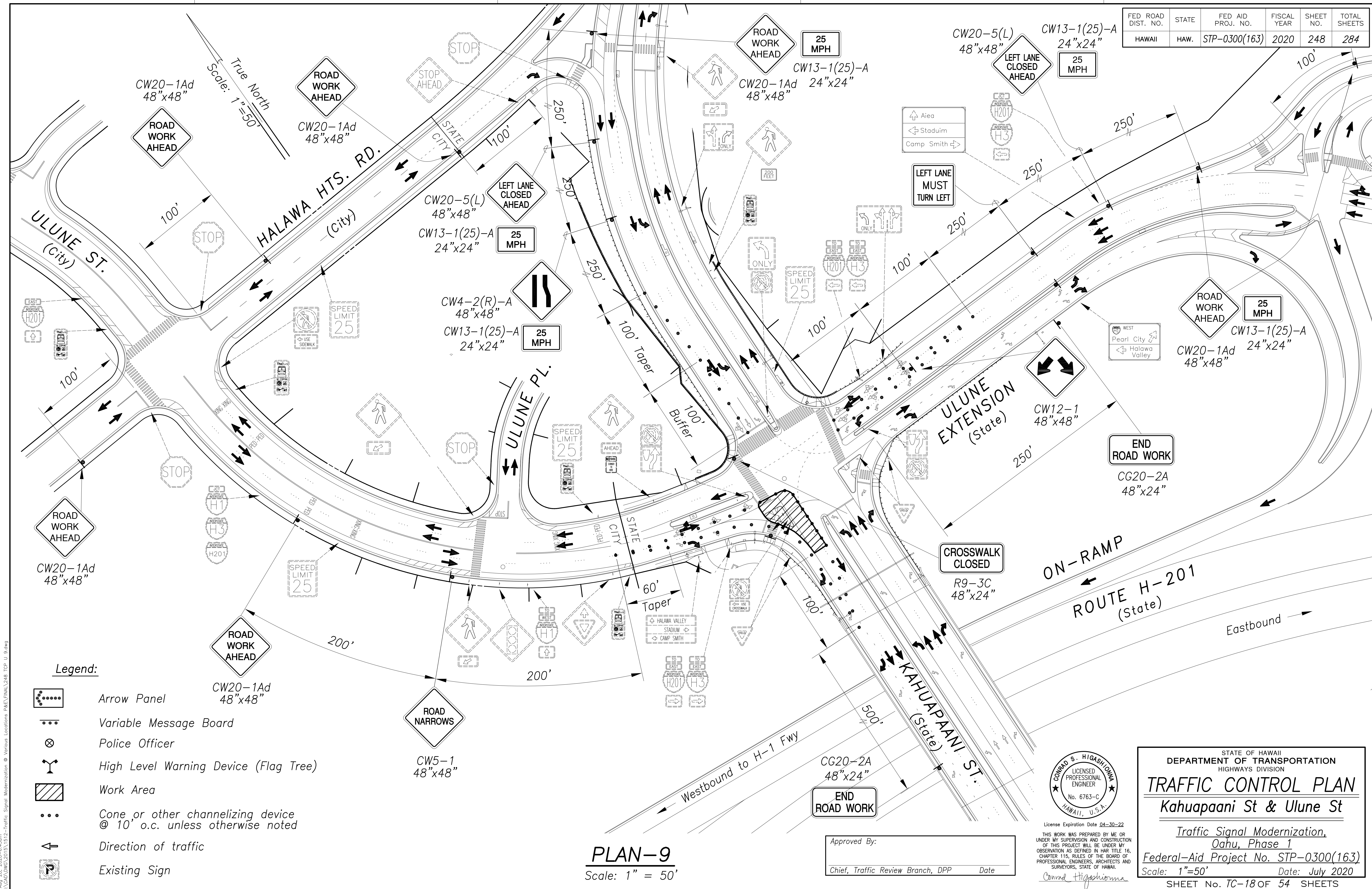
License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kahuapaani St & Ulune St
*Traffic Signal Modernization,
Oahu, Phase 1*
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-17 OF 54 SHEETS

PLAN-8
Scale: 1" = 50'

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	248	284

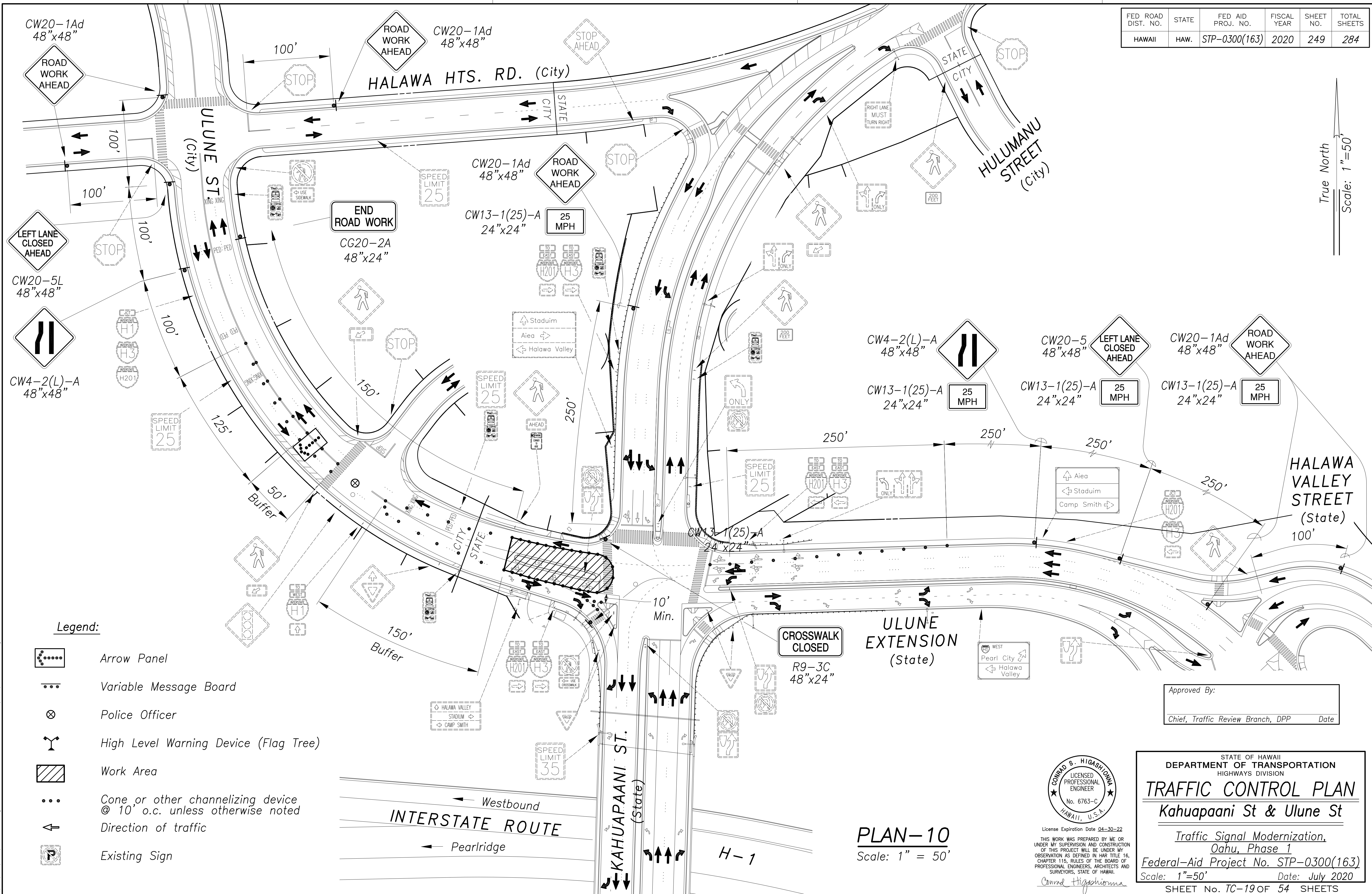


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

Aug 28, 2020-6:43pm
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	249	284

True North
Scale: 1"=50'

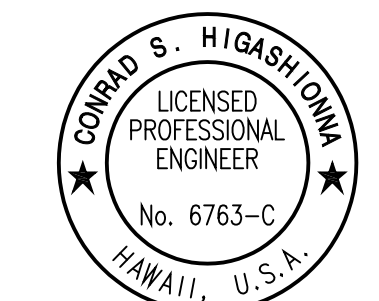


Legend:

- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
No.	

Aug 28, 2020-6:43pm
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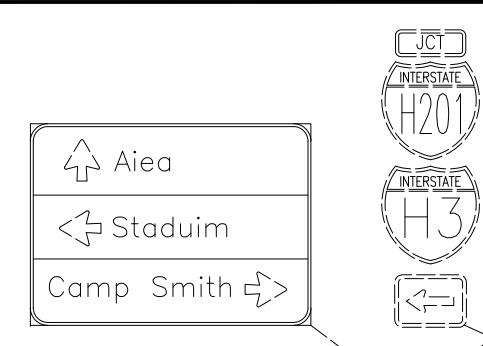
License Expiration Date: 04-30-22
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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

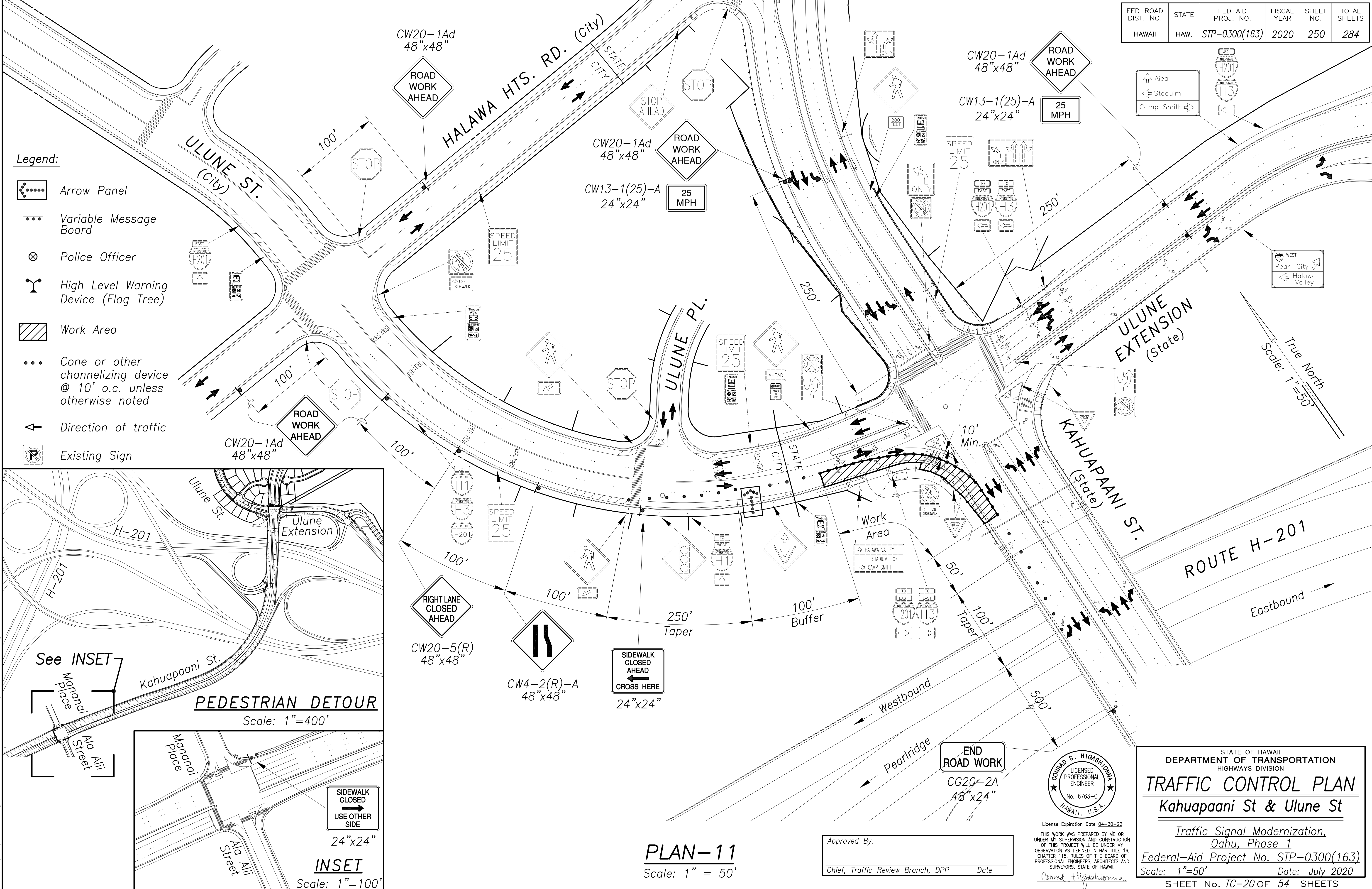
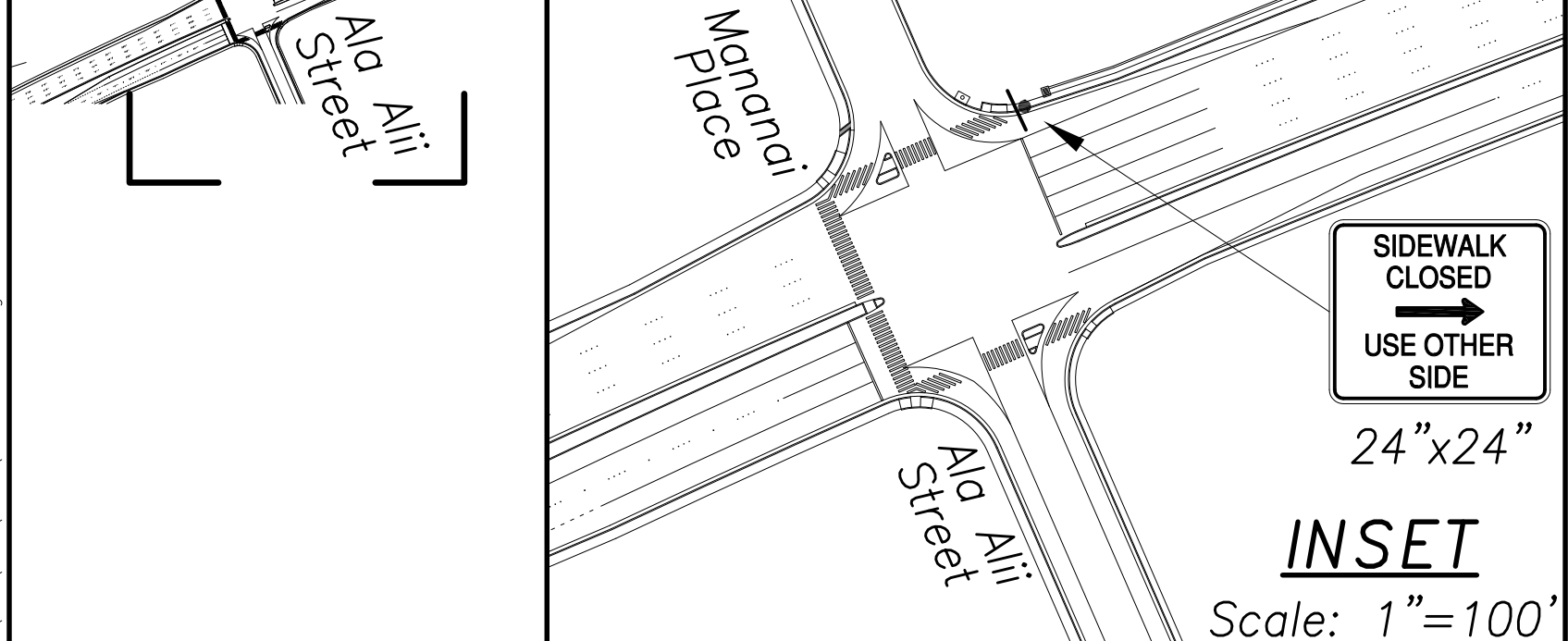
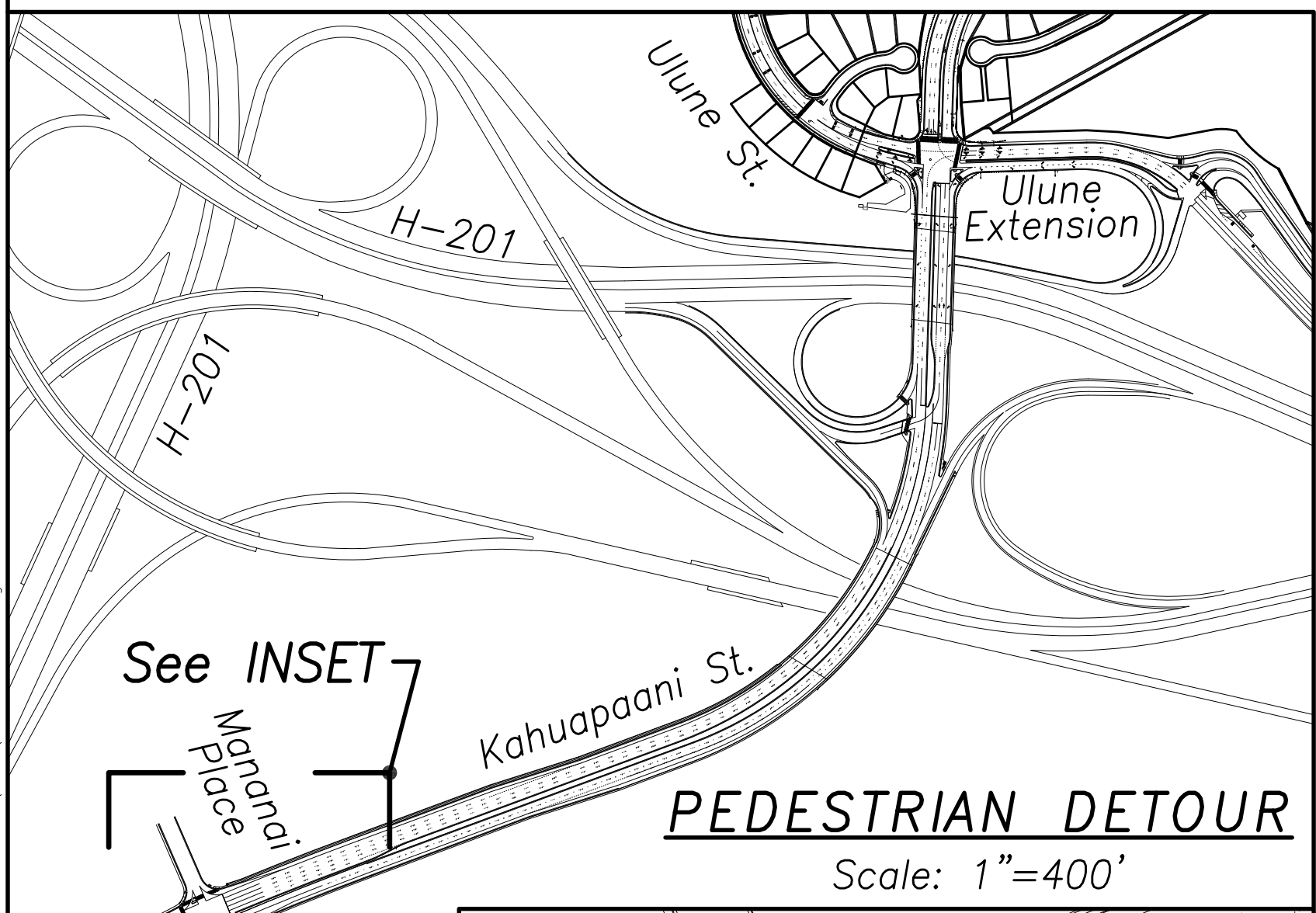
TRAFFIC CONTROL PLAN
Kahuapaani St & Ulune St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-19 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	250	284

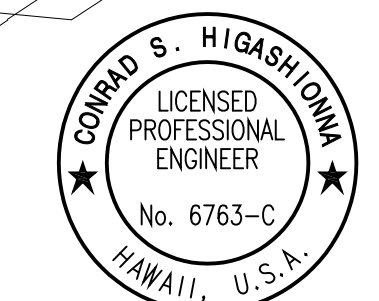


- Legend:**
- Arrow Panel
 - Variable Message Board
 - Police Officer
 - High Level Warning Device (Flag Tree)
 - Work Area
 - Cone or other channelizing device @ 10' o.c. unless otherwise noted
 - Direction of traffic
 - Existing Sign



DATE	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
NO.	_____

Aug 28, 2020-14:30m
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\250 TCF U 11.dwg



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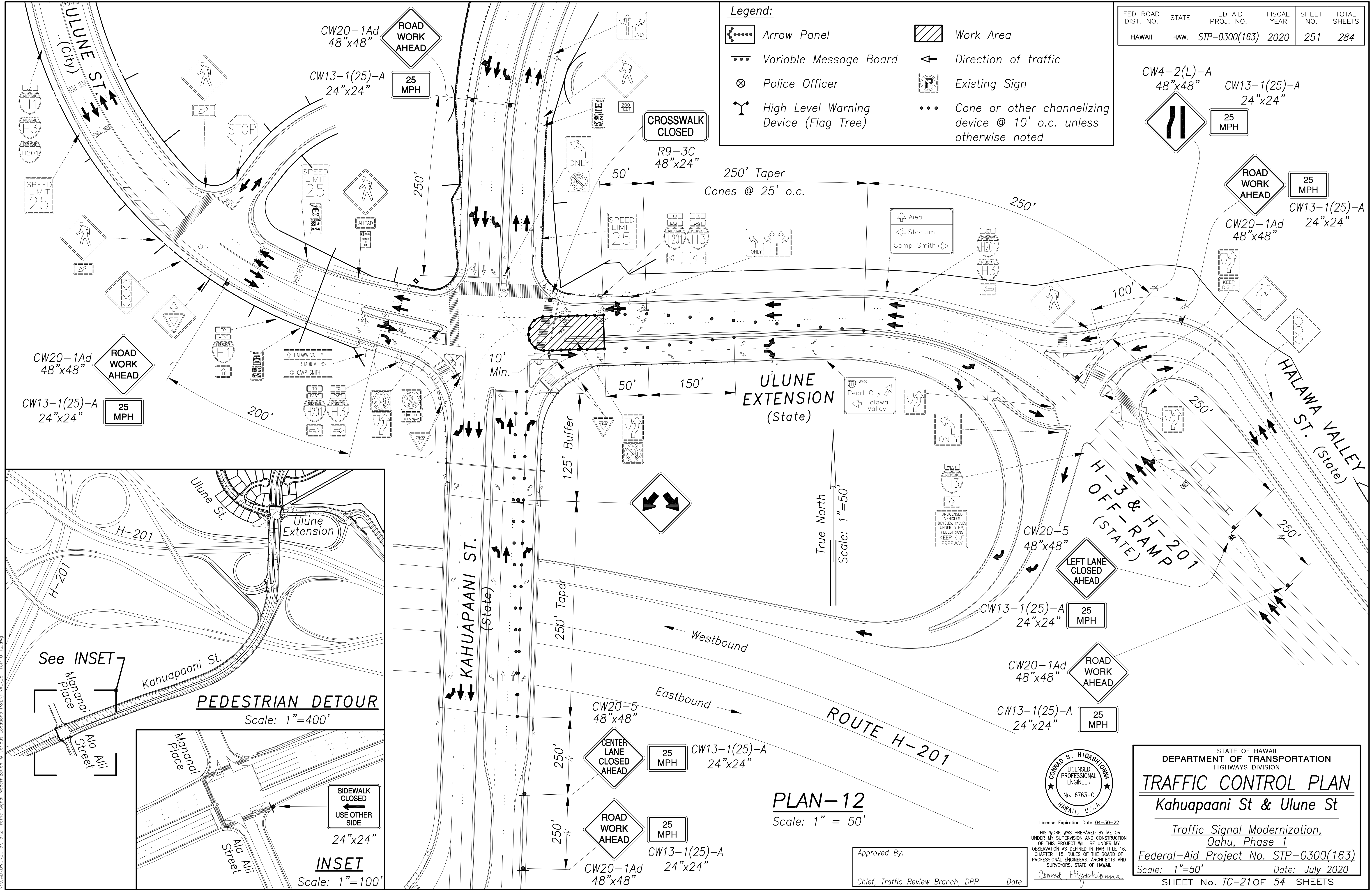
Approved By: _____
Chief, Traffic Review Branch, DPP Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kahuapaani St & Ulune St

*Traffic Signal Modernization,
Oahu, Phase 1*

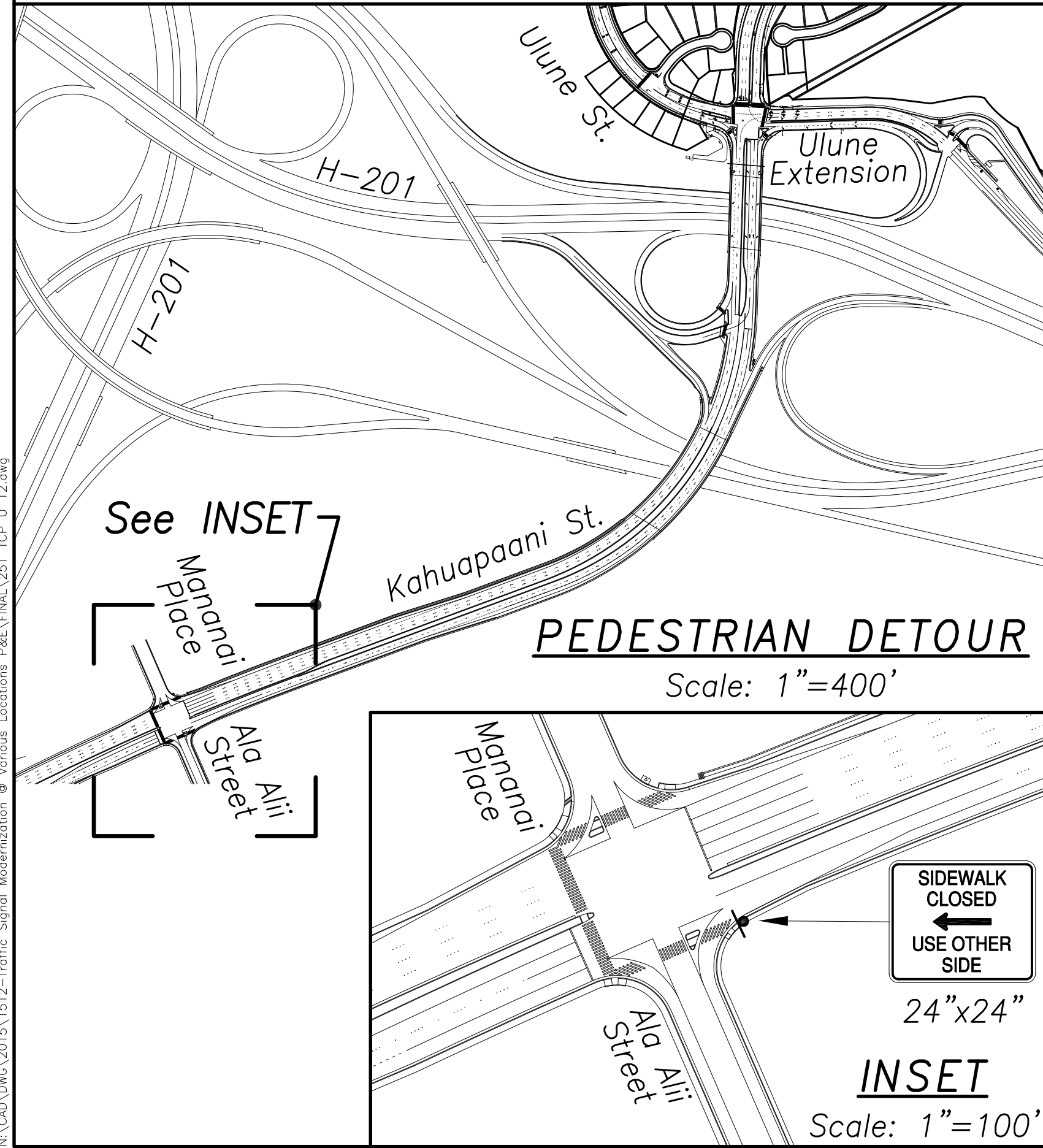
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-20 OF 54 SHEETS



Legend:

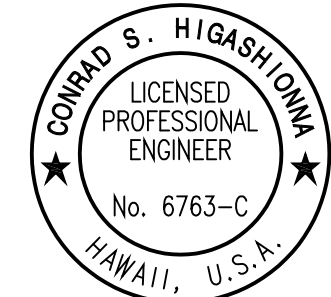
Arrow Panel	Work Area
Variable Message Board	Direction of traffic
Police Officer	Existing Sign
High Level Warning Device (Flag Tree)	Cone or other channelizing device @ 10' o.c. unless otherwise noted

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	251	284



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

Aug 28, 2020-14:35m
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\251 TCF U 12.dwg



License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kahupaani St & Ulune St

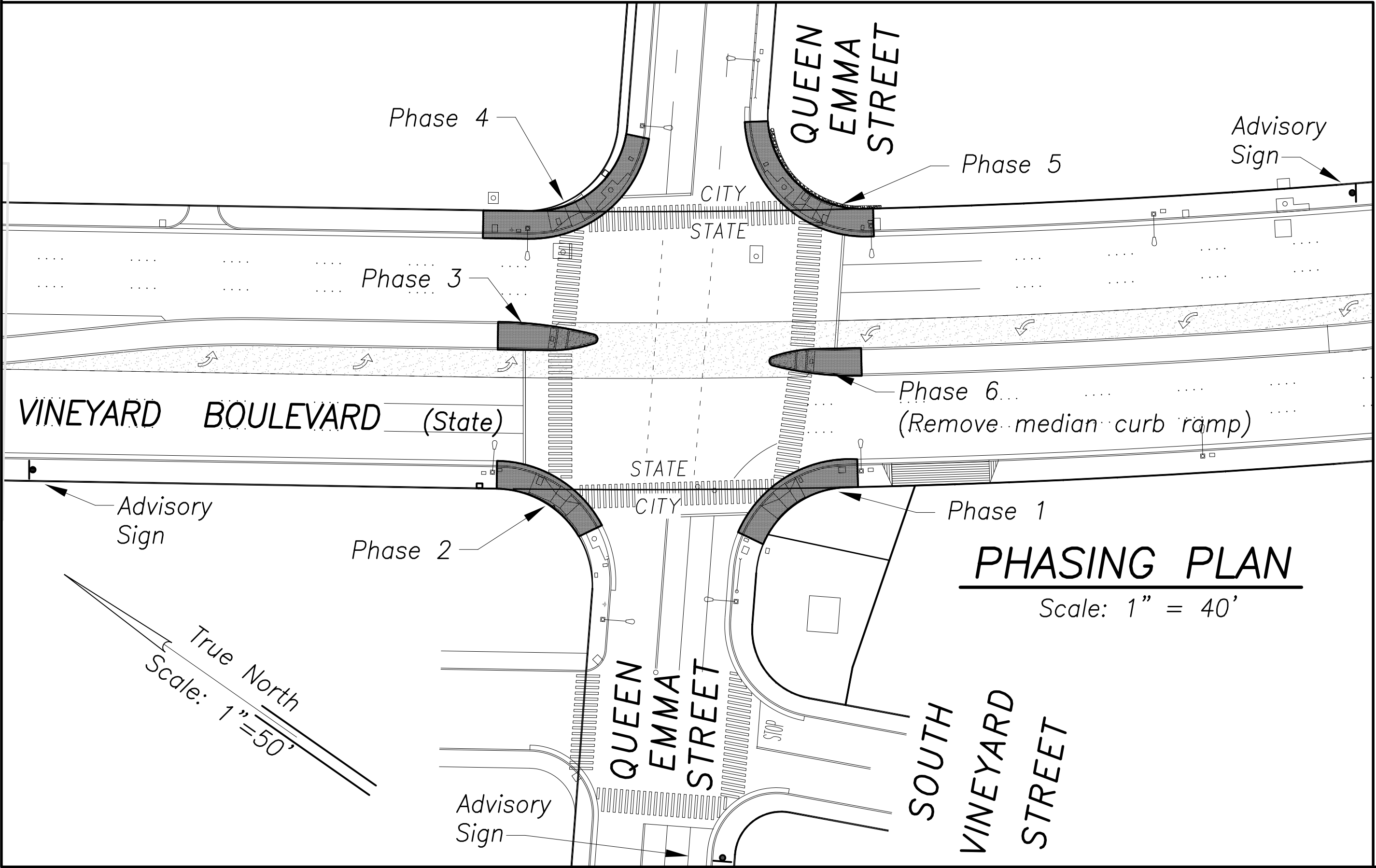
*Traffic Signal Modernization,
Oahu, Phase 1*
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-21 OF 54 SHEETS

Approved By: _____ Date: _____
Chief, Traffic Review Branch, DPP

DESCRIPTION OF WORK IN TRAFFIC CONTROL PLAN WORK AREAS						
Phase	Work Description	Days of the Week	Lane Closure Hours	Approximate Working Days Duration	Traffic Control Plan/ Detour Plan	Sheet #
1	Install temporary erosion and sediment control measures. Demolish concrete walkway, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	8:30 am to 3:00 pm	10	13 13 15	253 254 256
2	Demolish sidewalk, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	8:30 am to 3:00 pm	10	13 14 15	253 255 256
3	Demolish curb along median island. Construct traffic signal equipment and curb.	M-F	8:30 am to 3:00 pm	10	16 17	257 258
4	Demolish concrete ramps, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	8:30 am to 3:00 pm	10	18 18 20	259 261 262
5	Demolish sidewalk, curb ramp, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, and curb ramp.	M-F	8:30 am to 3:00 pm	5	19 19 20	260 261 262
6	Demolish ramp and curb at median. Construct traffic signal equipment and curb.	M-F	8:30 am to 3:00 pm	10	21 22	263 264

CONSTRUCTION PHASING NOTES:

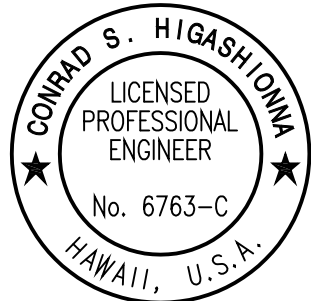
1. The Contractor shall install two (3) advisory signs (as specified in Subsection 645.03(G) Advisory Signs) at the locations shown the Phasing Plan on this sheet. The Contractor shall make advisory signs as needed to facilitate construction. The final location of all advisory signs shall be designated by the Engineer. The advisory signs shall include a phone number, starting date and hours of construction in sign message. This work shall be incidental to traffic control lump sum and will not be paid for separately.
2. The Contractor shall provide three (3) mobile variable message boards for the duration of the project starting one week prior to start of construction to inform the public of lane closures. The location of all message boards shall be designated by the Engineer. Message boards shall be incidental to traffic control lump sum and will not be paid for separately.
3. Highway drainage shall be maintained at all times during construction. This work shall be incidental to the contract items.
4. During construction, the Contractor shall escort pedestrians through construction work area with police men or with other personnel approved by the Engineer.
5. During NON-construction periods, the Contractor shall render the work area safe for pedestrians and provide ADA accessible routes through the work area. This work shall be incidental to the contract items.



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

Aug 28, 2020-14:30m
N:\CADD\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\252.TCP V Phasing.dwg

Approved By: _____
Chief, Traffic Review Branch, DPP
(For Work Within City ROW Only) Date _____



License Expiration Date: 04-30-22
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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING

Vineyard Blvd & Queen Emma St

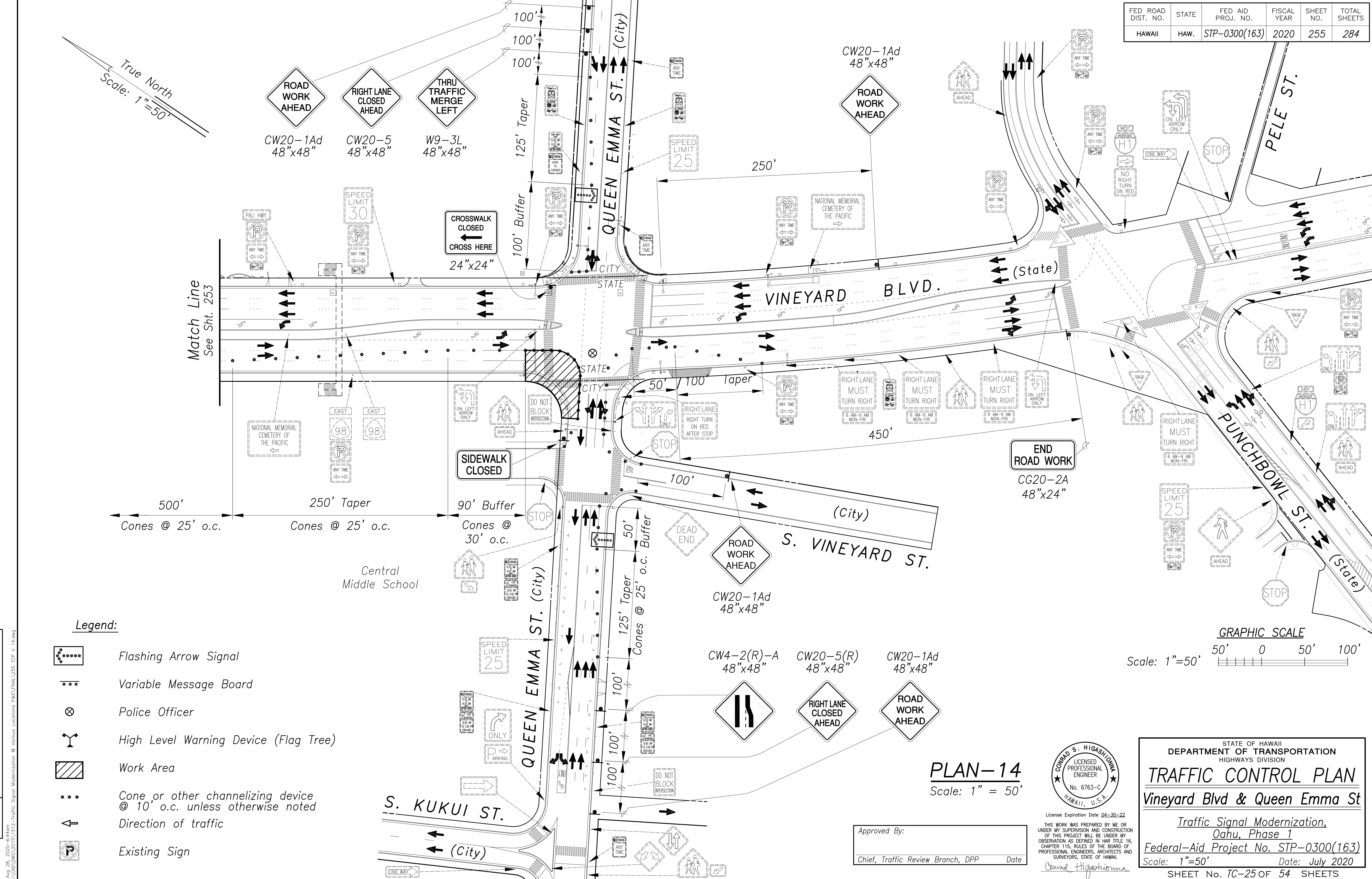
Traffic Signal Modernization,
Oahu, Phase 1

Federal-Aid Project No. STP-0300(163)

Scale: _____ Date: July 2020

SHEET No. TC-22 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	255	284

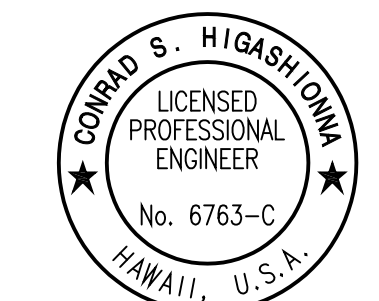


Legend:

- Flashing Arrow Signal
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

PLAN-14
Scale: 1" = 50'

Approved By: _____
Chief, Traffic Review Branch, DPP Date



License Expiration Date 04-30-22
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Vineyard Blvd & Queen Emma St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-25 OF 54 SHEETS

Aug 28, 2020-6:44am
 Y:\CAD\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\257 TCP V 16.dwg



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

Vineyard Blvd & Queen Emma St

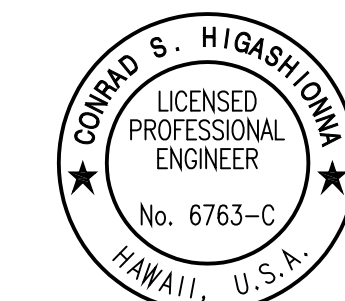
*Traffic Signal Modernization,
Oahu, Phase 1*

Federal-Aid Project No. STP-0300(163)

Scale: 1"=50' Date: July 2020

SHEET NO. TC-27 OF 54 SHEETS

Aug 28, 2020-6:44am
 Y:\CAD\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\258 TCP V 17.dwg

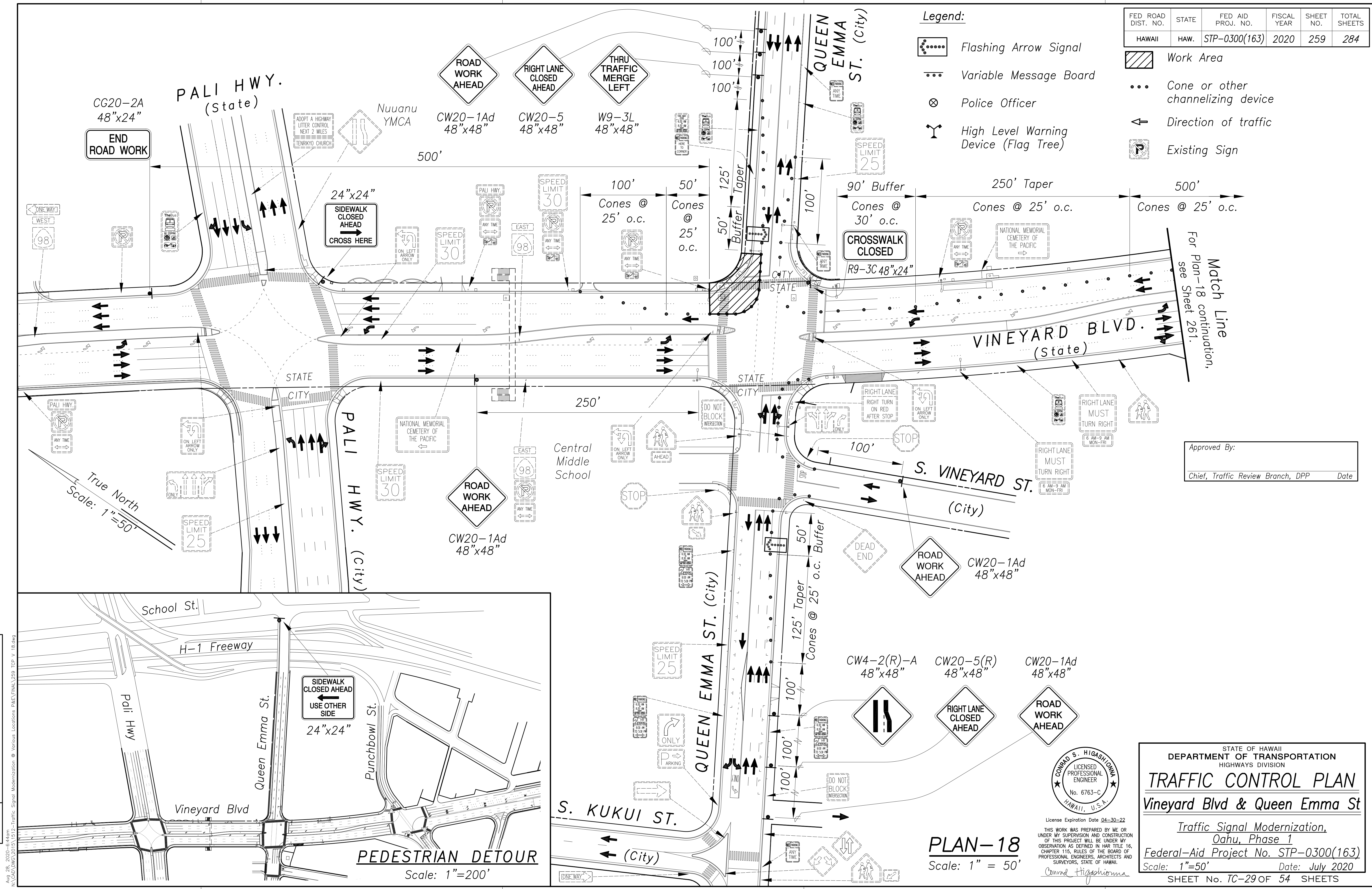


License Expiration Date 04-30-22

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Conrad Higashimura

258



Legend:

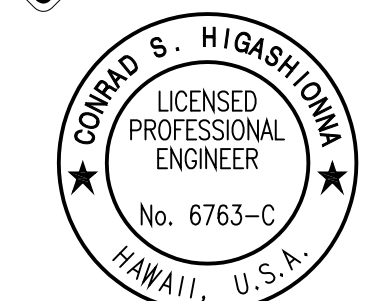
- Flashing Arrow Signal
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device
- Direction of traffic
- Existing Sign

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	259	284

Approved By: _____
Chief, Traffic Review Branch, DPP Date

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
NO.	_____

Aug 28, 2020 - 8:40am
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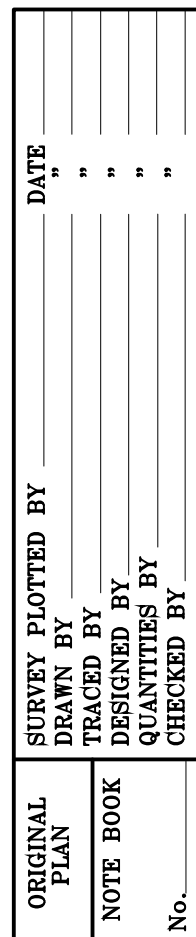


License Expiration Date 04-30-22
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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Vineyard Blvd & Queen Emma St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-29 OF 54 SHEETS



Aug 28, 2020-6:45am
\\CAP\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&F\FINAL\261 TCP V 18 & 19.dwg



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

Vineyard Blvd & Queen Emma St

*Traffic Signal Modernization,
Oahu, Phase 1*

Federal-Aid Project No. STP-0300(163)

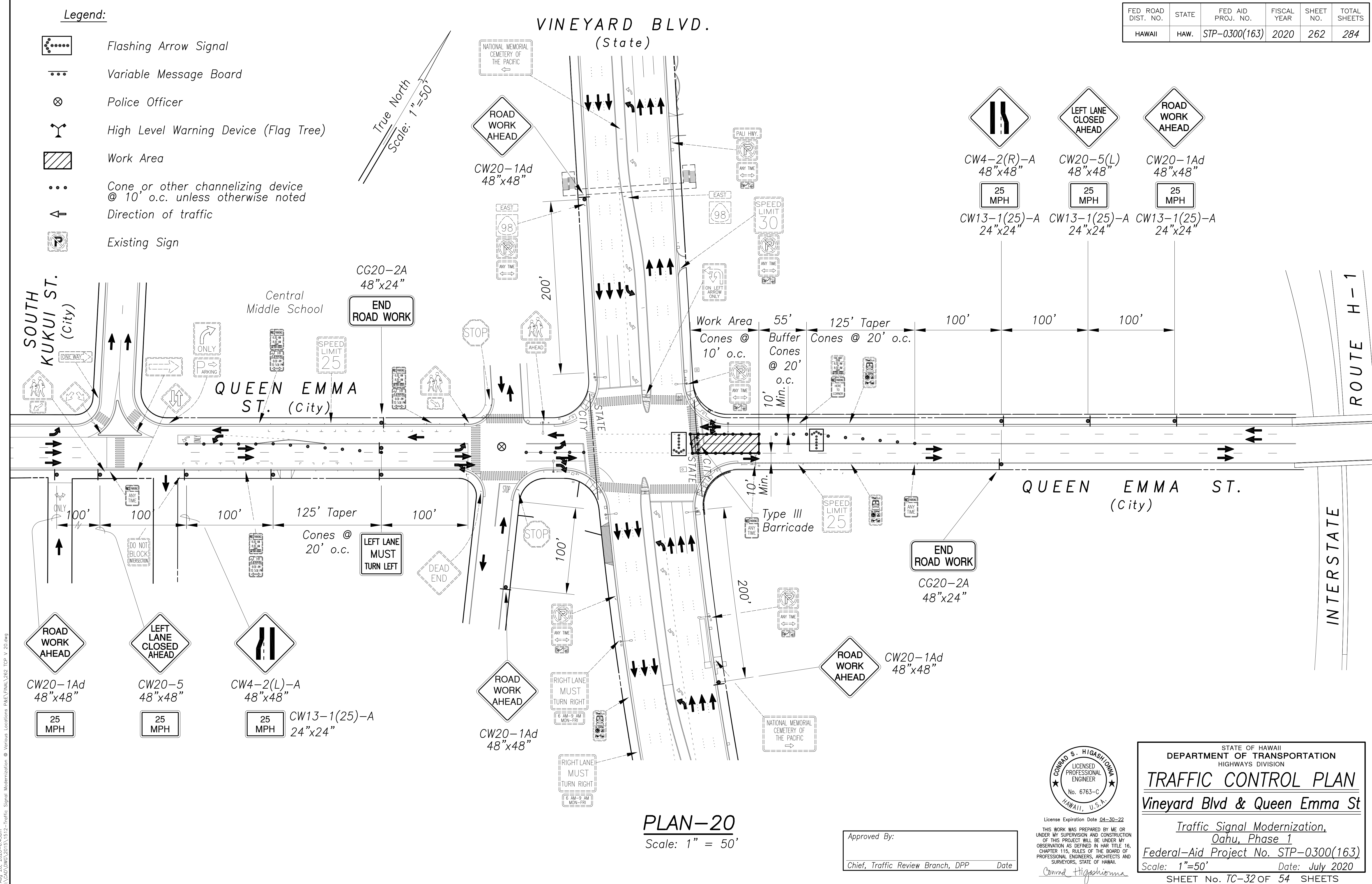
Scale: 1"=50' Date: July 2020

SHEET NO. 7C-31 OF 54 SHEETS

Legend:

- Flashing Arrow Signal
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

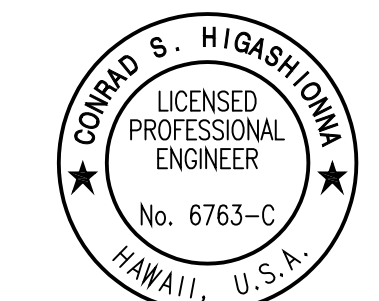
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	262	284



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	
CHECKED BY	

Aug. 28, 2020 - 6:45pm
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\262.TCP V 20.dwg



License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

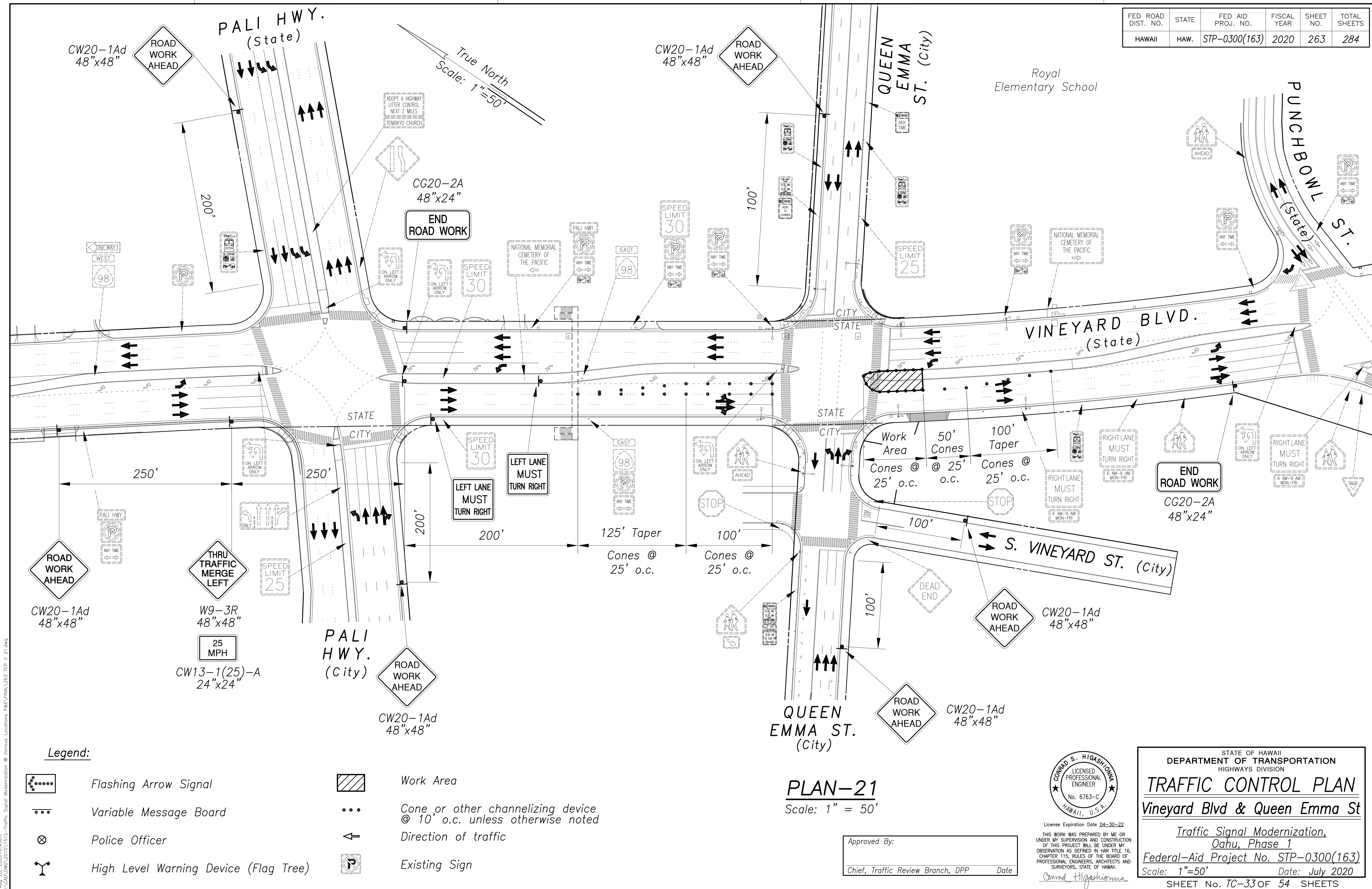
Approved By: _____
Chief, Traffic Review Branch, DPP Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Vineyard Blvd & Queen Emma St

*Traffic Signal Modernization,
Oahu, Phase 1*
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-32 OF 54 SHEETS

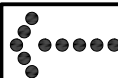







FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	263	284

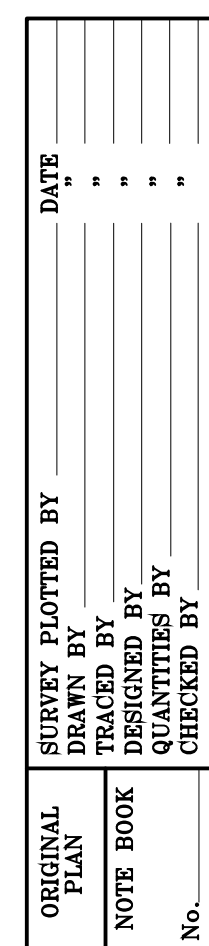


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

Aug 28, 2020-14:50m
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\263 TCF V 21.dwg

Legend:

	Flashing Arrow Signal
	Variable Message Board
	Police Officer
	High Level Warning Device (Flag Tree)
	Work Area
	Cone or other channelizing device @ 10' o.c. unless otherwise noted
	Direction of traffic
	Existing Sign

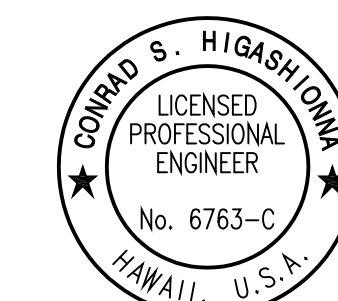


Aug 28, 2020-6:45am
N:\CAD\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\264 TCP V 22.dwg

PLAN-22
Scale: 1" = 50'

Approved By: _____

Chief, Traffic Review Branch, DPP _____ Date: _____



License Expiration Date 04-30-22

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Conrad Higaoshionna

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

Vineyard Blvd & Queen Emma St

*Traffic Signal Modernization,
Oahu, Phase 1*

Federal-Aid Project No. STP-0300(163)

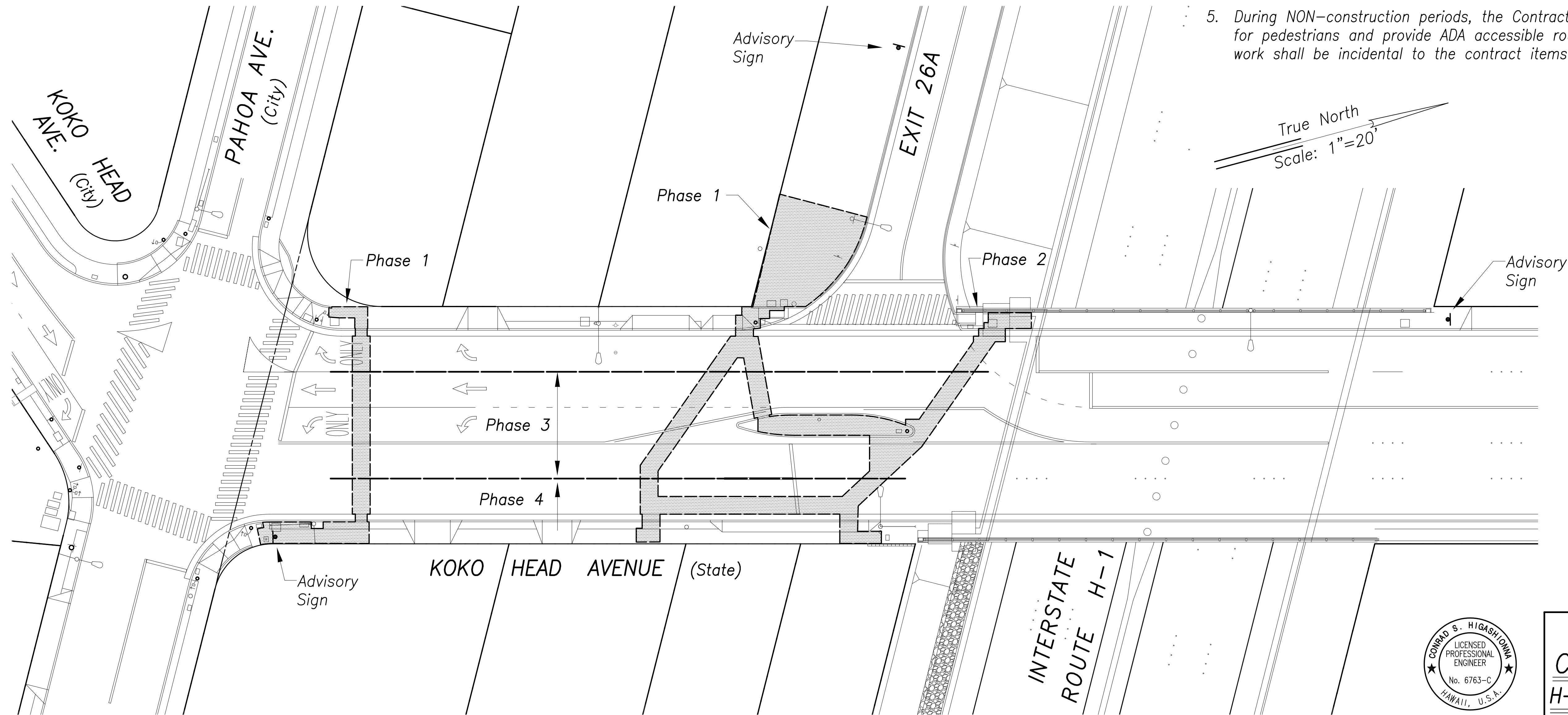
Scale: 1"=50' Date: July 2020

SHEET No. *7C-34 OF 54* SHEETS

DESCRIPTION OF WORK IN TRAFFIC CONTROL PLAN WORK AREAS						
Phase	Work Description	Days of the Week	Lane Closure Hours	Approximate Working Days Duration	Traffic Control Plan/ Detour Plan	Sheet #
1	Install temporary erosion and sediment control measures. Demolish concrete walkway, curb, and gutter. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	8:30 am to 3:00 pm	10	23 / Detour C	266 / 268
2	Demolish sidewalk, curb, and gutter. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	8:30 am to 3:00 pm	10	24 / Detour C	267 / 268
3	Demolish curb along median island. Construct traffic signal equipment and curb.	M-F	8:30 am to 3:00 pm	10	25 & 26 / Detour C	269 & 270 / 268
4	Demolish concrete sidewalk, curb, and gutter. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	8:30 am to 3:00 pm	10	27	271

CONSTRUCTION PHASING NOTES:

1. The Contractor shall install two (3) advisory signs (as specified in Subsection 645.03(G) Advisory Signs) at the locations shown the Phasing Plan on this sheet. The Contractor shall make advisory signs as needed to facilitate construction. The final location of all advisory signs shall be designated by the Engineer. The advisory signs shall include a phone number, starting date and hours of construction in sign message. This work shall be incidental to traffic control lump sum and will not be paid for separately.
2. The Contractor shall provide three (3) mobile variable message boards for the duration of the project starting one week prior to start of construction to inform the public of lane closures. The location of all message boards shall be designated by the Engineer. Message boards shall be incidental to traffic control lump sum and will not be paid for separately.
3. Highway drainage shall be maintained at all times during construction. This work shall be incidental to the contract items.
4. During construction, the Contractor shall escort pedestrians through construction work area with police men or with other personnel approved by the Engineer.
5. During NON-construction periods, the Contractor shall render the work area safe for pedestrians and provide ADA accessible routes through the work area. This work shall be incidental to the contract items.

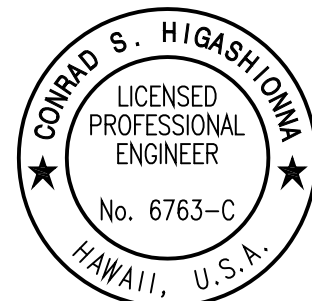


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	
No.		

Aug 28, 2020-14:50m
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\265 TCP H Phasing.dwg

PHASING PLAN
Scale: 1" = 20'

Approved By:
Chief, Traffic Review Branch, DPP
(For Work Within City ROW Only)
Date



License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING
H-1 Exit 26A & Koko Head Ave

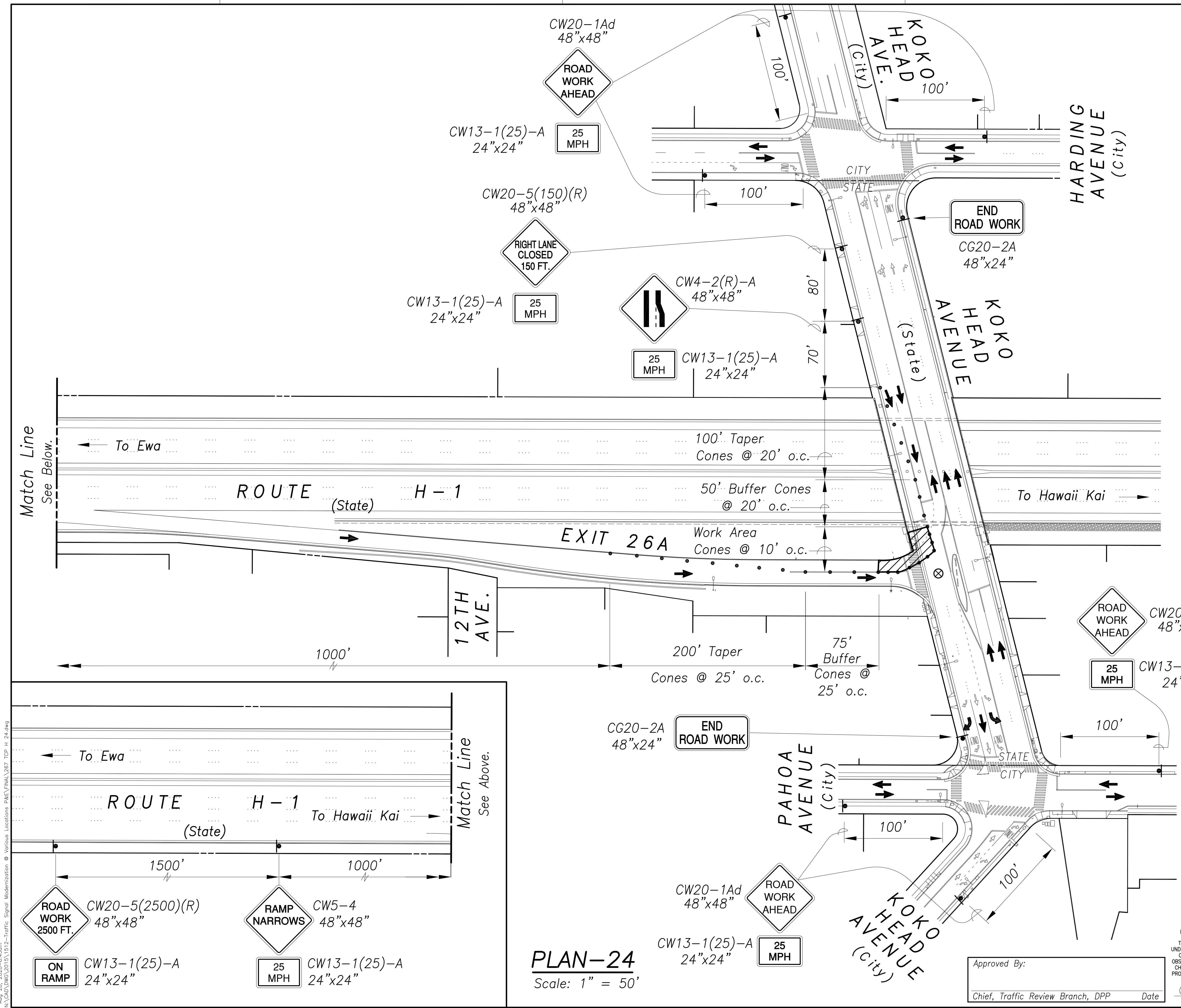
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=20' Date: July 2020

SHEET No. TC-35 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	267	284

Legend:

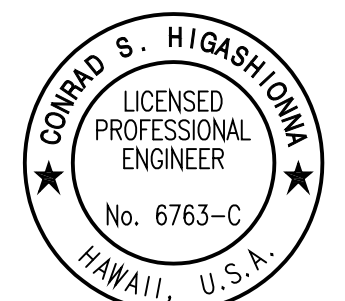
- Arrow Panel
- Arrow Panel Support or Trailer
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign



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

Aug 28, 2020-14:50m
N:\CADD\DWG\2015\1512-Traffic Signal Modernization @ Various Locations\PAHOA\267 TCF H 24.dwg

PLAN-24
Scale: 1" = 50'



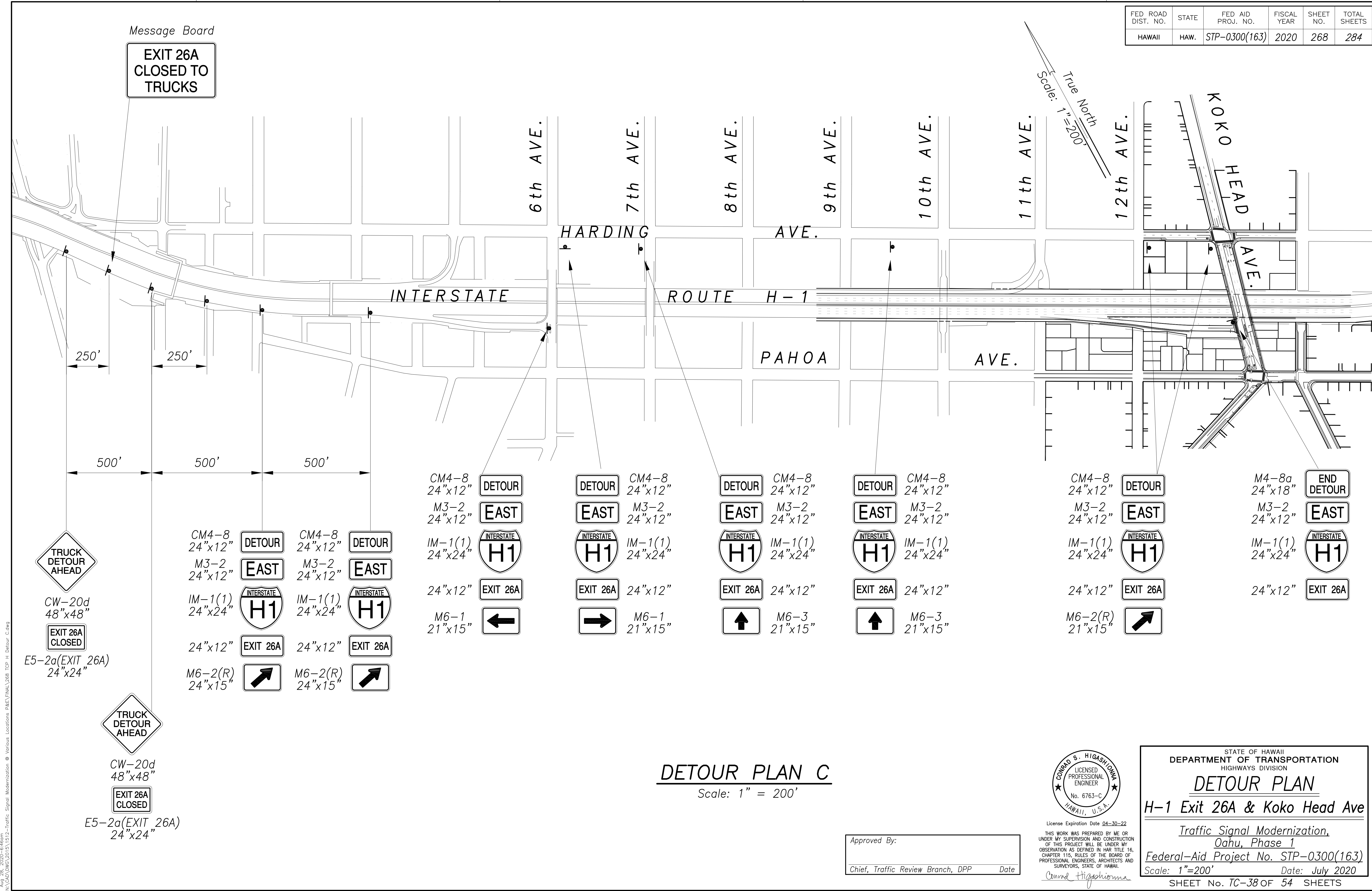
License Expiration Date: 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

Approved By:
Chief, Traffic Review Branch, DPP Date

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
H-1 Exit 26A & Koko Head Ave
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-37 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	268	284

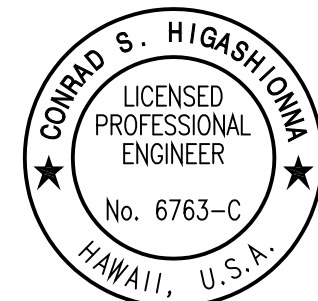


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTE BOOK	
No.	

Aug 28, 2020-843am
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations PA\ET\PA\268 TCP H Detour C.dwg

DETOUR PLAN C
Scale: 1" = 200'

Approved By: _____
Chief, Traffic Review Branch, DPP Date




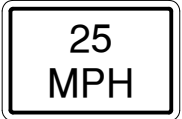
License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
DETOUR PLAN
H-1 Exit 26A & Koko Head Ave
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=200' Date: July 2020
SHEET No. TC-38 OF 54 SHEETS


Warning Sign Callouts:

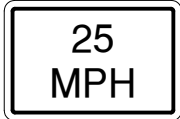
W1


CW20-1Ad
48"x48"



CW13-1(25)-A
24"x24"

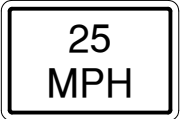
W2


CW20-5(L)
48"x48"

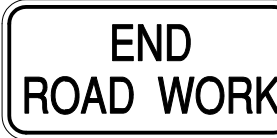

CW13-1(25)-A
24"x24"

W3


CW4-2(L)-A
48"x48"

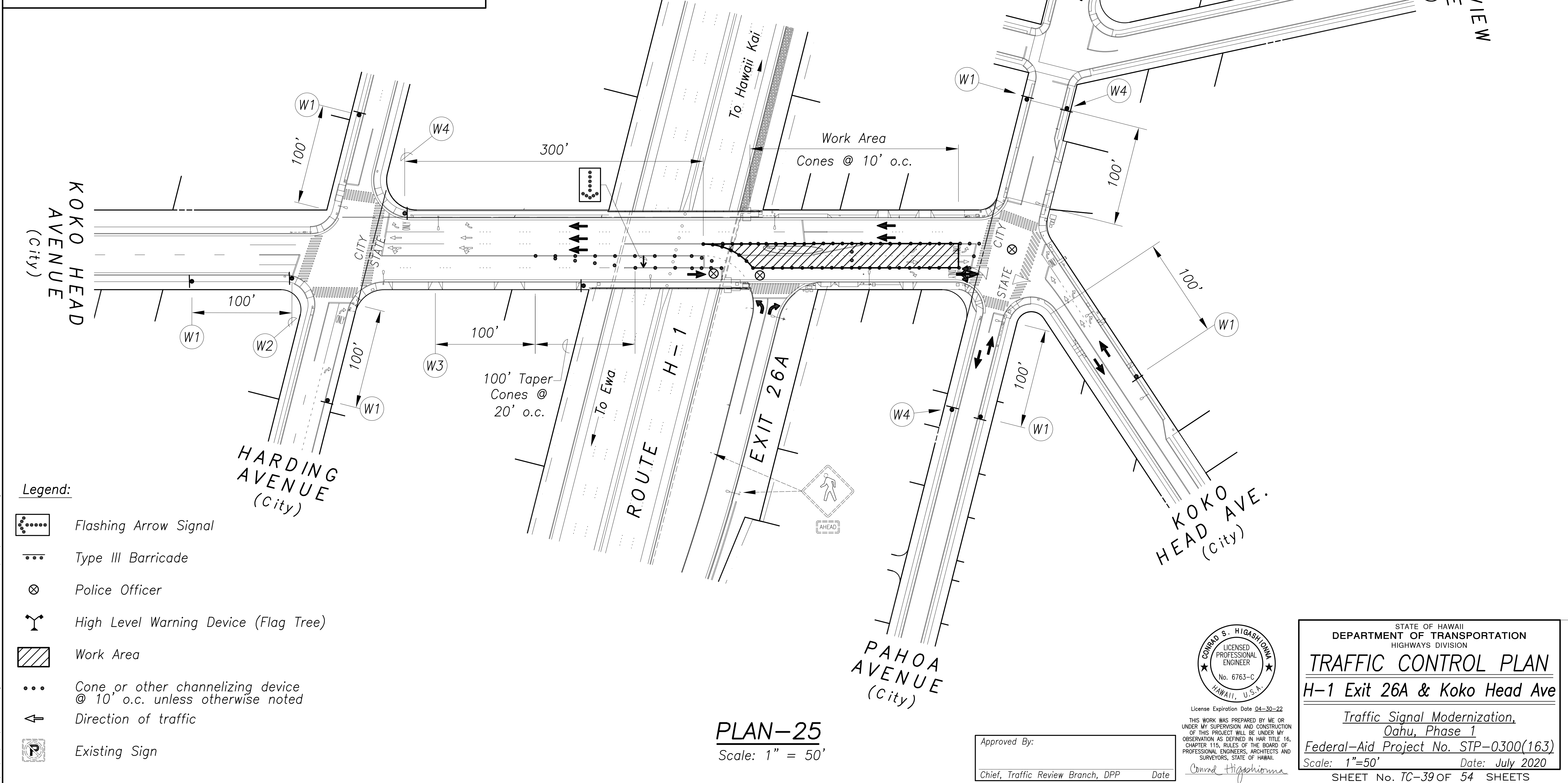

CW13-1(25)-A
24"x24"

W4


CG20-2A
48"x24"

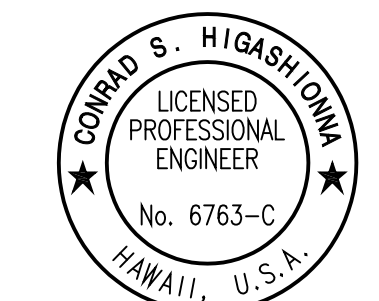
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	239	284

True North
Scale: 1"=50'



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

Aug 28, 2020-844mm
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\269 TCF H 25.dwg



License Expiration Date: 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

Approved By:
Chief, Traffic Review Branch, DPP Date:

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
H-1 Exit 26A & Koko Head Ave

Traffic Signal Modernization,
Oahu, Phase 1


Federal-Aid Project No. STP-0300(163)

Scale: 1"=50' Date: July 2020

SHEET No. TC-39 OF 54 SHEETS

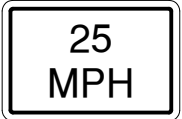
Warning Sign Callouts:

W1



ROAD
WORK
AHEAD


CW20-1Ad
48"x48"



25
MPH

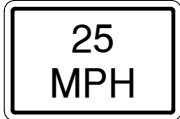
CW13-1(25)-A
24"x24"

W2



LEFT LANE
CLOSED
AHEAD


CW20-5(L)
48"x48"



25
MPH

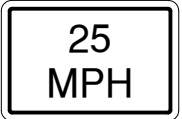
CW13-1(25)-A
24"x24"

W3



PED
CROSSING

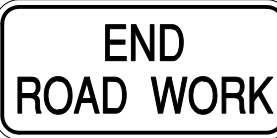
CW20-7
48"x48"



25
MPH

CW13-1(25)-A
24"x24"

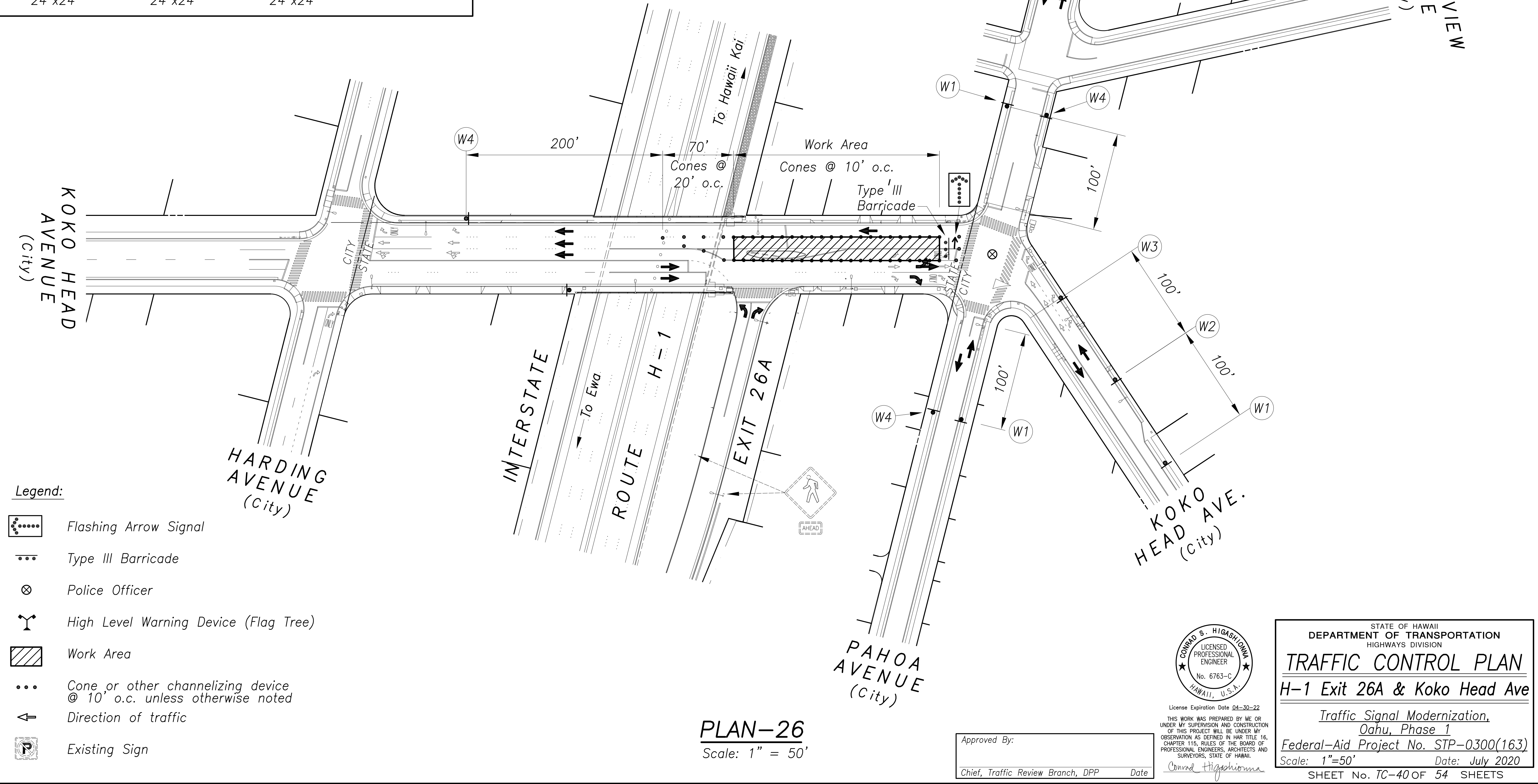
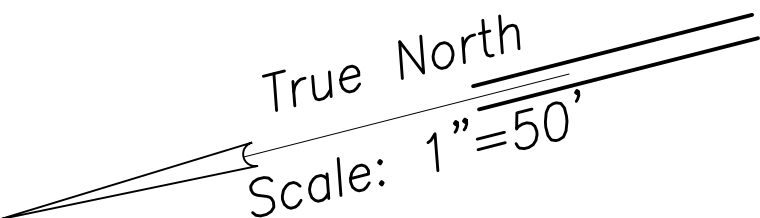
W4



END
ROAD WORK

CG20-2A
48"x24"









FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	270	284



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

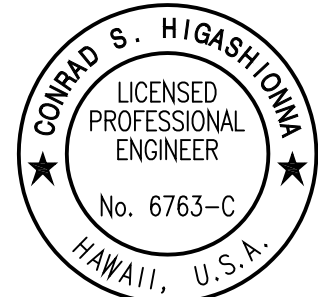
Aug 28, 2020-844mm
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations PAVE\FINAL\270 TCP H 26.dwg

Legend:

-  Flashing Arrow Signal
-  Type III Barricade
-  Police Officer
-  High Level Warning Device (Flag Tree)
-  Work Area
-  Cone or other channelizing device @ 10' o.c. unless otherwise noted
-  Direction of traffic
-  Existing Sign

PLAN-26
Scale: 1" = 50'

Approved By:
Chief, Traffic Review Branch, DPP
Date:



License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.

Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION


TRAFFIC CONTROL PLAN
H-1 Exit 26A & Koko Head Ave

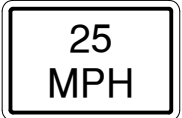
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020

SHEET No. TC-40 OF 54 SHEETS


Warning Sign Callouts:

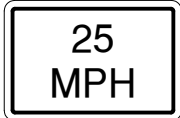
W1


CW20-1Ad
48"x48"



CW13-1(25)-A
24"x24"

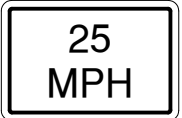
W2


CW20-4
48"x48"



CW13-1(25)-A
24"x24"

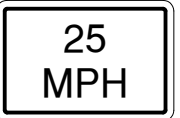
W3


CW20-7
48"x48"

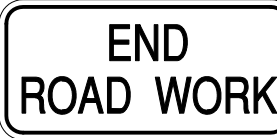

CW13-1(25)-A
24"x24"

W4


CW20-5(R)
48"x48"

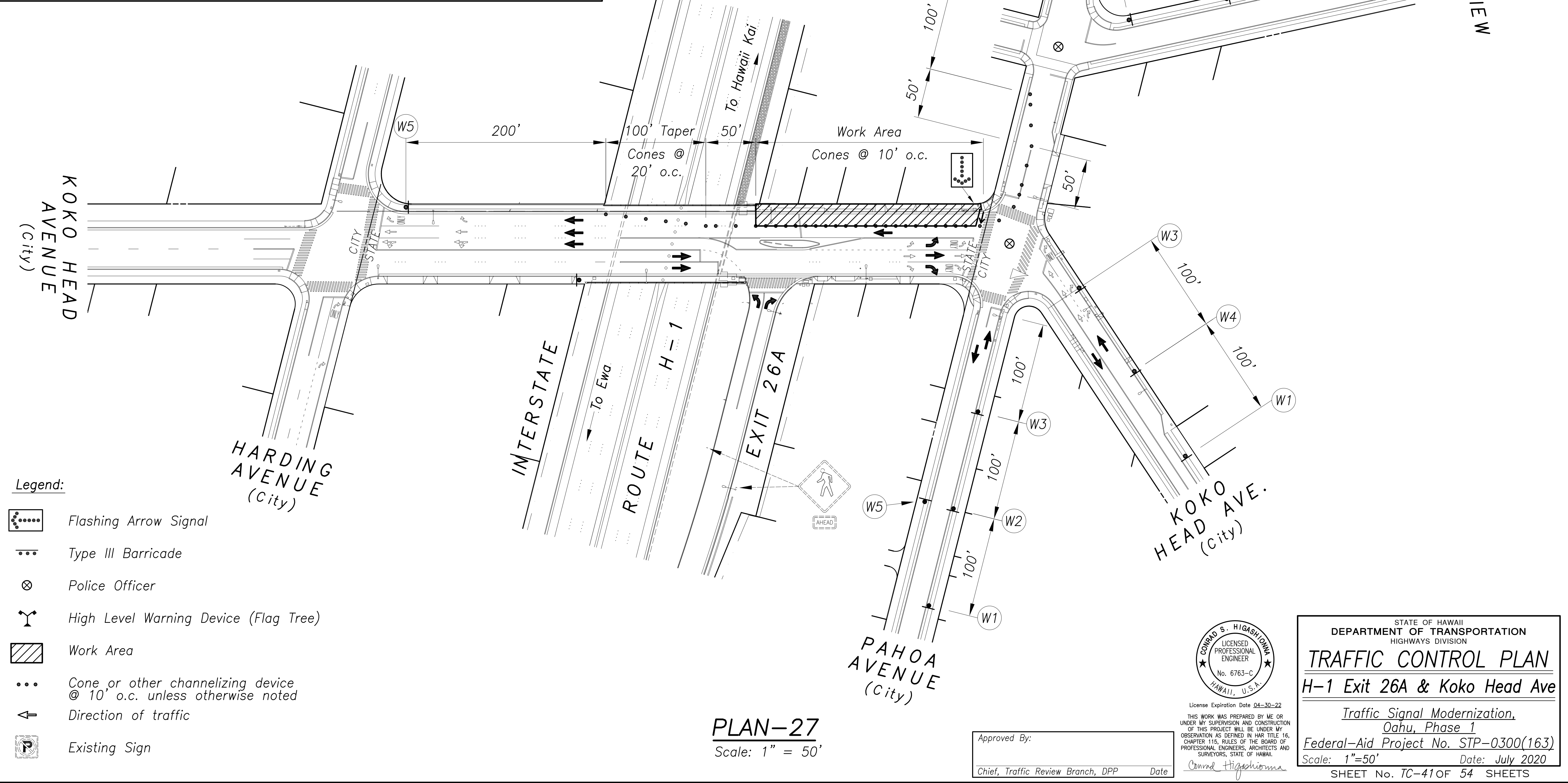

CW13-1(25)-A
24"x24"

W5


CG20-2A
48"x24"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	271	284

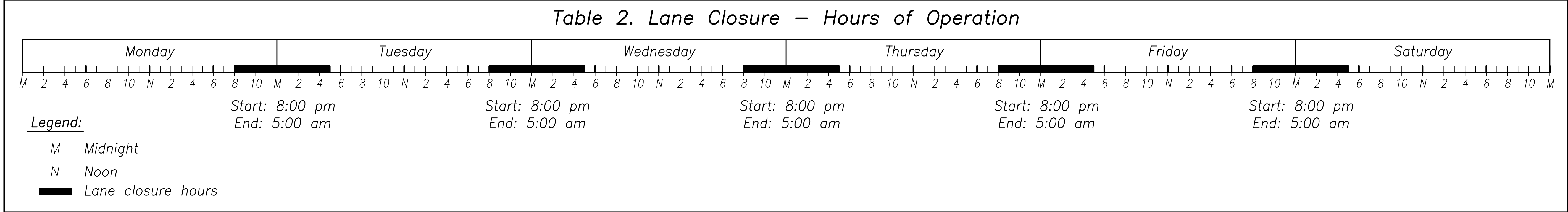
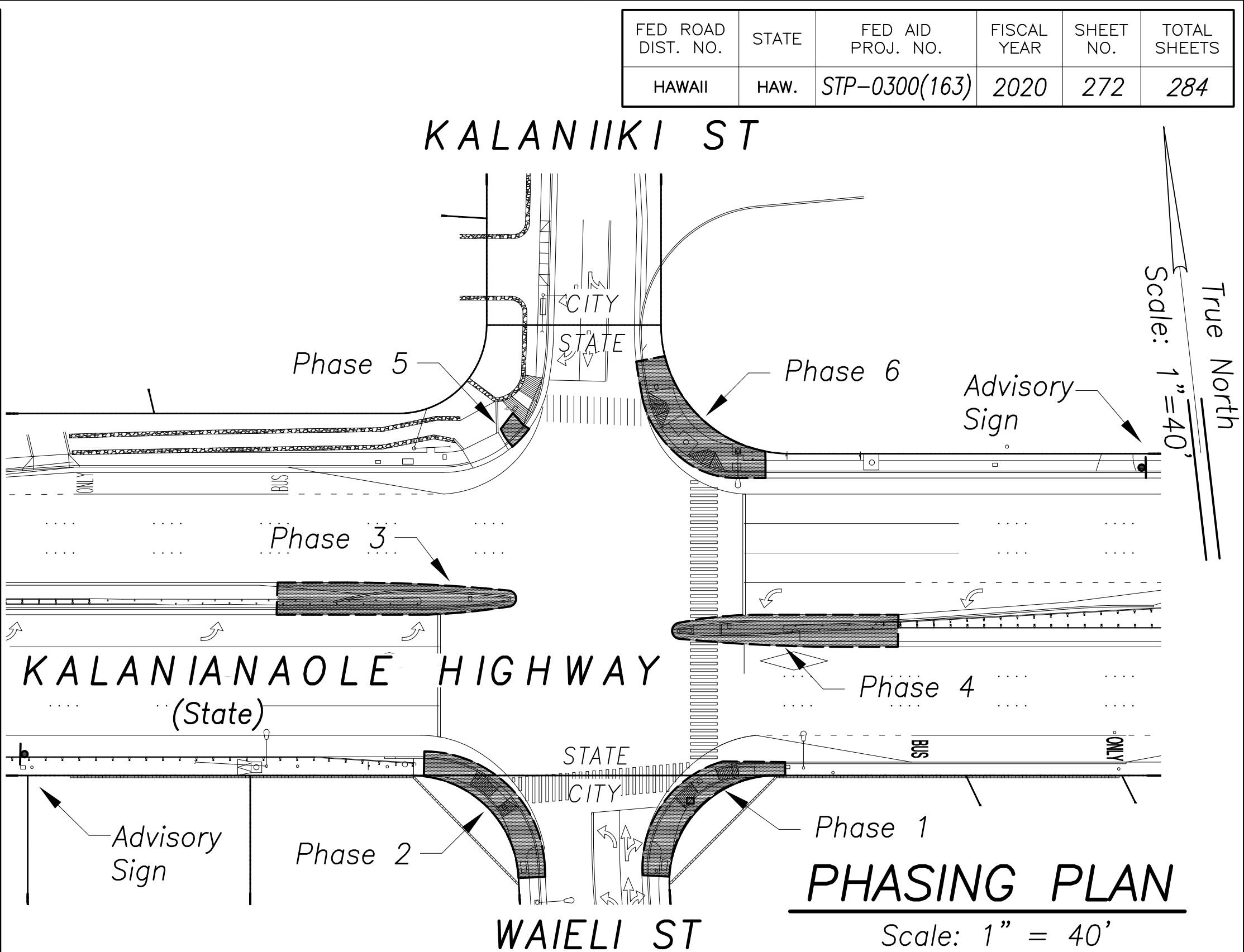
True North
Scale: 1"=50'



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

Aug 28, 2020 - 8:45am
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations PAVE\FINAL\271.TCP H 27.dwg

DESCRIPTION OF WORK IN TRAFFIC CONTROL PLAN WORK AREAS						
Phase	Work Description	Days of the Week	Lane Closure Hours	Approximate Working Days Duration	Traffic Control Plan/ Detour	Sheet #
1	Install temporary erosion and sediment control measures. Demolish concrete walkway, curb ramps, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, curb ramps, and sidewalk.	M-F	See Table 2 below	10	28 & 29 28	273 274
2	Demolish sidewalk, curb, and gutter at corner. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	See Table 2 below	10	28 & 29 29	273 275
3	Demolish curb and remove existing impact attenuator along median. Construct traffic signal equipment, curb, and new impact attenuator.	M-F	See Table 2 below	15	30 & Detour D	276 & 277 & 280 & 281
4	Demolish curb and remove existing impact attenuator along median. Construct traffic signal equipment, curb, and new impact attenuator.	M-F	See Table 2 below	15	31 & Detour D	278 & 279 & 280 & 281
5	Demolish concrete sidewalk, curb, and gutter. Construct traffic signal equipment, curb, gutter, curb ramp, and sidewalk.	M-F	See Table 2 below	10	32 32 & 33	282 284
6	Demolish concrete sidewalk, curb, and gutter. Construct traffic signal equipment, curb, gutter, and sidewalk.	M-F	See Table 2 below	10	33 32 & 33	283 284



CONSTRUCTION PHASING NOTES:

1. The Contractor shall install two (2) advisory signs (as specified in Subsection 645.03(G) Advisory Signs) at the locations shown the Phasing Plan on this sheet. The Contractor shall make advisory signs as needed to facilitate construction. The final location of all advisory signs shall be designated by the Engineer. The advisory signs shall include a phone number, starting date and hours of construction in sign message. This work shall be incidental to traffic control lump sum and will not be paid for separately.

2. The Contractor shall provide three (3) mobile variable message boards for the duration of the project starting one week prior to start of construction to inform the public of lane closures. The location of all message boards shall be designated by the Engineer. Message boards shall be incidental to traffic control lump sum and will not be paid for separately.

3. Highway drainage shall be maintained at all times during construction. This work shall be incidental to the contract items.

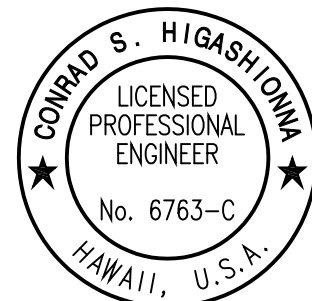
4. During construction, the Contractor shall escort pedestrians through construction work area with police men or with other personnel approved by the Engineer.
5. During NON-construction periods, the Contractor shall render the work area safe for pedestrians and provide ADA accessible routes through the work area. This work shall be incidental to the contract items.

6. The Contractor shall provide suitable impact attenuators prior to removing existing impact attenuators in the medians for Phases 3 and 4. The Contractor shall provide temporary striping and signing as needed. The Contractor shall submit a plan for approval prior to construction. This work shall be incidental to the contract items.

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

Aug 28, 2020-14:00m
N:\GAG\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\272.TCP K Phasing.dwg

Approved By: _____
Chief, Traffic Review Branch, DPP
(For Work Within City ROW Only) _____ Date _____



License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

CONSTRUCTION PHASING

H-1 Exit 26A & Koko Head Ave

Traffic Signal Modernization,
Oahu, Phase 1

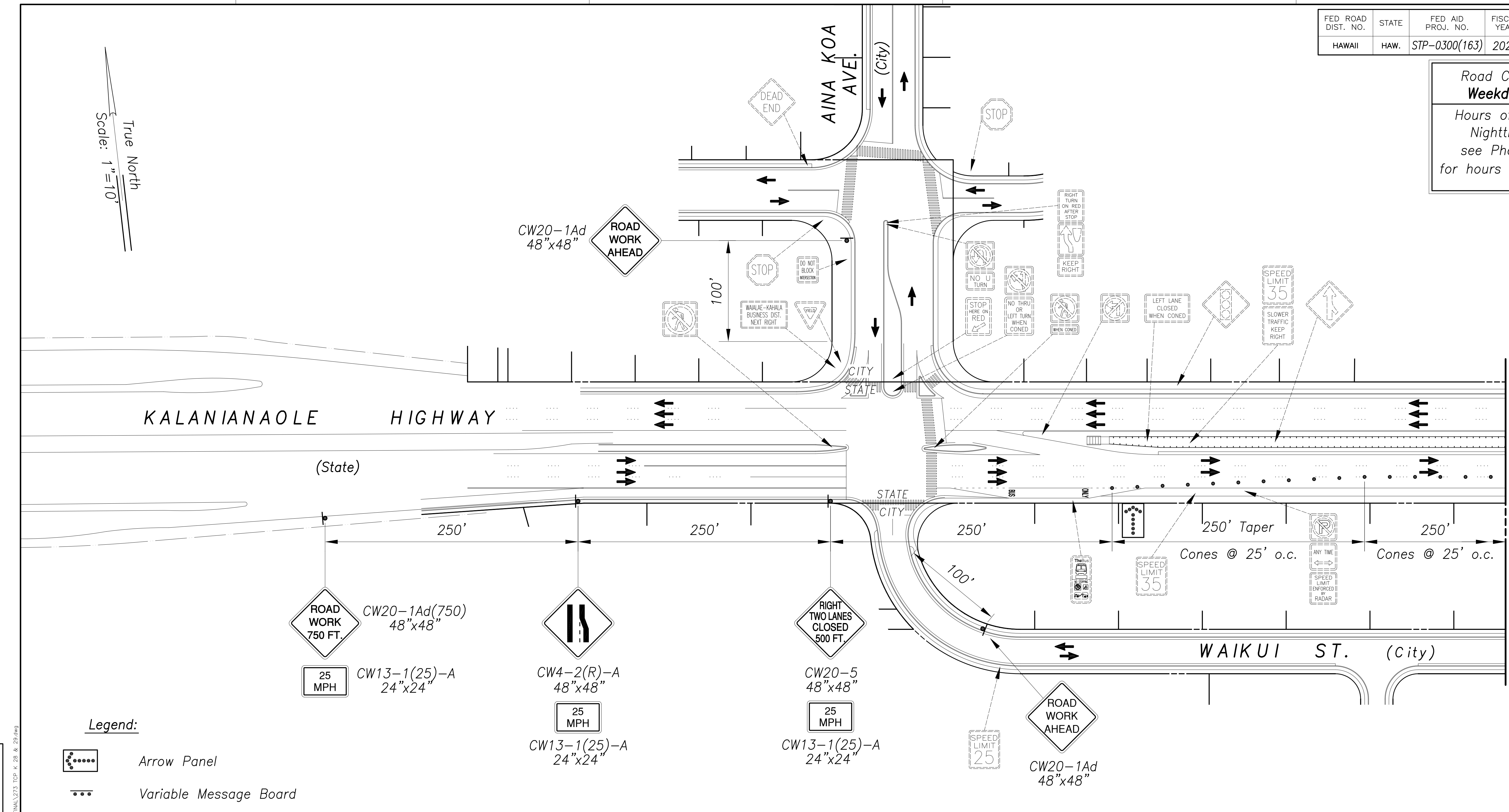
Federal-Aid Project No. STP-0300(163)

Scale: 1"=40' Date: July 2020

SHEET No. TC-42 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	273	284

Road Closure for
Weekdays Only
Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations



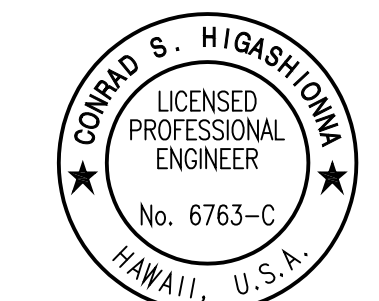
- Legend:**
- Arrow Panel
 - Variable Message Board
 - Police Officer
 - High Level Warning Device (Flag Tree)
 - Work Area
 - Cone or other channelizing device @ 10' o.c. unless otherwise noted
 - Direction of traffic
 - Existing Sign

PLAN-28 & 29
Scale: 1" = 50'

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

Aug 28, 2020-14:00m
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\273 TCF K 28 & 29.dwg

Approved By: _____
Chief, Traffic Review Branch, DPP Date



License Expiration Date 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAWAII TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kalanianaʻole Hwy & Kalaniiki St

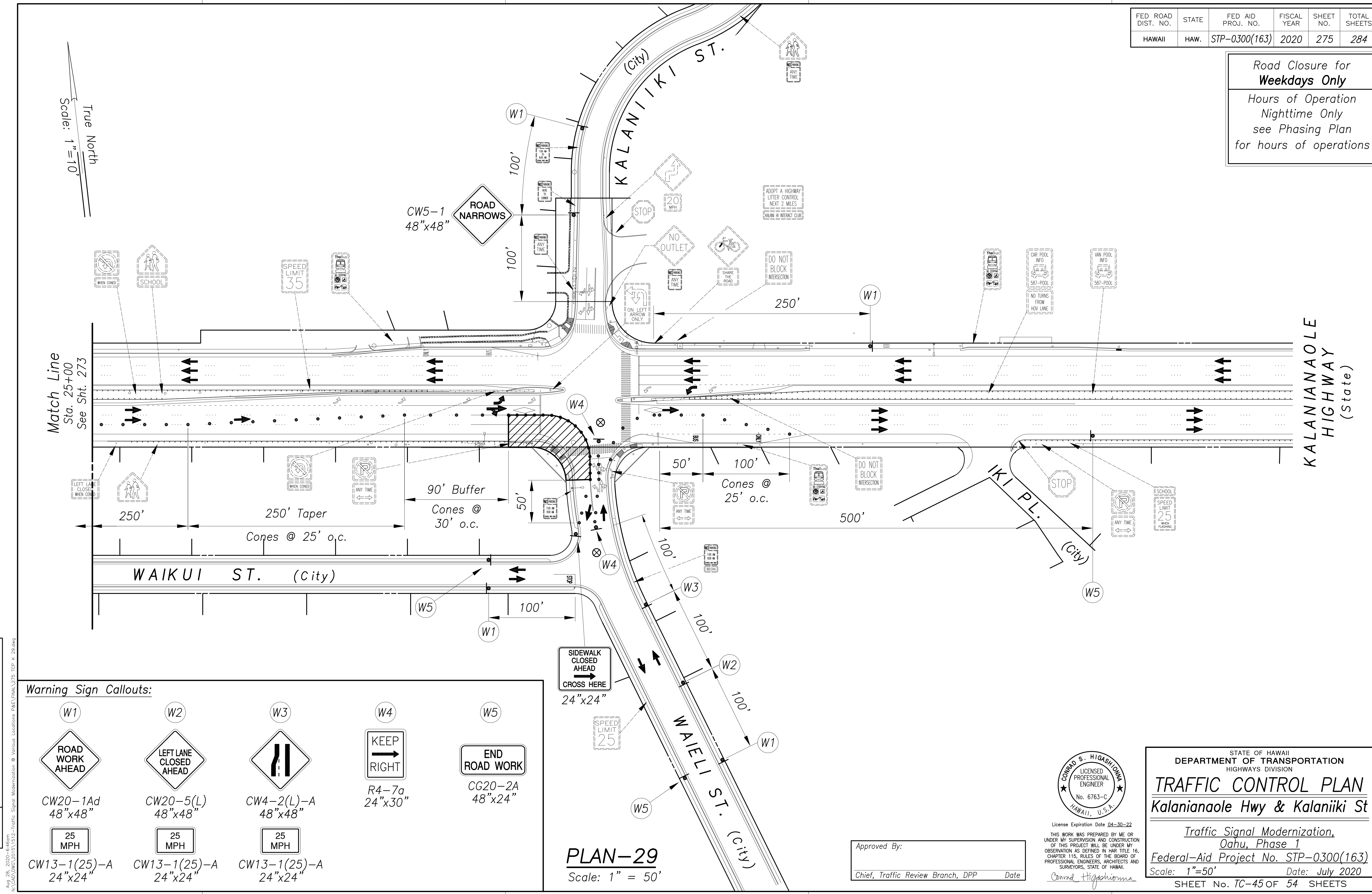
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020

SHEET No. TC-43 OF 54 SHEETS

Match Line
Sta. 25+00
For Plan-28 continuation,
see Sheet 274.
For Plan-29 continuation,
see Sheet 275.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	275	284

Road Closure for
Weekdays Only
Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations



Warning Sign Callouts:

CW20-1Ad
48"x48"

CW20-5(L)
48"x48"

CW4-2(L)-A
48"x48"

R4-7a
24"x30"

CG20-2A
48"x24"

CW13-1(25)-A
24"x24"

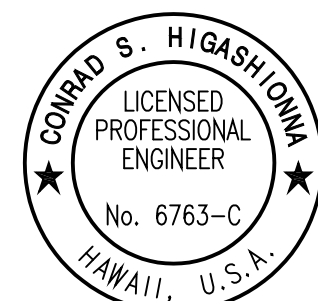
CW13-1(25)-A
24"x24"

CW13-1(25)-A
24"x24"

PLAN-29

Scale: 1" = 50'

Approved By:
Chief, Traffic Review Branch, DPP
Date

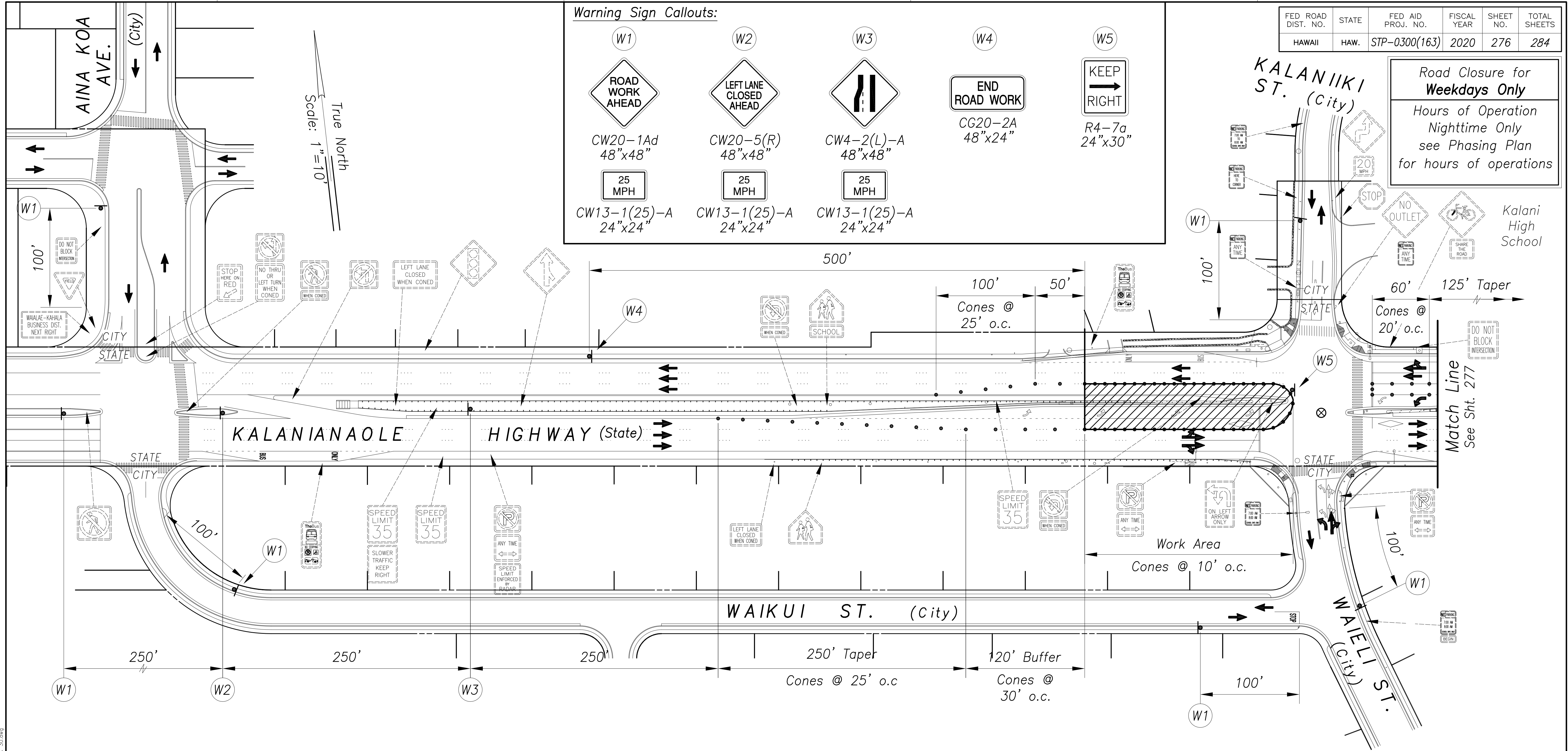


License Expiration Date: 04-30-22
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN HAW. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.
Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kalanianaʻole Hwy & Kalaniiki St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-45 OF 54 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	276	284

Road Closure for
Weekdays Only
Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations

Kalani High School

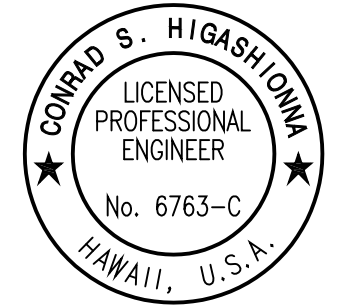
Match Line
See Sht. 277

Legend:

- Arrow Panel
- Variable Message Board
- Police Officer
- High Level Warning Device (Flag Tree)
- Work Area
- Cone or other channelizing device @ 10' o.c. unless otherwise noted
- Direction of traffic
- Existing Sign

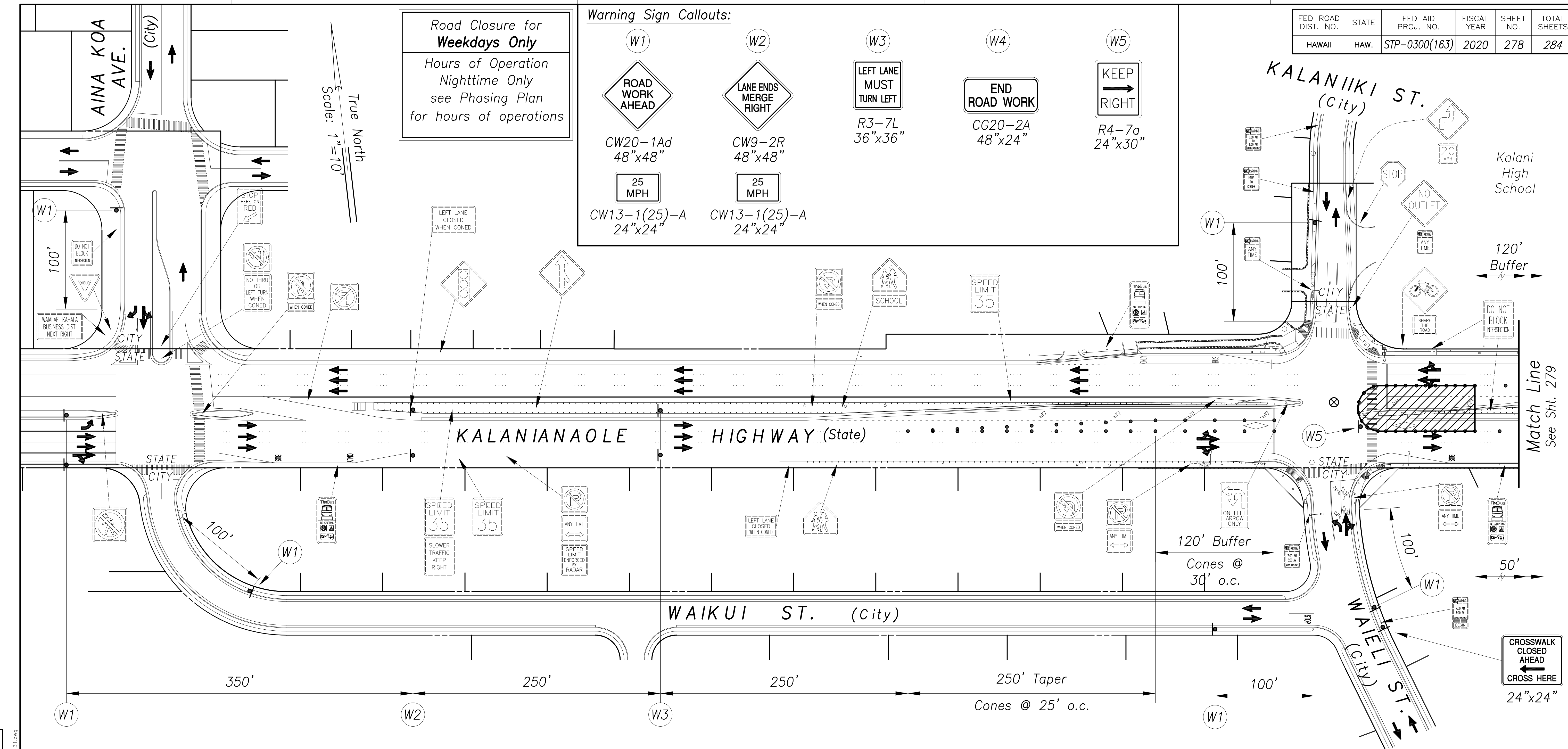
PLAN-30
Scale: 1" = 50'

Approved By: _____
Chief, Traffic Review Branch, DPP Date



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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TRAFFIC CONTROL PLAN
Kalanianaʻole Hwy & Kalaniiki St
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-46 OF 54 SHEETS



Legend:

	Arrow Panel		Work Area
	Variable Message Board		Cone or other channelizing device @ 10' o.c. unless otherwise noted
	Police Officer		Direction of traffic
	High Level Warning Device (Flag Tree)		Existing Sign

PLAN-31
Scale: 1" = 50'

Approved By: _____
Chief, Traffic Review Branch, DPP Date

License Expiration Date: 04-30-22
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Conrad Higashimura

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

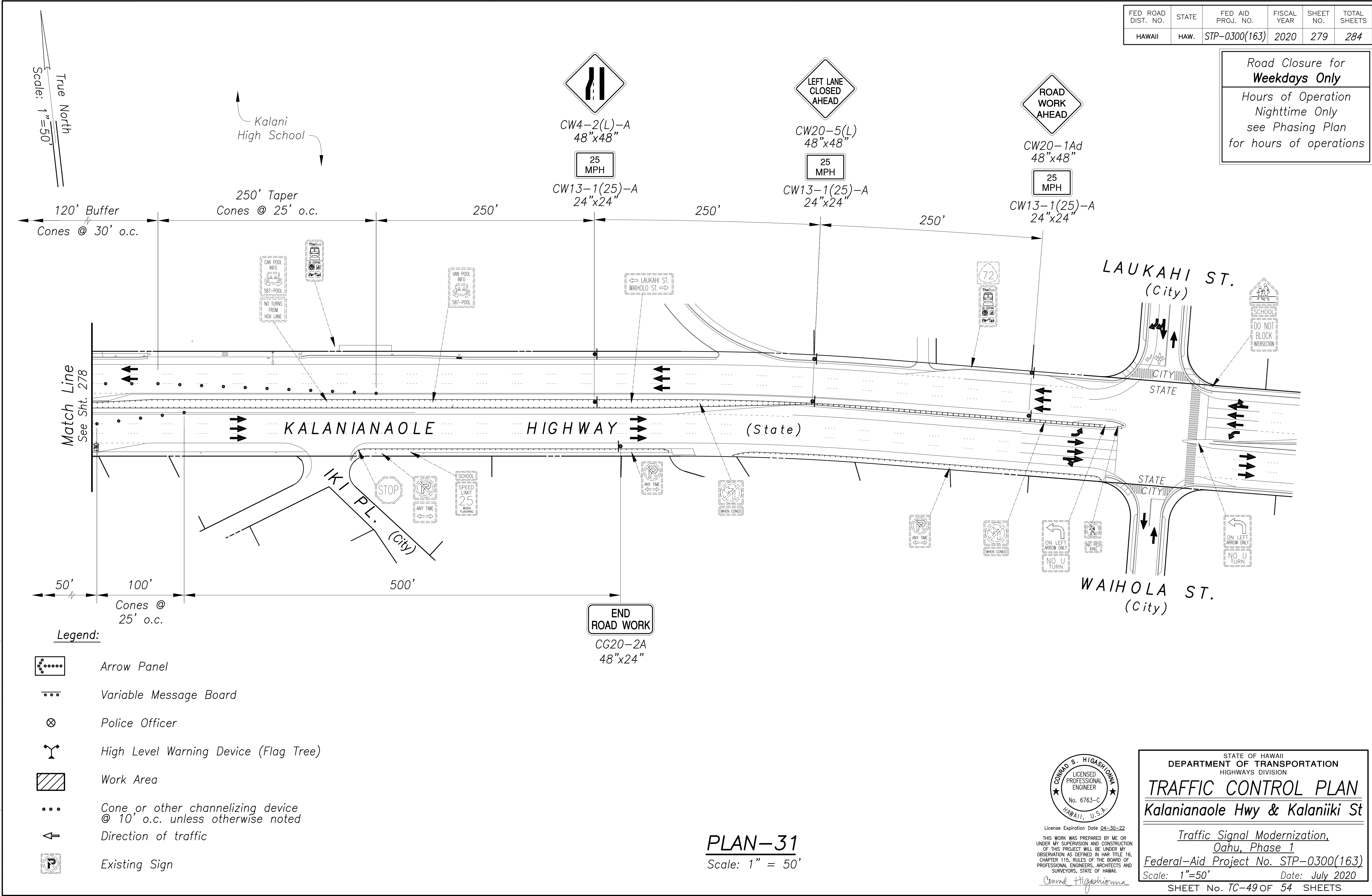
TRAFFIC CONTROL PLAN
Kalanianaʻole Hwy & Kalaniiki St

*Traffic Signal Modernization,
Oahu, Phase 1*
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-48 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	279	284

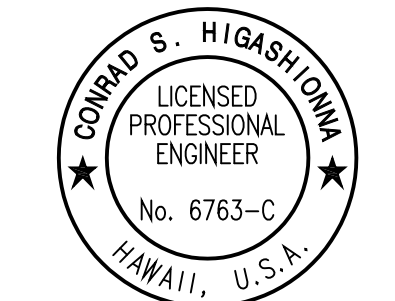
Road Closure for
Weekdays Only

Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations



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

Aug 28, 2020-14:00m
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\279 TCF K 31.dwg



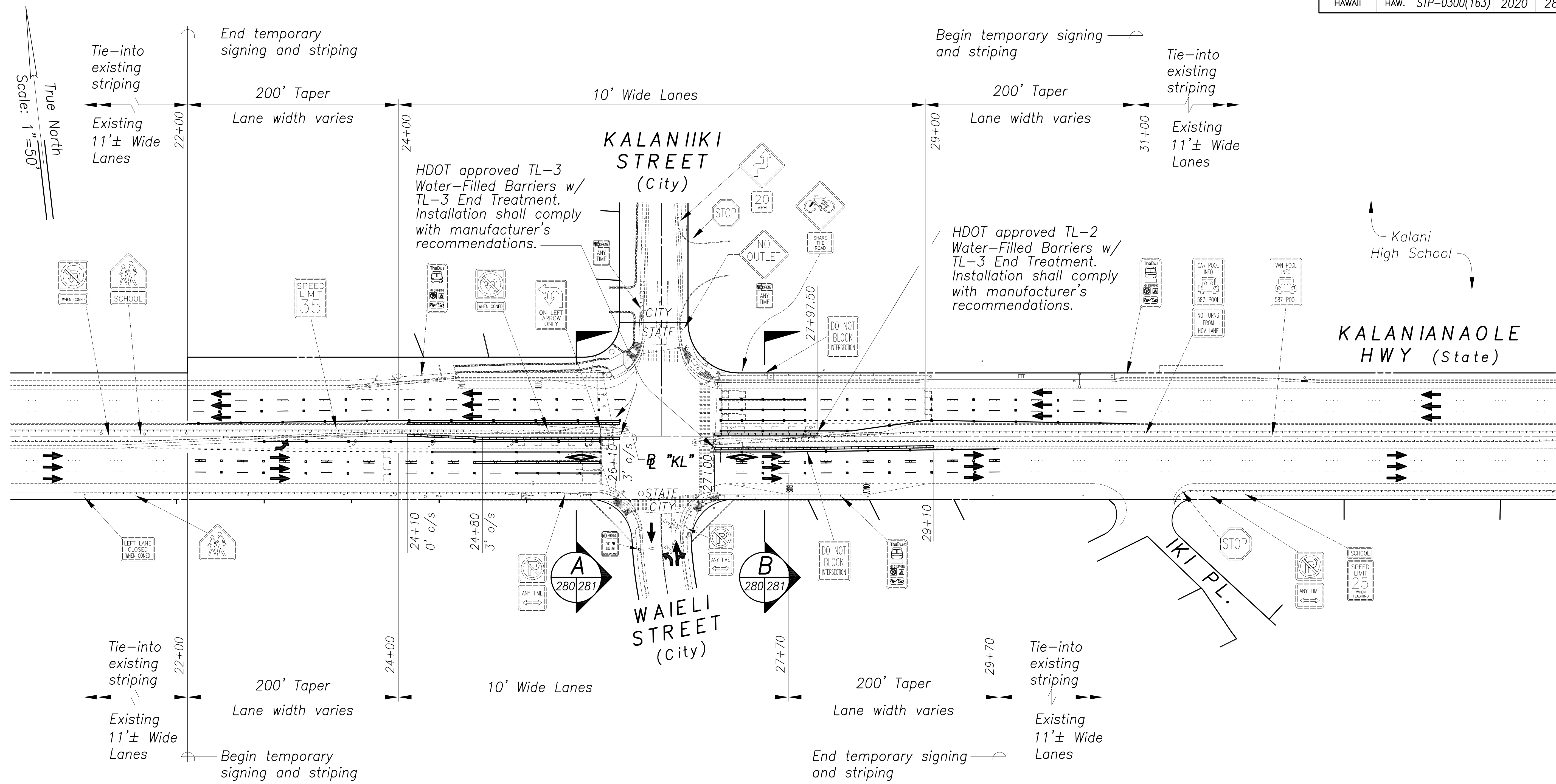
License Expiration Date 04-30-22
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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kalanianaʻole Hwy & Kalaniiki St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-49 OF 54 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	280	284



Note:

1. The Contractor shall install temporary approach only microwave detectors for exclusive left turn lanes along Kalanianaʻole Highway.
2. The Contractor shall install temporary pavement markings for detour lanes. This work shall be paid for under Temporary Construction Zone Markings.

DETOUR PLAN-D
Scale: 1" = 50'

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

Aug 28, 2020-8:43am
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\280 TCF K Detour D.dwg



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Conrad Higashimura

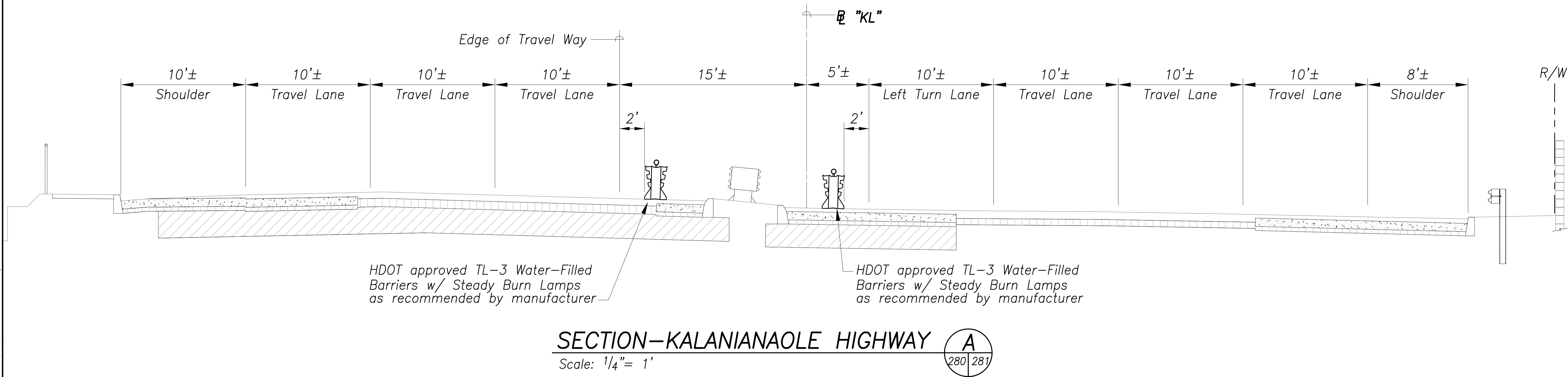
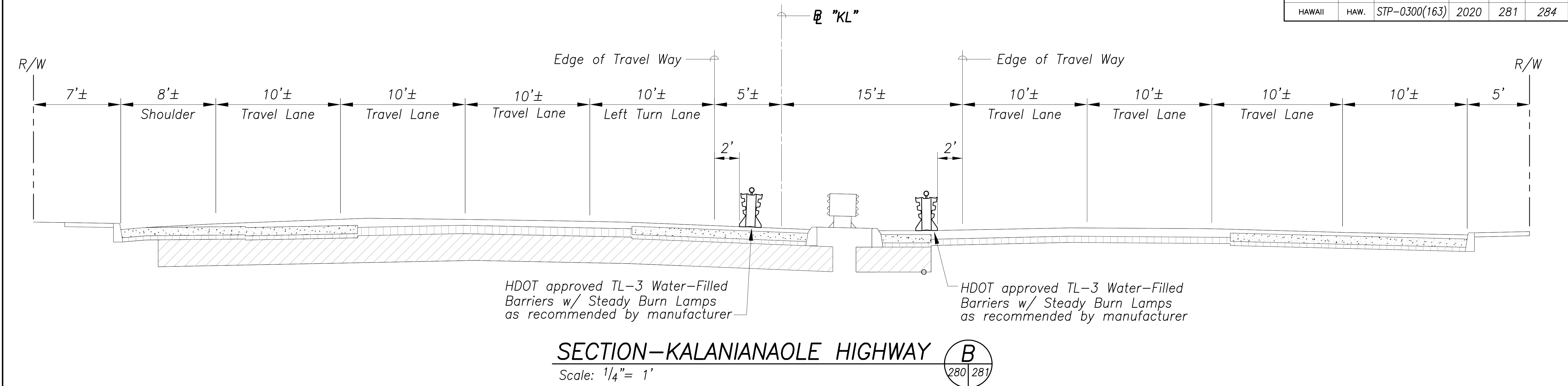
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR PLAN
Kalanianaʻole Hwy & Kalaniiki St

Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020

SHEET No. TC-50 OF 54 SHEETS

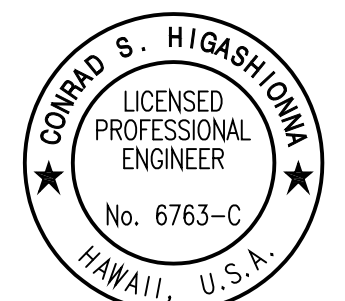
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	281	284



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

ORIGINAL PLAN	No.
NOTE BOOK	

Aug 28, 2020-8:43am
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETOUR PLAN
Kalaniana'ole Hwy & Kalaniki St


Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)

Scale: Date: July 2020


SHEET No. TC-51 OF 54 SHEETS

Warning Sign Callouts:

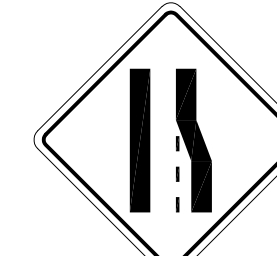
W1


CW20-1Ad
48"x48"

W2


CW20-5
48"x48"

W3


CW4-2(R)-A
48"x48"

25 MPH

CW13-1(25)-A
24"x24"

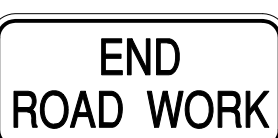
25 MPH

CW13-1(25)-A
24"x24"


25 MPH

CW13-1(25)-A
24"x24"


W4


CG20-2A
48"x24"

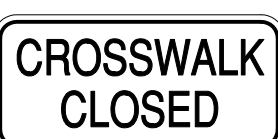
W5


CW20-4
48"x48"


W6


CW20-7
48"x48"

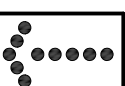
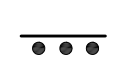




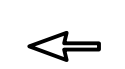

W7


R9-3C
48"x24"

W8


R9-9
48"x24"

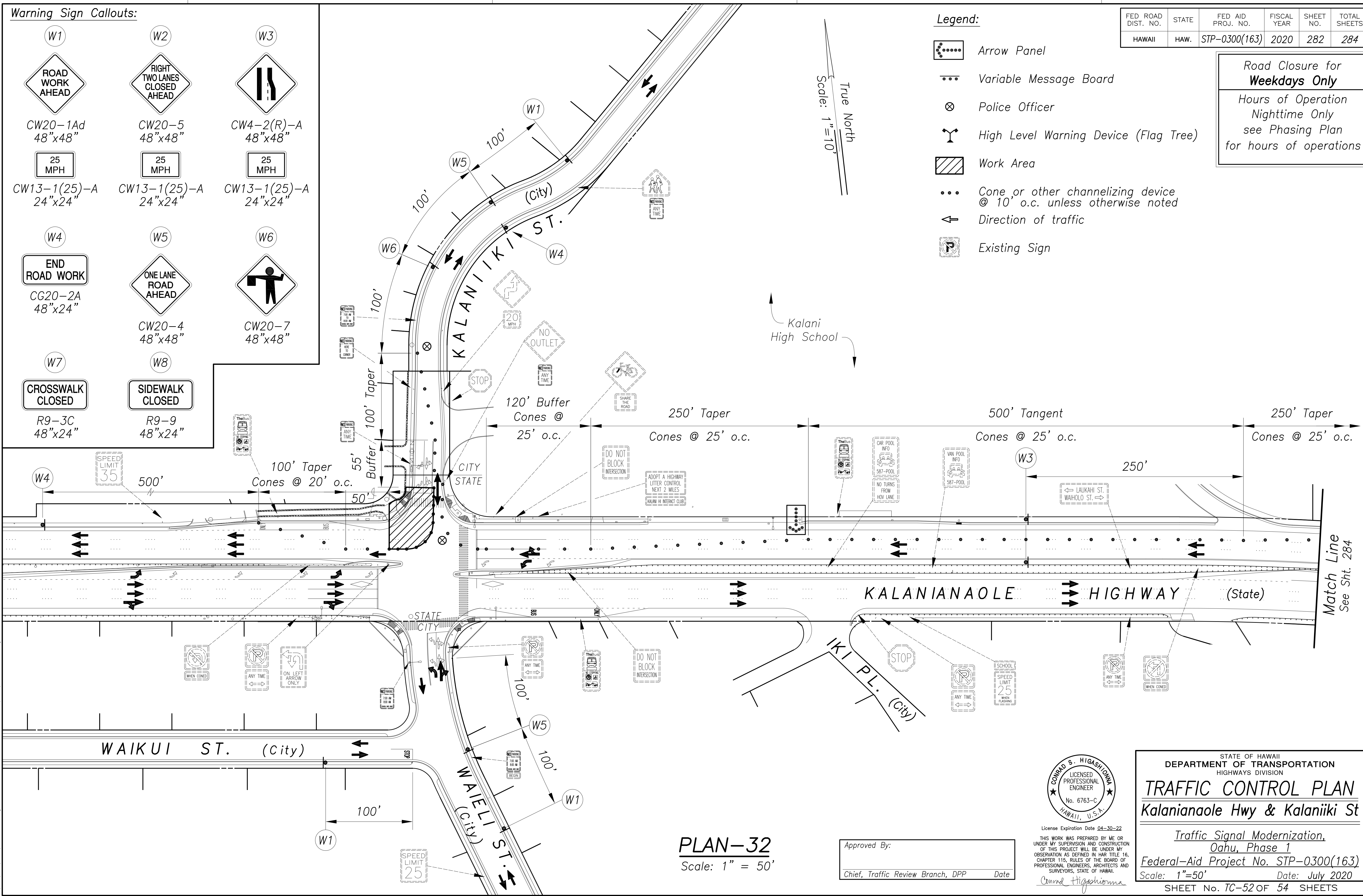
Legend:

-  Arrow Panel
-  Variable Message Board
-  Police Officer
-  High Level Warning Device (Flag Tree)
-  Work Area
-  Cone or other channelizing device
@ 10' o.c. unless otherwise noted
-  Direction of traffic
-  Existing Sign

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	282	284

Road Closure for
Weekdays Only

Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations

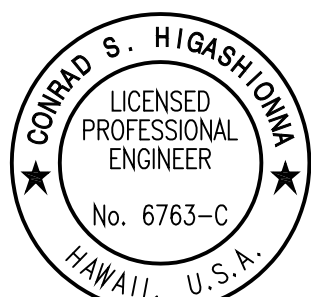


SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

Aug 28, 2020-14:20m
N:\CAO\DWG\2015\1512-Traffic Signal Modernization @ Various Locations P&E\FINAL\282 TCF K 32.dwg

PLAN-32
Scale: 1" = 50'

Approved By: _____
Chief, Traffic Review Branch, DPP Date



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Conrad Higashimura

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN
Kalanianaʻole Hwy & Kalaniki St

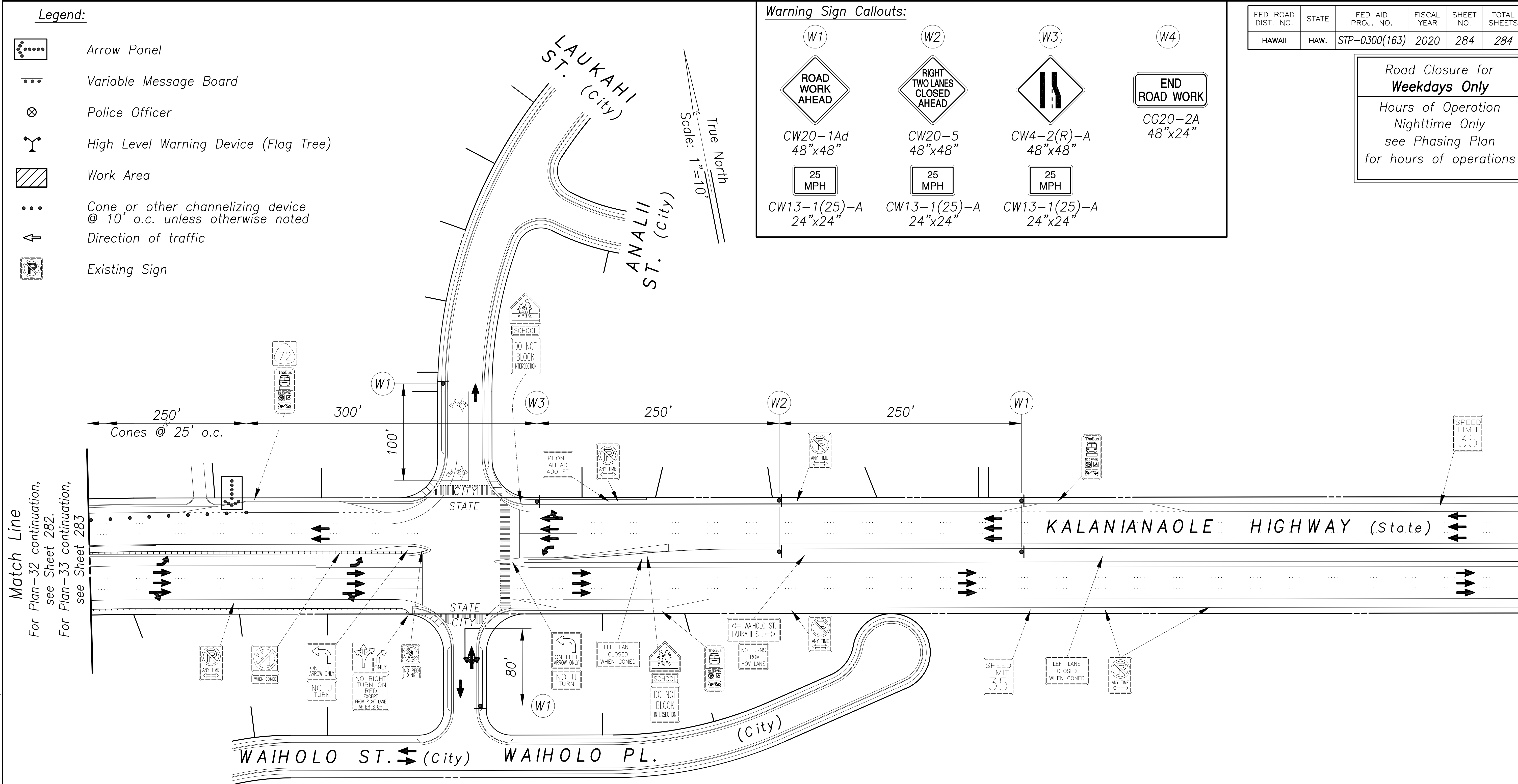
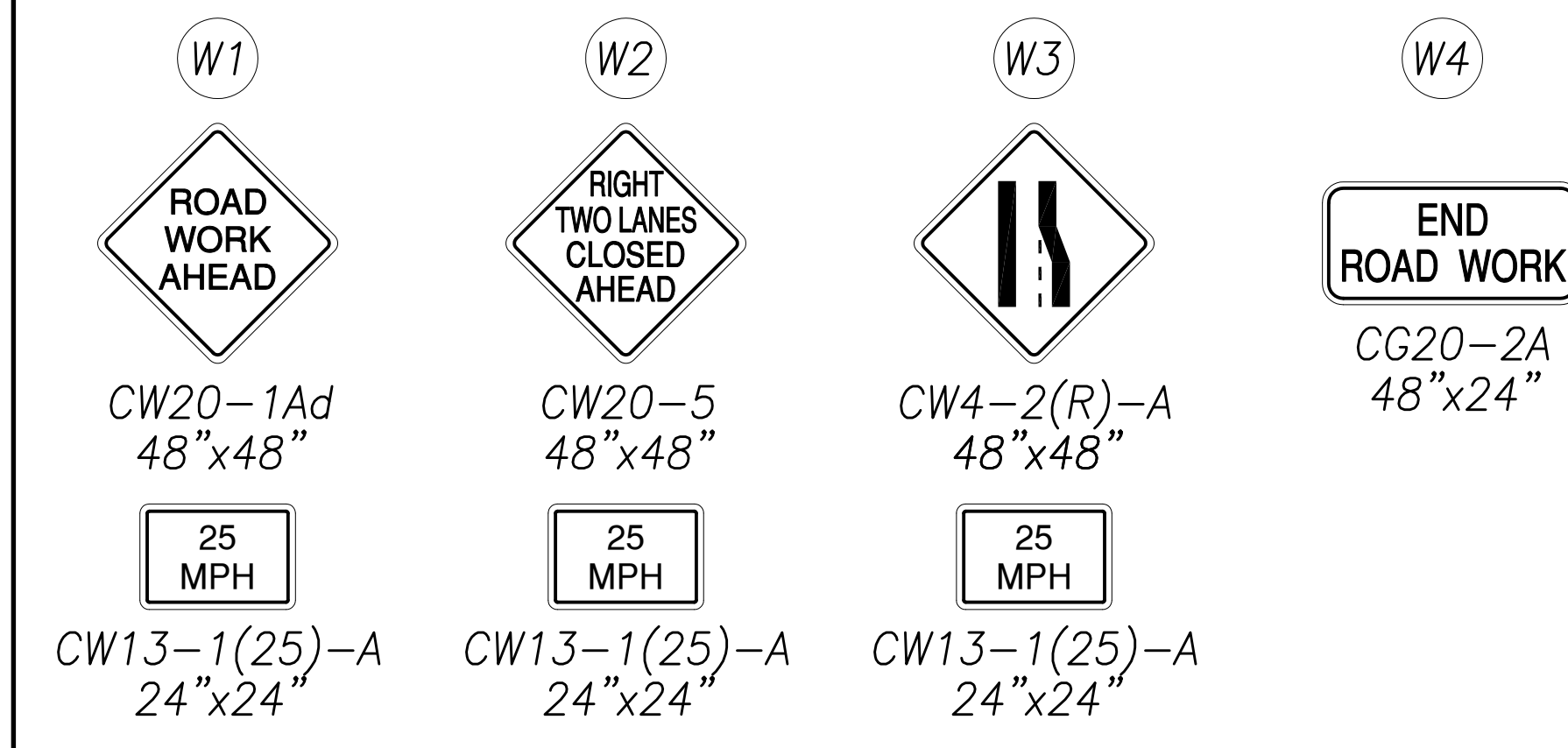
Traffic Signal Modernization,
Oahu, Phase 1
Federal-Aid Project No. STP-0300(163)
Scale: 1"=50' Date: July 2020
SHEET No. TC-52 OF 54 SHEETS

FED ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	STP-0300(163)	2020	284	284

Road Closure for
Weekdays Only

Hours of Operation
Nighttime Only
see Phasing Plan
for hours of operations

Warning Sign Callouts:

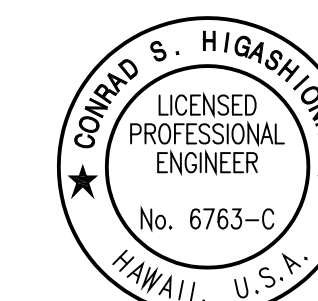


PLAN-32 & 33

Scale: 1" = 50'

Approved By:

Chief, Traffic Review Branch, DPP Date



License Expiration Date 04-30-22

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PROFESSIONAL ENGINEERS, ARCHITECTS AND
SURVEYORS, STATE OF HAWAII.

Conrad Higashionna

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

TRAFFIC CONTROL PLAN

Kalanianaʻole Hwy & Kalaniiki St

Traffic Signal Modernization,
Oahu, Phase 1

Federal-Aid Project No. STP-0300(163)

Scale: 1"=50' Date: July 2020

SHEET No. TC-54 OF 54 SHEETS