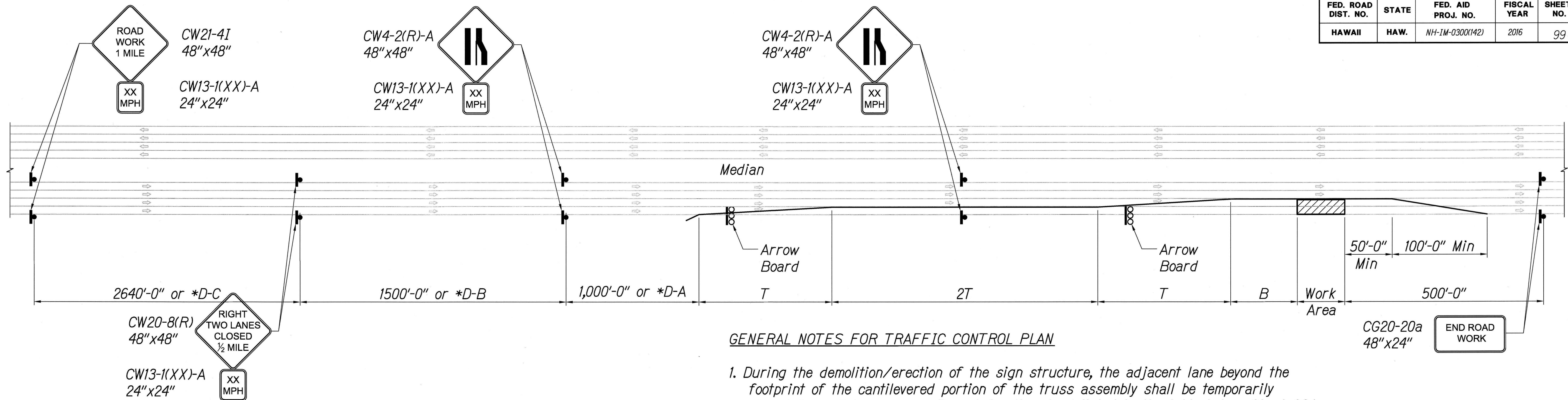


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	99	191



**Notes:**

- For work being performed in the left center lane, use mirror image of above with appropriate left lane closure signs and taper.
- For undivided highways, delete advance warning signs shown posted in median area.
- The advisory speed (XX) shall be determined by the Engineer.
- See TABLE 1 for additional dimensions.
- \*5. For posted speeds of 40 m.ph. or less, use sign spacing and taper lengths from TABLE 1 and change signs CW21-4-A and CW20-8(R) to Cw20-1A(3D) and CW20-8(2DXR) respectively.

Table 645-I For Traffic Control Plan

Posted Speed Limit (M.P.H.)	Sign Spacing (D) (Feet)			Taper Length (T) (Feet)		Longitudinal Buffer Space (B) (Feet)	Spacing of Cones or Delineators (Feet)		
	A	B	C	W=12' or Less*	W=Greater Than 12'		Taper	Tangent	Work Area
20	250	250	250	200	W x 17	115	20	20	10
25	250	250	250	200	W x 17	155	25	25	10
30	350	350	350	250	W x 20	200	30	30	10
35	350	350	350	250	W x 20	250	35	35	10
40	500	500	500	350	W x 30	305	40	40	10
45	500	500	500	550	W x 45	360	45	45	10
50	1000	1500	2640	600	W x 50	425	50	50	10
55	1000	1500	2640	700	W x 55	495	55	55	10
60	1000	1500	2640	700	W x 55	560	55	55	10

W = Width of lane or shoulder

A - From begin of taper to first sign  
B - Between 1st sign and 2nd sign  
C - Between 2nd sign and 3rd sign

**GENERAL NOTES FOR TRAFFIC CONTROL PLAN**

- During the demolition/erection of the sign structure, the adjacent lane beyond the footprint of the cantilevered portion of the truss assembly shall be temporarily closed for safety reasons. Except for the signs listed in the table below, Sheet C0.1 - Typical Two-Lane Closure shall be used for all the other signs during the demolition/installation. For the signs listed in the table below: Phase 1 shall be used during the construction work of foundations, guardrail and other miscellaneous work; Phase 2 shall be used during the demolition/installation of the sign structure, when the adjacent lane needs to be closed.

Destination Sign No.	Traffic Control Drawings		
	Phase 1	Phase 2	Phase 3
H1WB-424	C8.1 and C8.8	C8.9 and C8.17	-
78EBR-822	C11.1 and C11.3	C11.2 and C11.3	-
78WBR-871	C13.1 and C13.2	C13.3 and C13.4	C13.5 - C13.12

- Taffic control plans at non-working hours are provided for sign H1EB-308, H1WB-418, H1WB-424, H1WBR-451, 78EBR-822 and 78WB-851.
- As required by the Department of Transportation, the Contractor shall provide at least four (4) off-duty police officers to control the flow of traffic.
- The temporary signs shown in Sheet C1.1 shall be done in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways", 2003 edition. Type E text shall be used for the lettering. Type B shall be used for the arrows.
- Contractor to make repair/improvements to existing median pavement as required to provide a level, smooth and safe riding surface for all existing traffic. All costs associated with the repairs and improvements shall be incidental to the various contract items.
- The traffic control plans have been approved by the Department of Transportation (DOT). If the Contractor proposes alternate plans, the revised plans shall be submitted to the DOT for review and approval.
- Driveways shall be kept open unless the owners of the properties using these rights-of-way are otherwise provided for satisfactorily.
- For the portable Changeable Message Sign, Contractor shall also provide the day of the week in addition to the date xx/xx/xx when the space of the sign allows.

**Legend:**

- Designates Work Area
- Retro Reflective Cone
- Direction of Traffic
- Arrow Board
- Sign (Shown Facing Left)
- Police Officer
- Type III Barricade
- High Level Warning Device (Flag Tree)



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**TYPICAL TRAFFIC CONTROL NOTES & LEGEND**

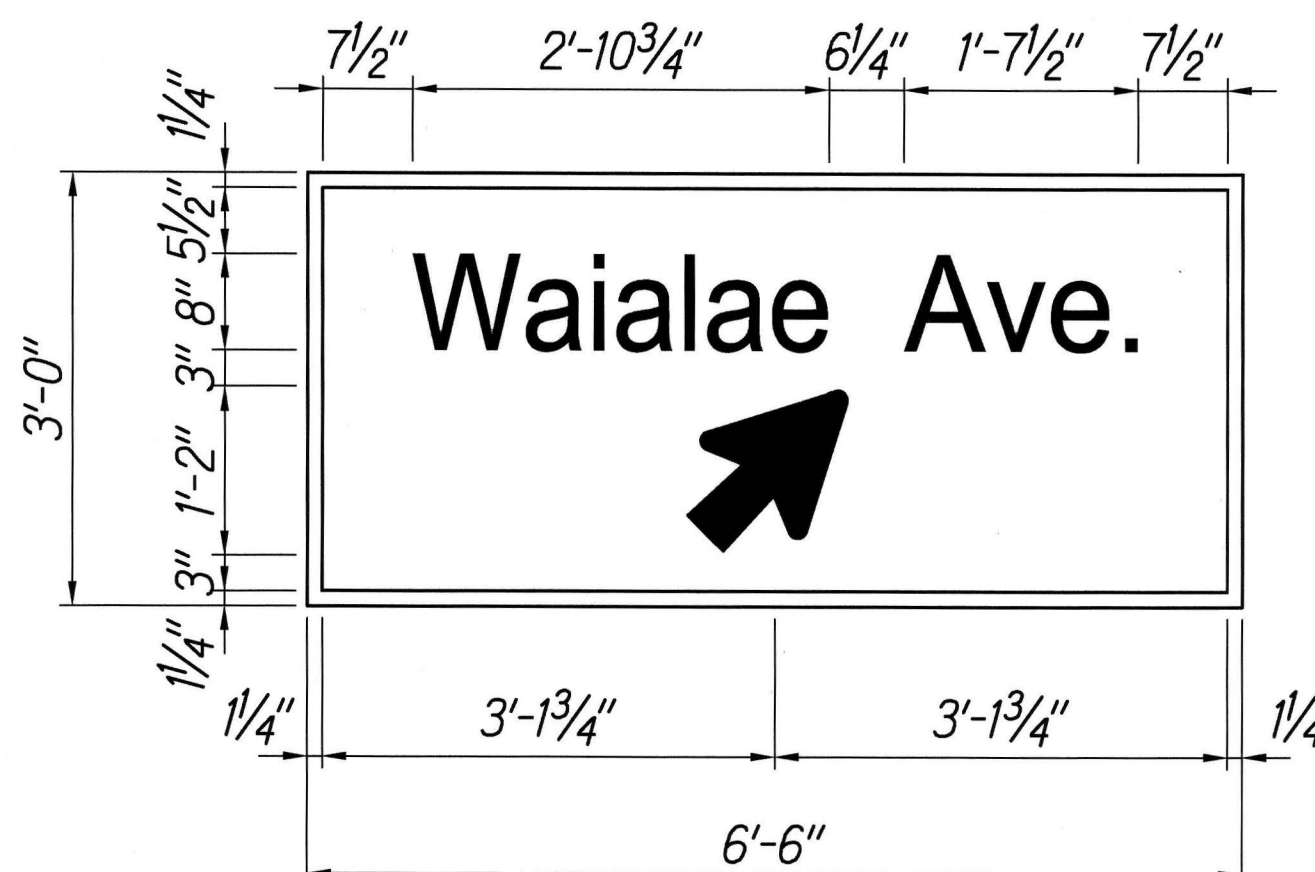
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

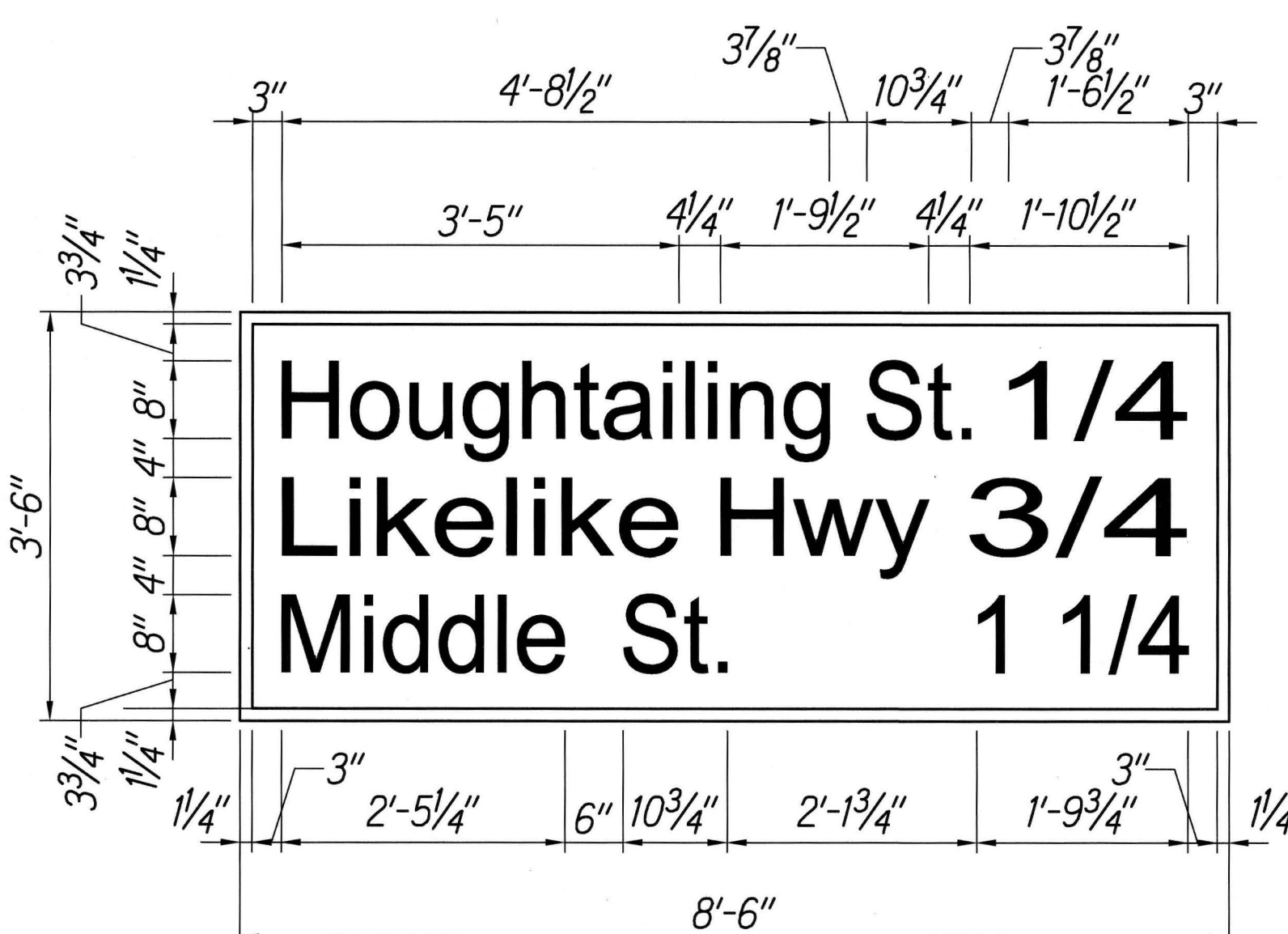
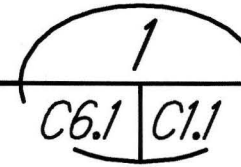
SHEET No. C0.1 OF 191 SHEETS



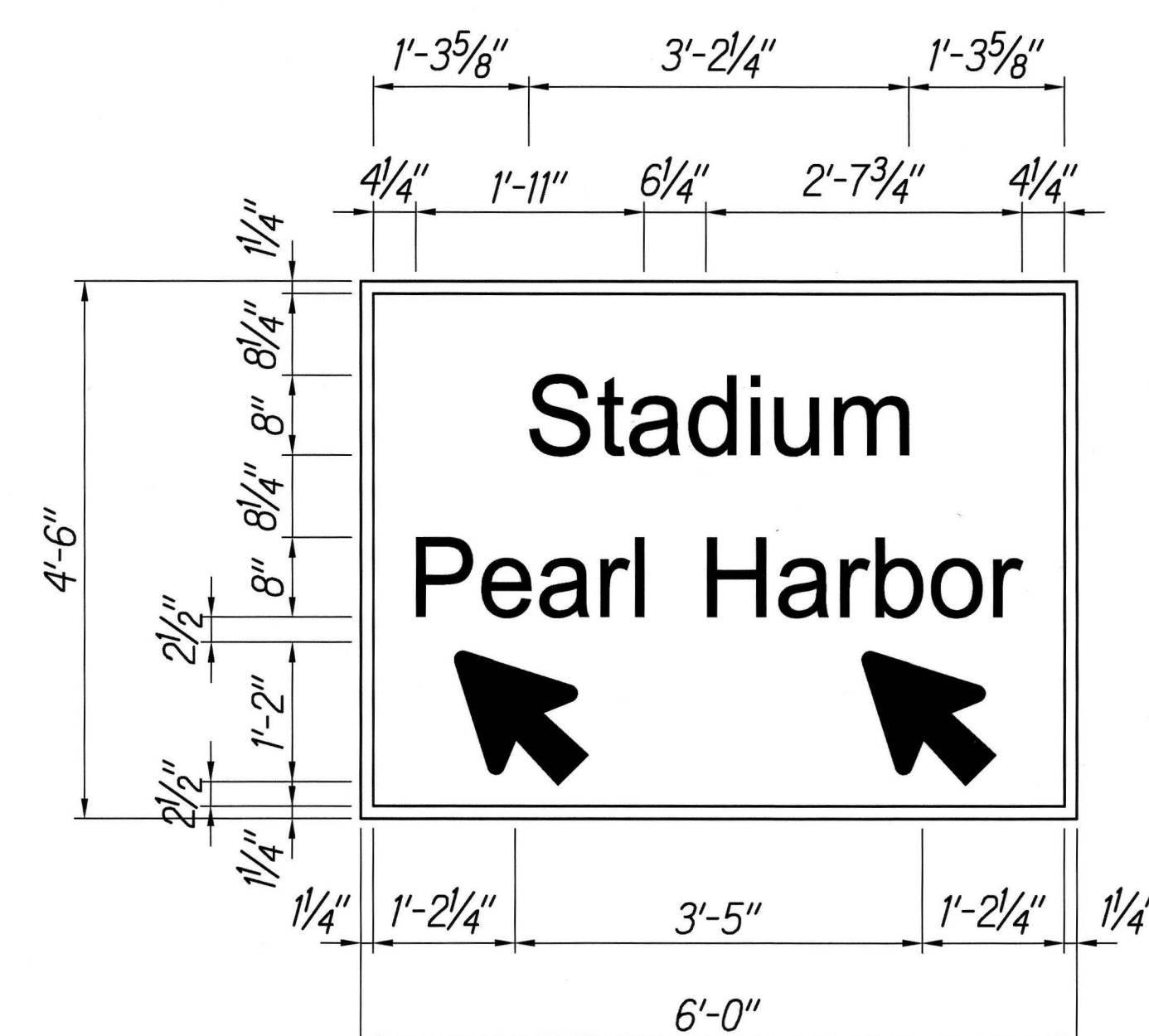
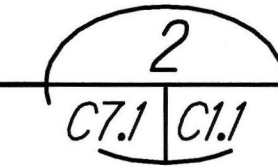
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	100	191



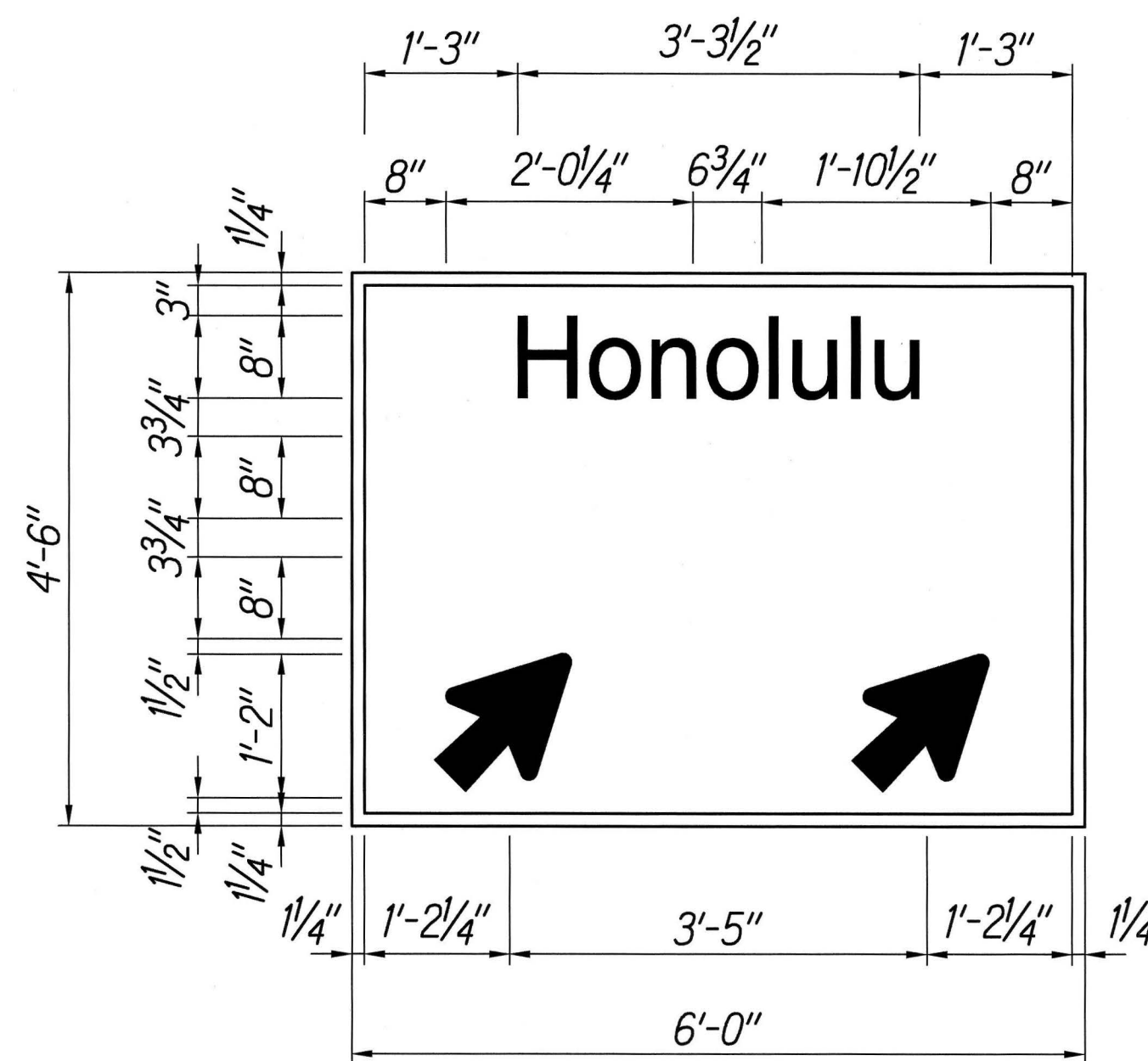
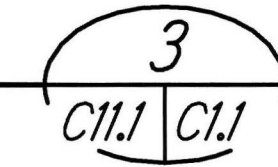
HIWB-402  
Not to Scale



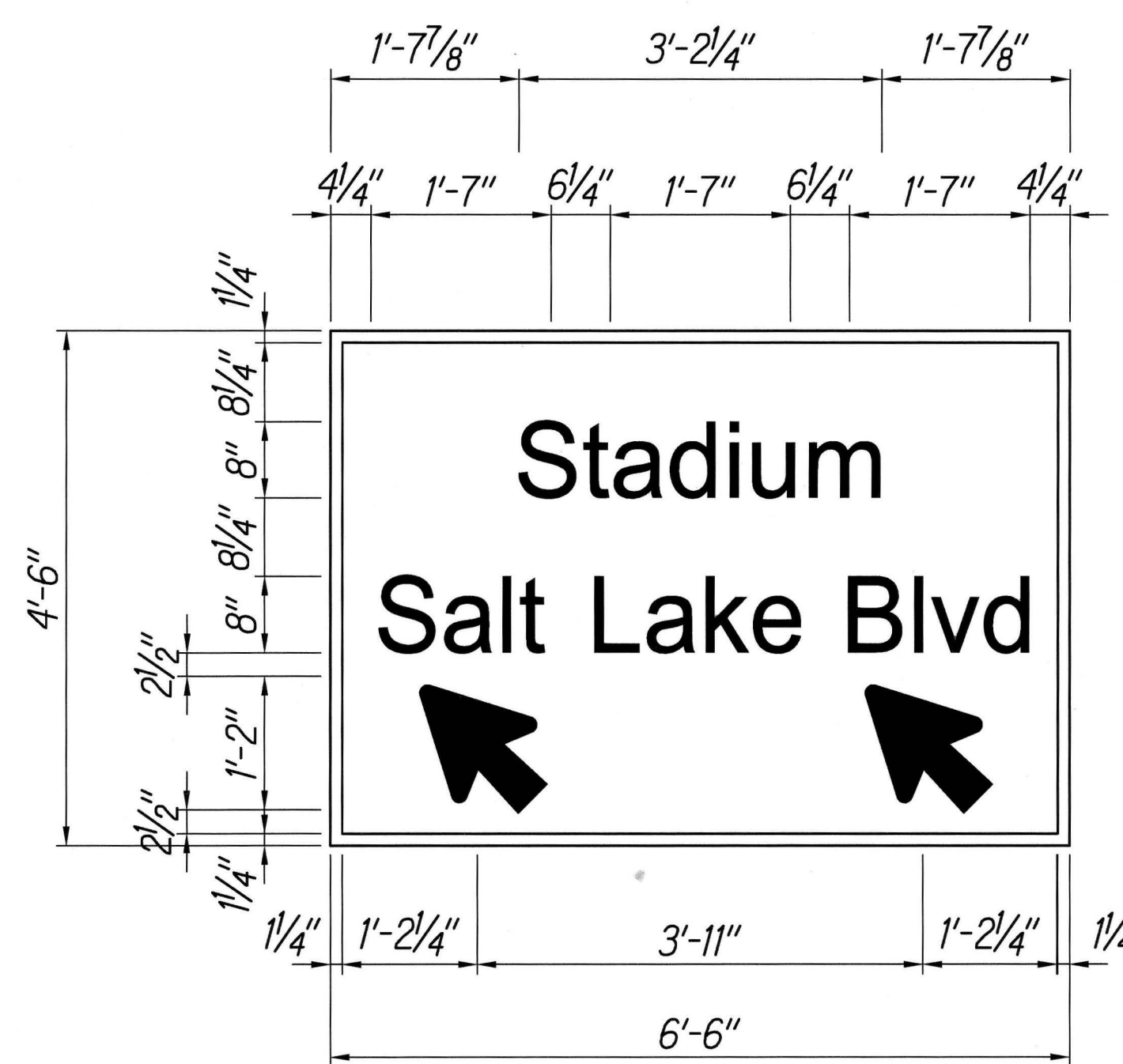
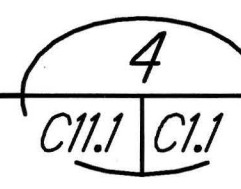
HIWB-418  
Not to Scale



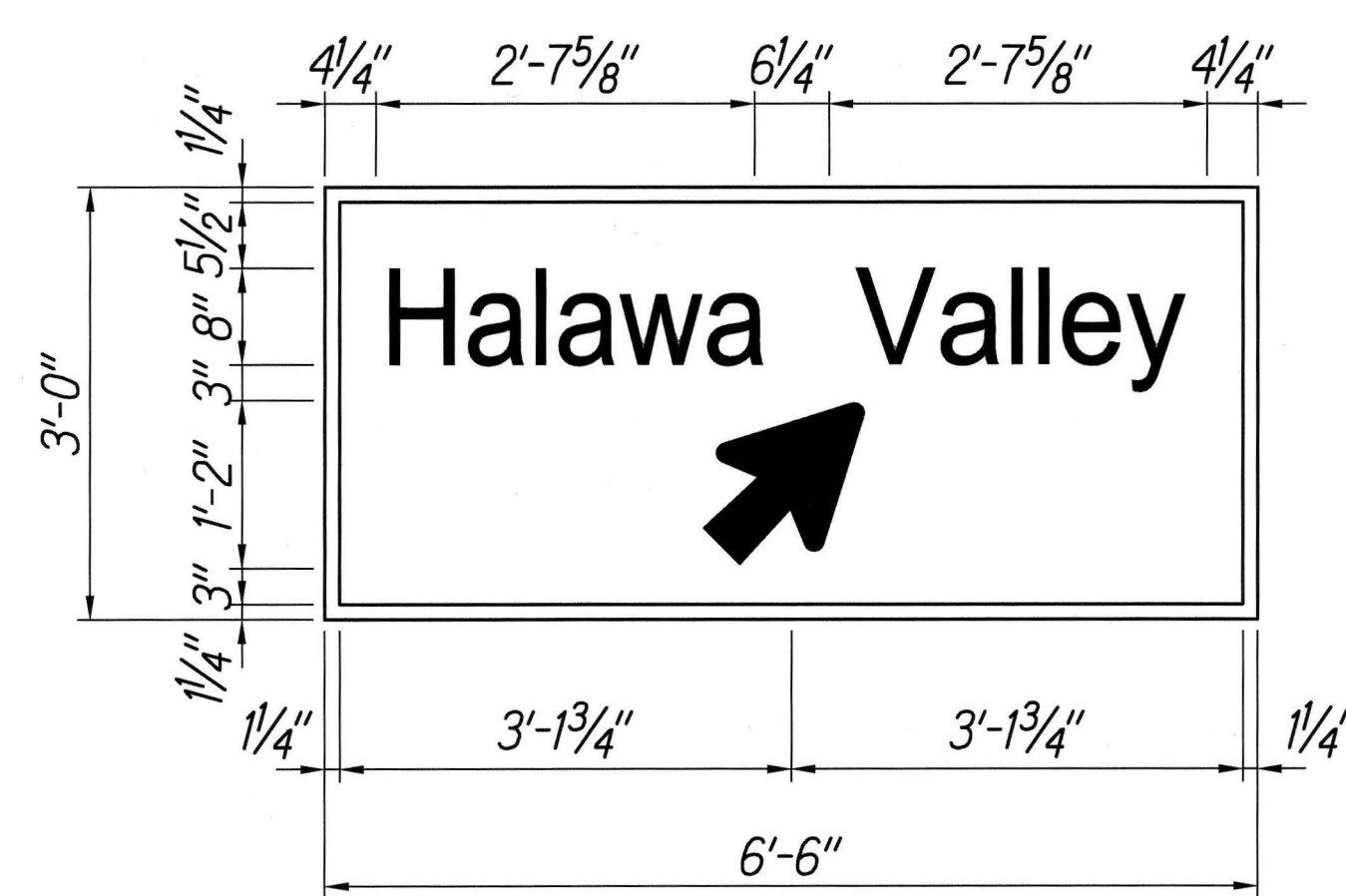
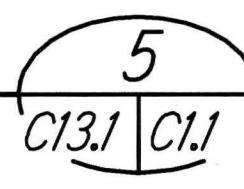
78EBR-822  
Not to Scale



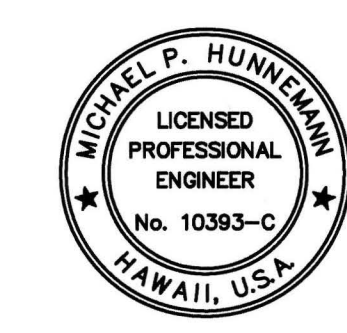
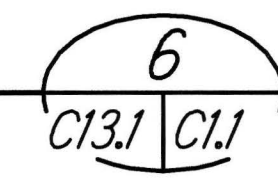
78EBR-822  
Not to Scale



78WBR-871 (Left)  
Not to Scale



78WBR-871 (Right)  
Not to Scale



Michael P. Hummermann  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

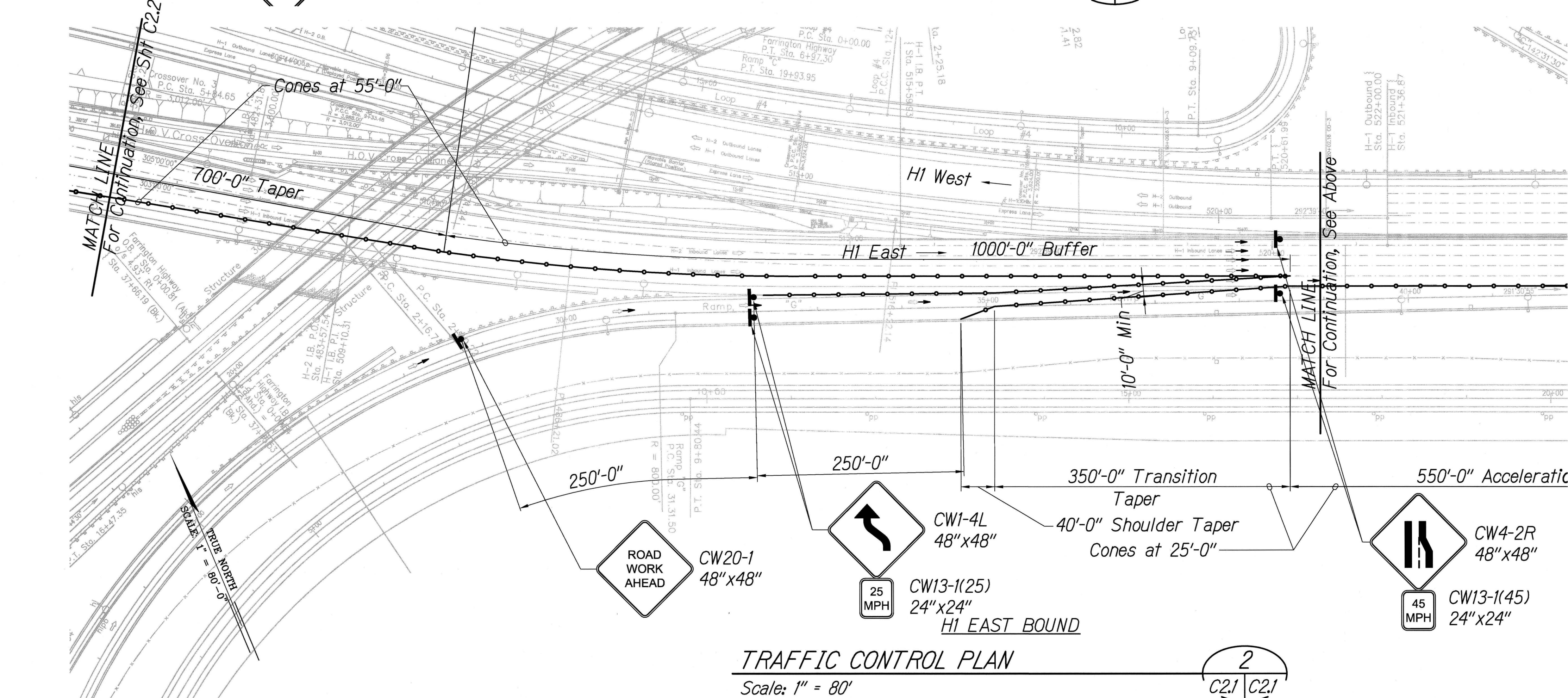
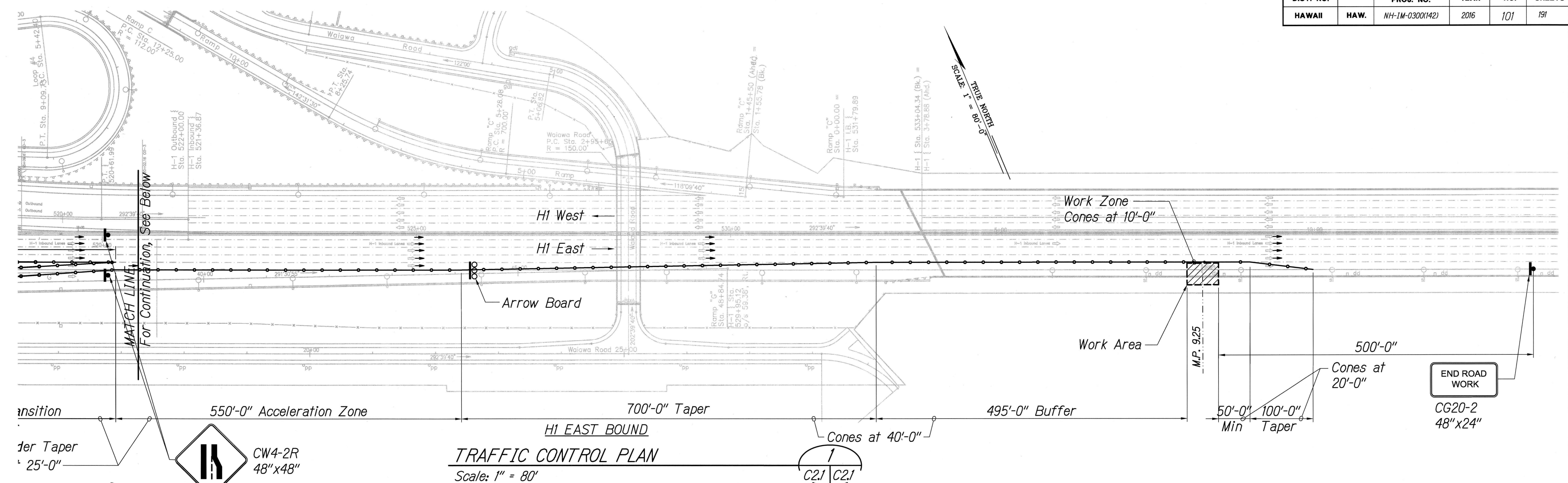
TEMPORARY SIGN  
PANEL LAYOUT

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown      Date: May 2016

SHEET No. C11 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	101	191



**Note:**  
Shoulder lane (East Bound) shall be closed during morning traffic (8:30 am - 3:30 pm)



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**H1EB-112 TRAFFIC CONTROL PLAN-01**

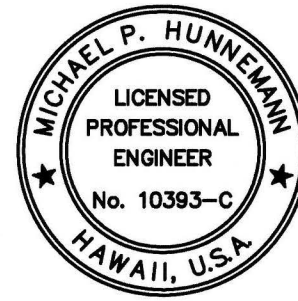
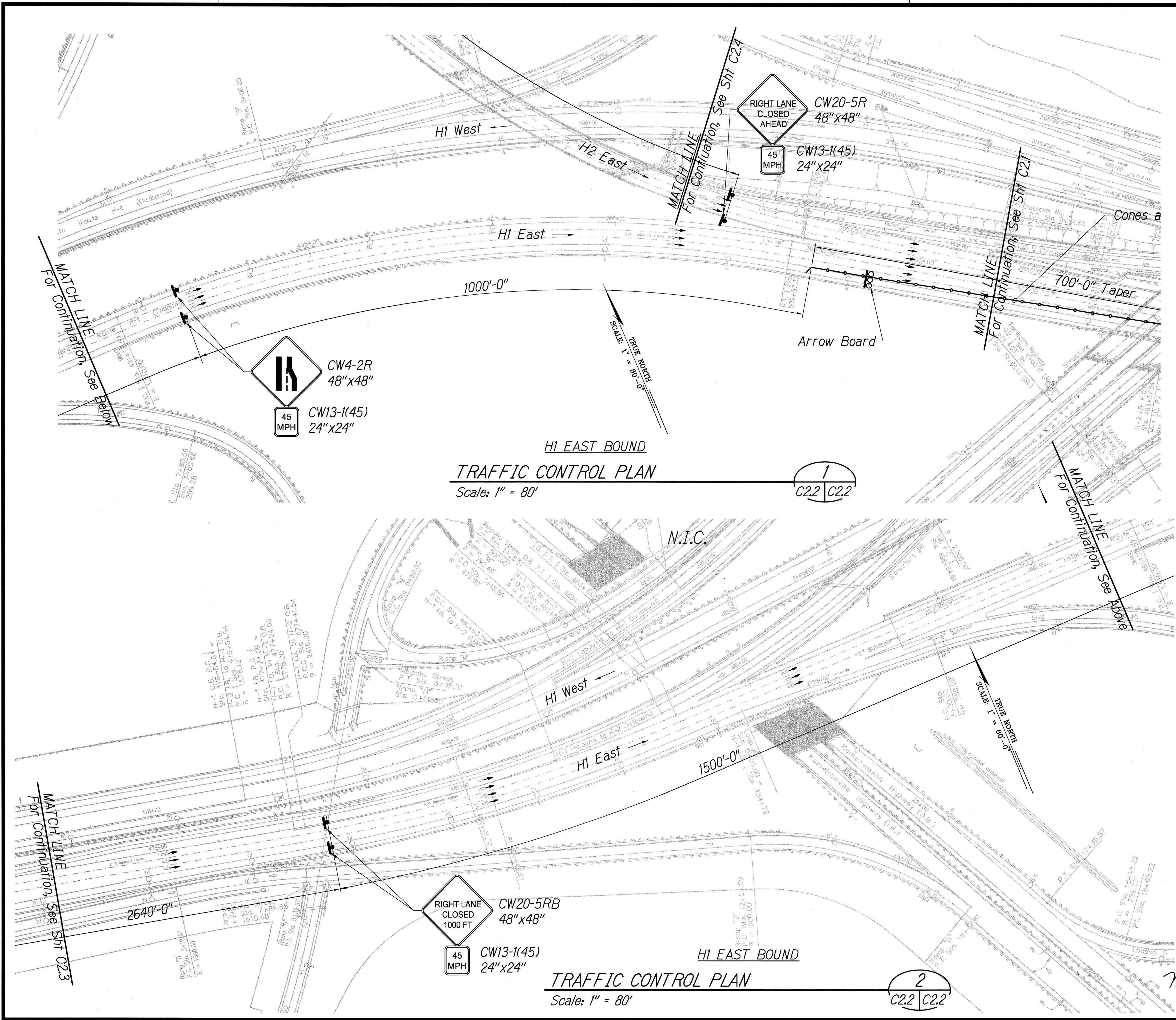
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C21 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	102	191



Michael P. Hummel  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**H1E-112 TRAFFIC CONTROL PLAN-02**

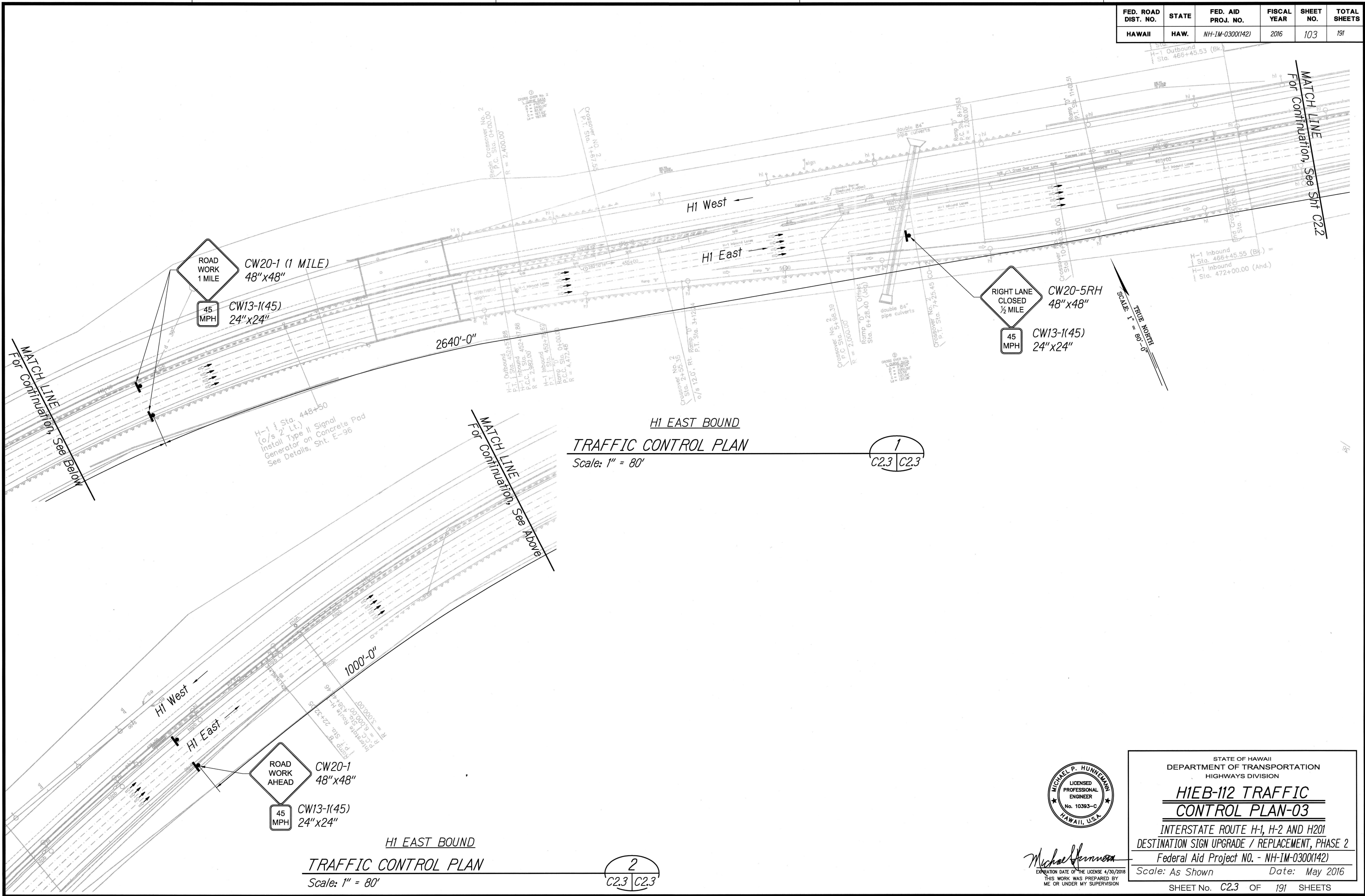
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C2.2 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	103	191



Michael P. Hummelmann  
EXPIRATION DATE OF THE LICENSE: 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**H1EB-112 TRAFFIC  
CONTROL PLAN-03**

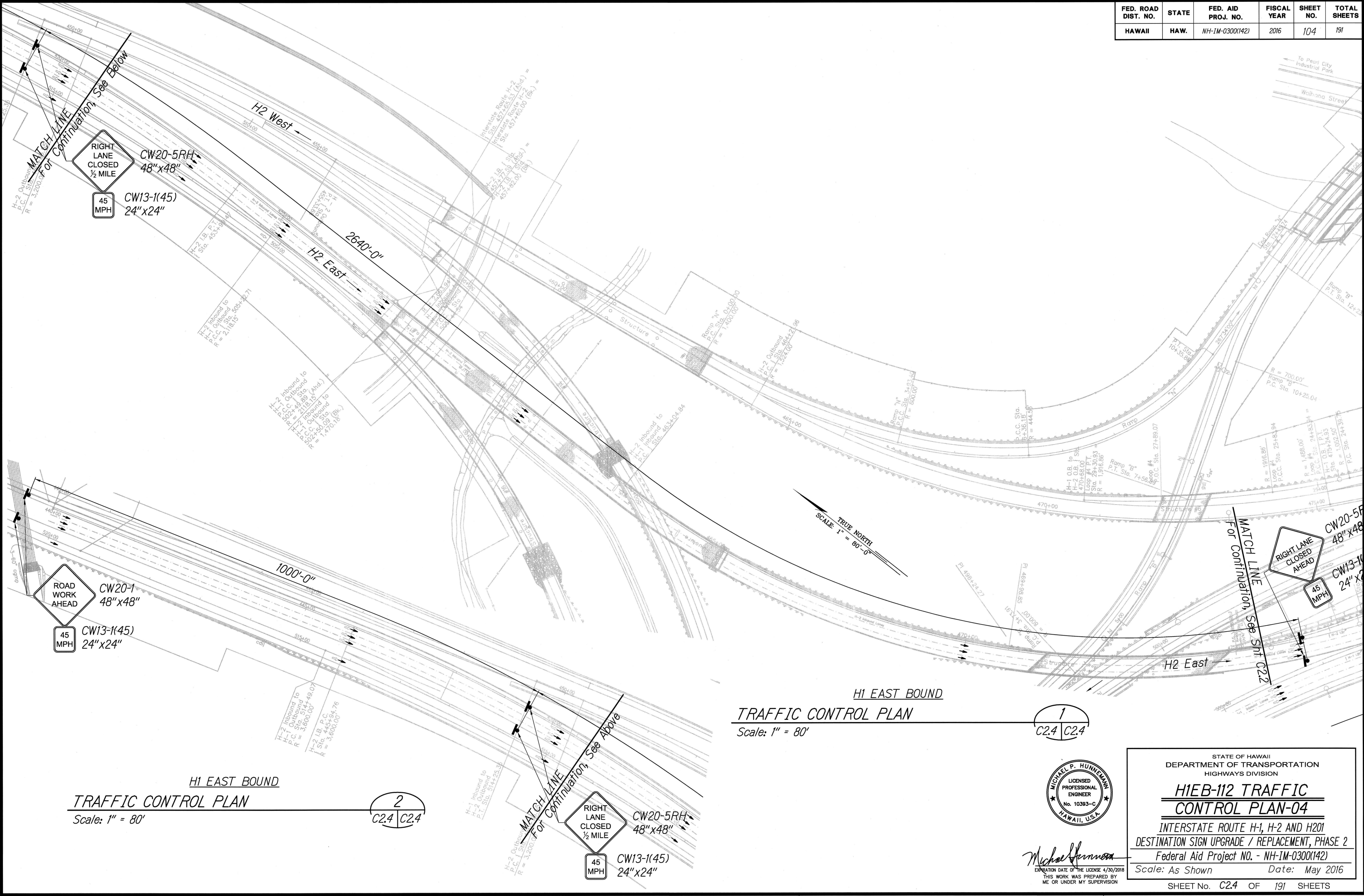
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C2.3 OF 191 SHEETS

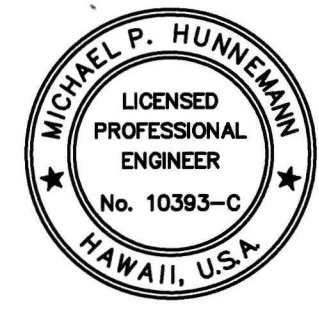


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	104	191



H1 EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

H1 EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**H1EB-112 TRAFFIC CONTROL PLAN-04**

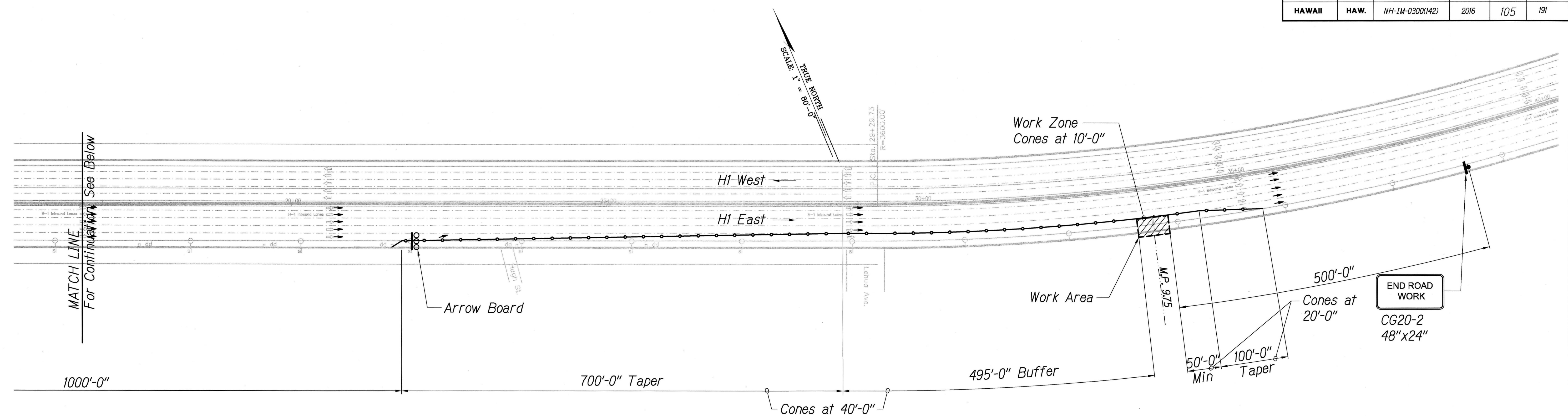
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C24 OF 191 SHEETS

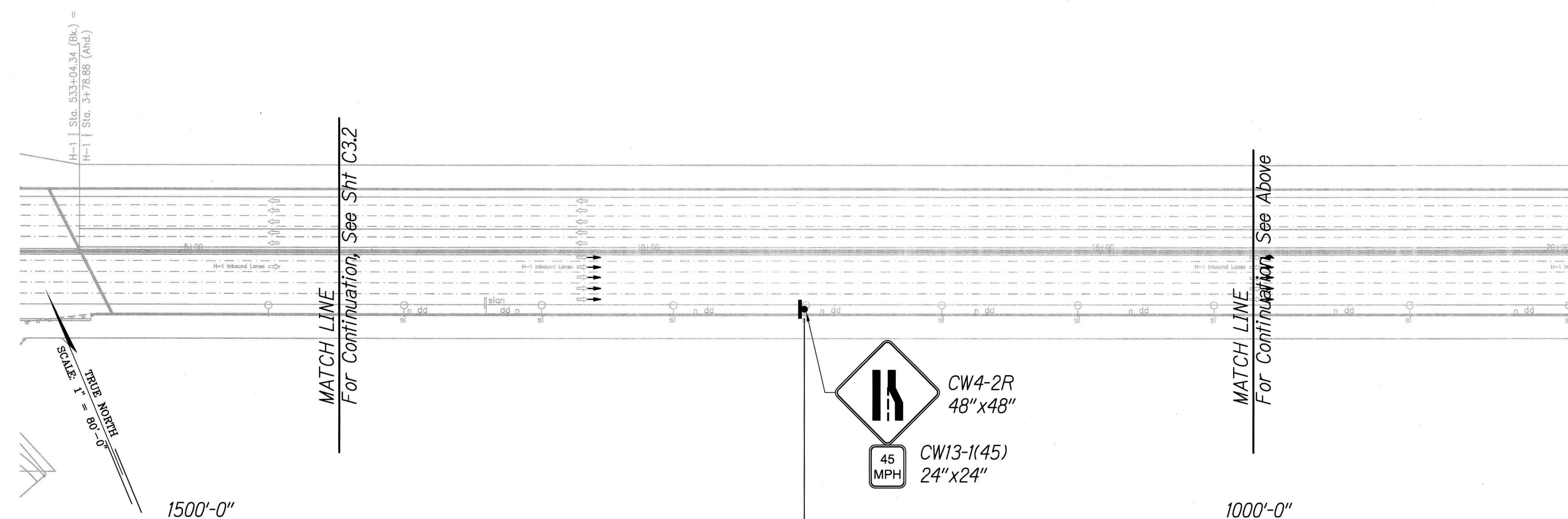


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	105	191



HI EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

1  
C3.1 C3.1



HI EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

2  
C3.1 C3.1



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIEB-113 TRAFFIC  
CONTROL PLAN-01**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

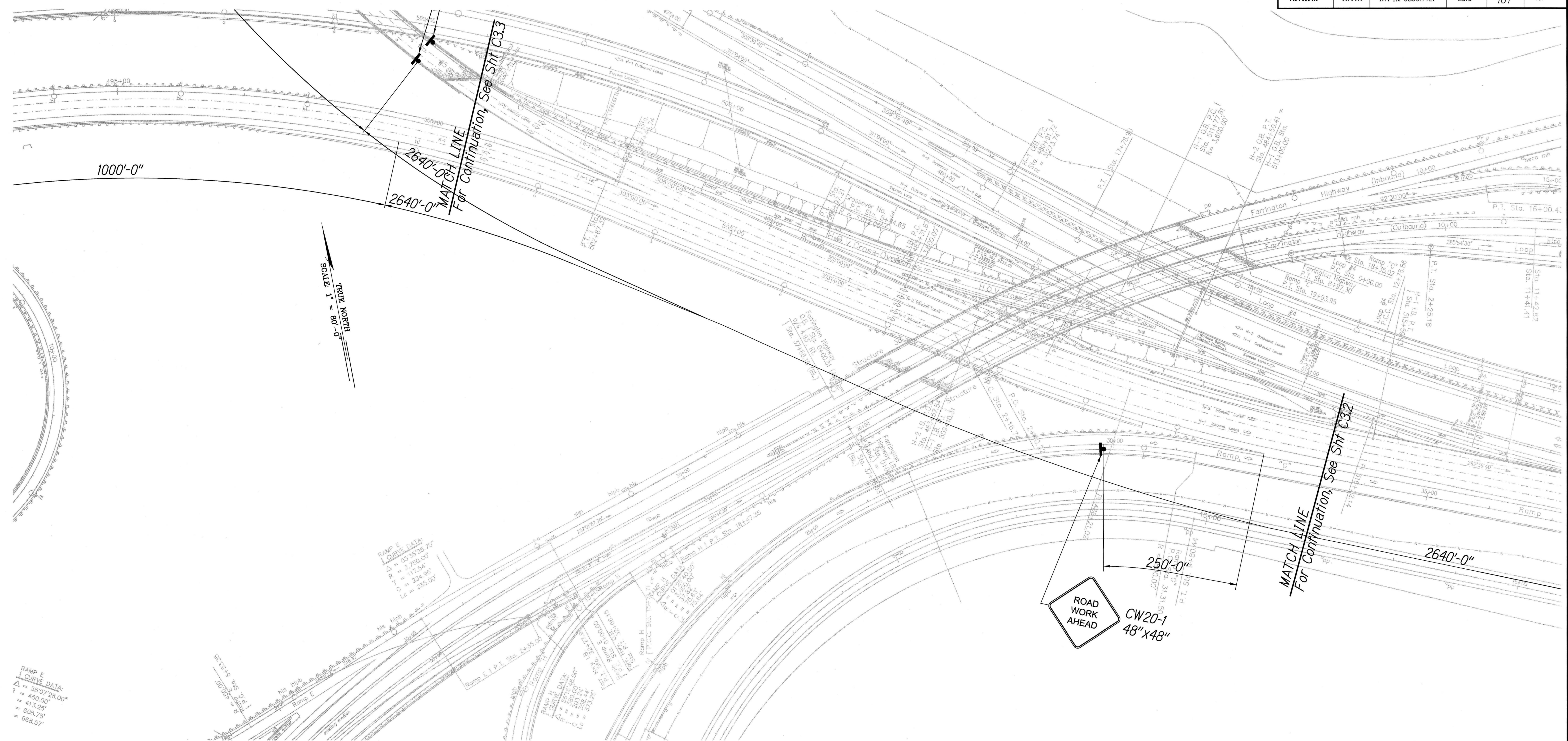
SHEET No. C3.1 OF 191 SHEETS







FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	107	191



HI EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

1  
C3.3 | C3.3

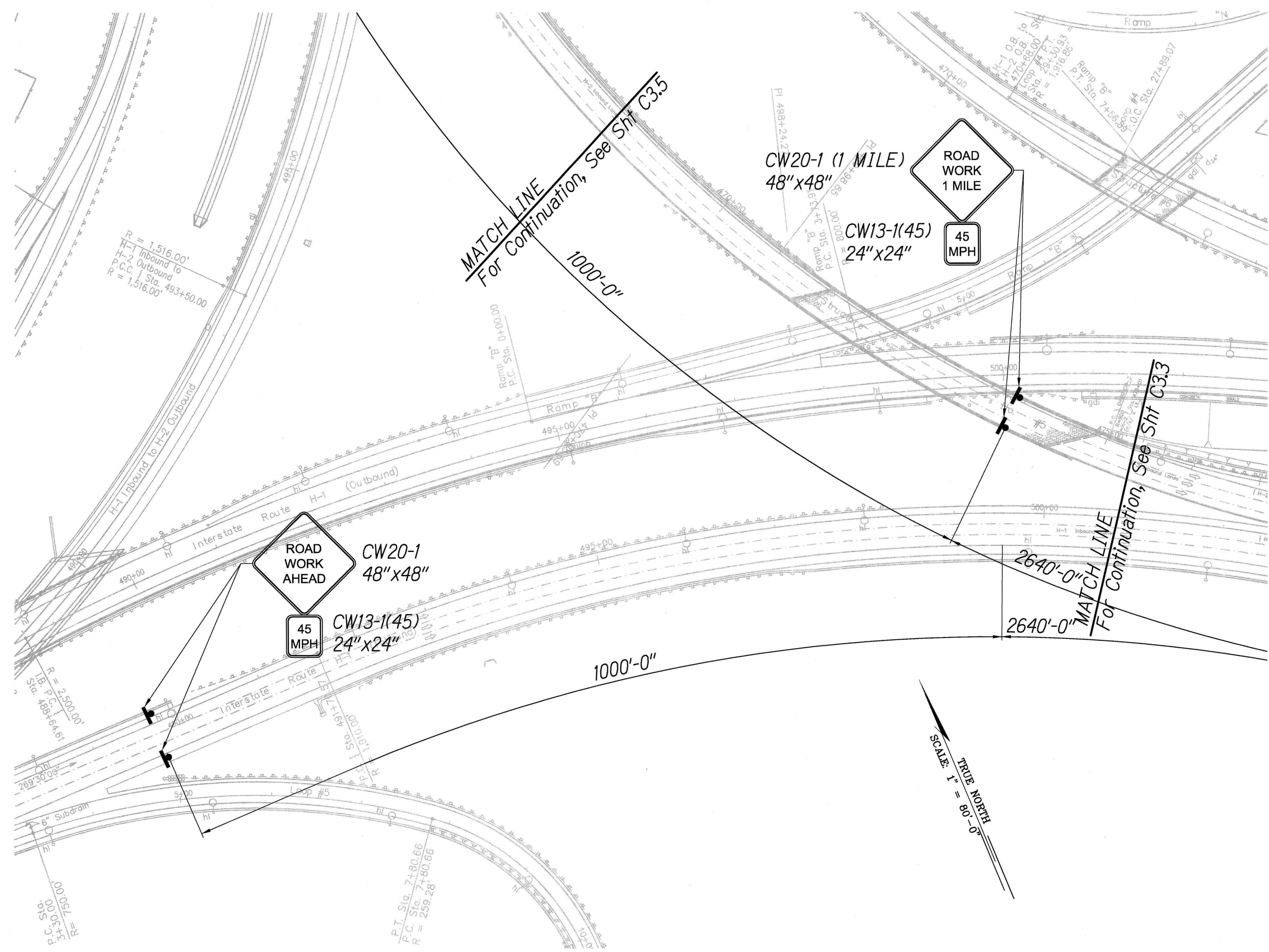


Michael P. Hummer  
EXPIRATION DATE OF THE LICENSE: 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**H1EB-113 TRAFFIC  
CONTROL PLAN-03**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)  
Scale: As Shown      Date: May 2016  
SHEET No. C3.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	108	191



HI EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

1  
C3.4 C3.4



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIEB-113 TRAFFIC  
CONTROL PLAN-04**

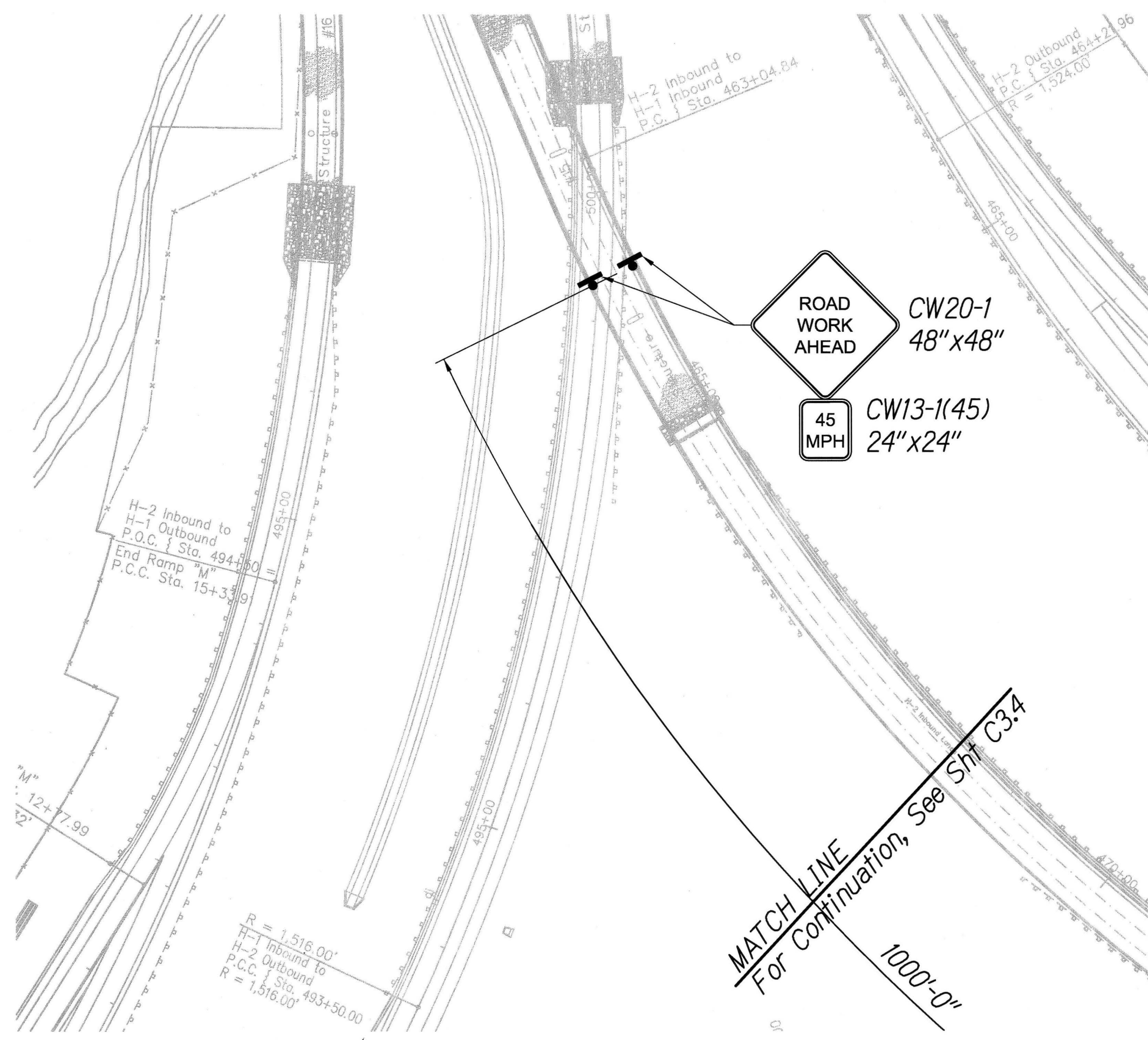
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C3.4 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	109	191



HI EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

1  
C3.5 C3.5



Michael P. Hummermann  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**H1EB-113 TRAFFIC  
CONTROL PLAN-05**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

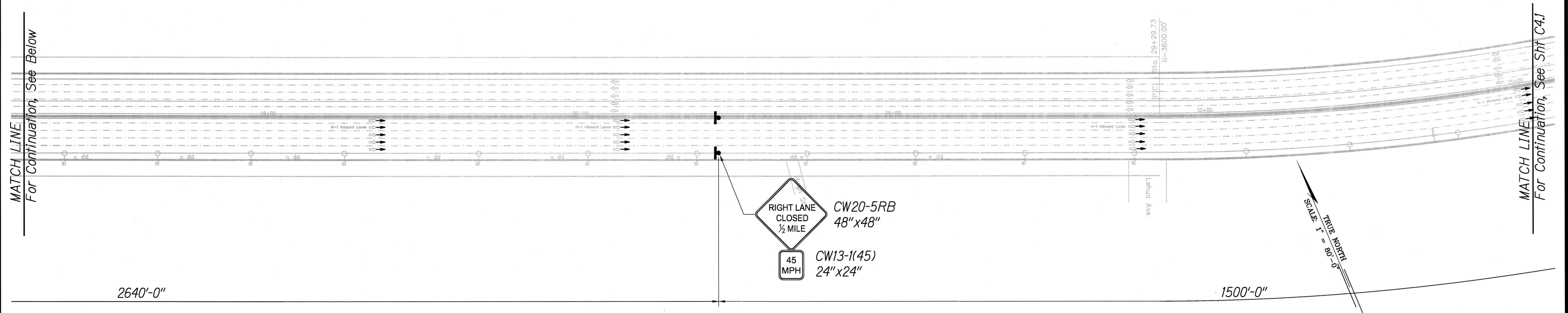
SHEET No. C3.5 OF 191 SHEETS





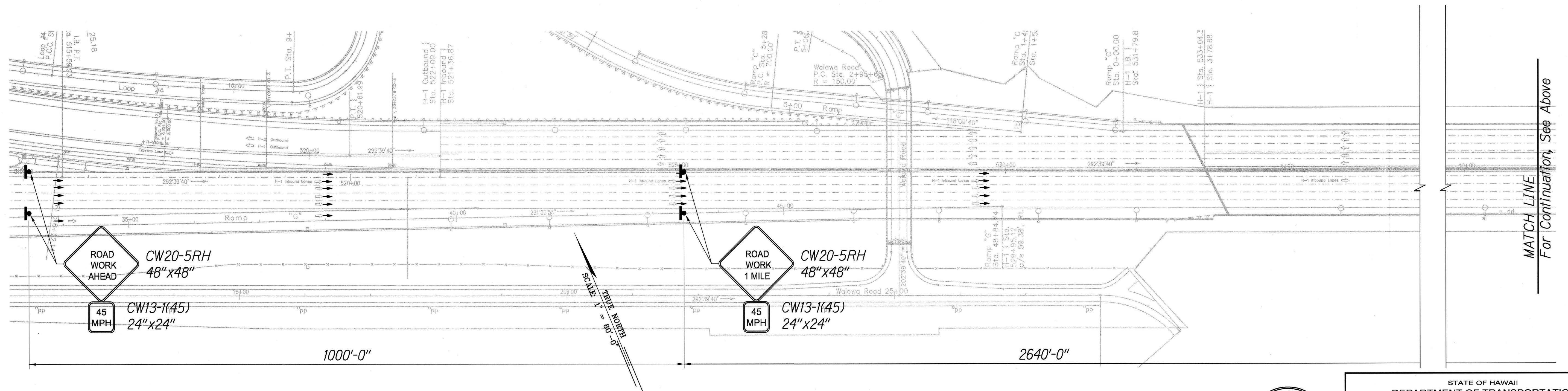


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	111	191



HI EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

1  
C4.2 C4.2



HI EAST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

2  
C4.2 C4.2



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

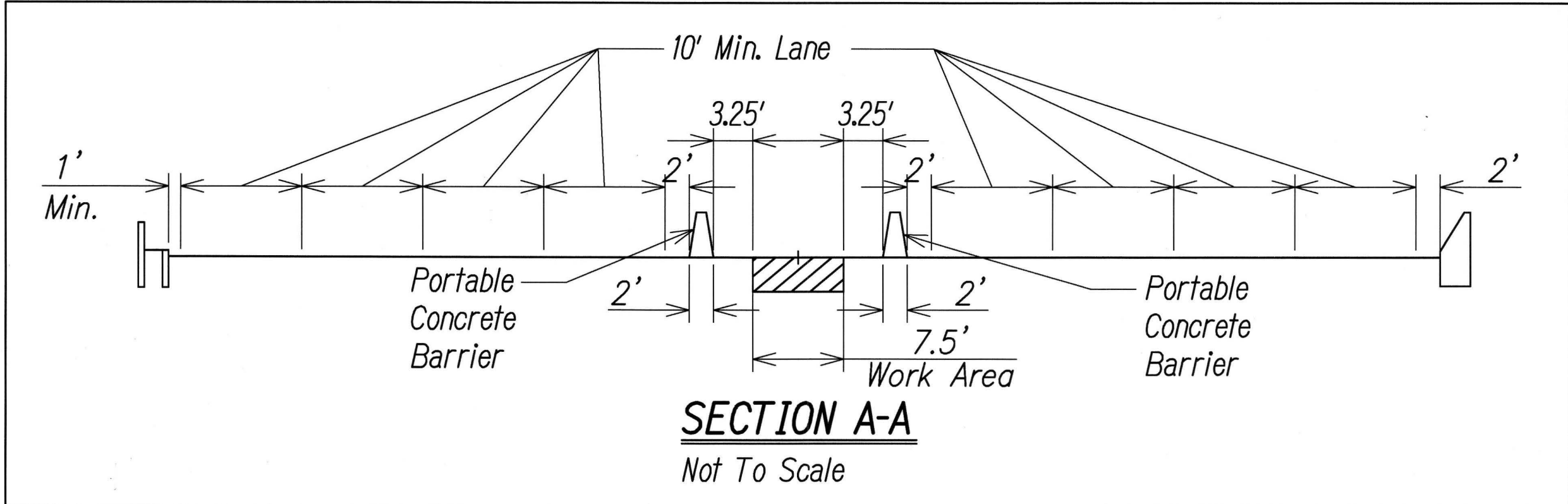
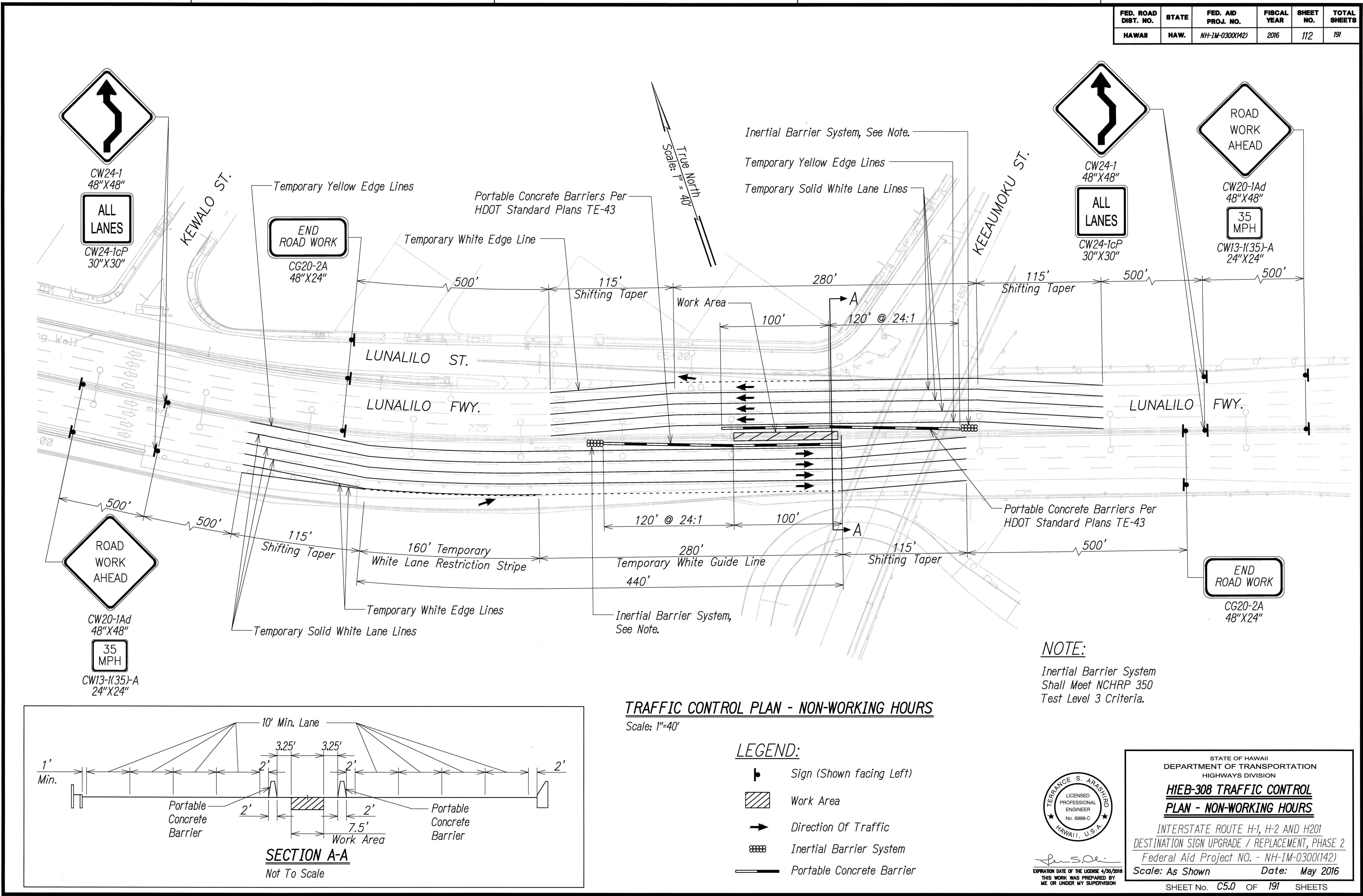
**HIEB-114 TRAFFIC CONTROL PLAN-02**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

SHEET No. C4.2 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	112	191



**TRAFFIC CONTROL PLAN - NON-WORKING HOURS**  
 Scale: 1"=40'

- LEGEND:**
- Sign (Shown facing Left)
  - Work Area
  - Direction Of Traffic
  - Inertial Barrier System
  - Portable Concrete Barrier

**NOTE:**  
 Inertial Barrier System  
 Shall Meet NCHRP 350  
 Test Level 3 Criteria.

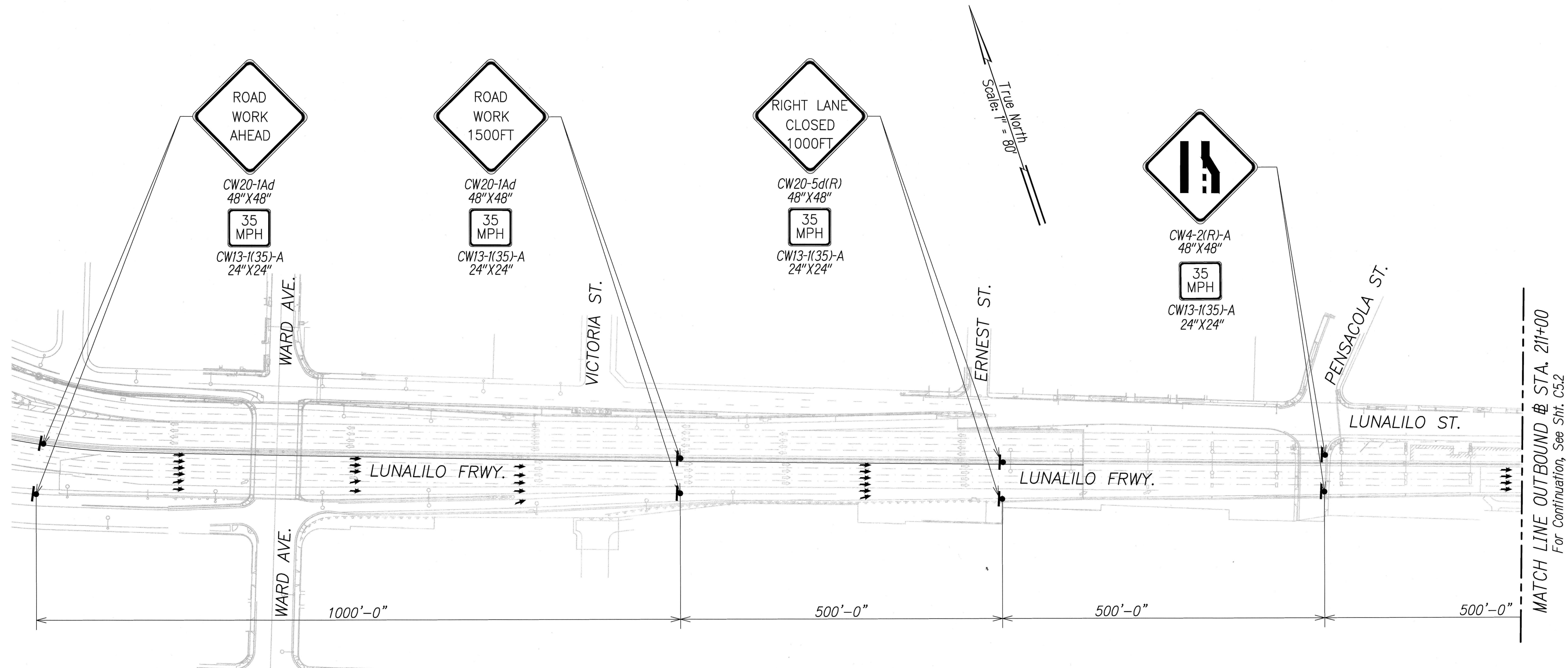


STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**HIEB-308 TRAFFIC CONTROL  
 PLAN - NON-WORKING HOURS**  
 INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-IM-0300(142)  
 Scale: As Shown      Date: May 2016



SHEET No. C5.0 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	113	191



**TRAFFIC CONTROL PLAN - PHASE 1**  
 Scale: 1"=80'

- LEGEND:**
-  Sign (Shown facing Left)
  -  Direction Of Traffic



EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY  
 ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**HIEB-308 TRAFFIC CONTROL**  
**PLAN - PHASE 1**

INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)

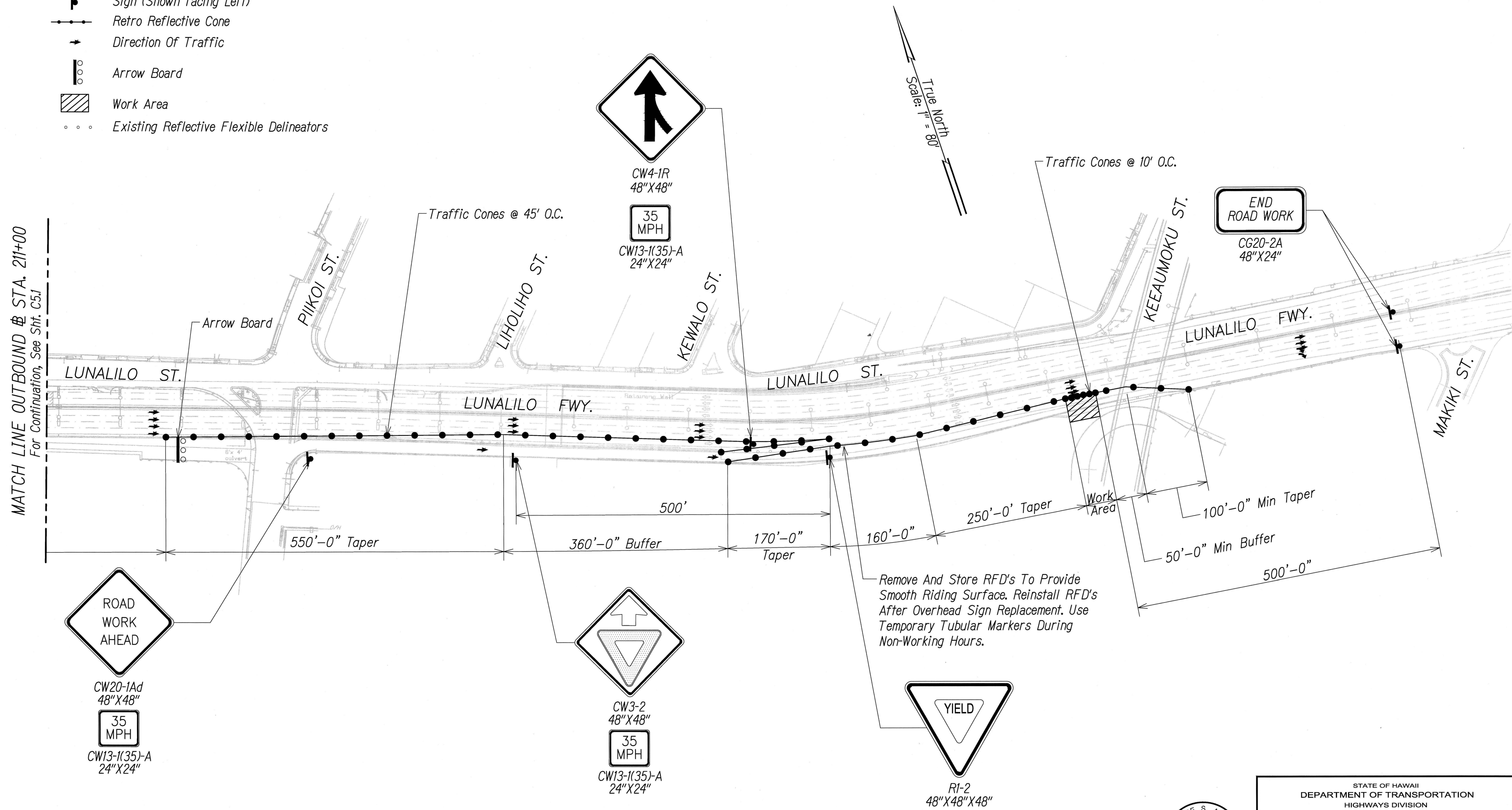
Scale: As Shown      Date: May 2016

SHEET No. C5.1 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	114	191

- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board
  - Work Area
  - Existing Reflective Flexible Delineators



**TRAFFIC CONTROL PLAN - PHASE 1**  
Scale: 1"=80'

TERRANCE S. ARASHIRO  
LICENSED PROFESSIONAL ENGINEER  
No. 6998-C  
HAWAII, U.S.A.  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

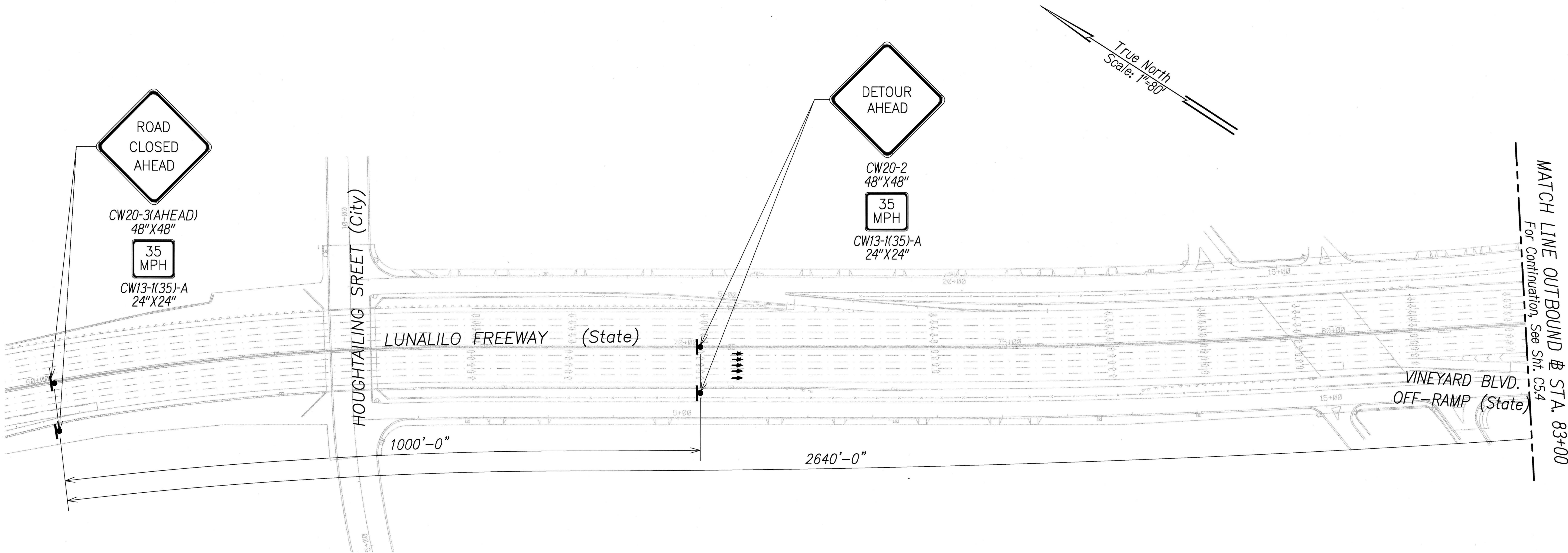
**HIEB-308 TRAFFIC CONTROL**  
**PLAN - PHASE 1**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)  
Scale: As Shown Date: May 2016

SHEET No. C5.2 OF 191 SHEETS

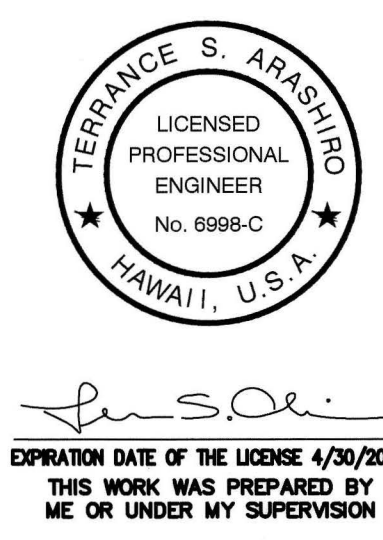


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	115	191



TRAFFIC CONTROL PLAN - PHASE 2  
Scale: 1"=80'

- LEGEND:
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

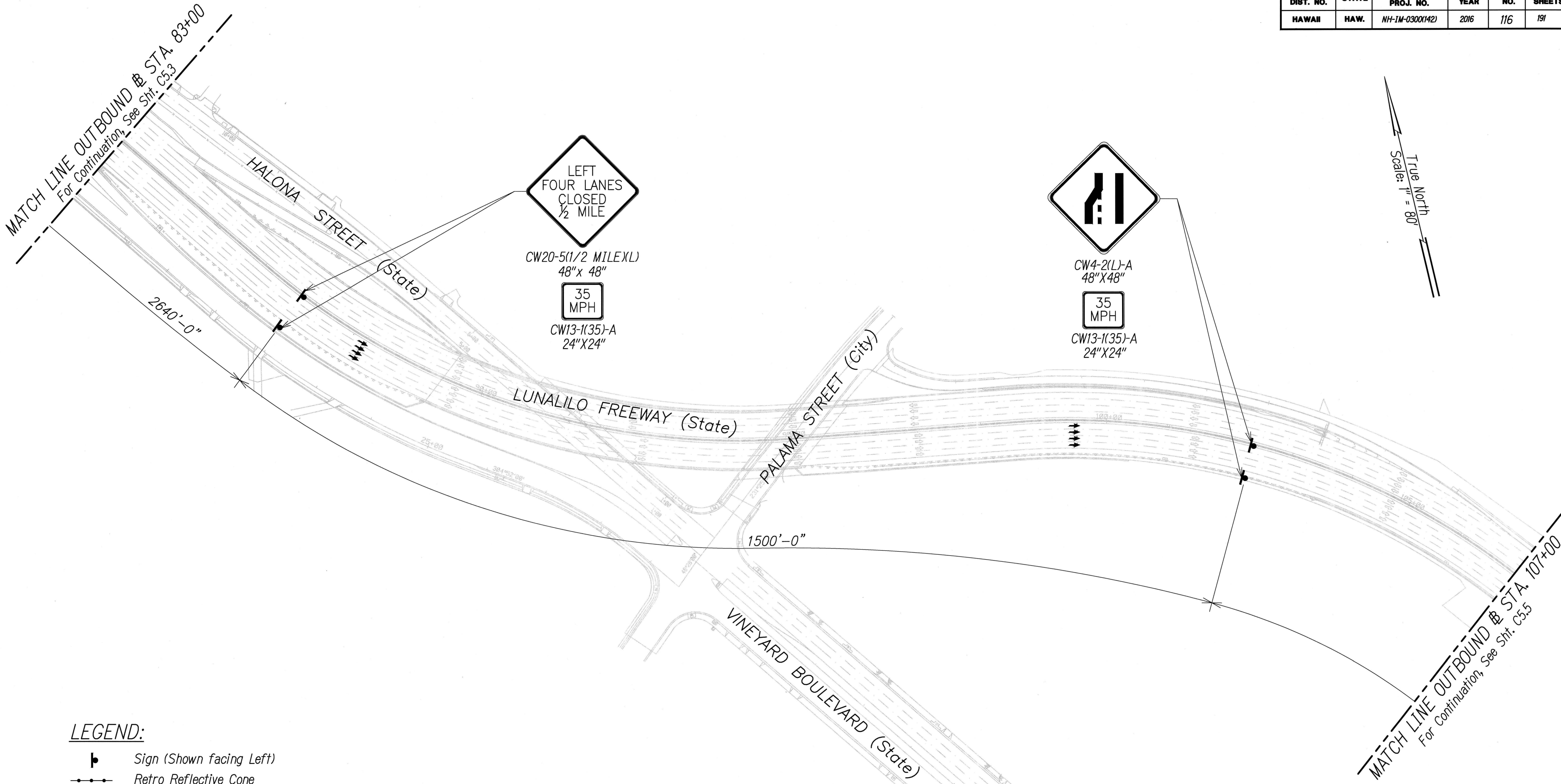
**HIEB-308 TRAFFIC CONTROL  
PLAN - PHASE 2**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

SHEET No. C5.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	116	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board

**TRAFFIC CONTROL PLAN - PHASE 2**  
 Scale: 1"=80'

TERRANCE S. ARASHIRO  
 LICENSED PROFESSIONAL ENGINEER  
 No. 6998-C  
 HAWAII, U.S.A.  
 EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

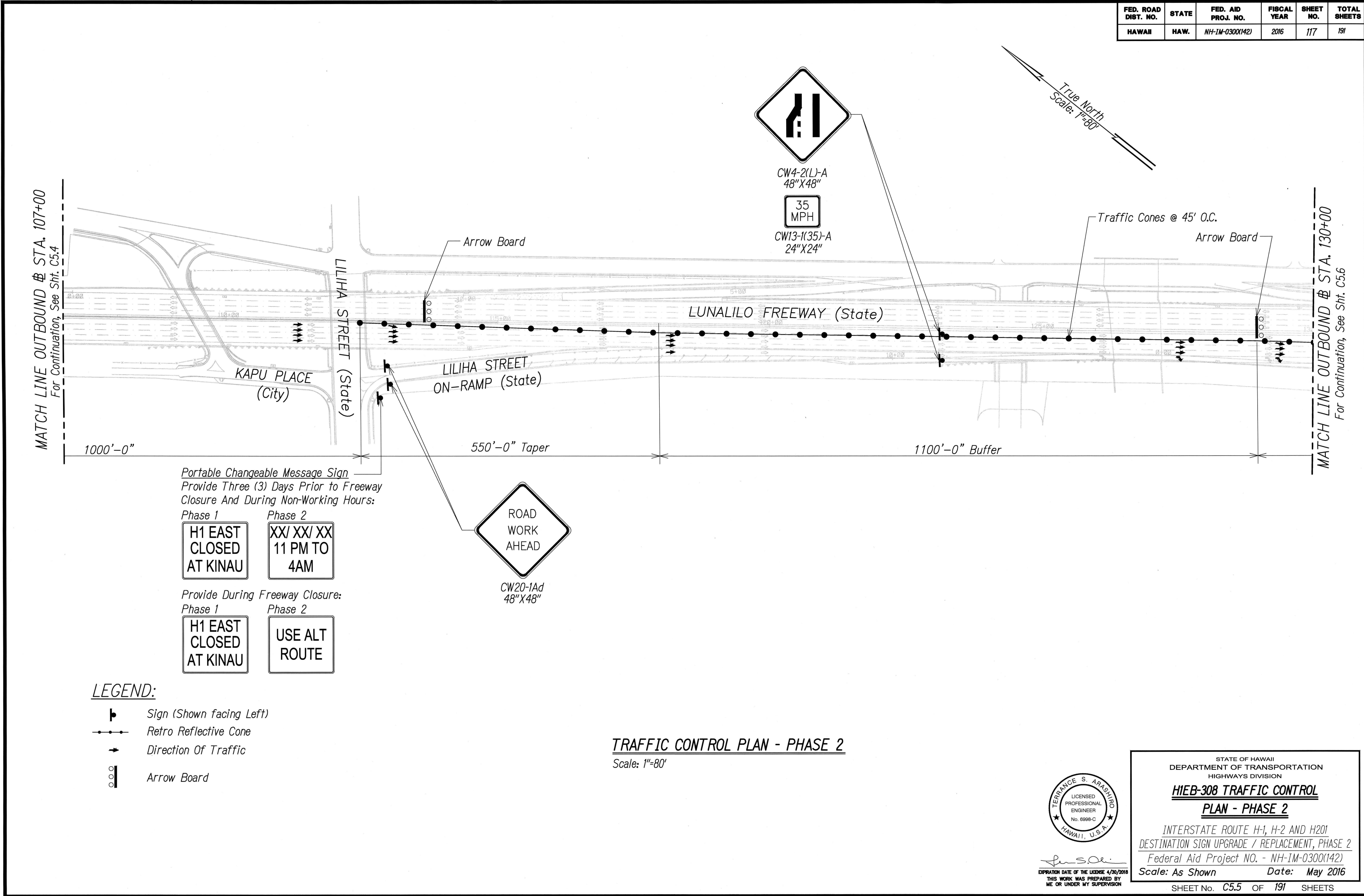
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIEB-308 TRAFFIC CONTROL**  
**PLAN - PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)  
Scale: As Shown      Date: May 2016

SHEET No. C5.4 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	117	191



EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIEB-308 TRAFFIC CONTROL**  
**PLAN - PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

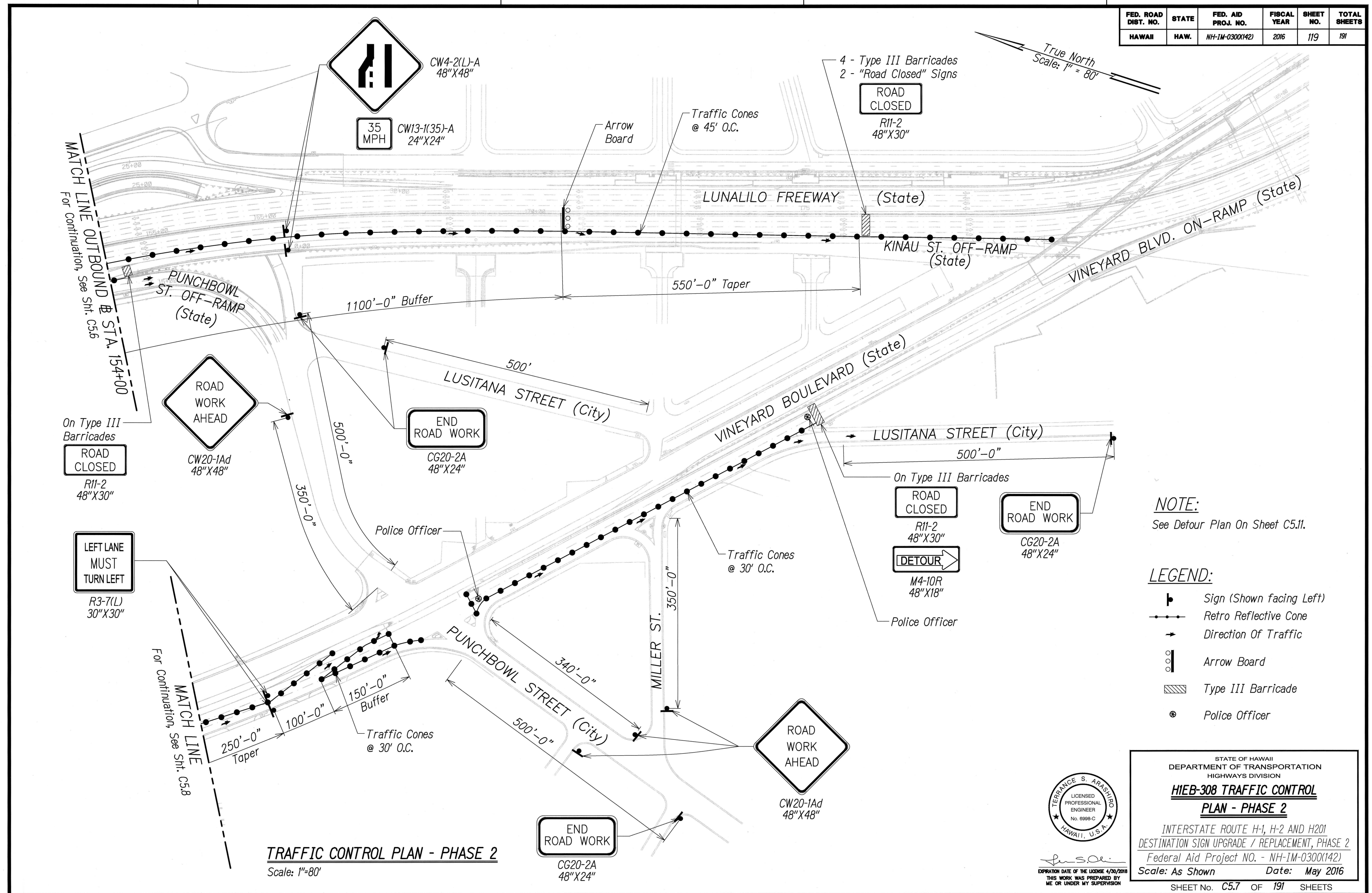
SHEET No. C5.5 OF 191 SHEETS







FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	119	191

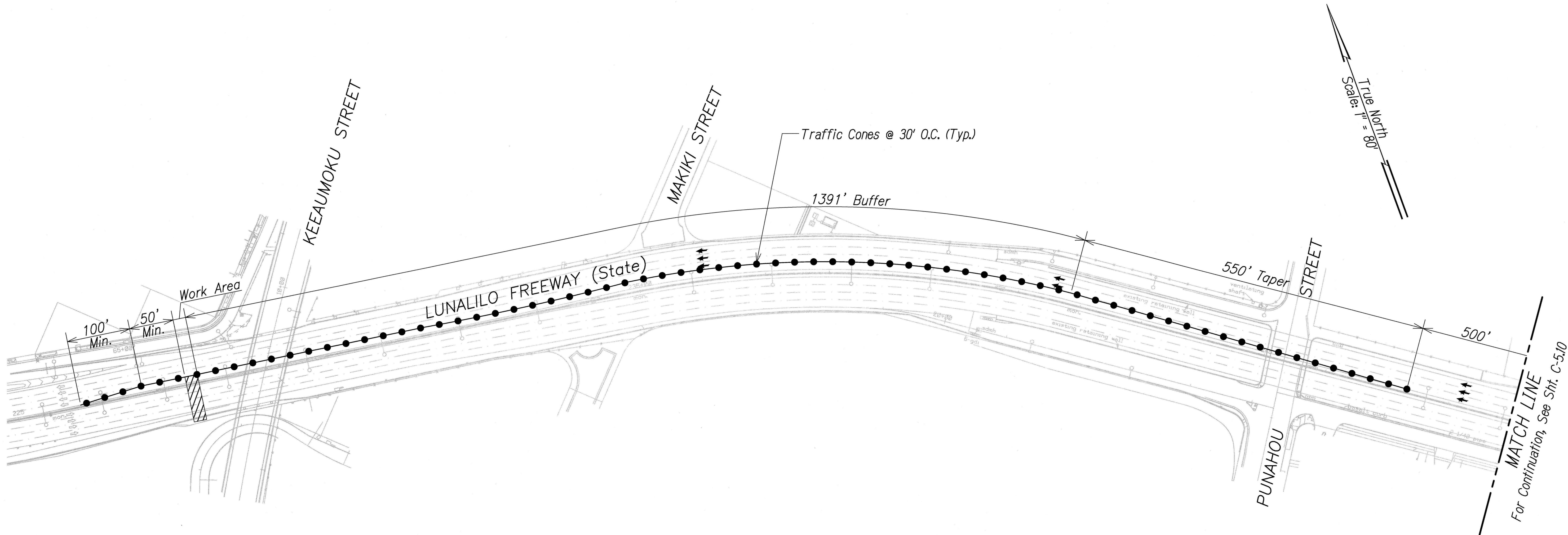






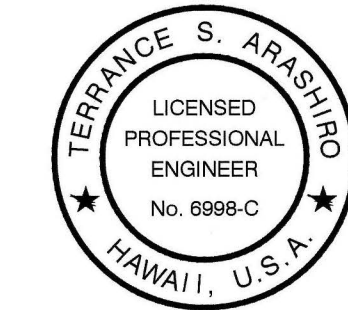


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	121	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic

**TRAFFIC CONTROL PLAN - PHASE 2**  
Scale: 1"=80'

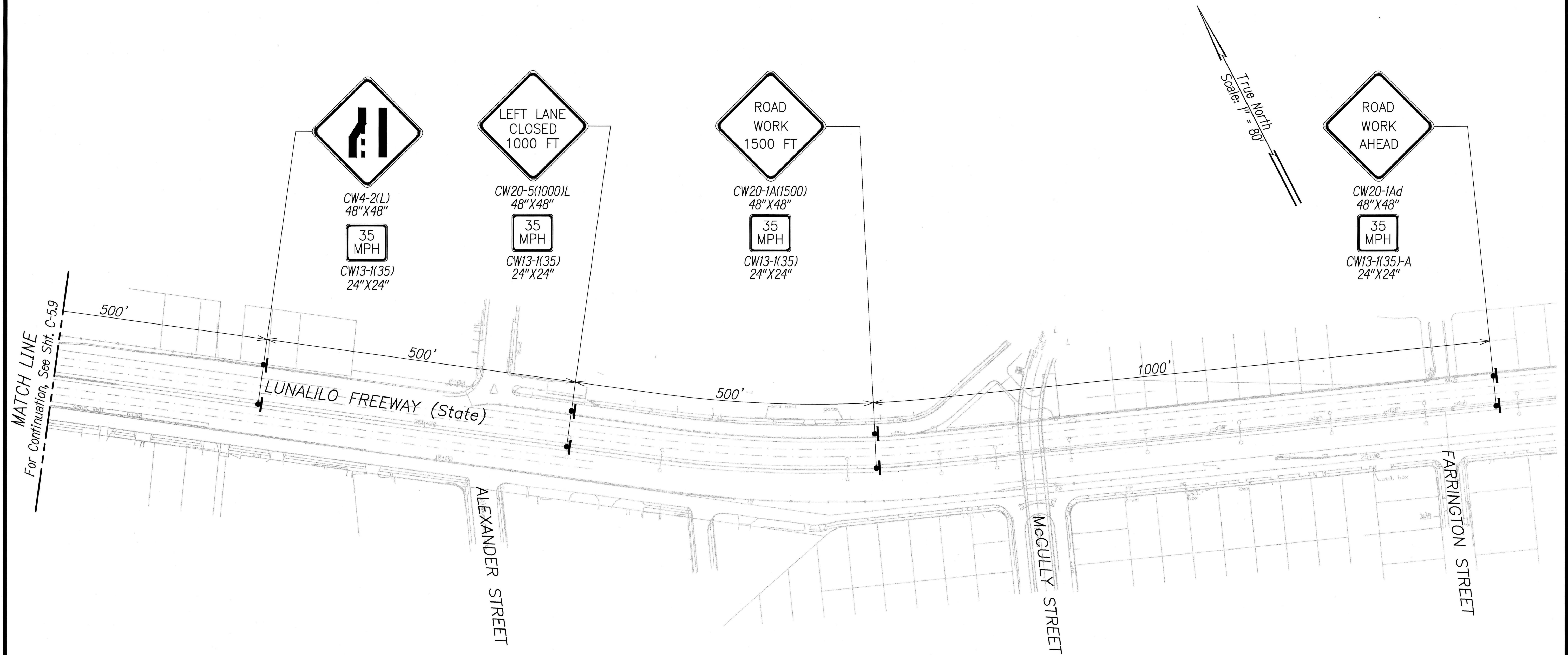


EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**HIEB-308 TRAFFIC CONTROL**  
**PLAN - PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C5.9 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	122	191



**LEGEND:**

- ▬ Sign (Shown facing Left)
- Direction Of Traffic

**TRAFFIC CONTROL PLAN - PHASE 2**

Scale: 1"=80'



EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIEB-308 TRAFFIC CONTROL  
PLAN - PHASE 2**

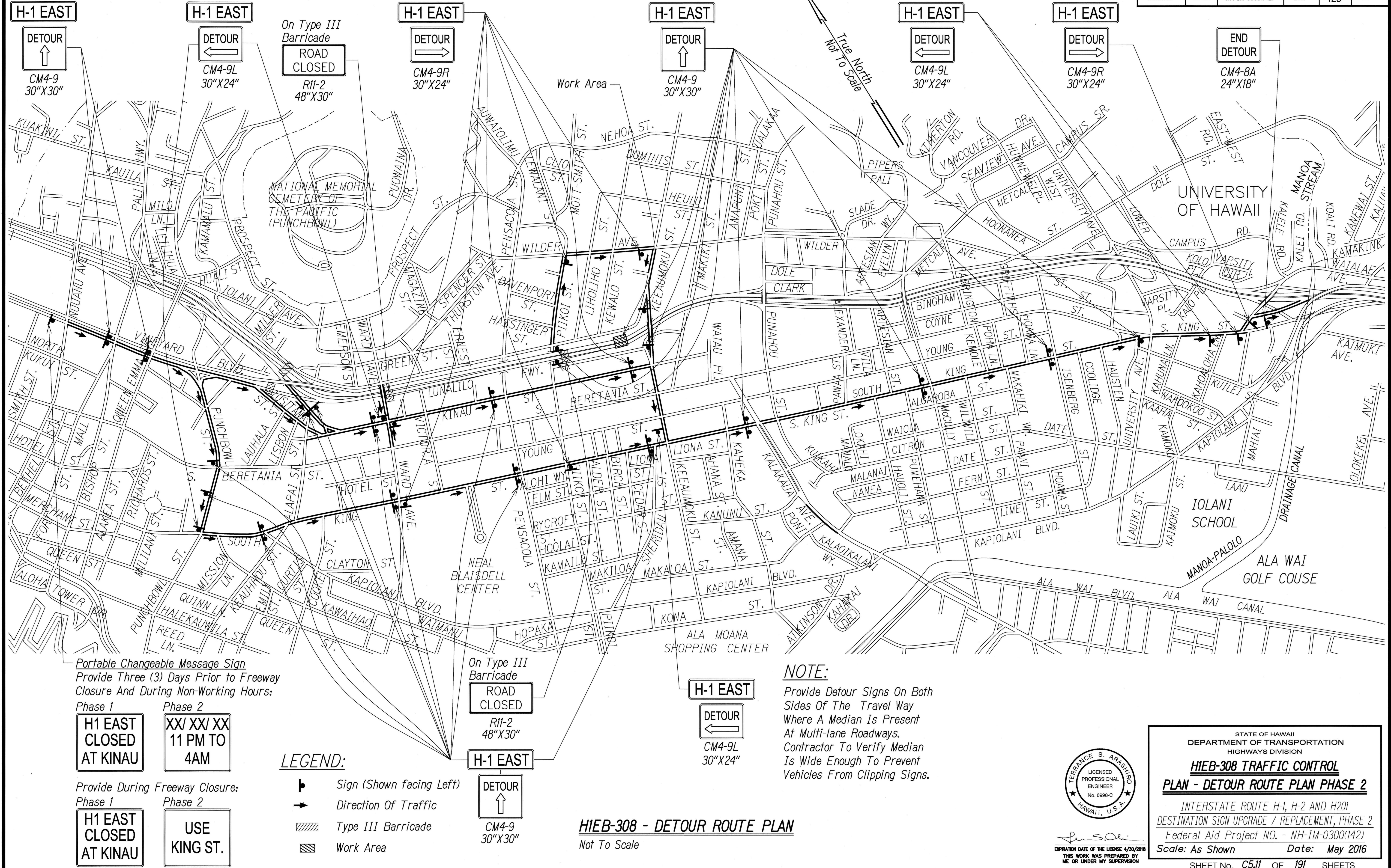
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C5.10 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	123	191



Portable Changeable Message Sign  
Provide Three (3) Days Prior to Freeway  
Closure And During Non-Working Hours:

Phase 1	Phase 2
H1 EAST CLOSED AT KINAU	XX/ XX/ XX 11 PM TO 4AM

Provide During Freeway Closure:

Phase 1	Phase 2
H1 EAST CLOSED AT KINAU	USE KING ST.

#### LEGEND:

- Sign (Shown facing Left)
- Direction Of Traffic
- Type III Barricade
- Work Area

#### HIEB-308 - DETOUR ROUTE PLAN

Not To Scale

#### NOTE:

Provide Detour Signs On Both  
Sides Of The Travel Way  
Where A Median Is Present  
At Multi-lane Roadways.  
Contractor To Verify Median  
Is Wide Enough To Prevent  
Vehicles From Clipping Signs.



TERENCE S. ARASHIRO  
LICENSED  
PROFESSIONAL  
ENGINEER  
No. 6998-C  
HAWAII, U.S.A.  
EXPIRATION DATE OF THE LICENSE 4/30/2016  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

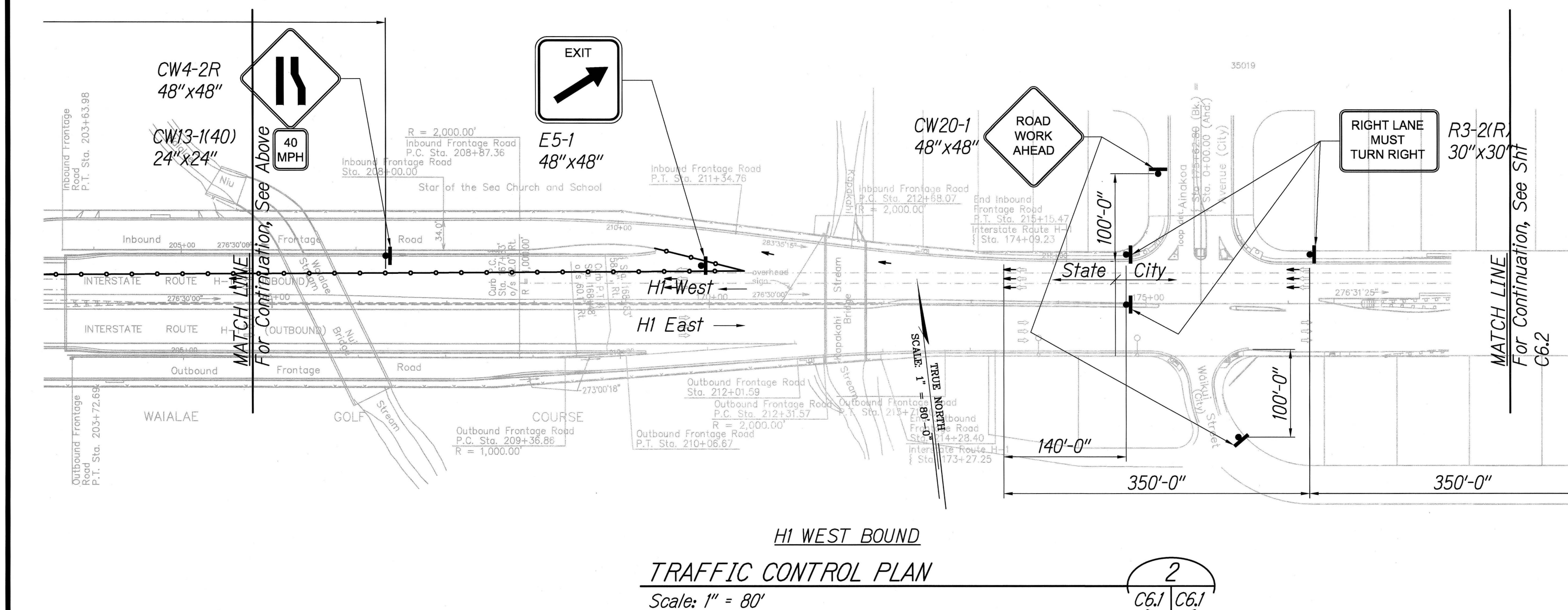
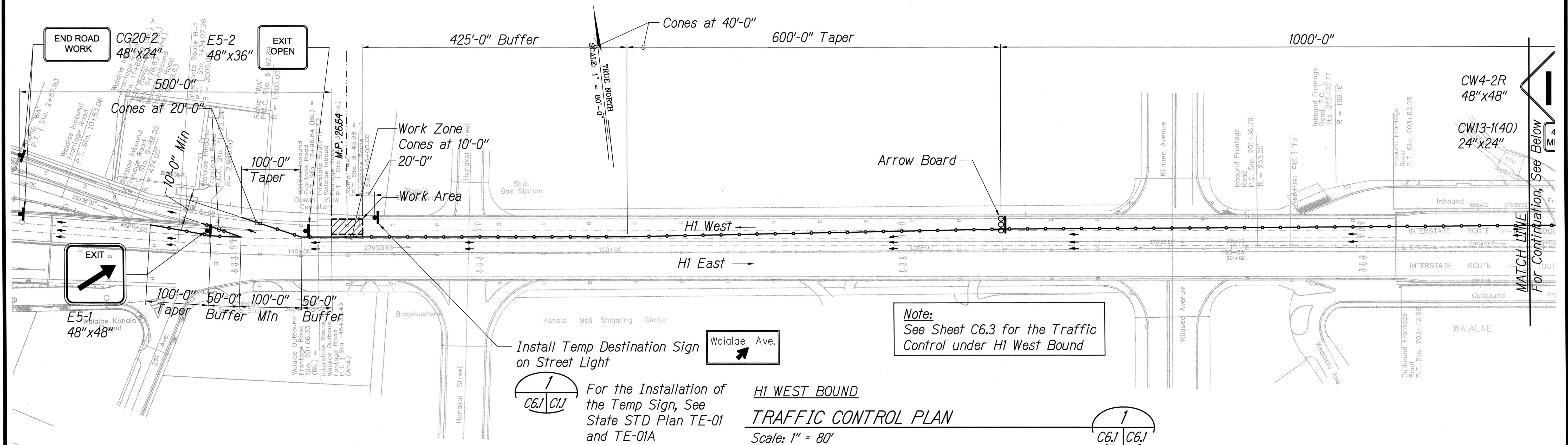
**HIEB-308 TRAFFIC CONTROL**  
**PLAN - DETOUR ROUTE PLAN PHASE 2**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

SHEET No. C5.11 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	124	191

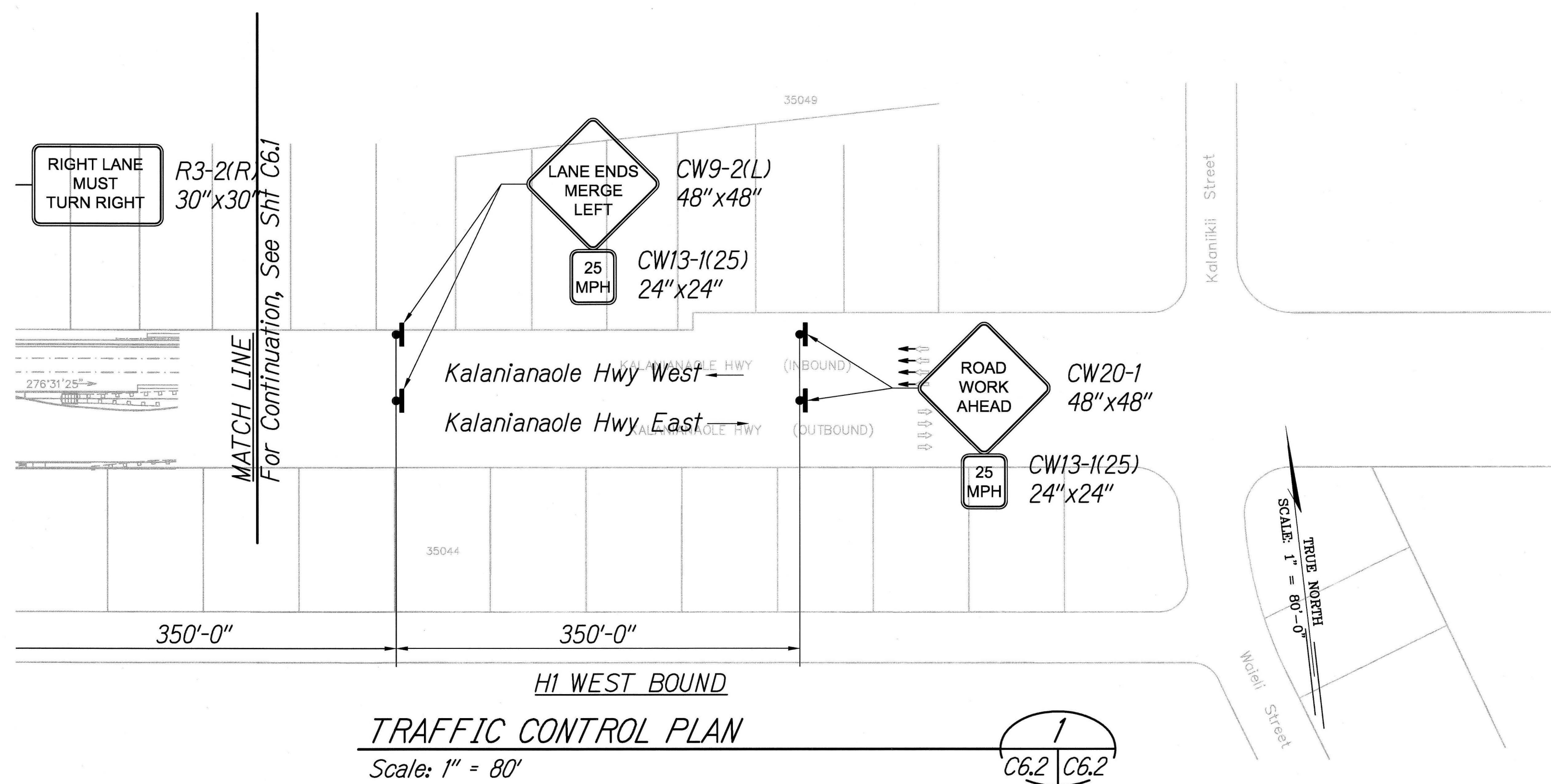


Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2016  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**H1WB-402 TRAFFIC CONTROL PLAN-01**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C6.1 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	125	191



*Michael P. Hunneman*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

***H1WB-402 TRAFFIC  
CONTROL PLAN-02***

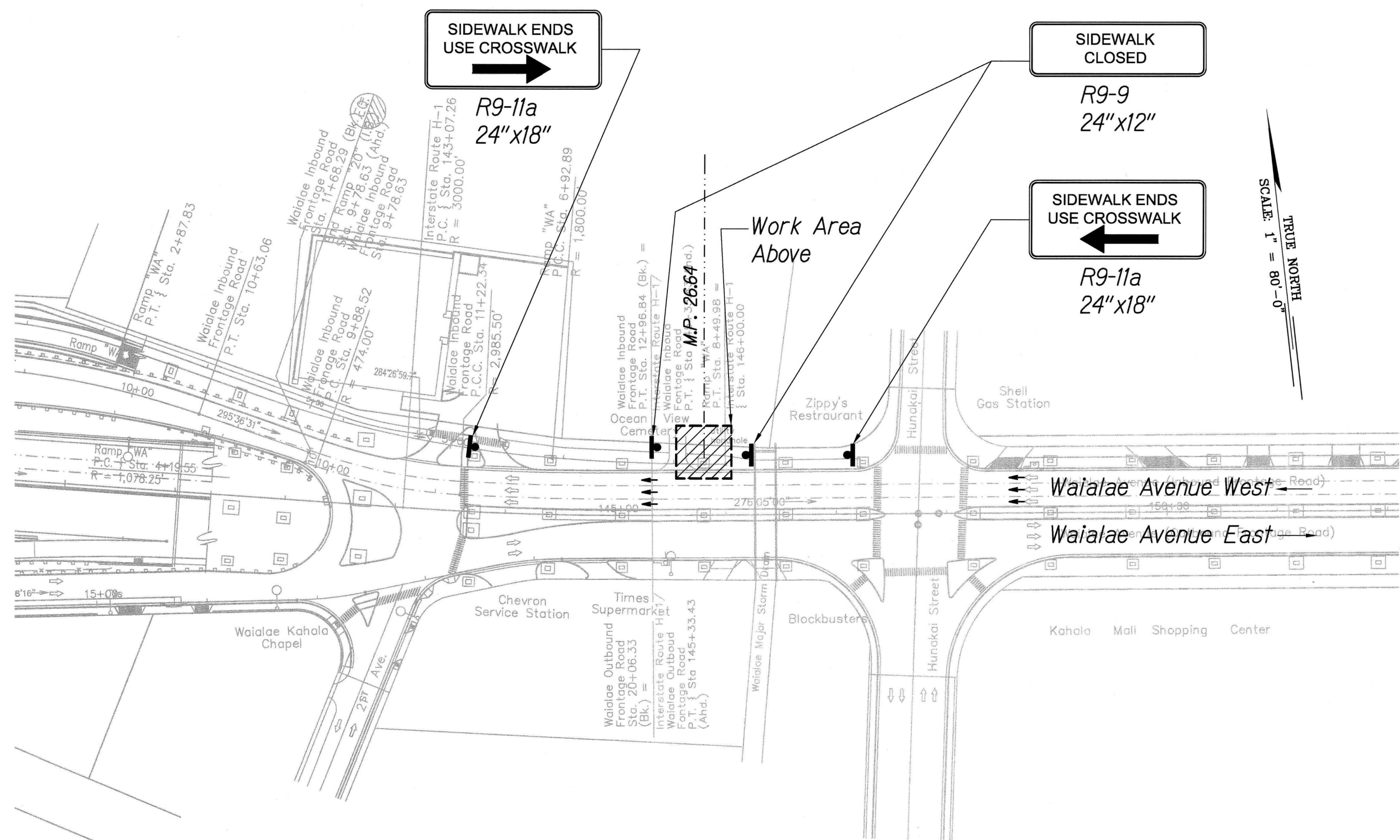
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C6.2 OF 191 SHEETS

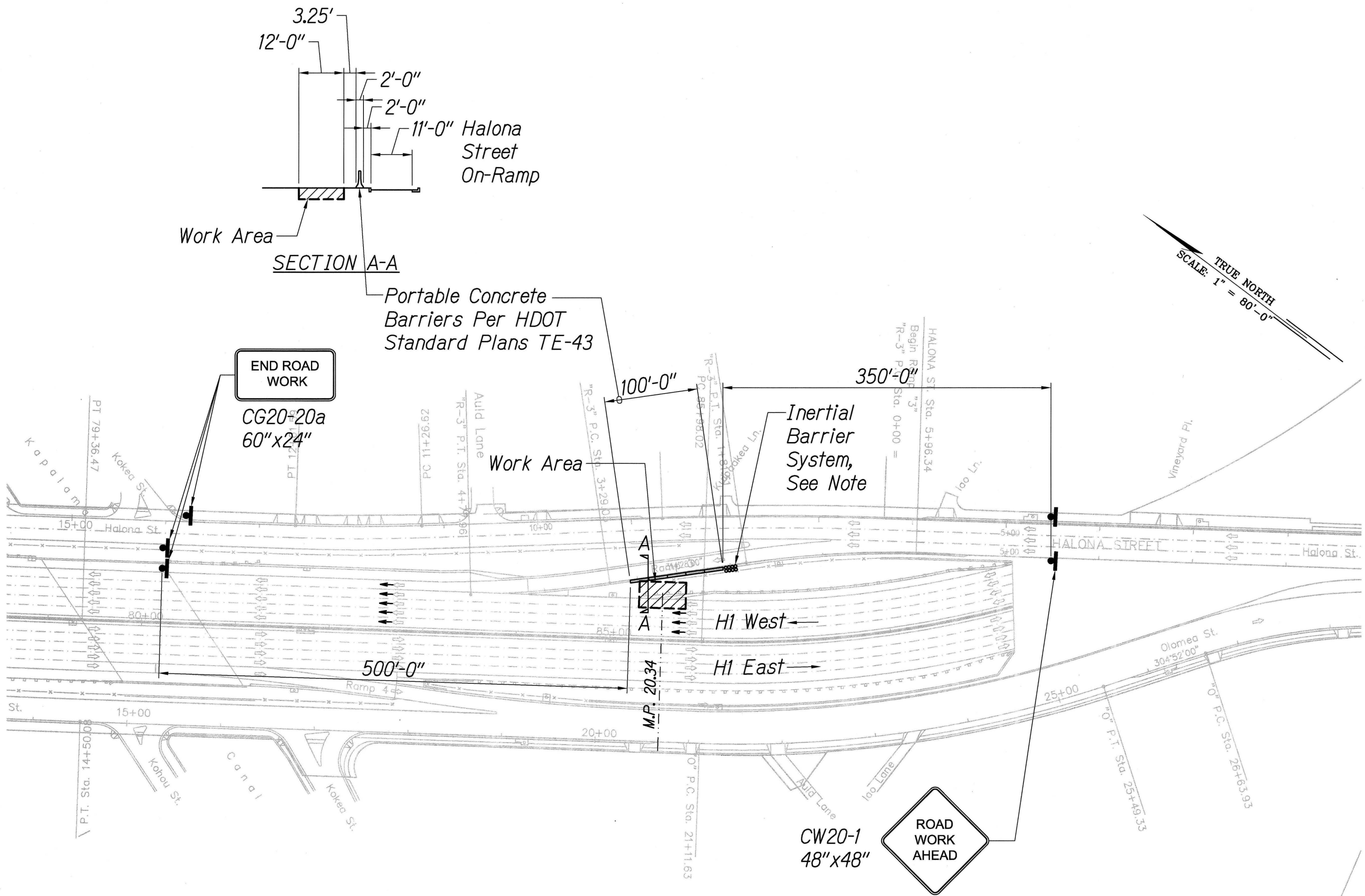


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	126	191





FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	127	191



**Note:**  
Inertial barrier system shall meet NCHRP 350 test level 3 criteria.

**Legend:**

- Designates Work Area
- Direction of Traffic
- Sign (Shown Facing Left)
- Inertial Barrier System
- Portable Concrete Barrier

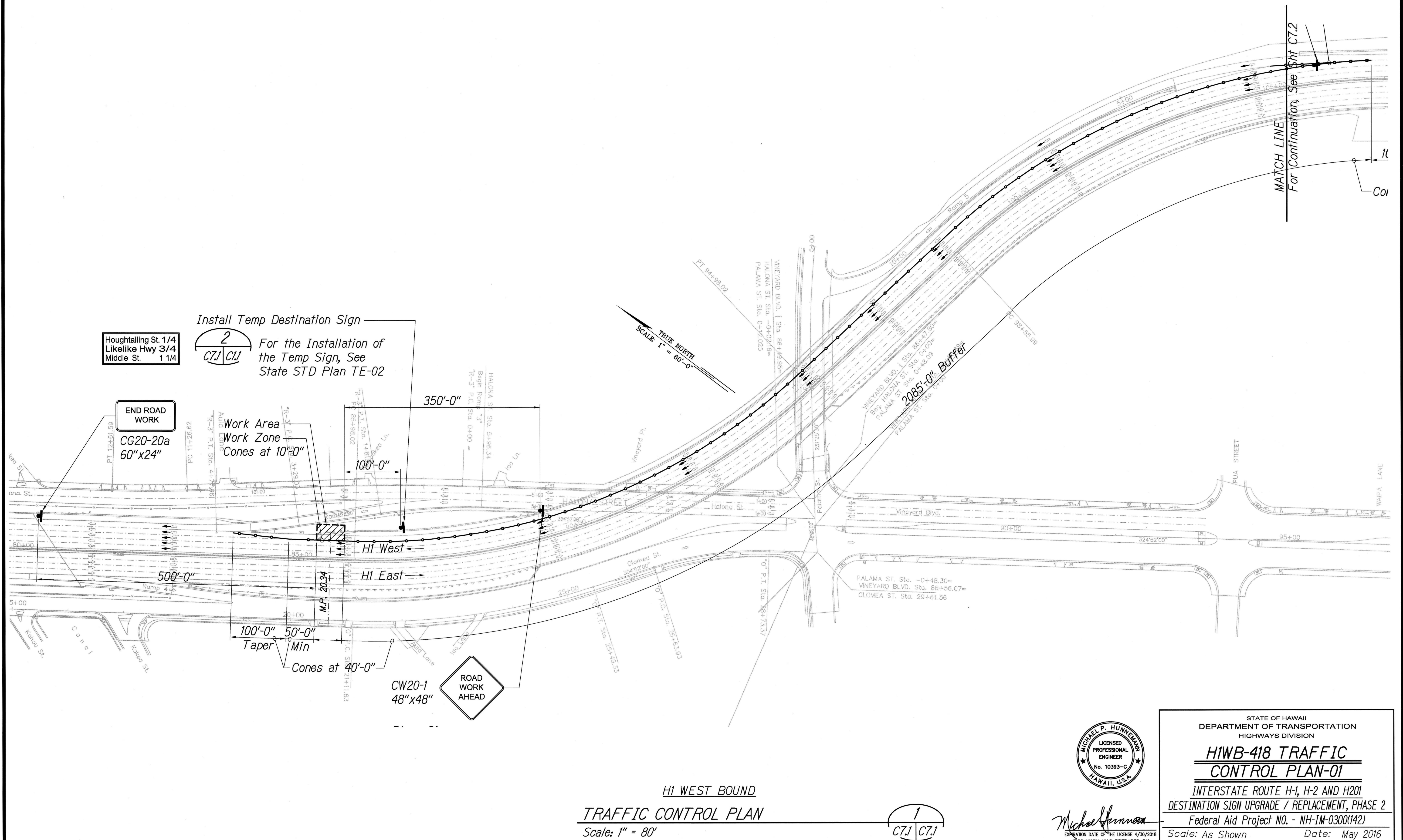
HI WEST BOUND  
TRAFFIC CONTROL PLAN - NON-WORKING HOURS  
Scale: 1" = 80'

**Michael P. Hummermann**  
LICENSED PROFESSIONAL ENGINEER  
No. 10393-C  
HAWAII, U.S.A.  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

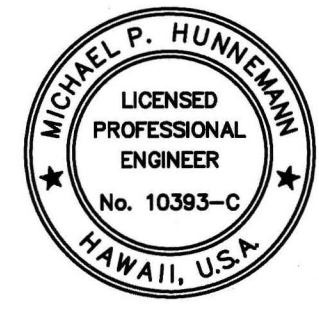
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**HIWB-418 TRAFFIC CONTROL PLAN - NON-WORKING HOURS**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C7.0 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	128	191



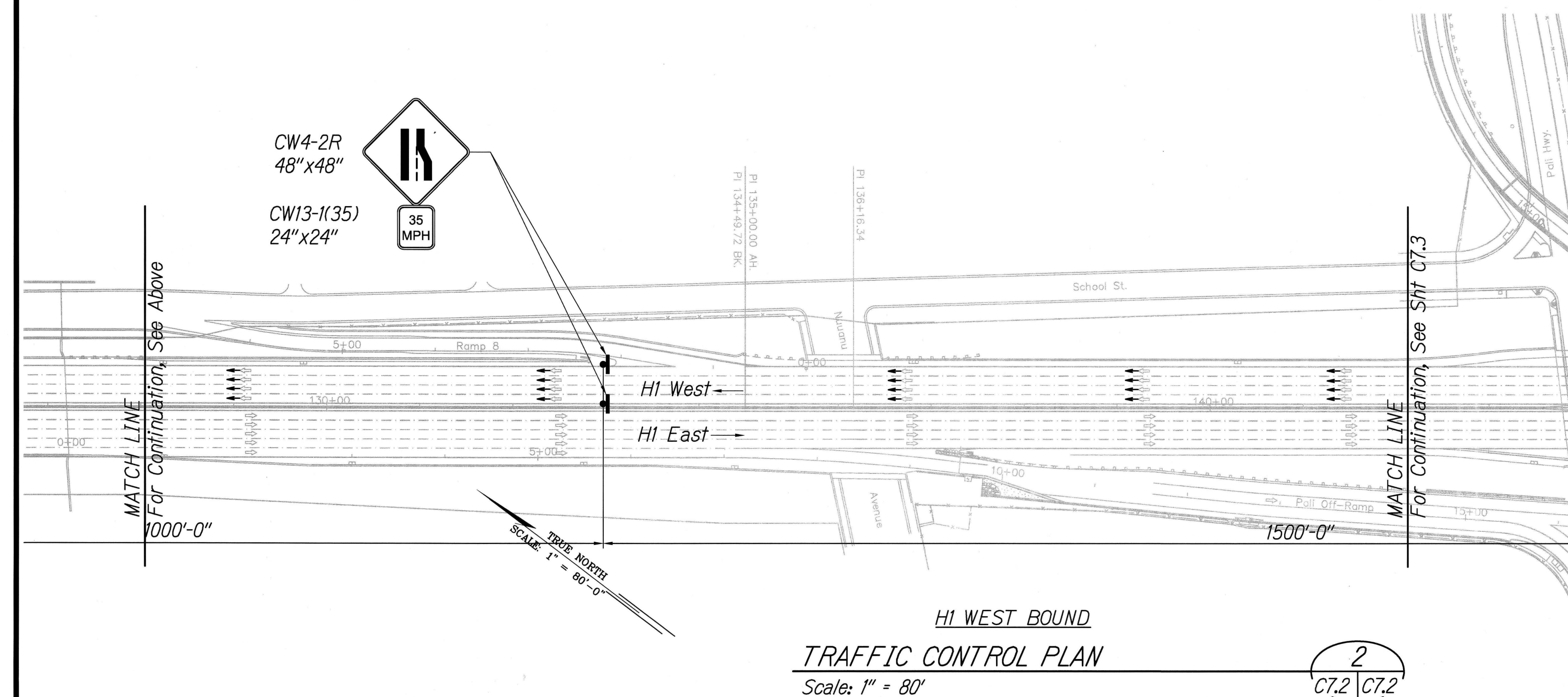
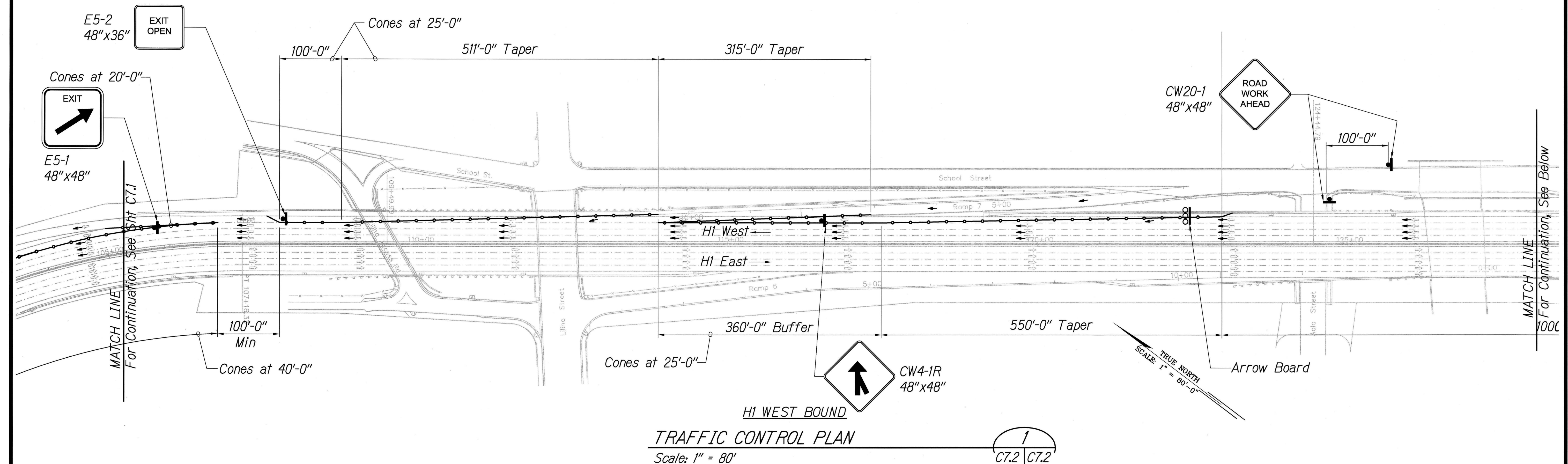
HI WEST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**HIWB-418 TRAFFIC CONTROL PLAN-01**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C7.1 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	129	191



*Michael P. Hummel*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

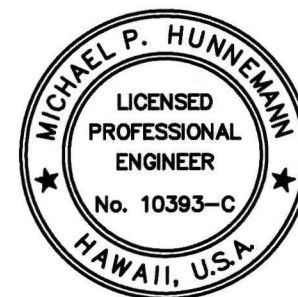
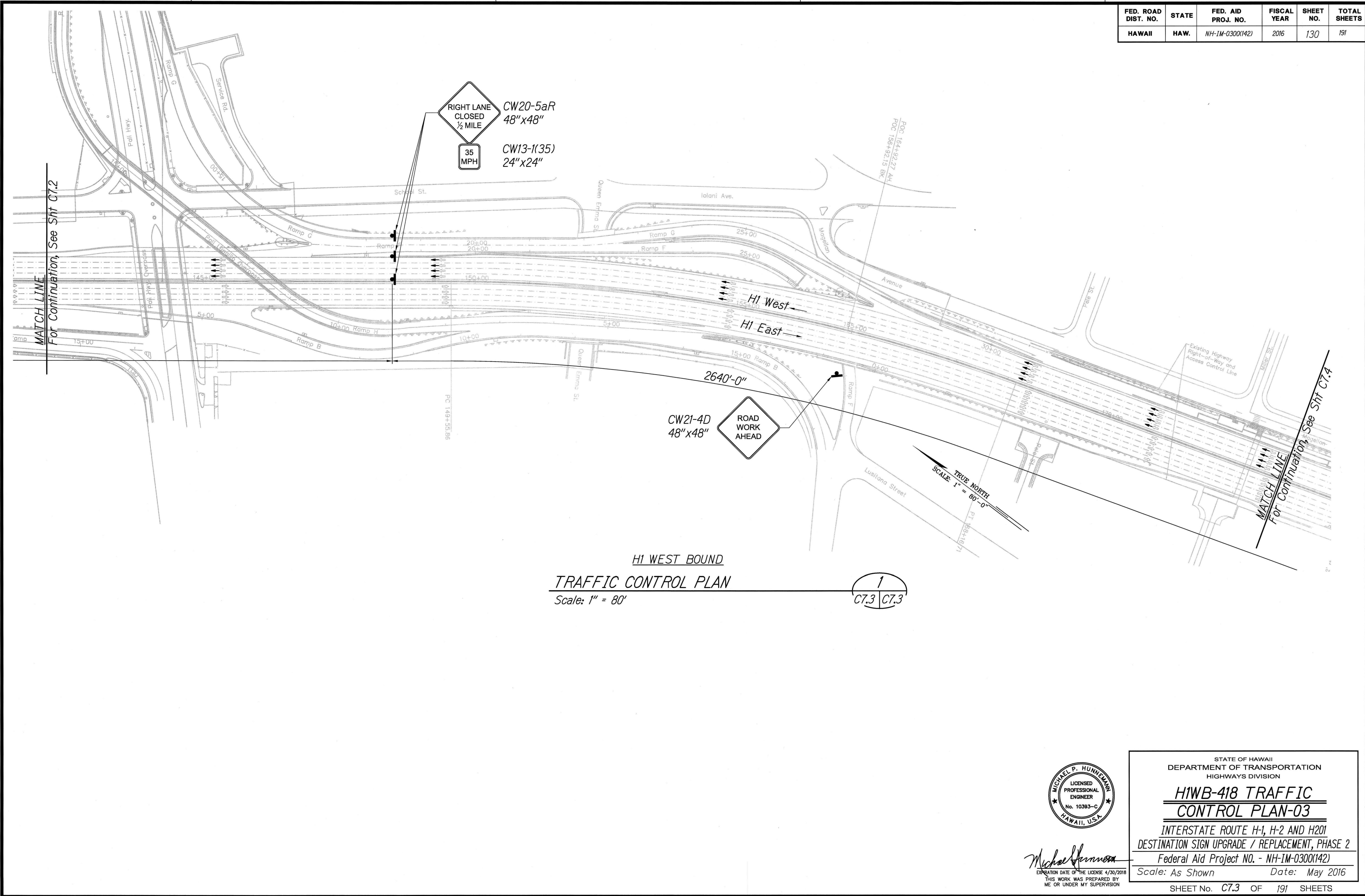
**H1WB-418 TRAFFIC  
CONTROL PLAN-02**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

SHEET No. C7.2 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	130	191

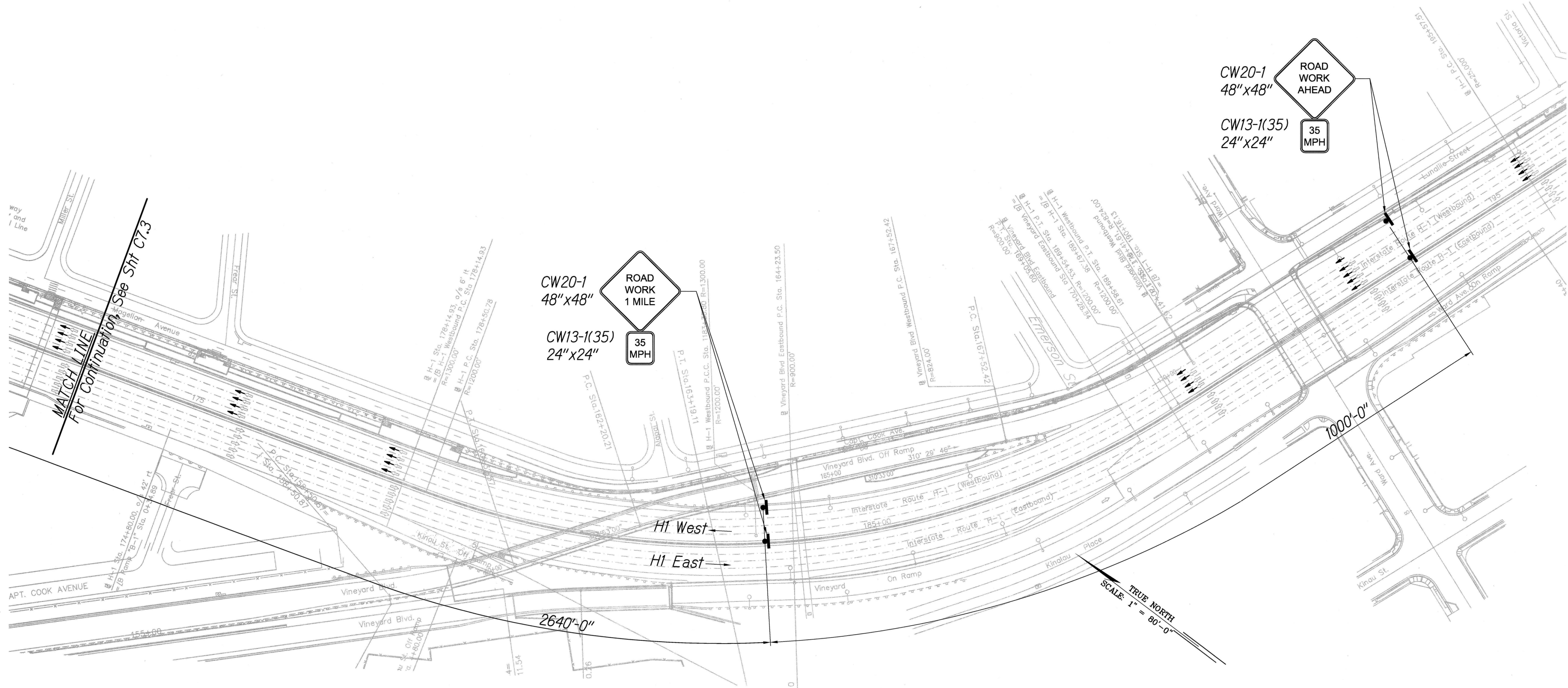


*Michel P. Hunneman*  
EXPIRATION DATE OF THE LICENSE: 4/30/2016  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
  
**H1WB-418 TRAFFIC  
CONTROL PLAN-03**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)  
Scale: As Shown Date: May 2016  
  
SHEET No. C7.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	131	191



H1 WEST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'



*Michael P. Hummelmann*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWB-418 TRAFFIC  
CONTROL PLAN-04**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown      Date: May 2016

SHEET No. C7.4 OF 191 SHEETS








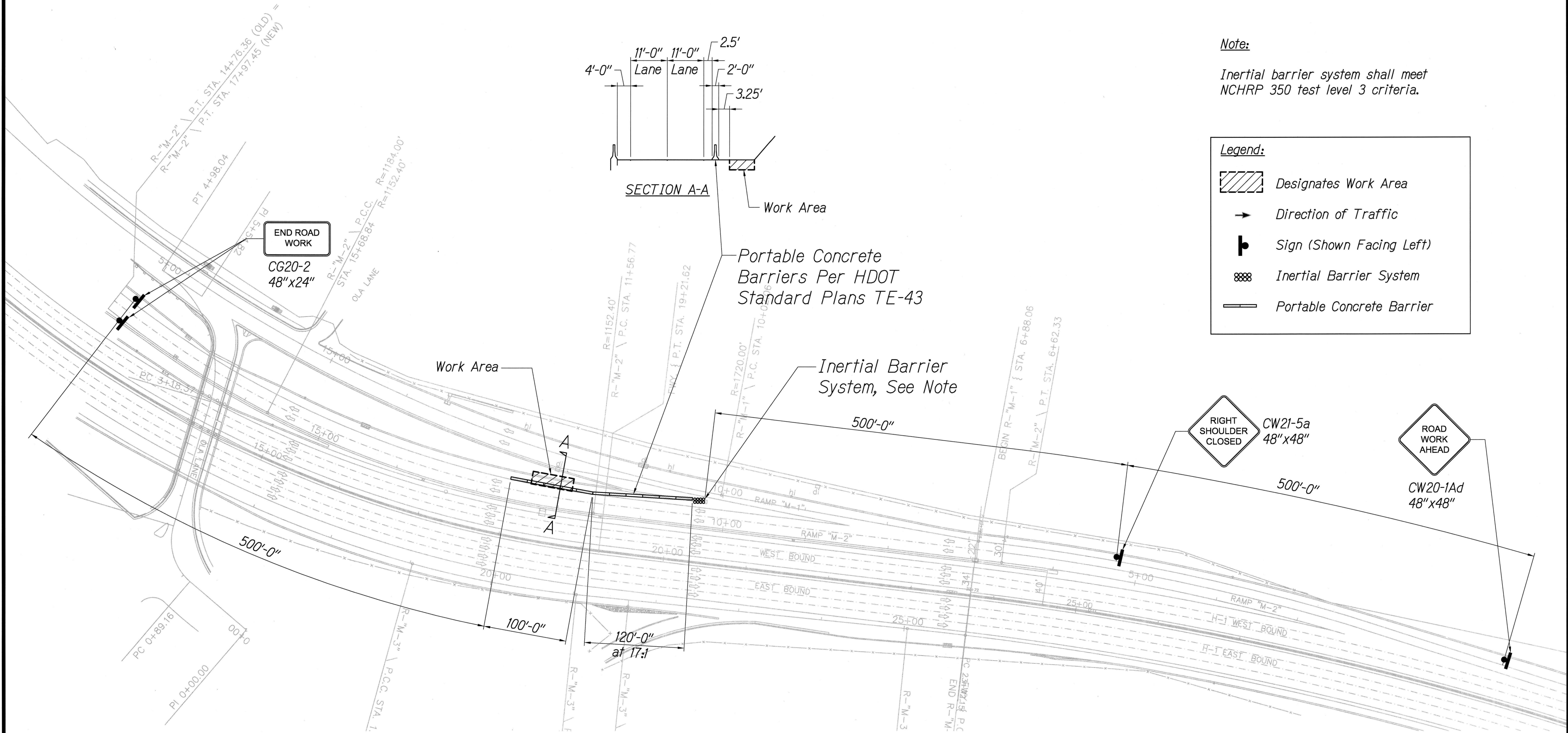
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	132	191

Note:

Inertial barrier system shall meet NCHRP 350 test level 3 criteria.

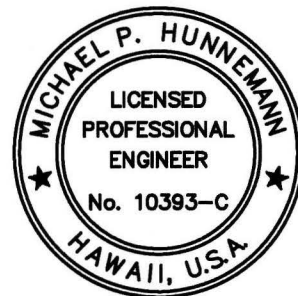
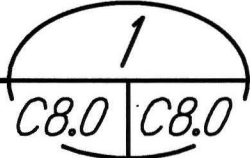
Legend:

-  Designates Work Area
-  Direction of Traffic
-  Sign (Shown Facing Left)
-  Inertial Barrier System
-  Portable Concrete Barrier



H1WB-424 TRAFFIC CONTROL - NON-WORKING HOURS

Scale: 1" = 60'



*Michael P. Hunnemann*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**H1WB-424 TRAFFIC CONTROL  
PLAN - NON-WORKING HOURS**

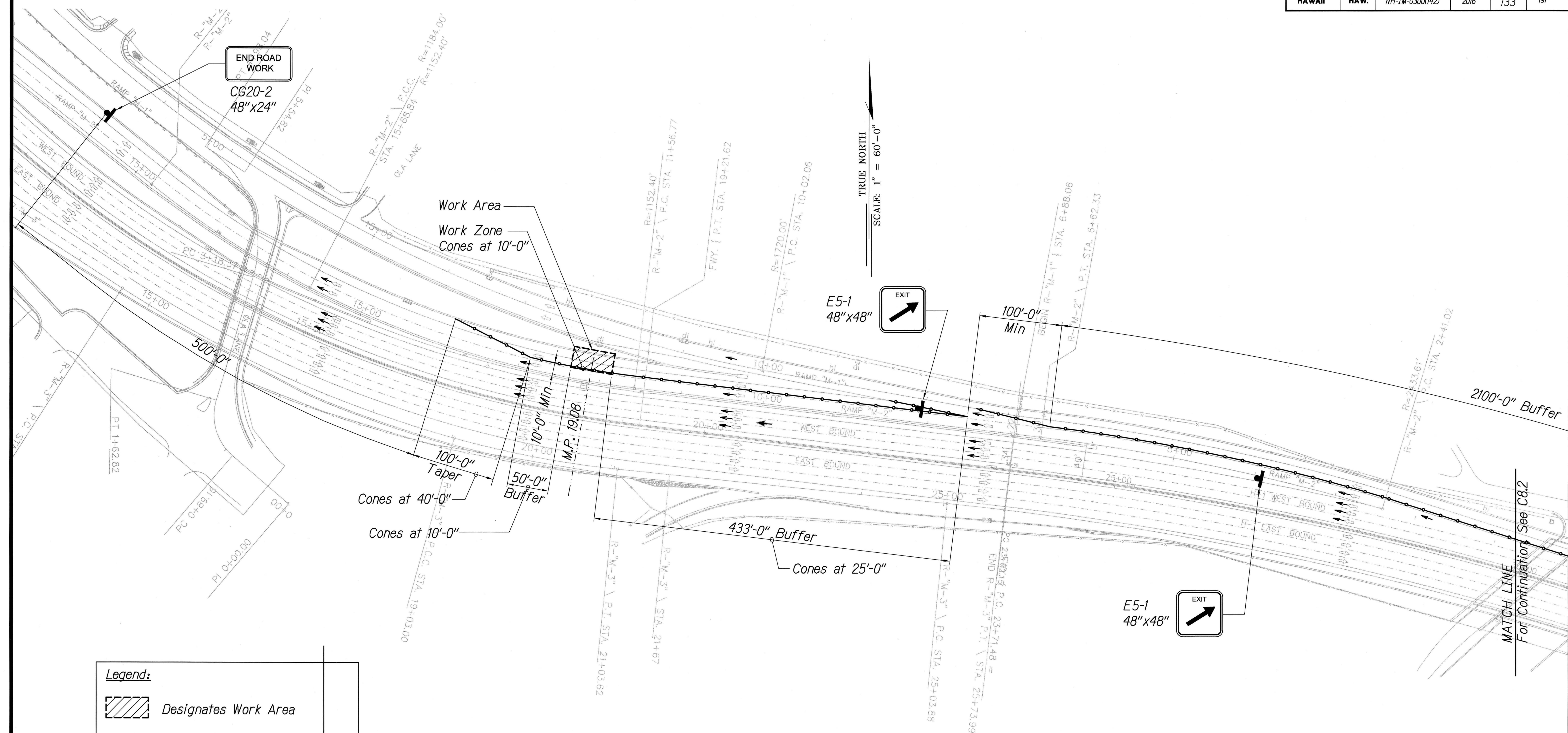
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C8.0 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	133	191



**Legend:**

- Designates Work Area
- Retro Reflective Cone
- Direction of Traffic
- Arrow Board
- Sign (Shown Facing Left)

HIWB-424 TRAFFIC CONTROL PLAN-01  
Scale: 1" = 60'

1  
C8.1 C8.1



Michael P. Hummermann  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIWB-424 TRAFFIC  
CONTROL PLAN-01 PHASE 1**

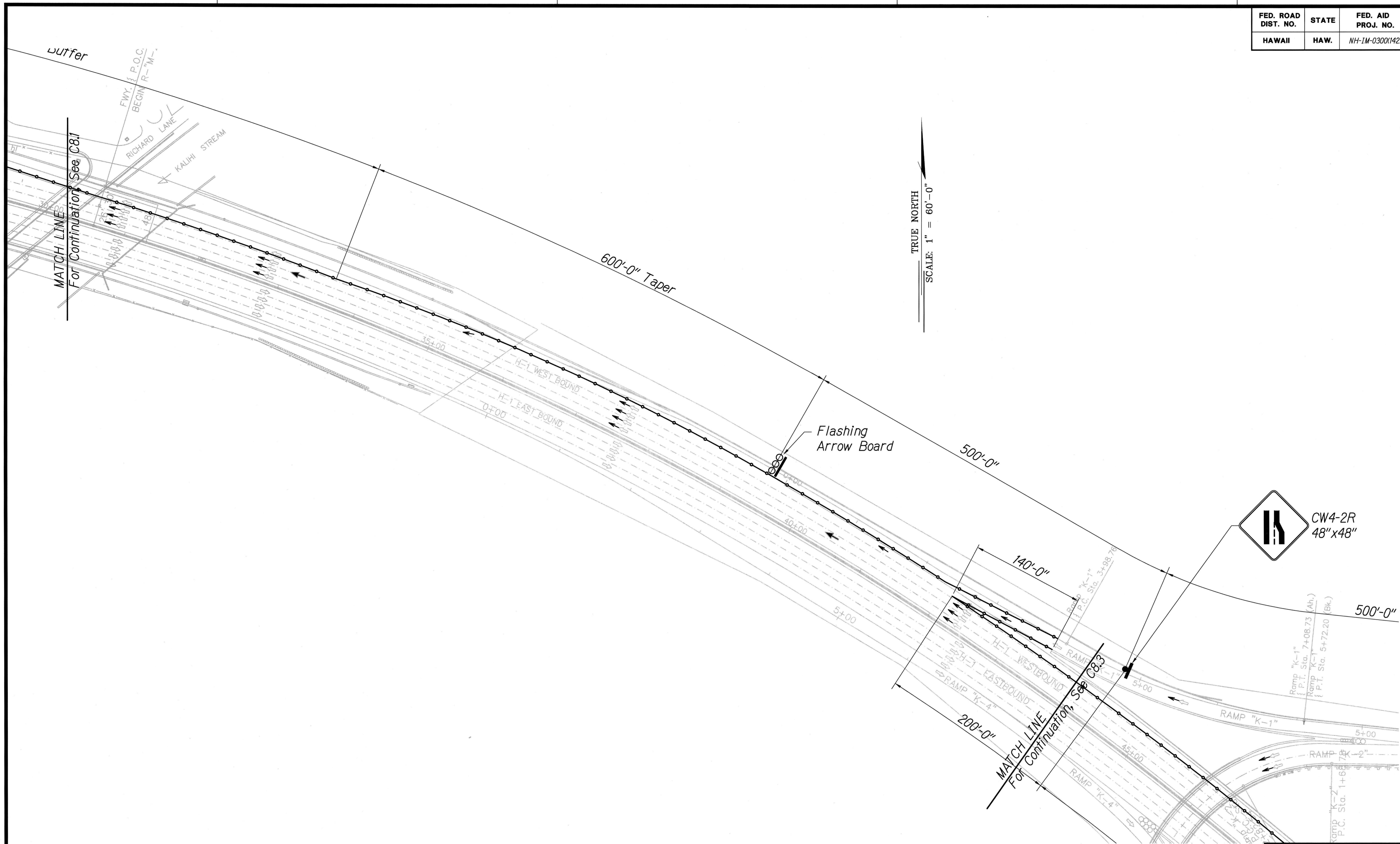
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C8.1 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	134	191



HIWB-424 TRAFFIC CONTROL PLAN-02

Scale: 1" = 60'

1  
C8.2 C8.2



Michael P. Hunneymann  
EXPIRATION DATE OF THE LICENSE: 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIWB-424 TRAFFIC  
CONTROL PLAN-02 PHASE 1**

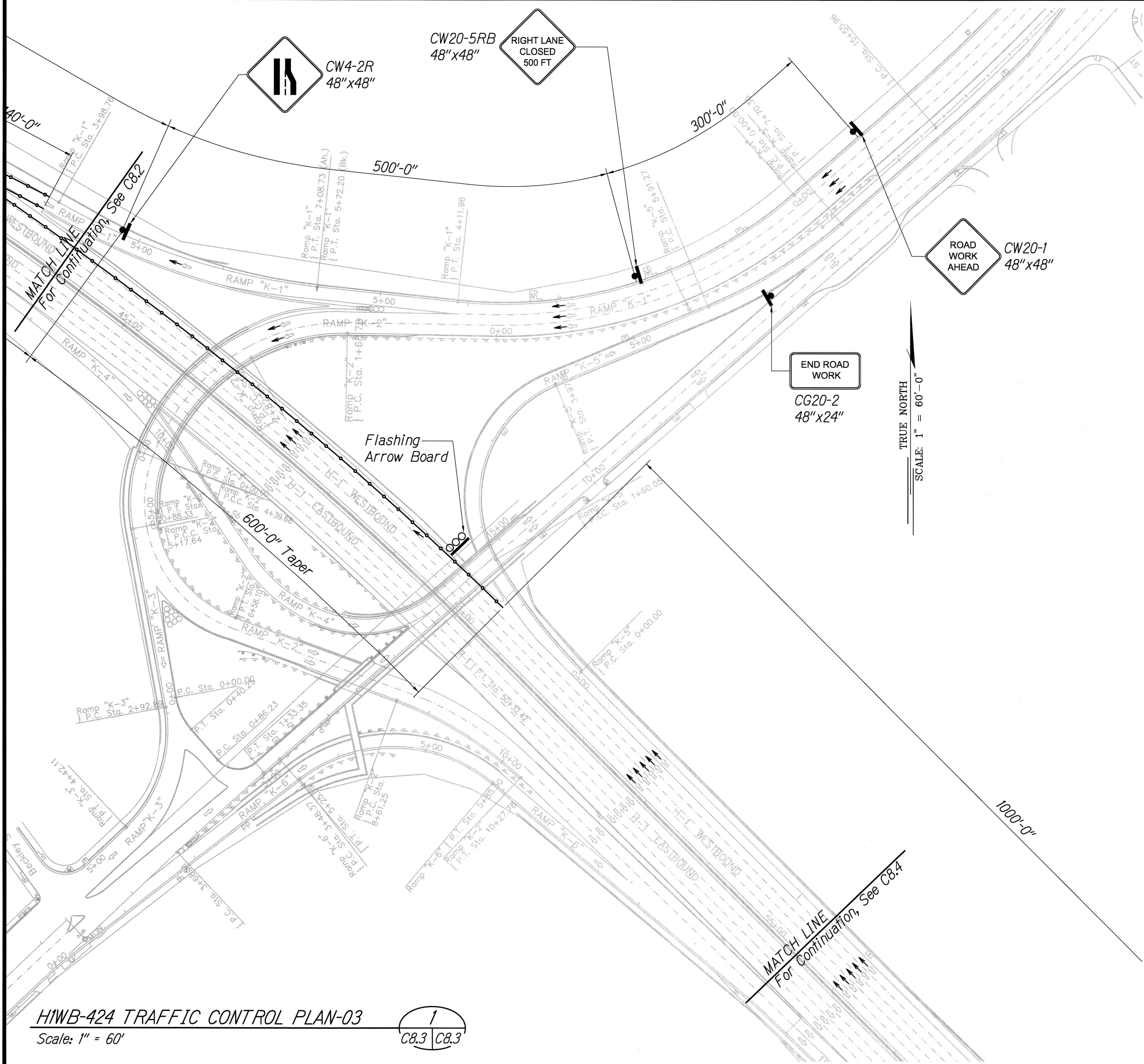
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C8.2 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	135	191



HIWB-424 TRAFFIC CONTROL PLAN-03  
Scale: 1" = 60'

1  
C8.3 C8.3

Michael P. Hummelmann  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIWB-424 TRAFFIC  
CONTROL PLAN-03 PHASE 1**

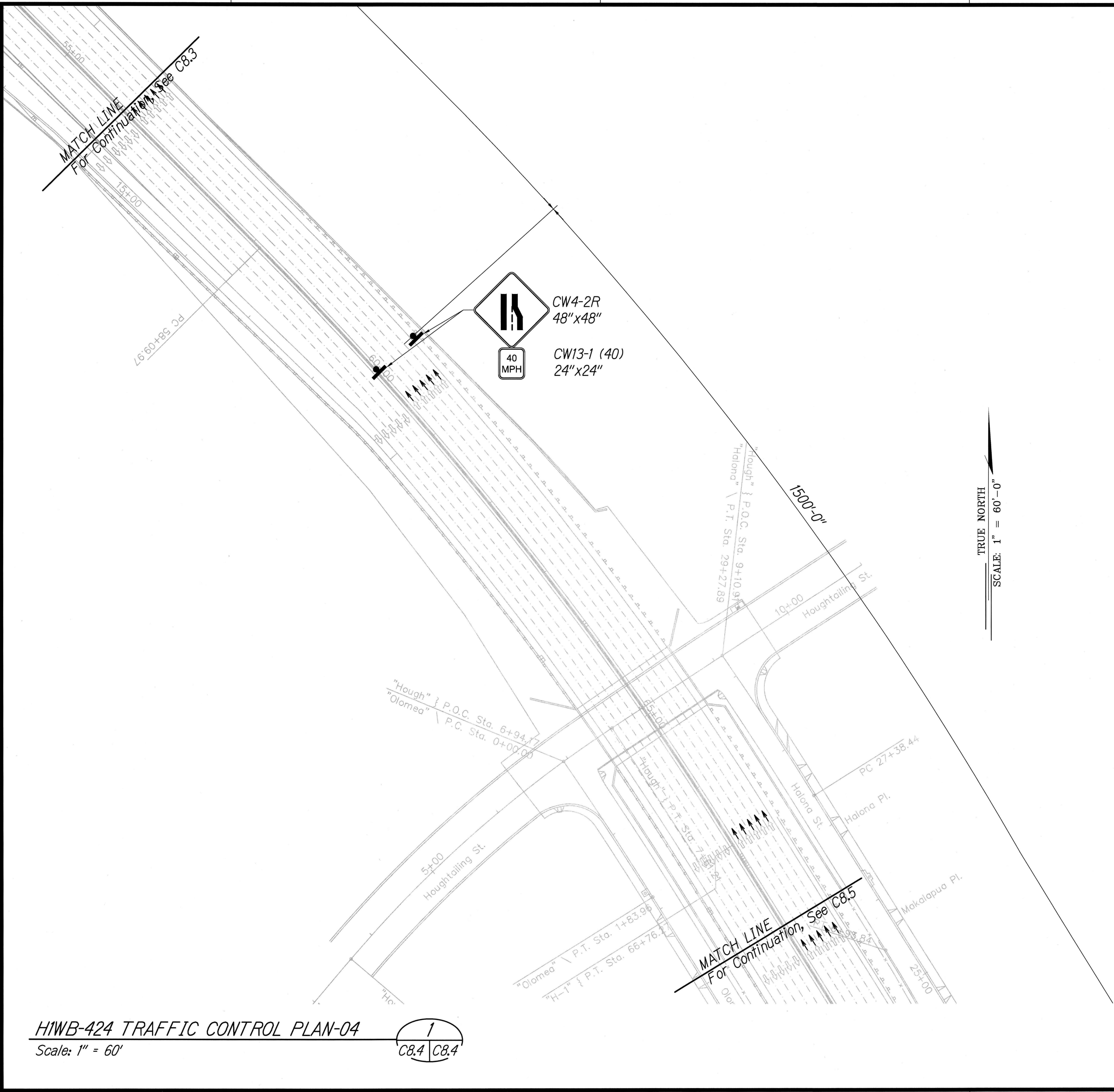
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C8.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	136	191



HIWB-424 TRAFFIC CONTROL PLAN-04  
Scale: 1" = 60'

1  
C8.4 C8.4



Michael P. Hummer  
EXPIRATION DATE OF THE LICENSE: 4/30/2016  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

HIWB-424 TRAFFIC  
CONTROL PLAN-04 PHASE 1

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown      Date: May 2016

SHEET No. C8.4 OF 191 SHEETS



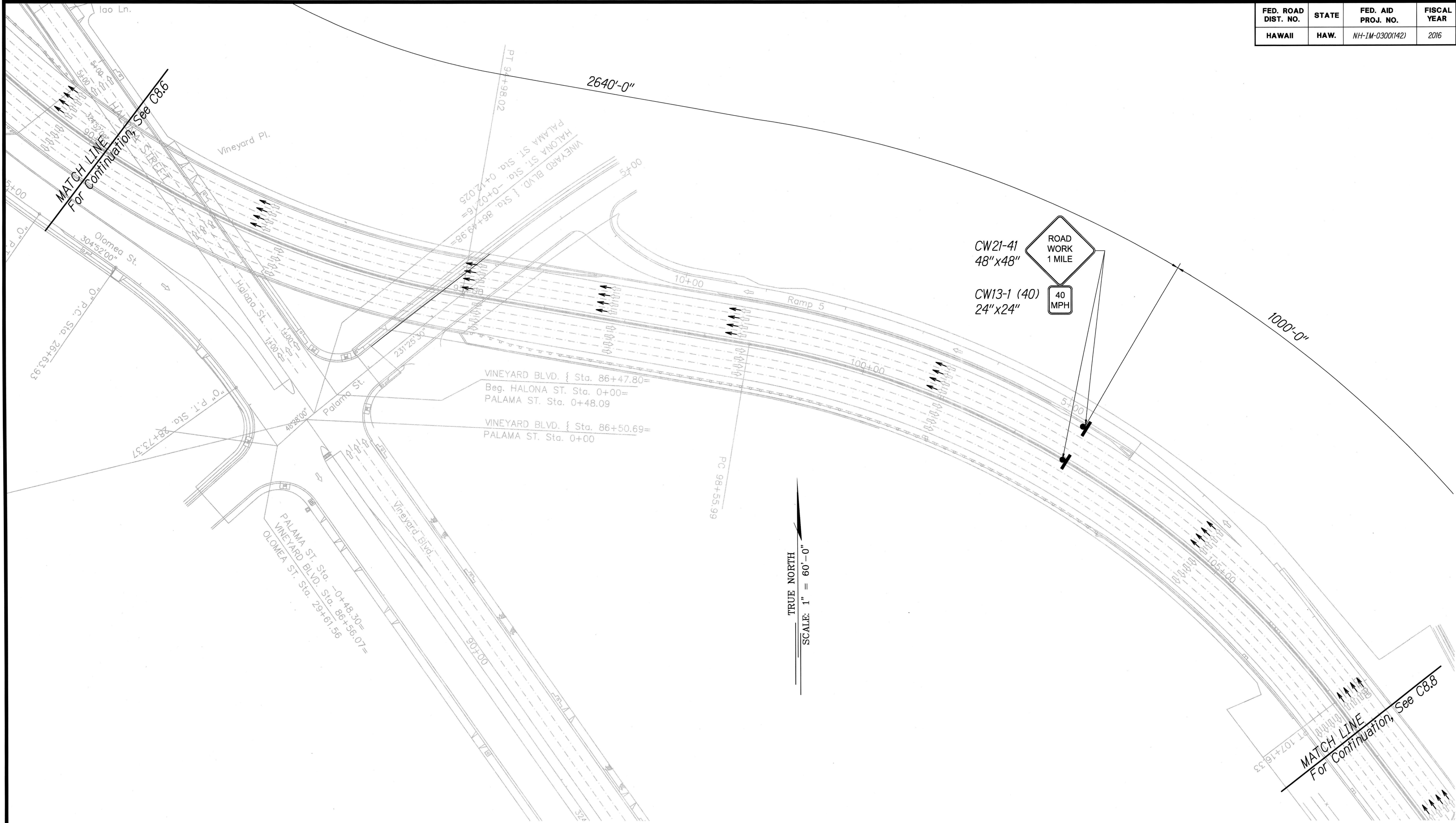






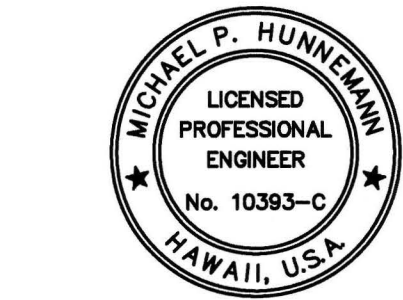


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	139	191



HIWB-424 TRAFFIC CONTROL PLAN-07  
 Scale: 1" = 60'

1  
C8.7 C8.7



*Michael P. Hunneman*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**HIWB-424 TRAFFIC  
 CONTROL PLAN-07 PHASE 1**

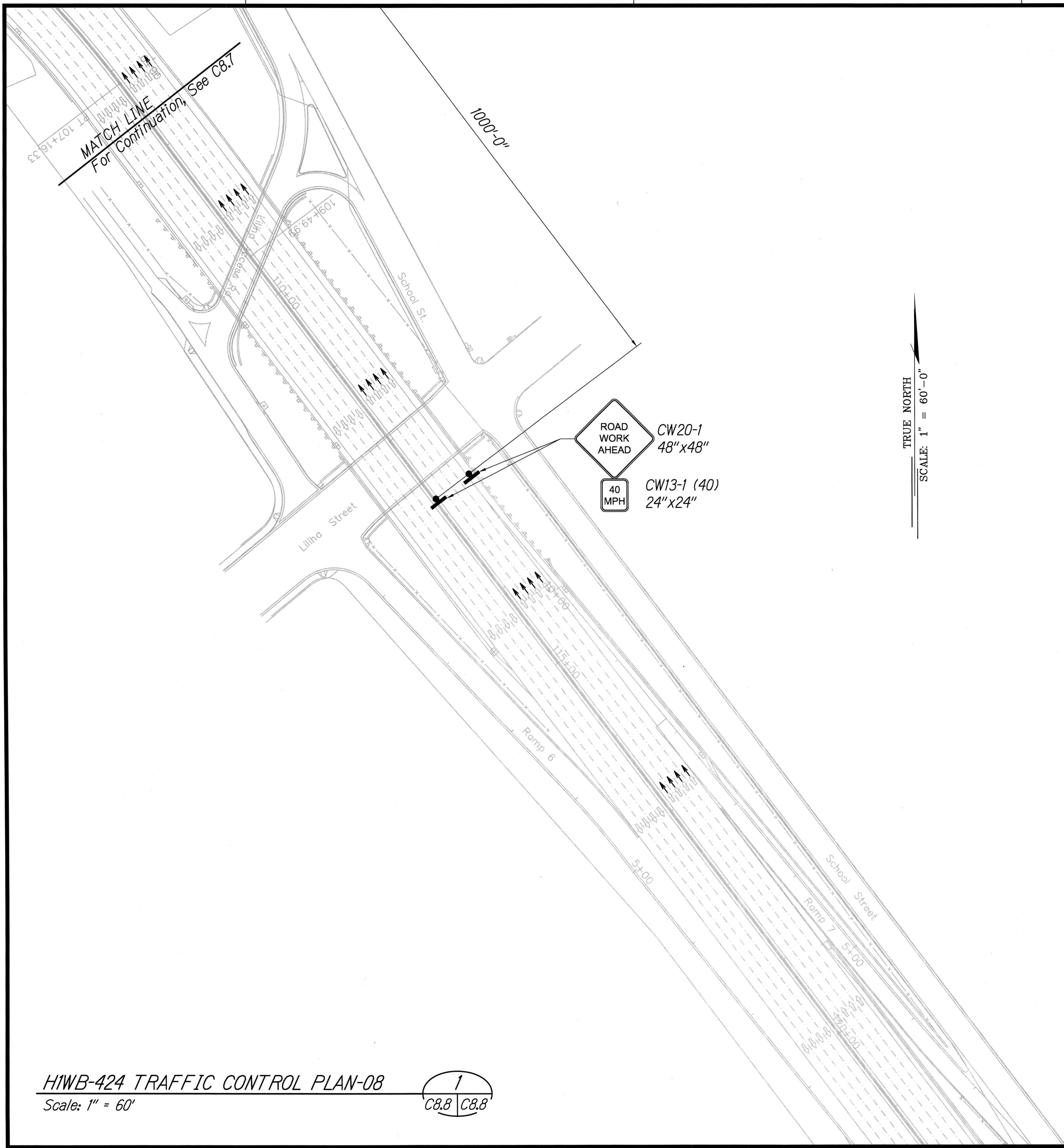
INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown      Date: May 2016

SHEET No. C8.7 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	140	191



H1WB-424 TRAFFIC CONTROL PLAN-08  
Scale: 1" = 60'

1  
C8.8 C8.8



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2016  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**H1WB-424 TRAFFIC  
CONTROL PLAN-08 PHASE 1**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

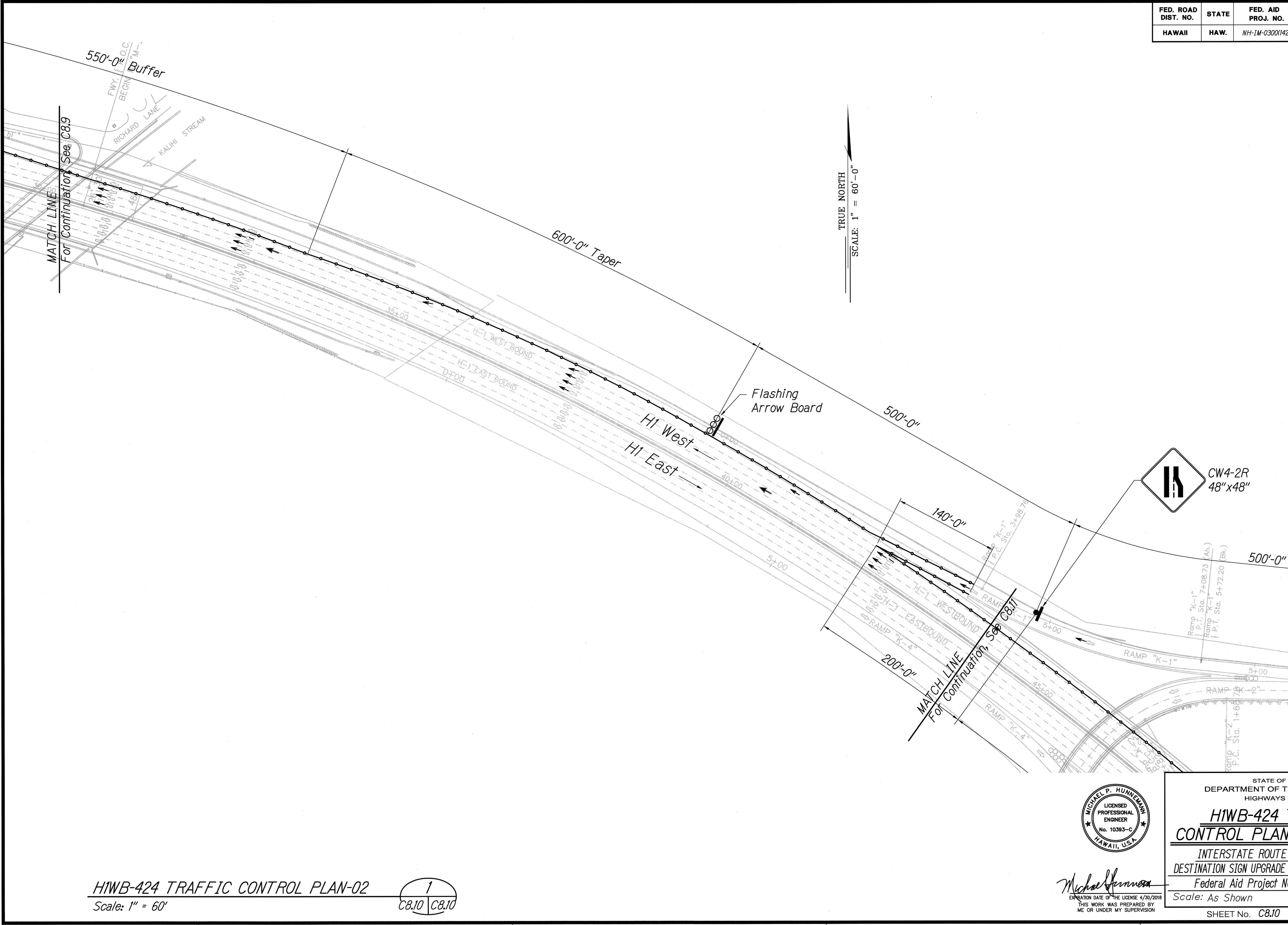
SHEET No. C8.8 OF 191 SHEETS





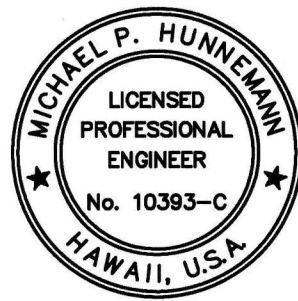
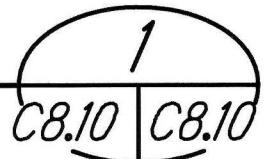


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	142	191



HIWB-424 TRAFFIC CONTROL PLAN-02

Scale: 1" = 60'



Michael P. Hummelmann  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

HIWB-424 TRAFFIC  
CONTROL PLAN-02 PHASE 2

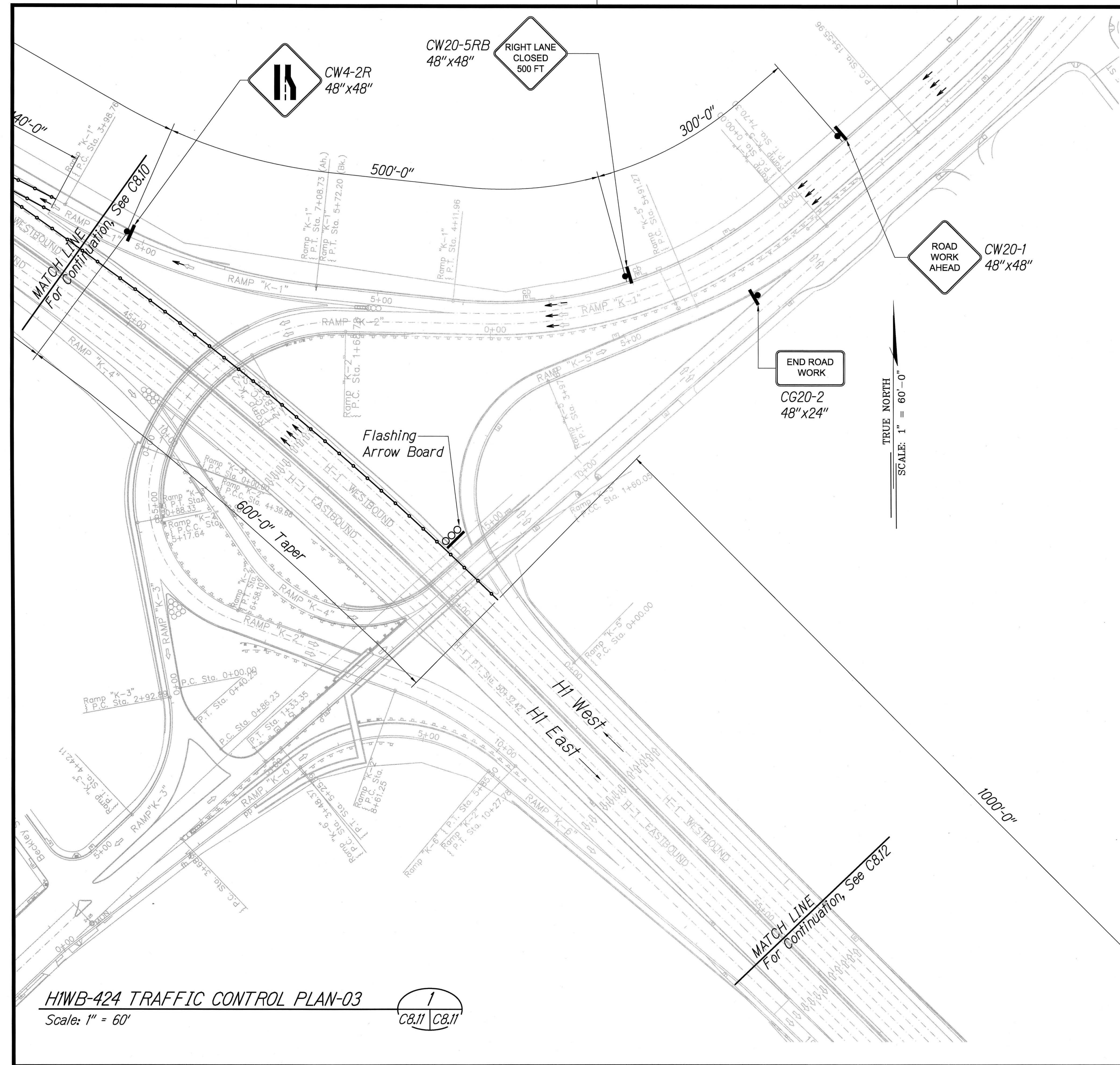
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

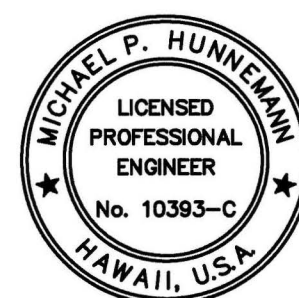
SHEET No. C8.10 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	143	191



HIWB-424 TRAFFIC CONTROL PLAN-03  
Scale: 1" = 60'



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIWB-424 TRAFFIC  
CONTROL PLAN-03 PHASE 2**

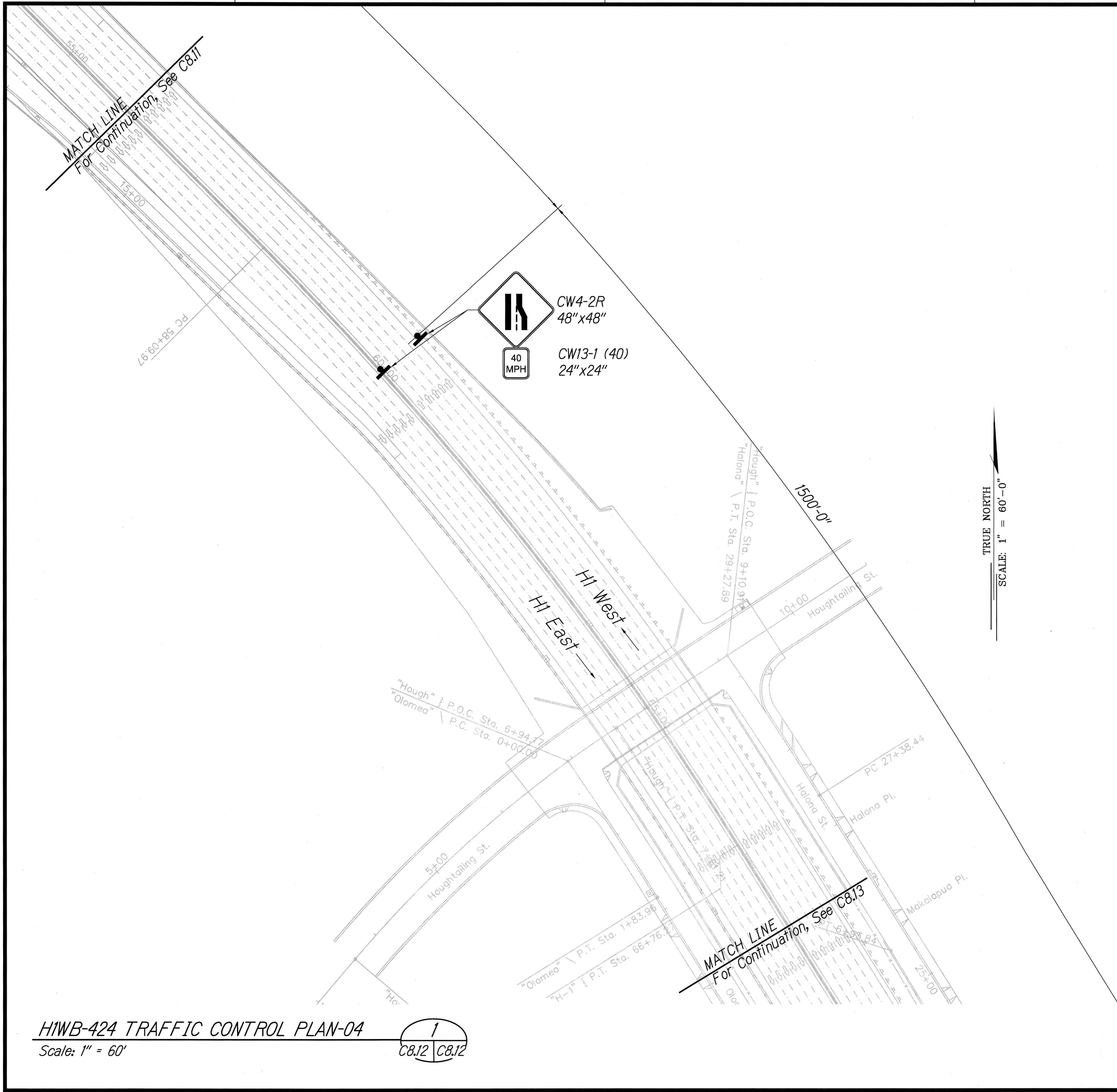
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C8.11 OF 191 SHEETS

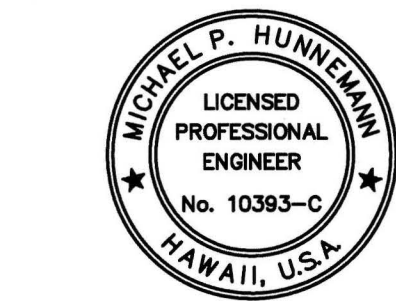


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	144	191



H1WB-424 TRAFFIC CONTROL PLAN-04  
 Scale: 1" = 60'

1  
 C8.12 C8.12

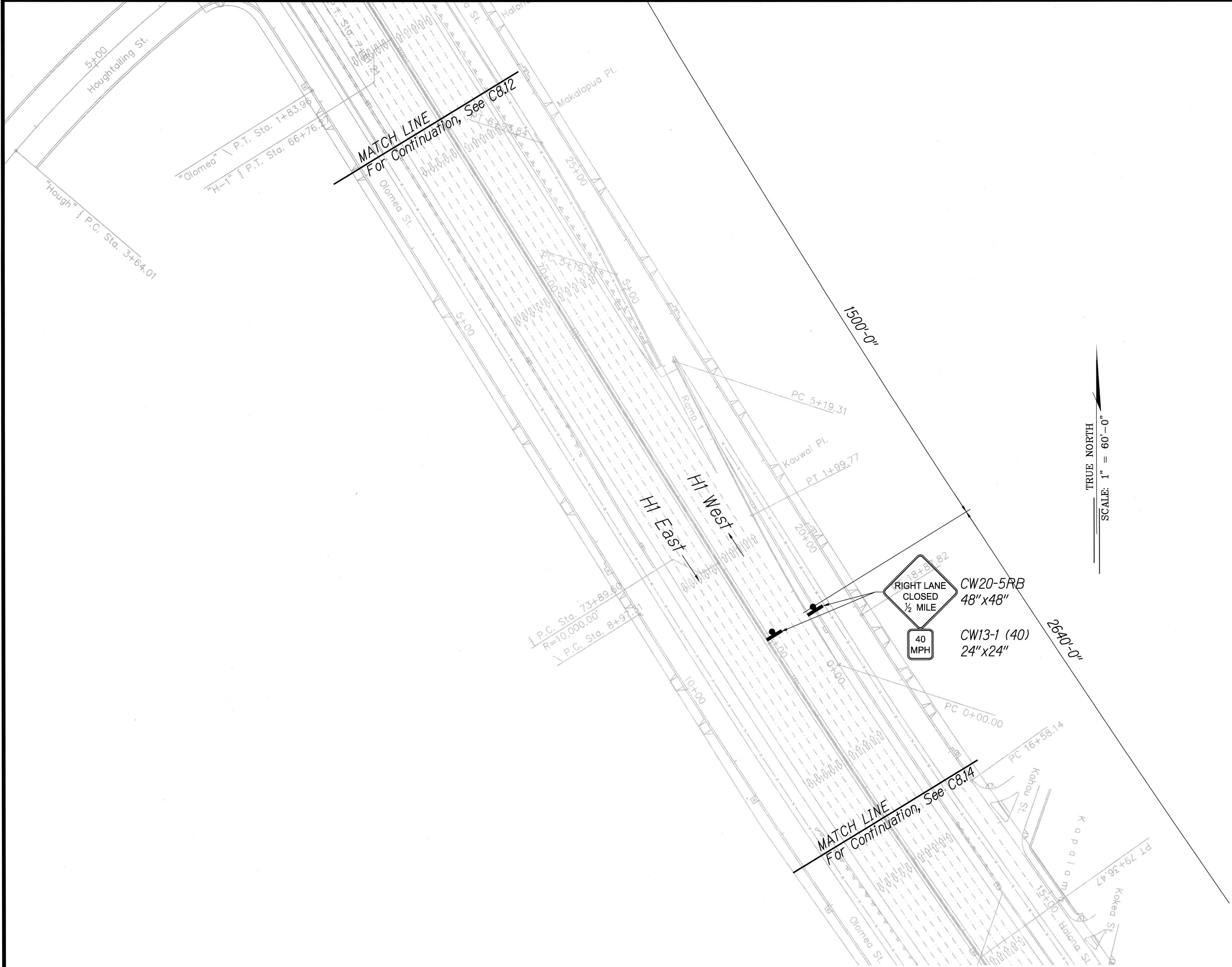


Michael P. Hunneman  
 EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY  
 ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**H1WB-424 TRAFFIC  
 CONTROL PLAN-04 PHASE 2**  
 INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)  
 Scale: As Shown      Date: May 2016  
 SHEET No. C8.12 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	145	191



HIWB-424 TRAFFIC CONTROL PLAN-05  
Scale: 1" = 60'

**MICHAEL P. HUNTER**  
LICENSED PROFESSIONAL ENGINEER  
No. 10393-C  
HAWAII, U.S.A.

*Michael Hunter*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIWB-424 TRAFFIC CONTROL PLAN-05 PHASE 2**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C813 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	146	191



HIWB-424 TRAFFIC CONTROL PLAN-06  
Scale: 1" = 60'



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HIWB-424 TRAFFIC CONTROL PLAN-06 PHASE 2**

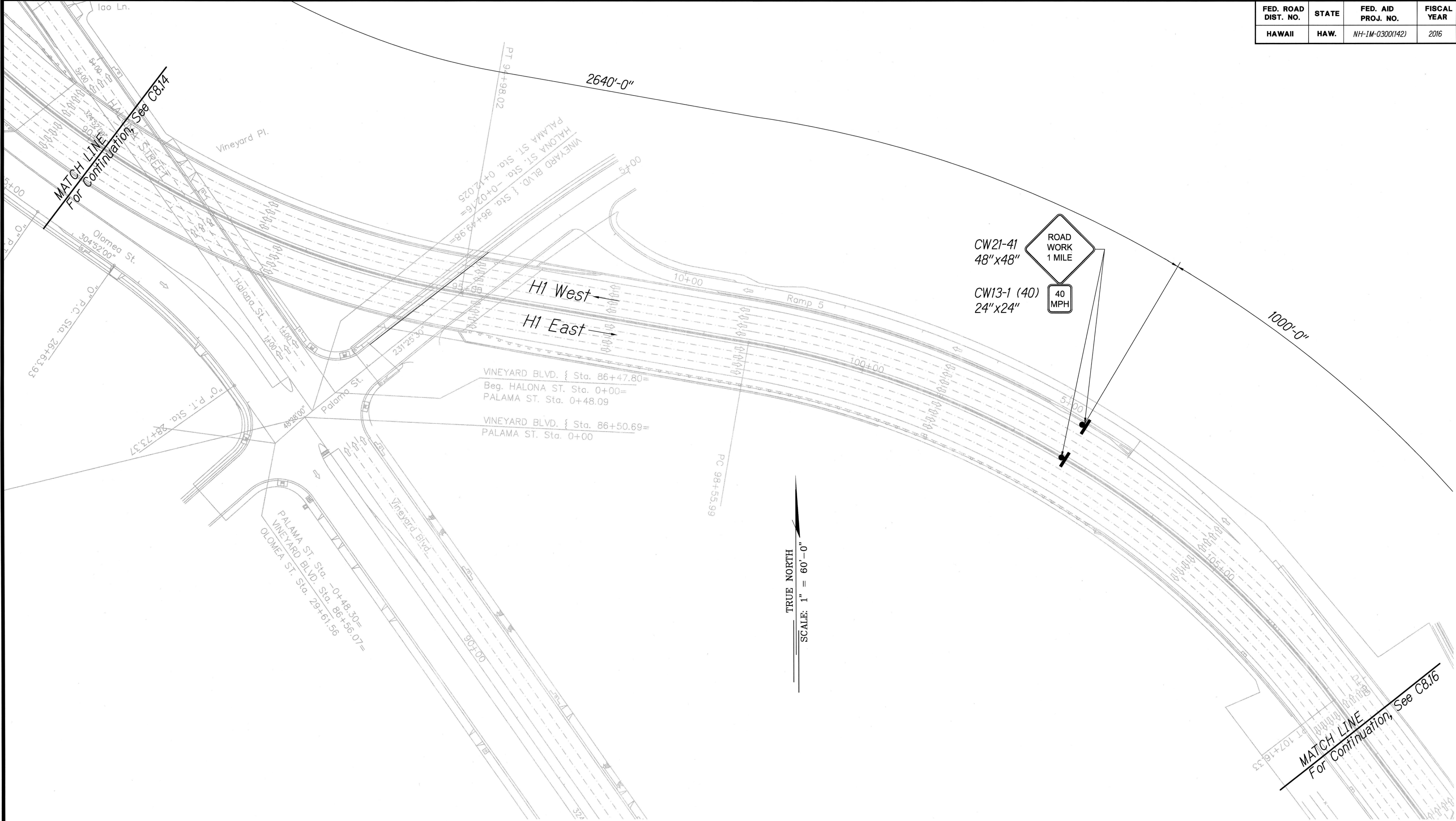
INTERSTATE ROUTE H-1, H-2 AND H-201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C8.14 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	147	191



HIWB-424 TRAFFIC CONTROL PLAN-07  
Scale: 1" = 60'  
C8.15 C8.15

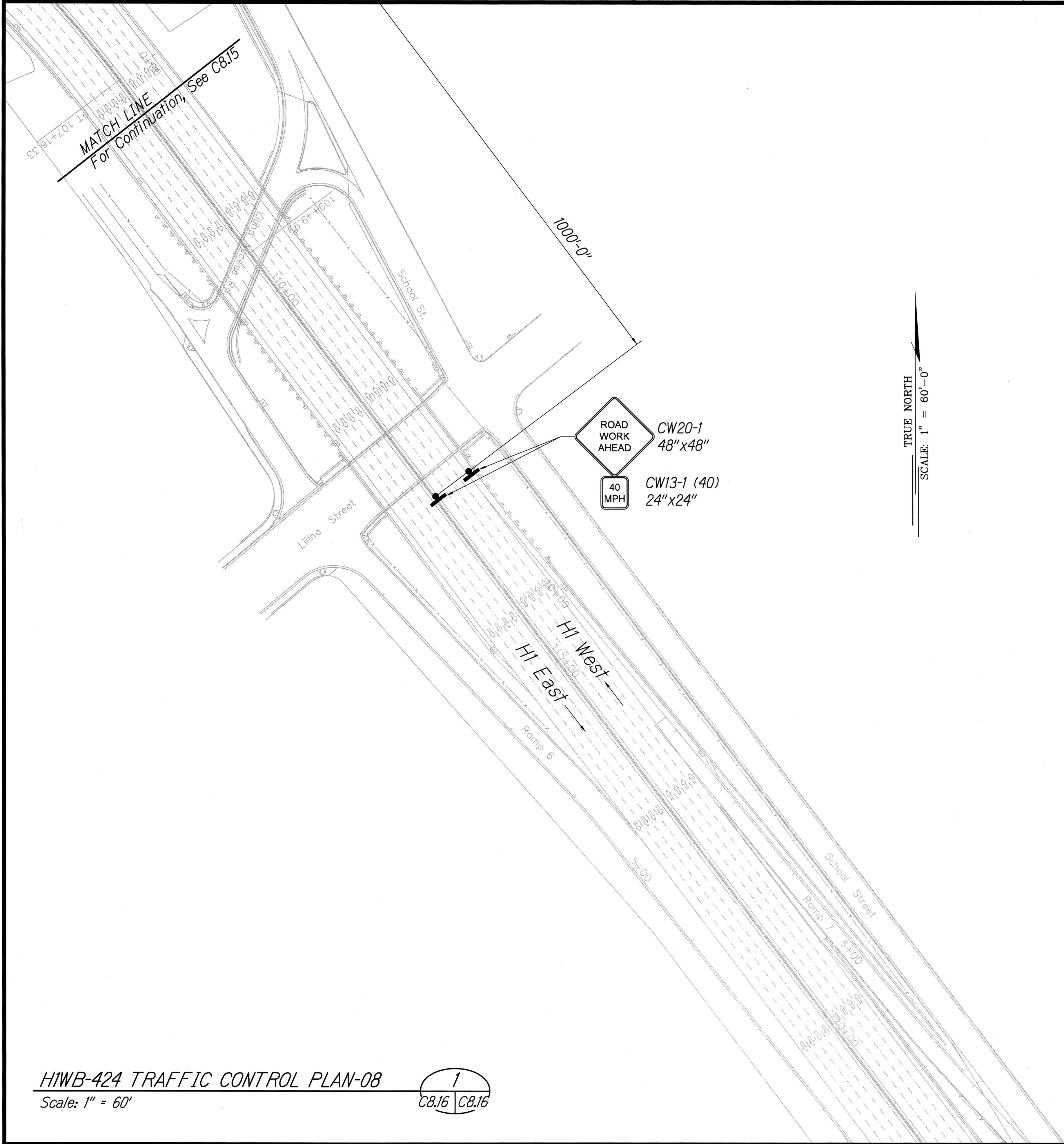


Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**HIWB-424 TRAFFIC  
CONTROL PLAN-07 PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C8.15 OF 191 SHEETS



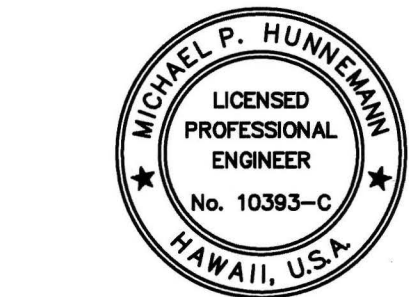
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	148	191



HIWB-424 TRAFFIC CONTROL PLAN-08  
 Scale: 1" = 60'

1

C8.16 | C8.16

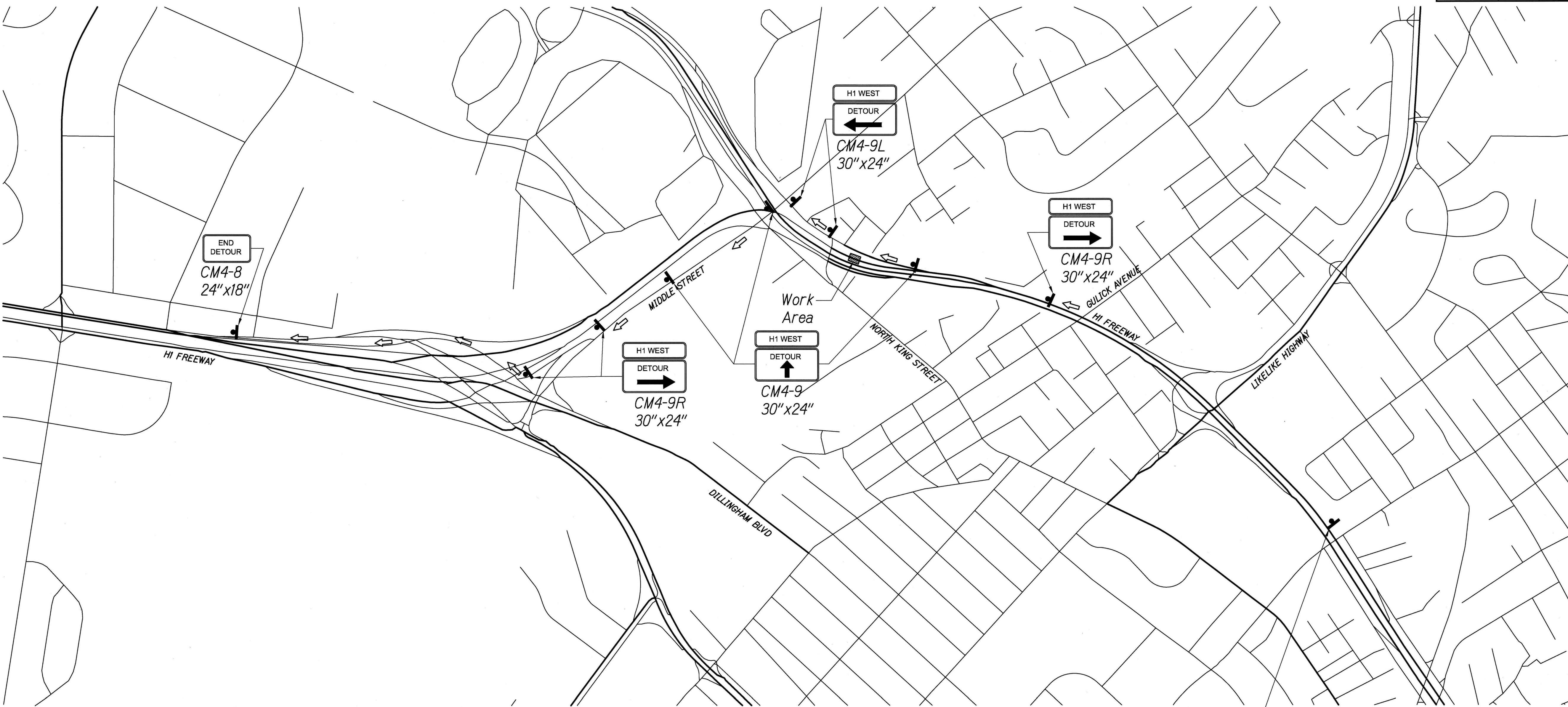


*Michael P. Hunneman*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY  
 ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
  
**HIWB-424 TRAFFIC  
CONTROL PLAN-08 PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)  
Scale: As Shown      Date: May 2016  
  
SHEET No. C8.16 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	149	191



Portable Changeable Message Sign:  
Provide Three (3) Days Prior to Ramp  
Closure and During Non-working Hours:

Phase 1	Phase 2
H1 WEST RAMP CLOSED	XX/XX/XX 10 PM TO 4 AM

Provide During Ramp Closure:

Phase 1	Phase 2
H1 WEST RAMP CLOSED	DETOUR TO AIRPORT

HIWB-424 TRAFFIC CONTROL PLAN PHASE 2 DETOUR  
Not To Scale

1  
C8.17 C8.17



Michael P. Huntman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

HIWB-424 TRAFFIC CONTROL  
PLAN - PHASE 2 DETOUR

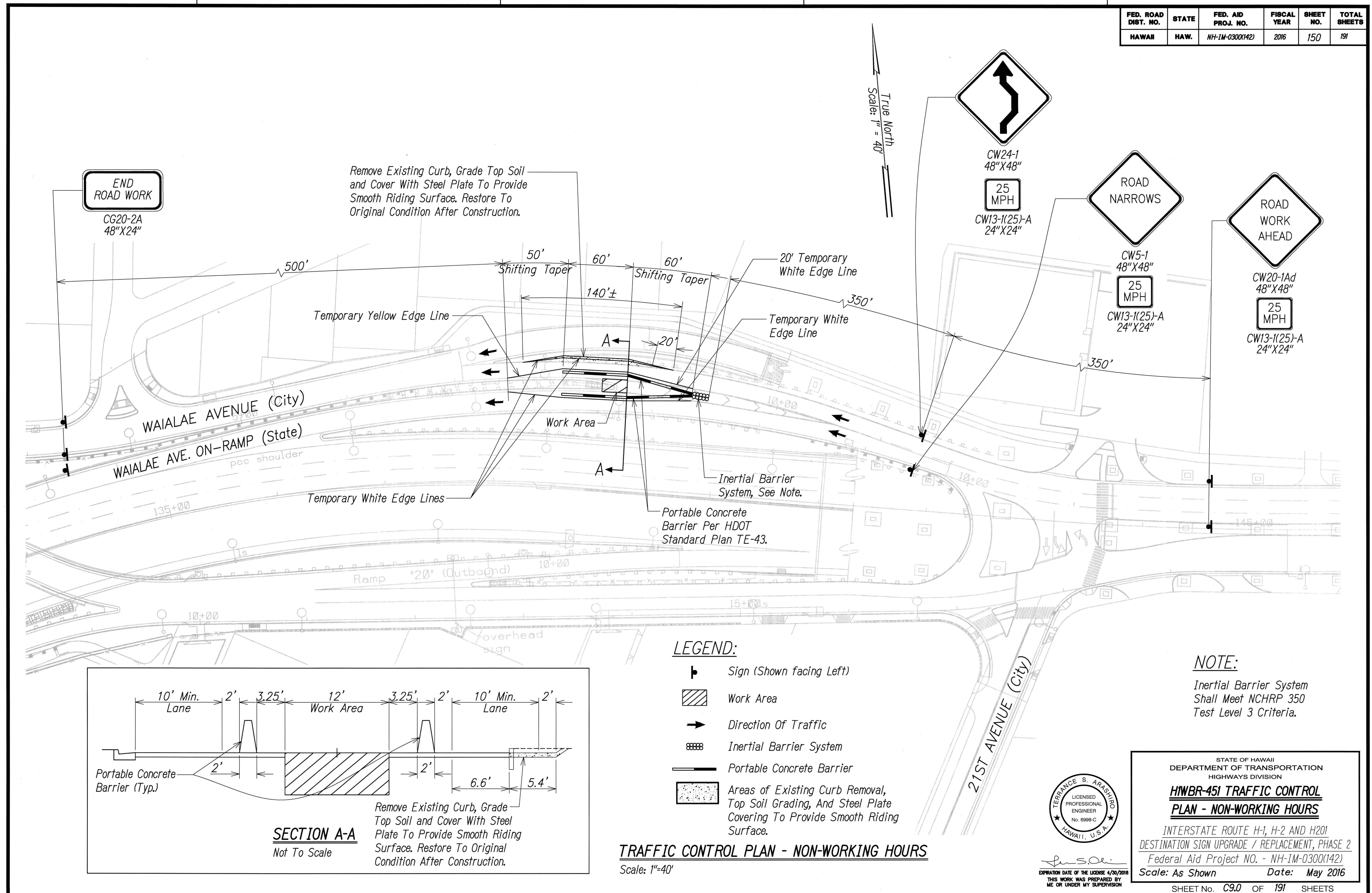
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C8.17 OF 191 SHEETS

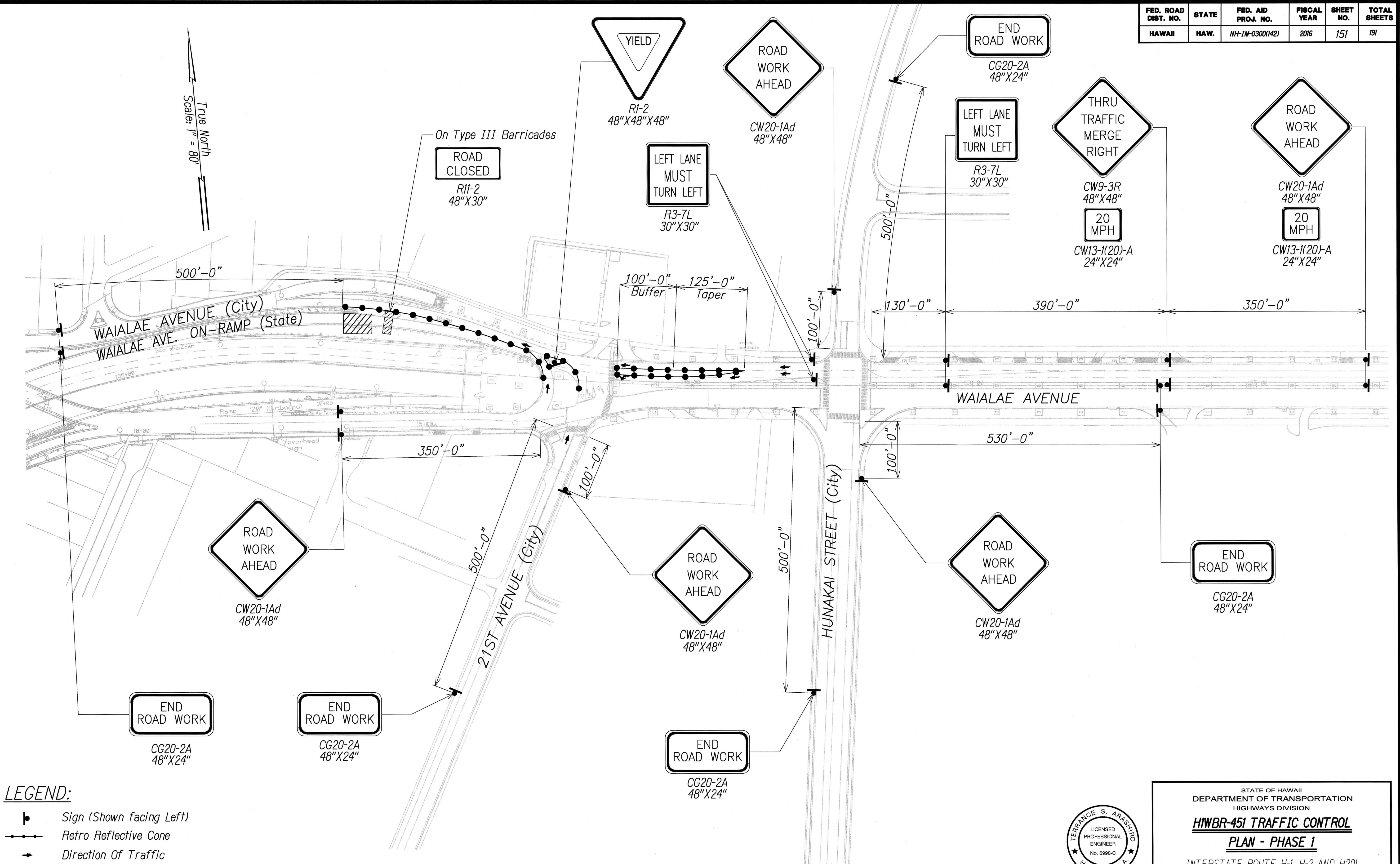


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	150	191





FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	151	191



**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'

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

EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWBR-451 TRAFFIC CONTROL**  
**PLAN - PHASE 1**

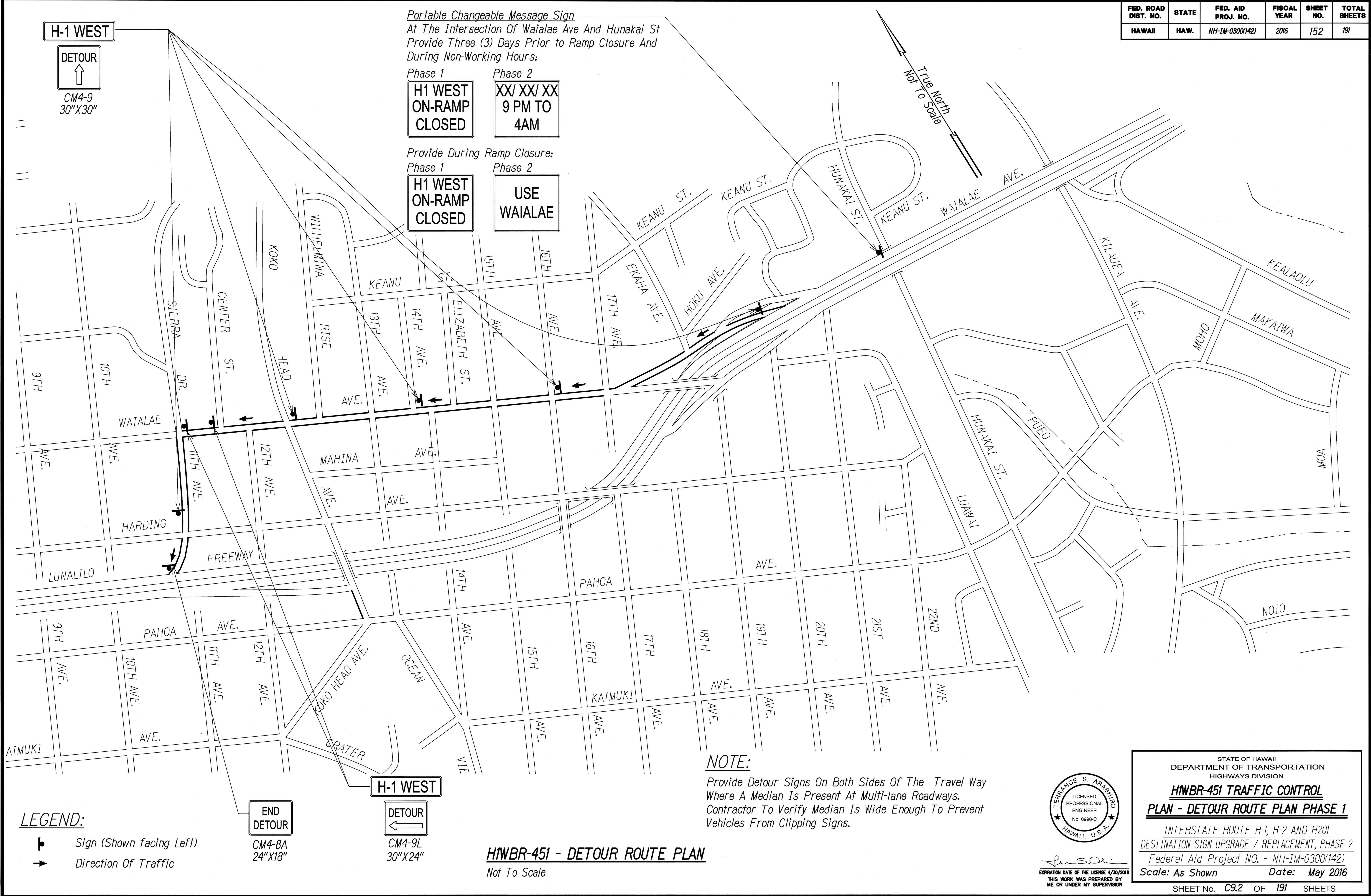
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C9J OF 191 SHEETS

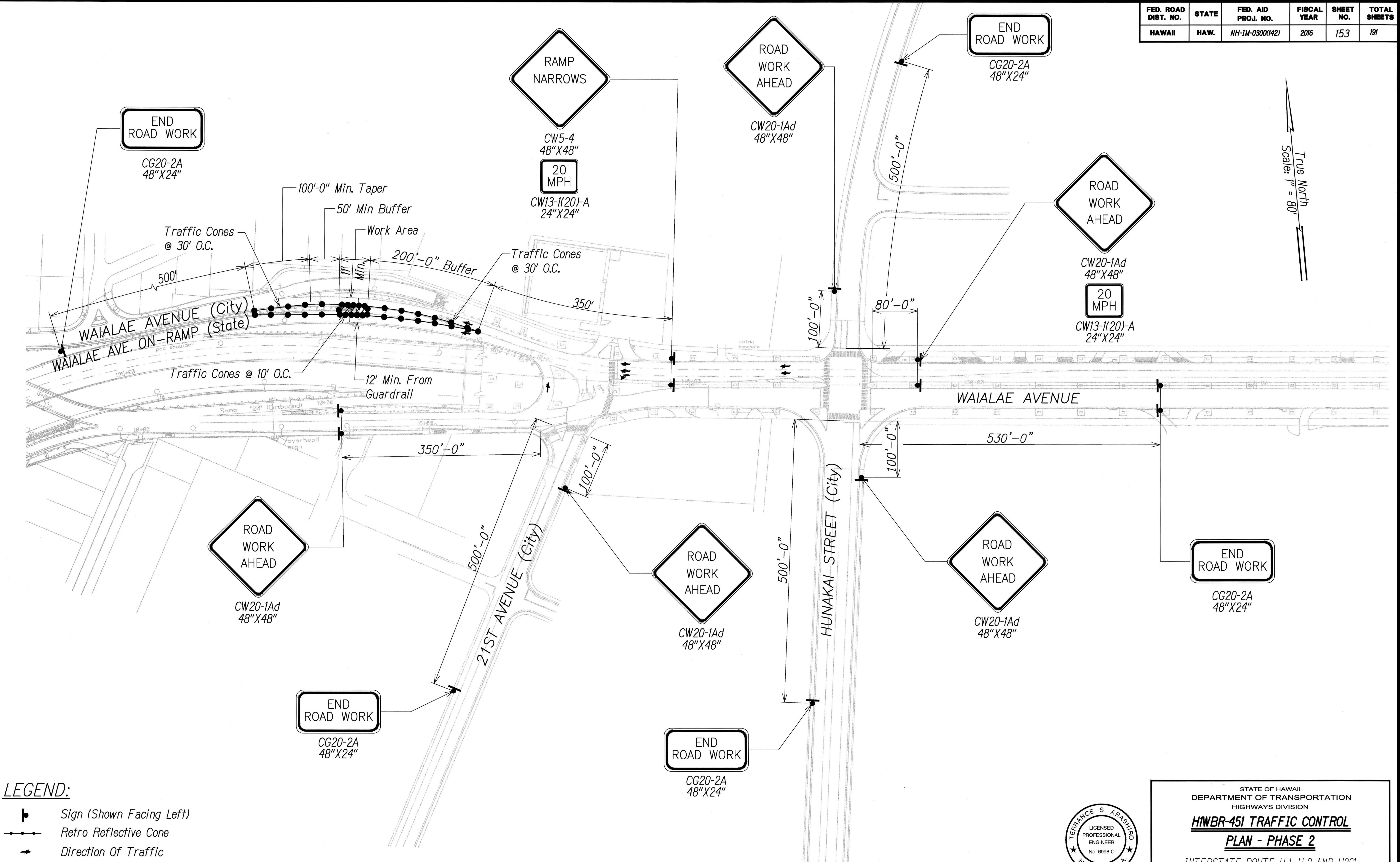


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-IM-0300(142)	2016	152	191





FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	153	191



- LEGEND:**
- Sign (Shown Facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Type III Barricade
  - Work Area

**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWBR-451 TRAFFIC CONTROL**  
**PLAN - PHASE 2**

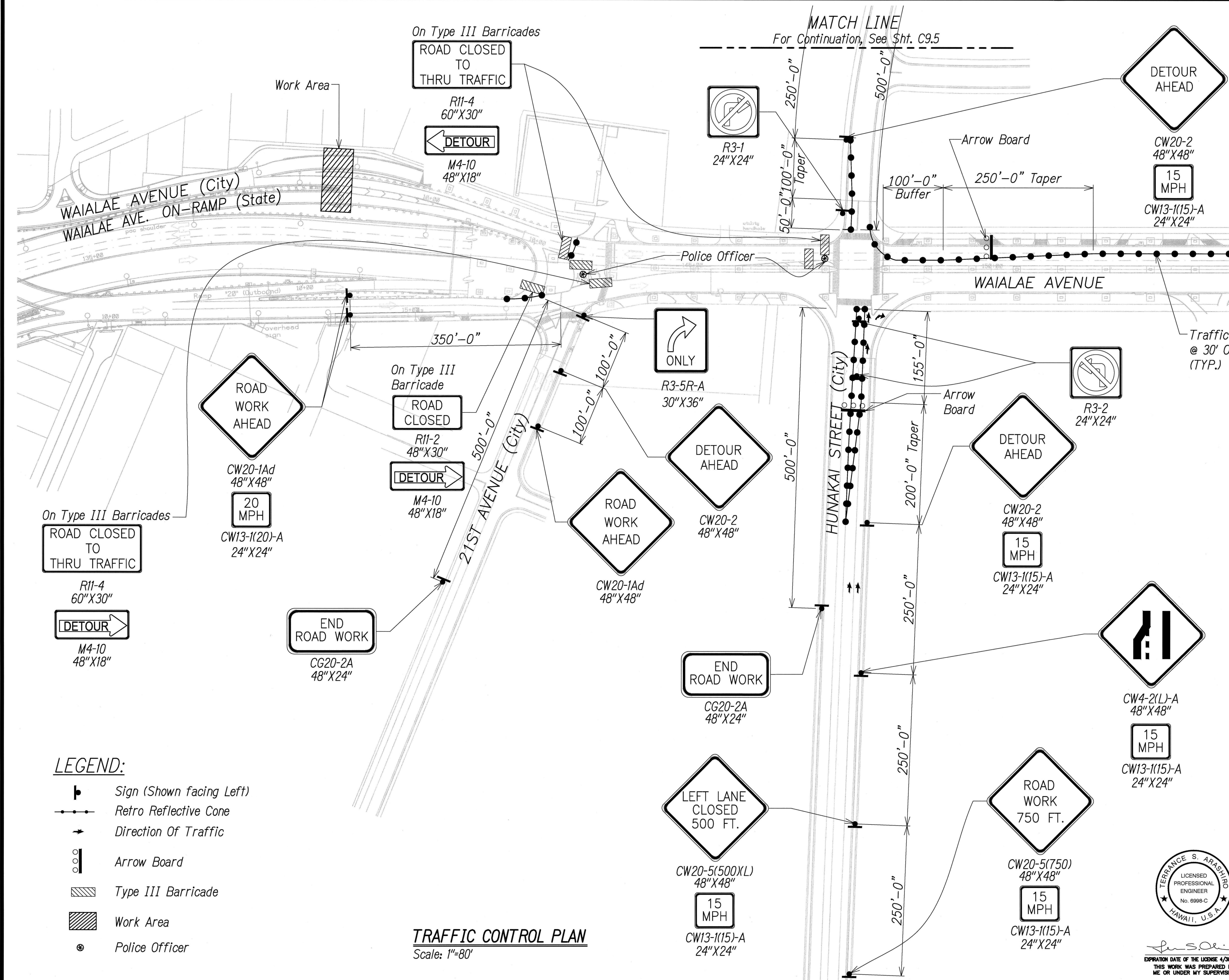
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

SHEET No. C9.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	154	191



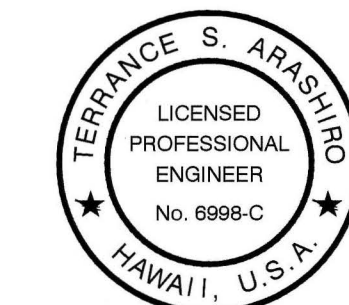
True North  
Scale: 1" = 80'

MATCH LINE OUTBOUND @ STA. 155+00  
For Continuation, See Sht. C9.6

NOTE:  
See Detour Plan On Sheet C9.7.

- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board
  - Type III Barricade
  - Work Area
  - Police Officer

**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWBR-451 TRAFFIC CONTROL**  
**PLAN - PHASE 3**

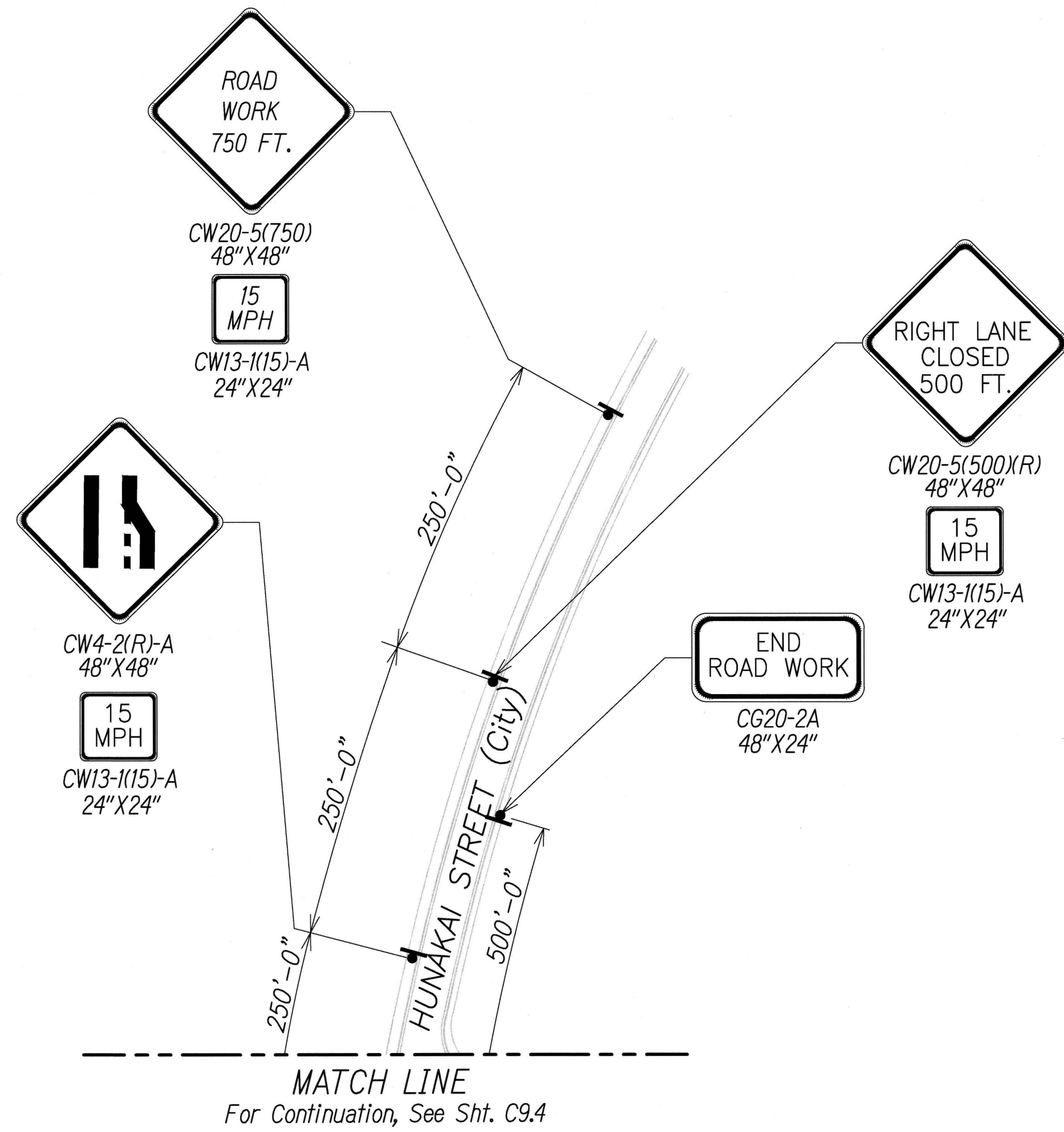
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown      Date: May 2016

SHEET No. C9.4 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	155	191



True North  
Scale: 1" = 80'

Speed Limit: 30 Mph

# LEGEND:

- Sign (Shown facing Left)
- Retro Reflective Cone
- Direction Of Traffic
- Arrow Board
- Type III Barricade
- Work Area

## TRAFFIC CONTROL PLAN Scale: 1"=80'



EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWBR-451 TRAFFIC CONTROL**  
**PLAN - PHASE 3**

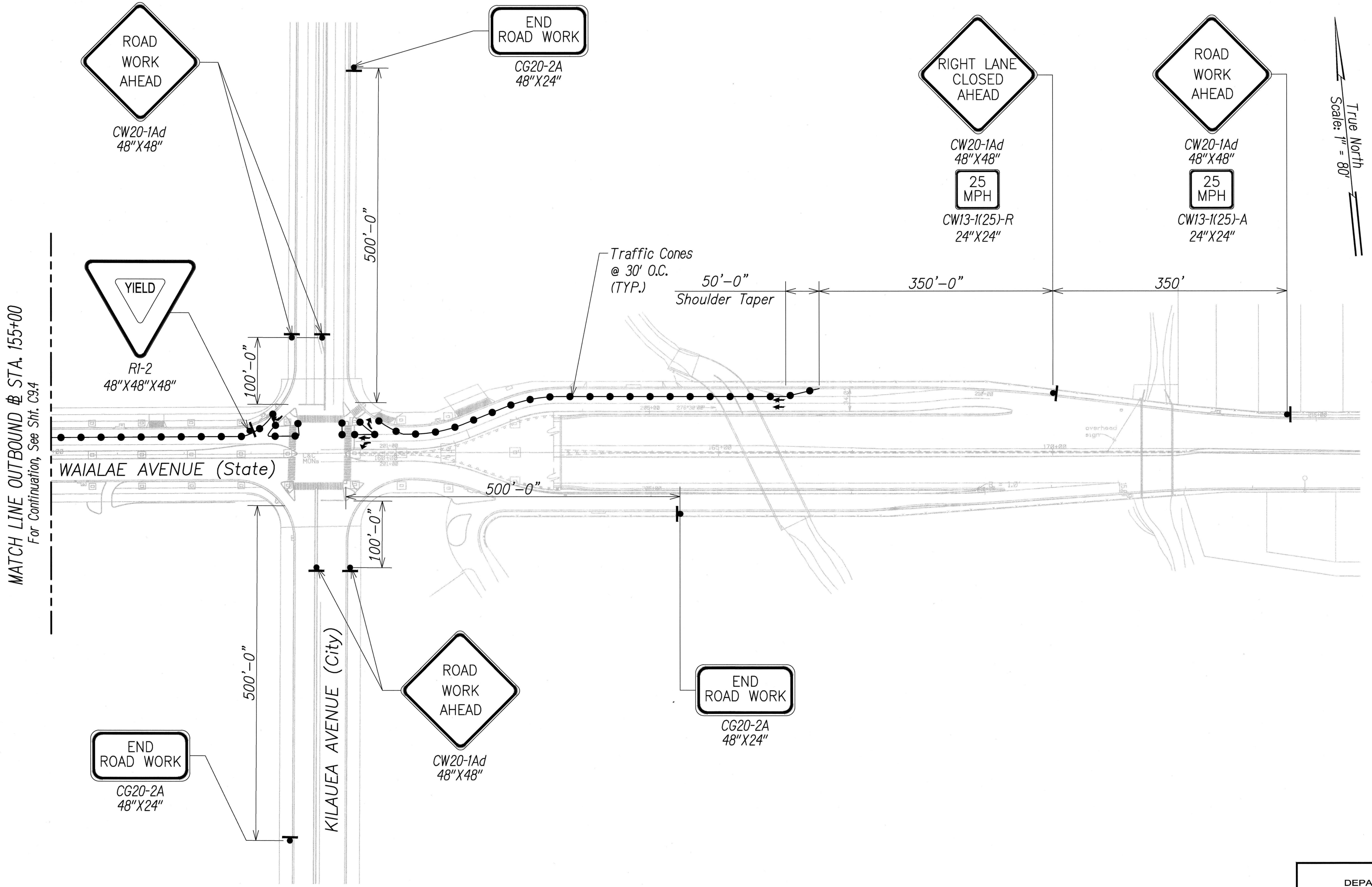
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C9.5 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	156	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic

**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWBR-451 TRAFFIC CONTROL**  
**PLAN - PHASE 3**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

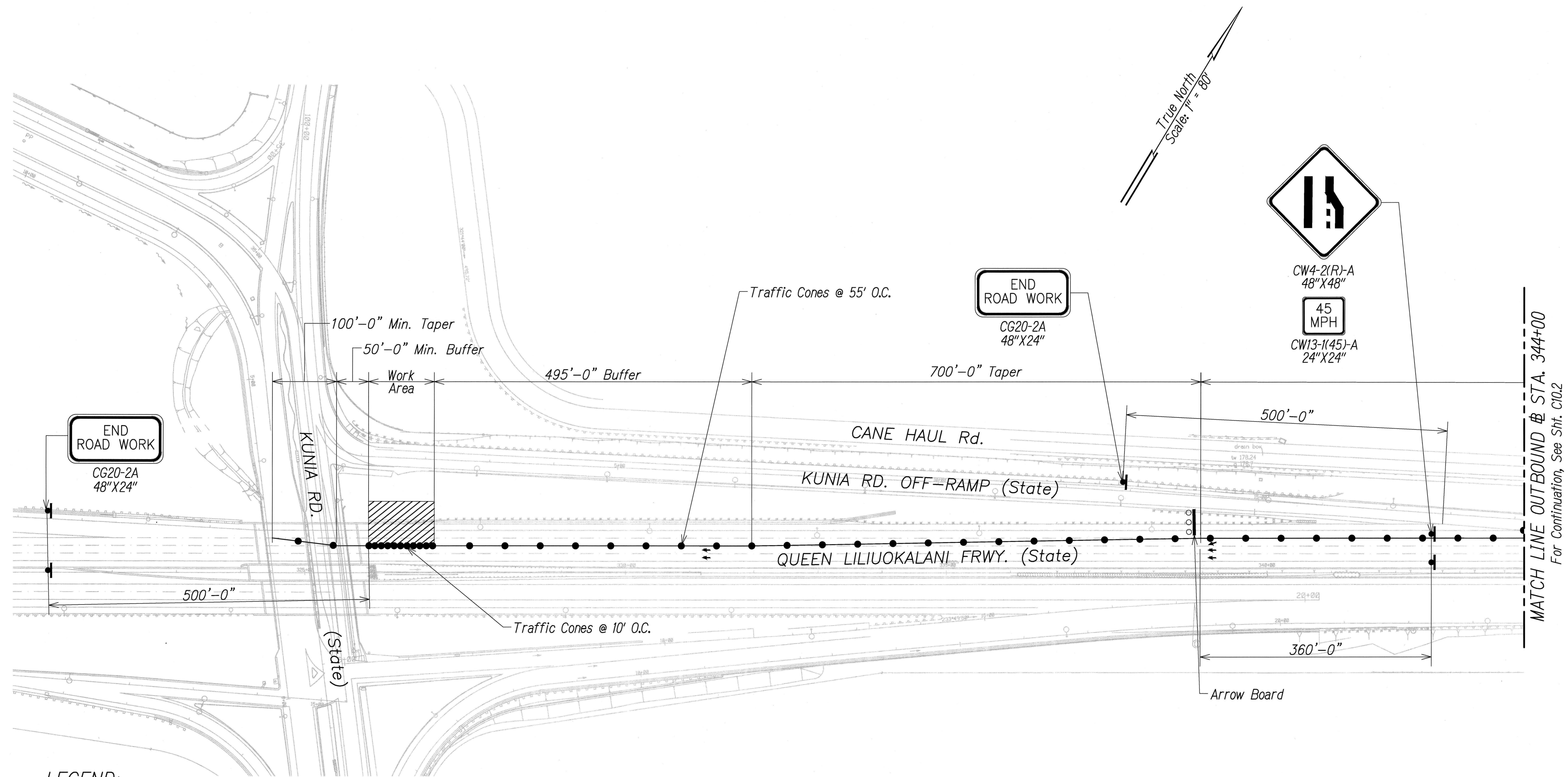
SHEET No. C9.6 OF 191 SHEETS







FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	158	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board
  - Work Area

**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'

TERRANCE S. ARASHIRO  
 LICENSED PROFESSIONAL ENGINEER  
 No. 6998-C  
 HAWAII, U.S.A.  
 EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 1**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

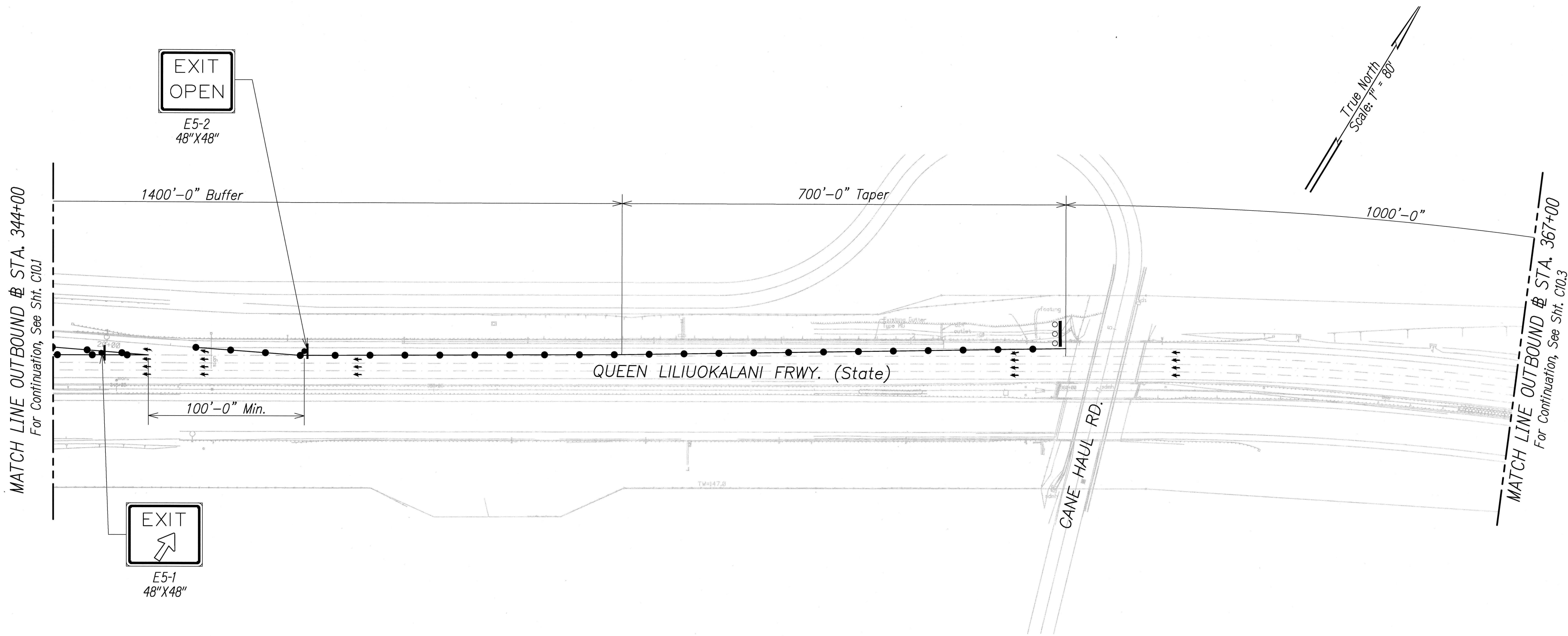
Scale: As Shown      Date: May 2016

SHEET No. C10.1 OF 191 SHEETS

MATCH LINE OUTBOUND @ STA. 344+00  
 For Continuation, See Sht. C10.2



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	159	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board
  - Work Area

**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'

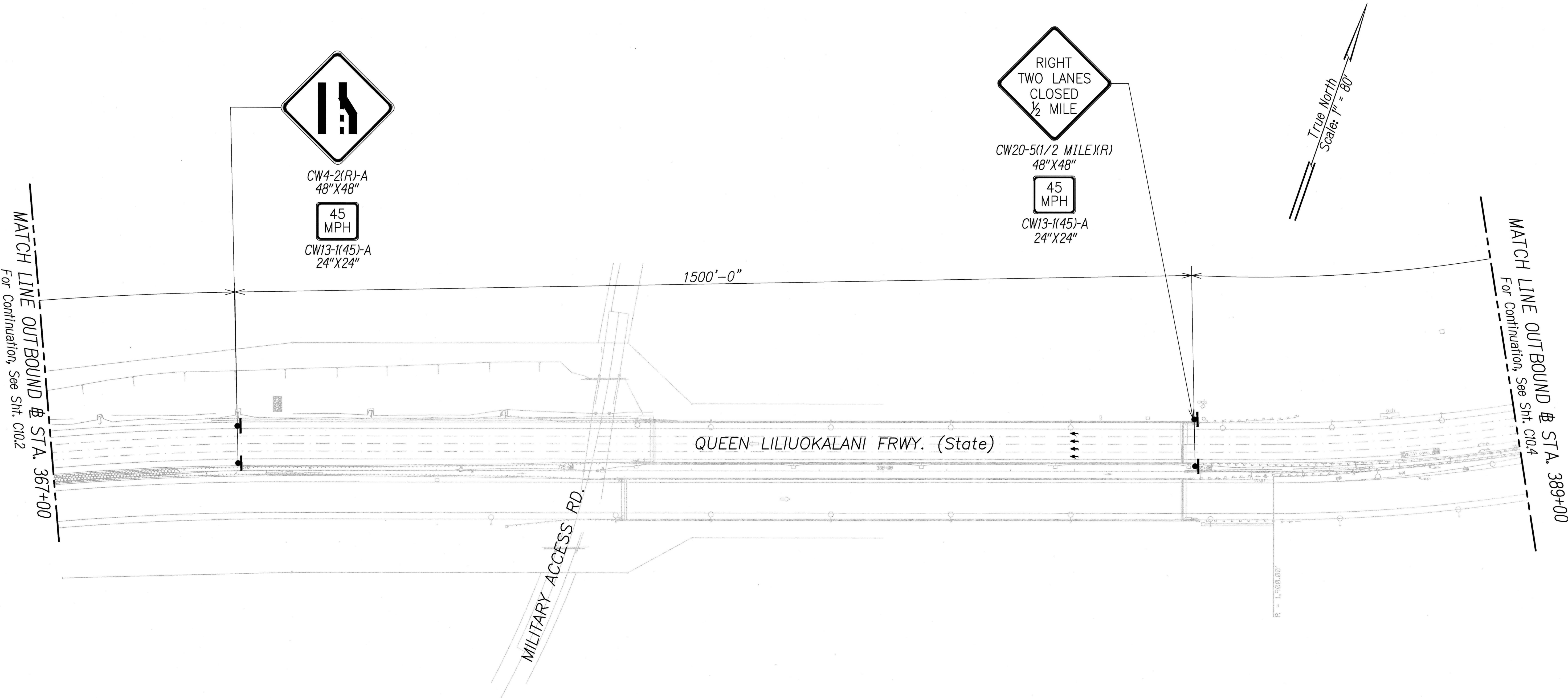


EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**HWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 1**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown      Date: May 2016  
SHEET No. C10.2 OF 191 SHEETS

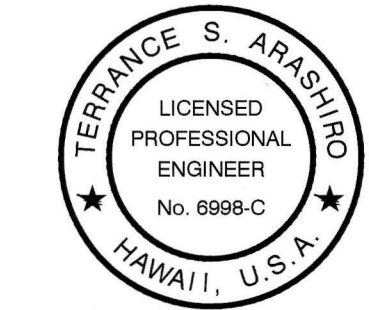


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	160	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board
  - Work Area

**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'



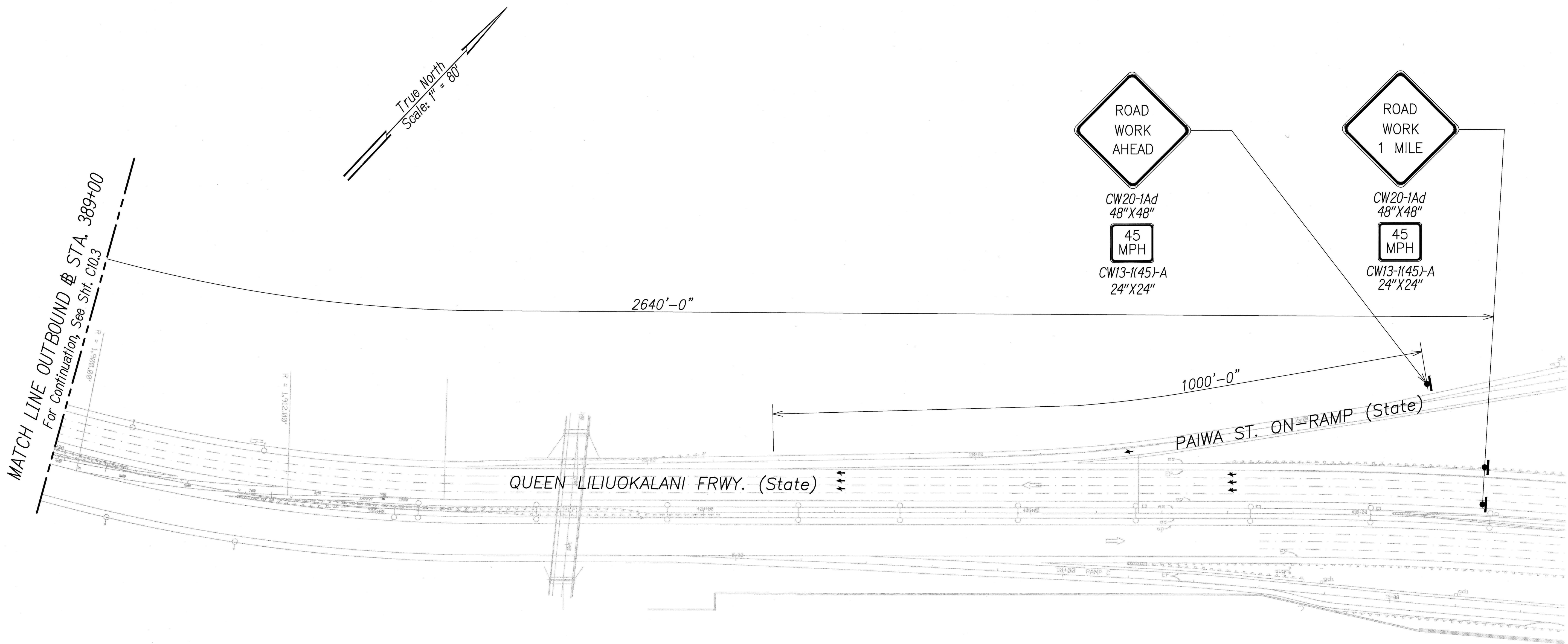
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION



**HNB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 1**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-IM-0300(142)  
Scale: As Shown      Date: May 2016  
SHEET No. C10.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	161	191



**LEGEND:**

 Sign (Shown facing Left)  
 Direction Of Traffic

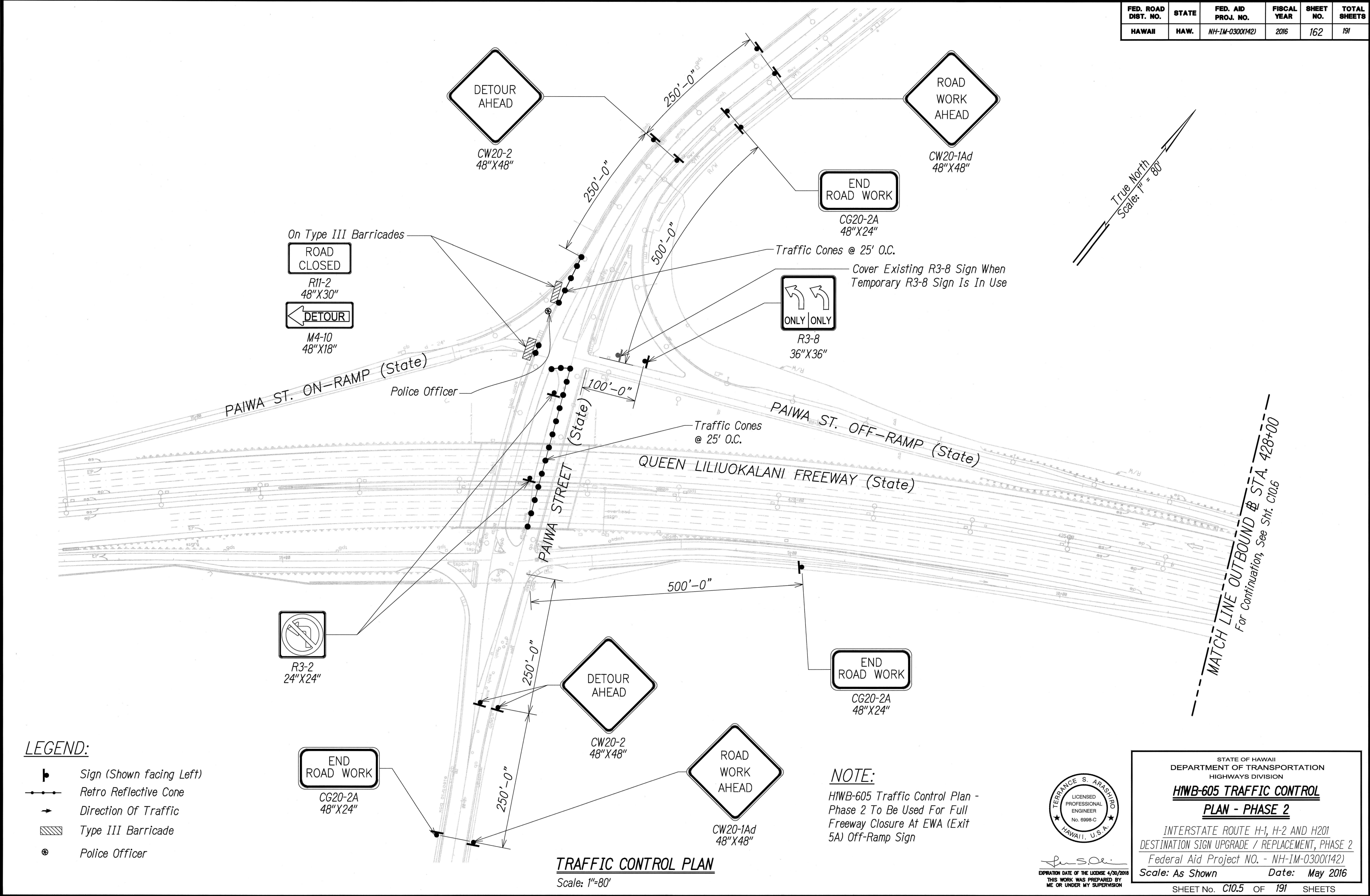
**TRAFFIC CONTROL PLAN**  
 Scale: 1"=80'

TERRANCE S. APASIMIO  
 LICENSED PROFESSIONAL ENGINEER  
 No. 6998-C  
 HAWAII, U.S.A.  
 EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION  
**HWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 1**  
 INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)  
 Scale: As Shown Date: May 2016  
 SHEET No. C10.4 OF 191 SHEETS

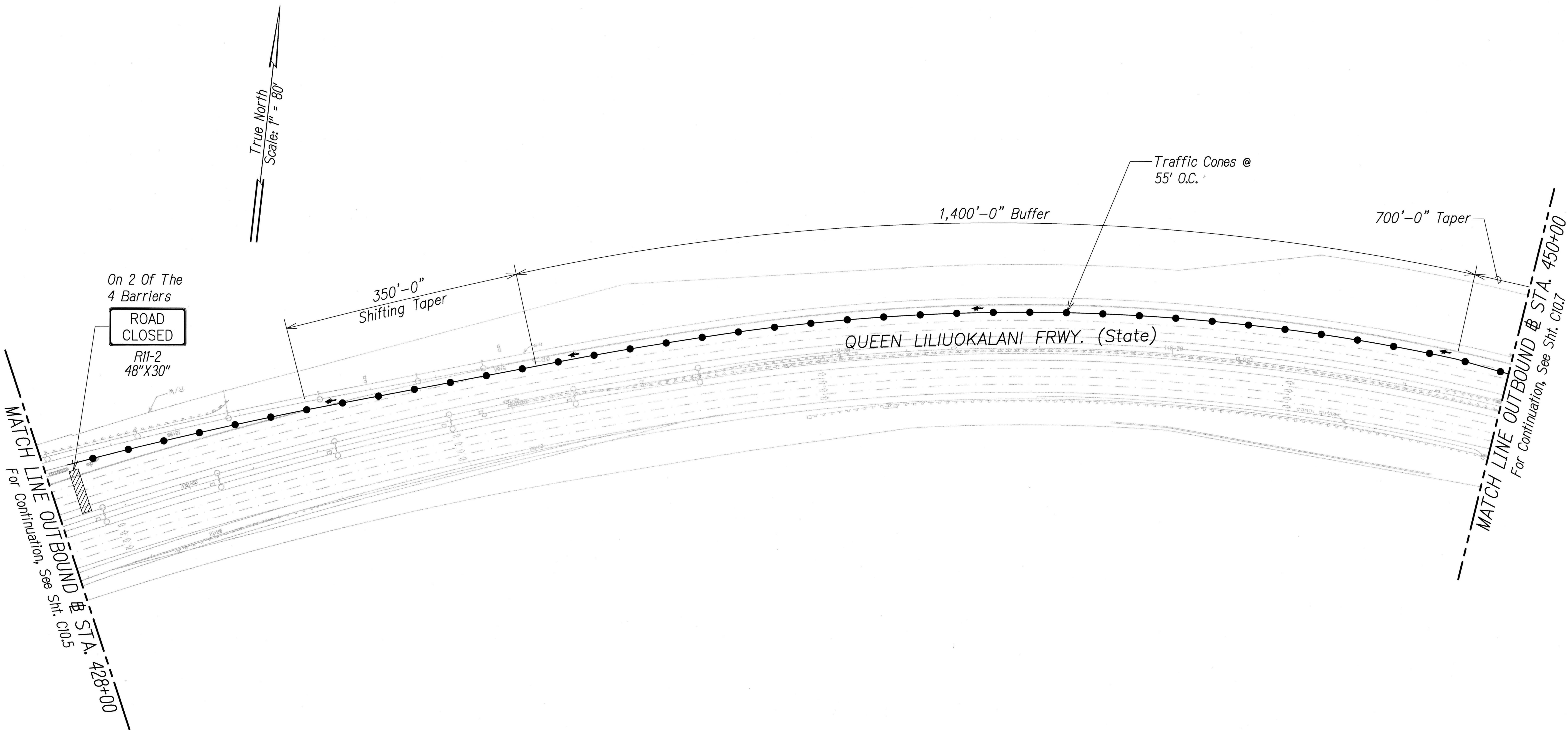


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	162	191





FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	163	191



**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'

- LEGEND:**
- Retro Reflective Cone
  - Direction Of Traffic
  - ▨ Type III Barricade

**NOTE:**  
HWB-605 Traffic Control Plan -  
Phase 2 To Be Used For Full  
Freeway Closure At EWA (Exit  
5A) Off-Ramp Sign

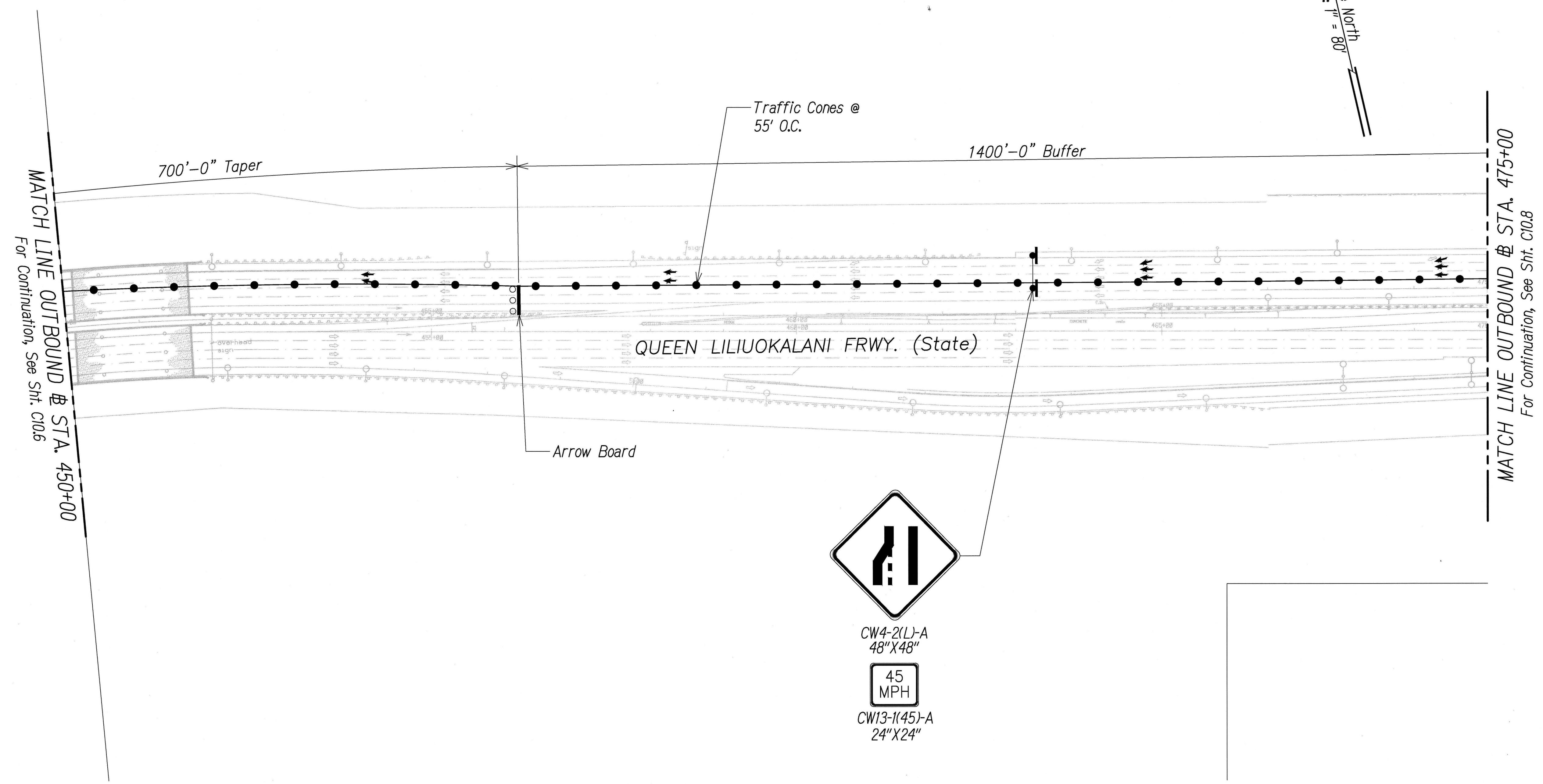


EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**HWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C10.6 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	164	191




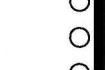


CW4-2(L)-A  
48" X 48"



CW13-1(45)-A  
24" X 24"

**LEGEND:**

-  Sign (Shown facing Left)
-  Retro Reflective Cone
-  Direction Of Traffic
-  Arrow Board

**NOTE:**

HWB-605 Traffic Control Plan -  
Phase 2 To Be Used For Full  
Freeway Closure At EWA (Exit  
5A) Off-Ramp Sign

**TRAFFIC CONTROL PLAN**

Scale: 1"=80'



EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 2**

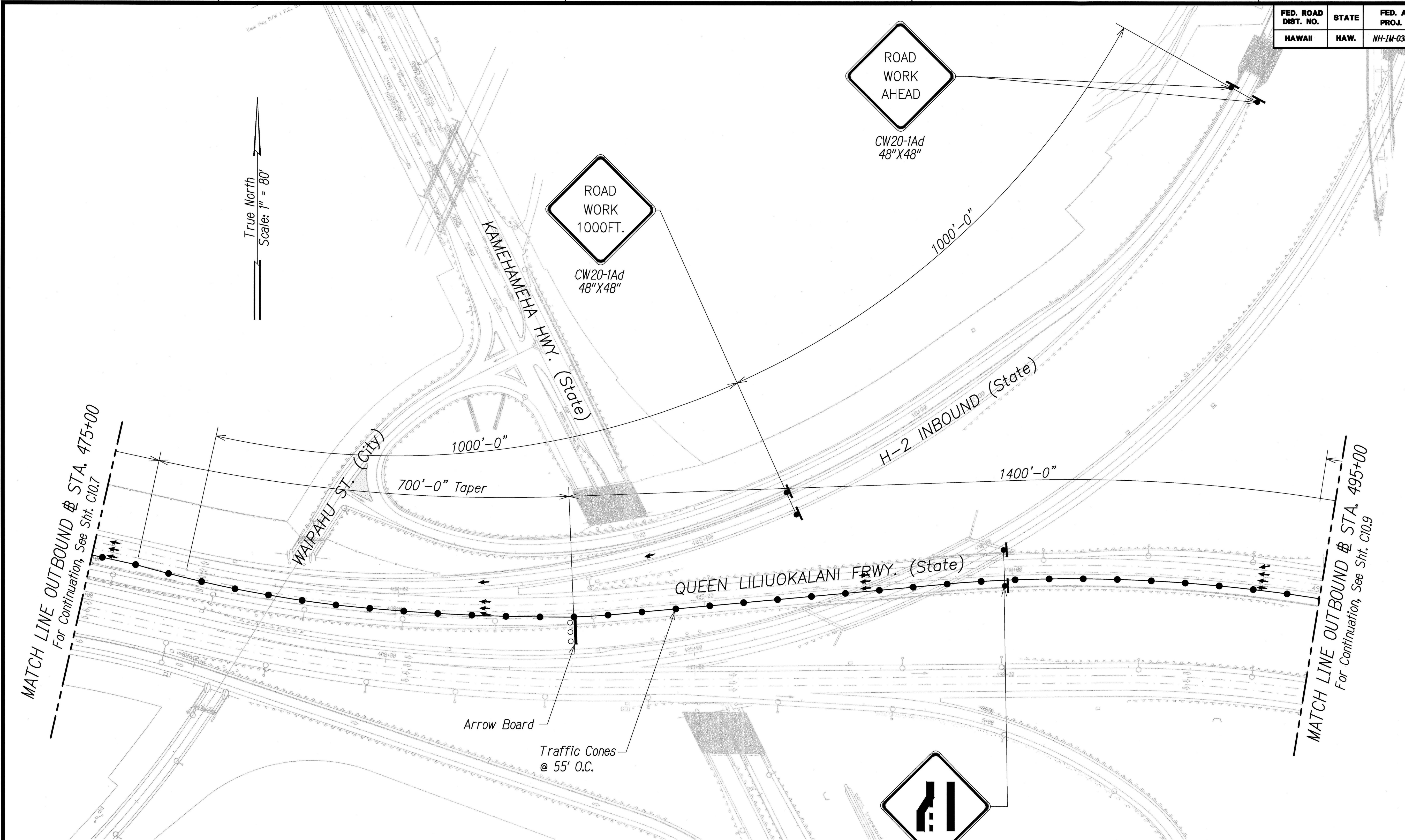
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C10.7 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	165	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board

**NOTE:**  
 HWB-605 Traffic Control Plan -  
 Phase 2 To Be Used For Full  
 Freeway Closure At EWA (Exit  
 5A) Off-Ramp Sign

**TRAFFIC CONTROL PLAN**  
 Scale: 1"=80'



EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY  
 ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**HWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 2**

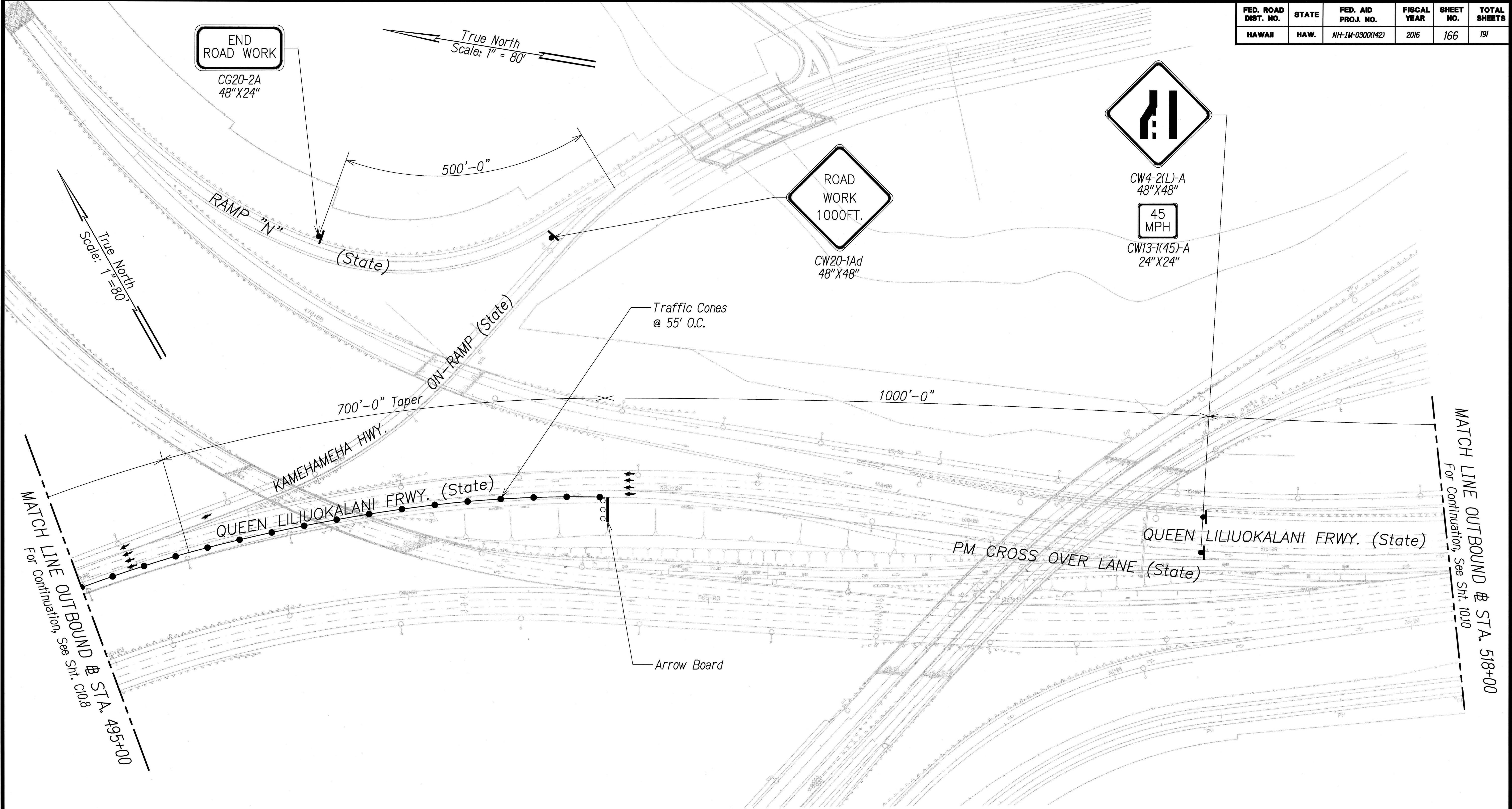
INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C10.8 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	166	191



- LEGEND:**
- Sign (Shown facing Left)
  - Retro Reflective Cone
  - Direction Of Traffic
  - Arrow Board
  - Type III Barricade

**NOTE:**  
 HIWB-605 Traffic Control Plan -  
 Phase 2 To Be Used For Full  
 Freeway Closure At EWA (Exit  
 5A) Off-Ramp Sign

**TRAFFIC CONTROL PLAN**  
 Scale: 1"=80'



EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY  
 ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

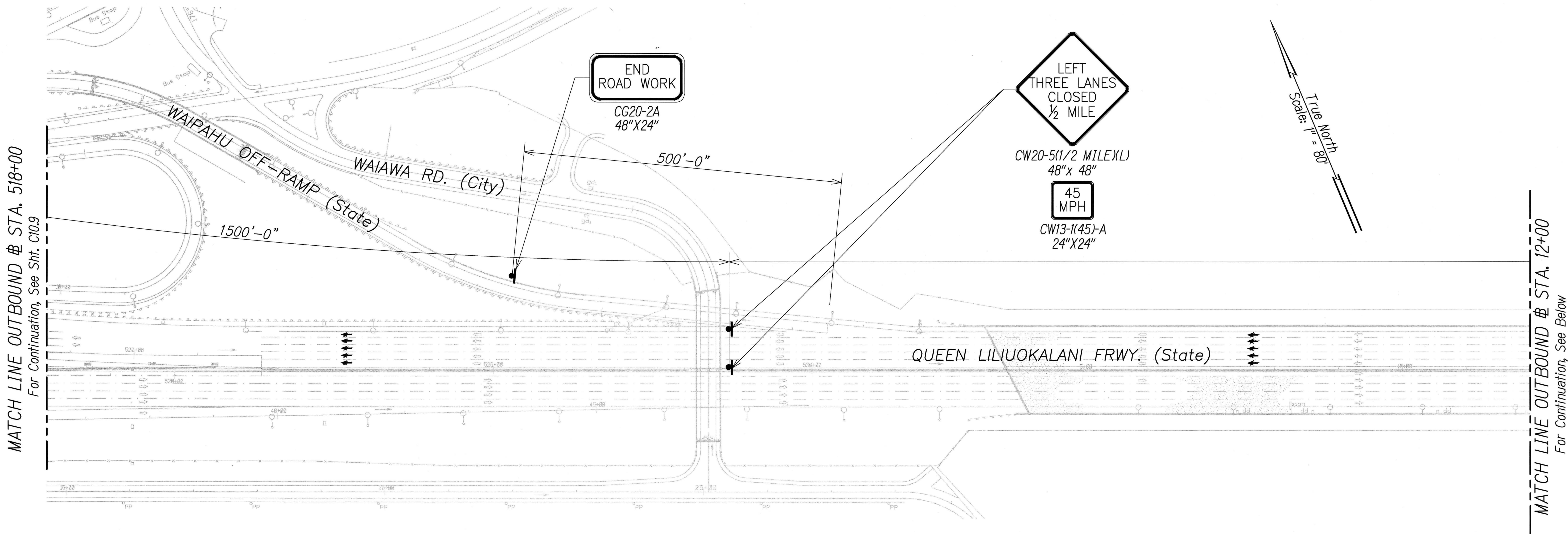
**HIWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 2**

INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)  
 Scale: As Shown      Date: May 2016

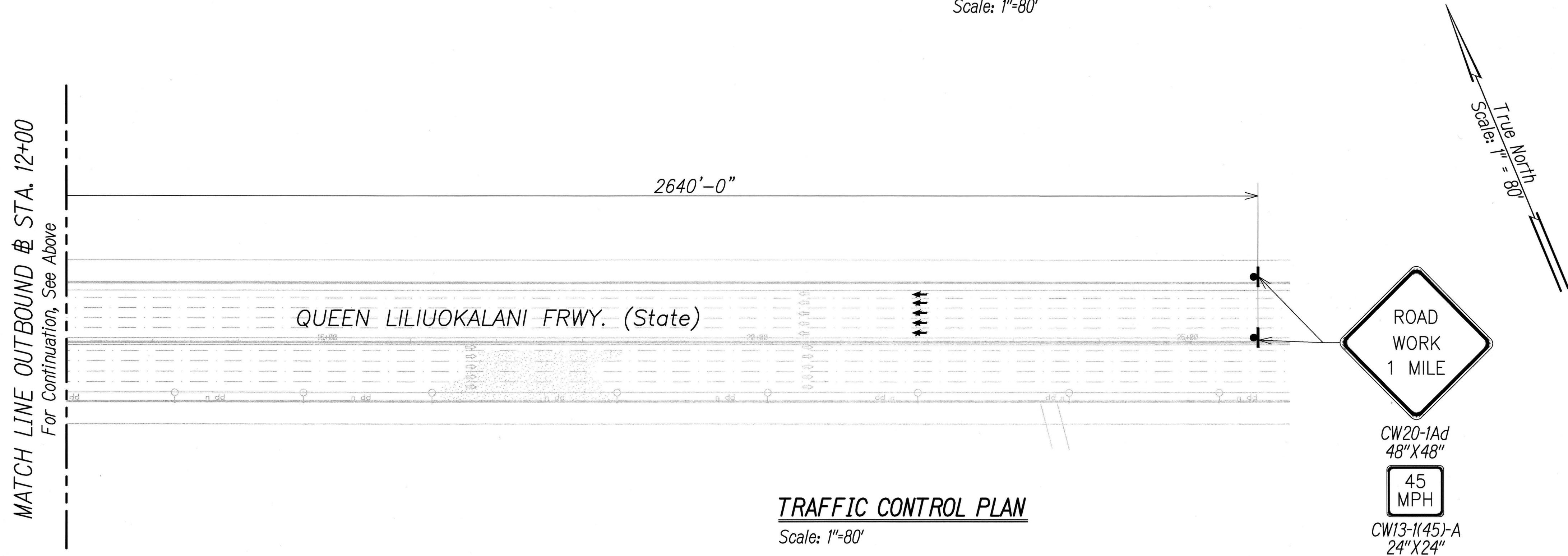
SHEET No. C10.9 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	167	191



**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'



**TRAFFIC CONTROL PLAN**  
Scale: 1"=80'

- LEGEND:**
- Sign (Shown facing Left)
  - Direction Of Traffic

**NOTE:**  
HWB-605 Traffic Control Plan - Phase 2 To Be Used For Full Freeway Closure At EWA (Exit 5A) Off-Ramp Sign



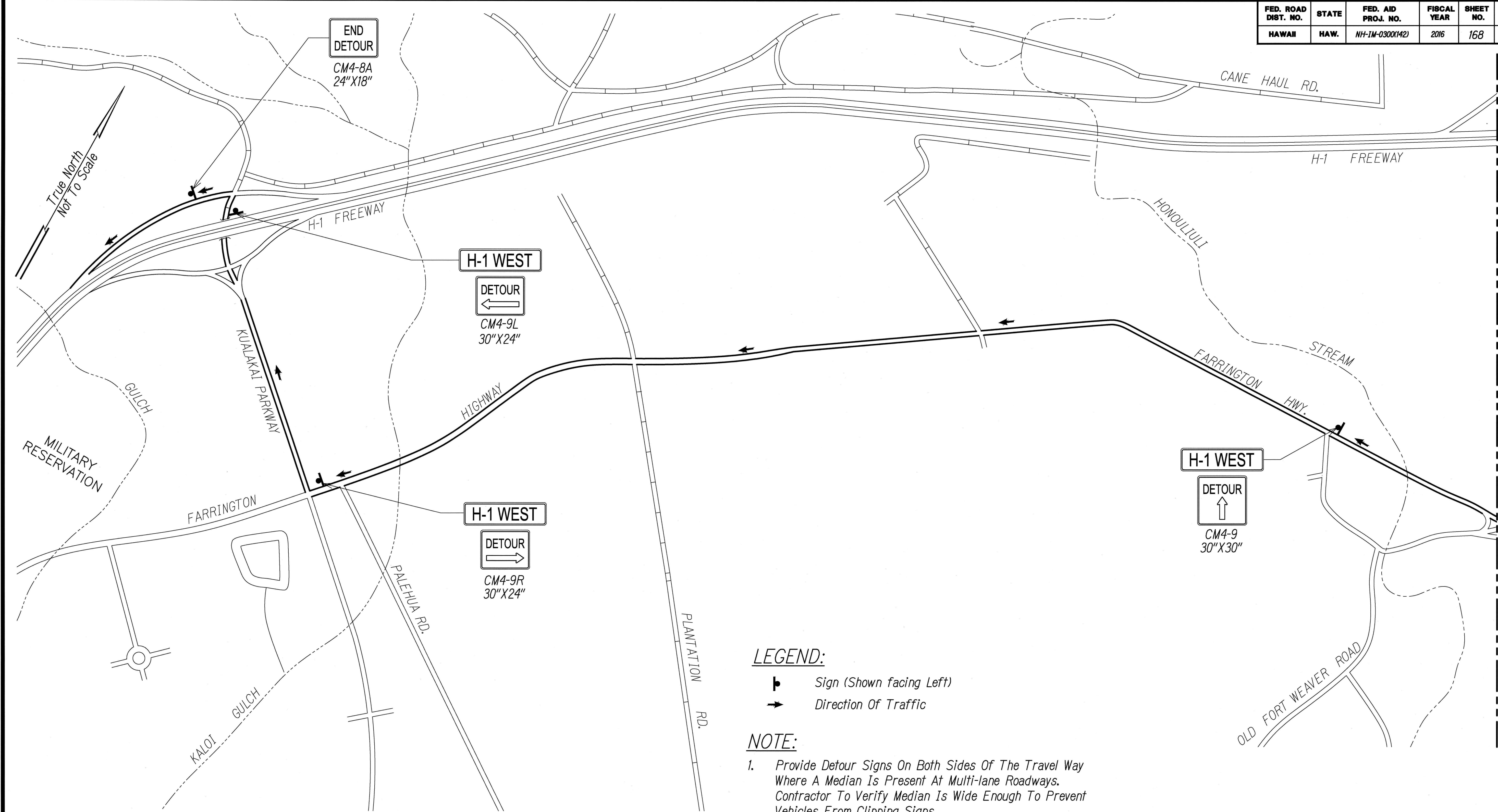
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**HWB-605 TRAFFIC CONTROL**  
**PLAN - PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

SHEET No. C10.10 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	168	191



- LEGEND:**
- Sign (Shown facing Left)
  - Direction Of Traffic

- NOTE:**
- Provide Detour Signs On Both Sides Of The Travel Way Where A Median Is Present At Multi-lane Roadways. Contractor To Verify Median Is Wide Enough To Prevent Vehicles From Clipping Signs.
  - Contractor Shall Coordinate Farrington Highway Detour Route With The Honolulu Authority For Rapid Transportation (HART).

**HWB-605 - DETOUR ROUTE PLAN**  
Not To Scale



EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWB-605 TRAFFIC CONTROL**  
**PLAN - DETOUR ROUTE PLAN PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown      Date: May 2016

SHEET No. C10.11 OF 191 SHEETS

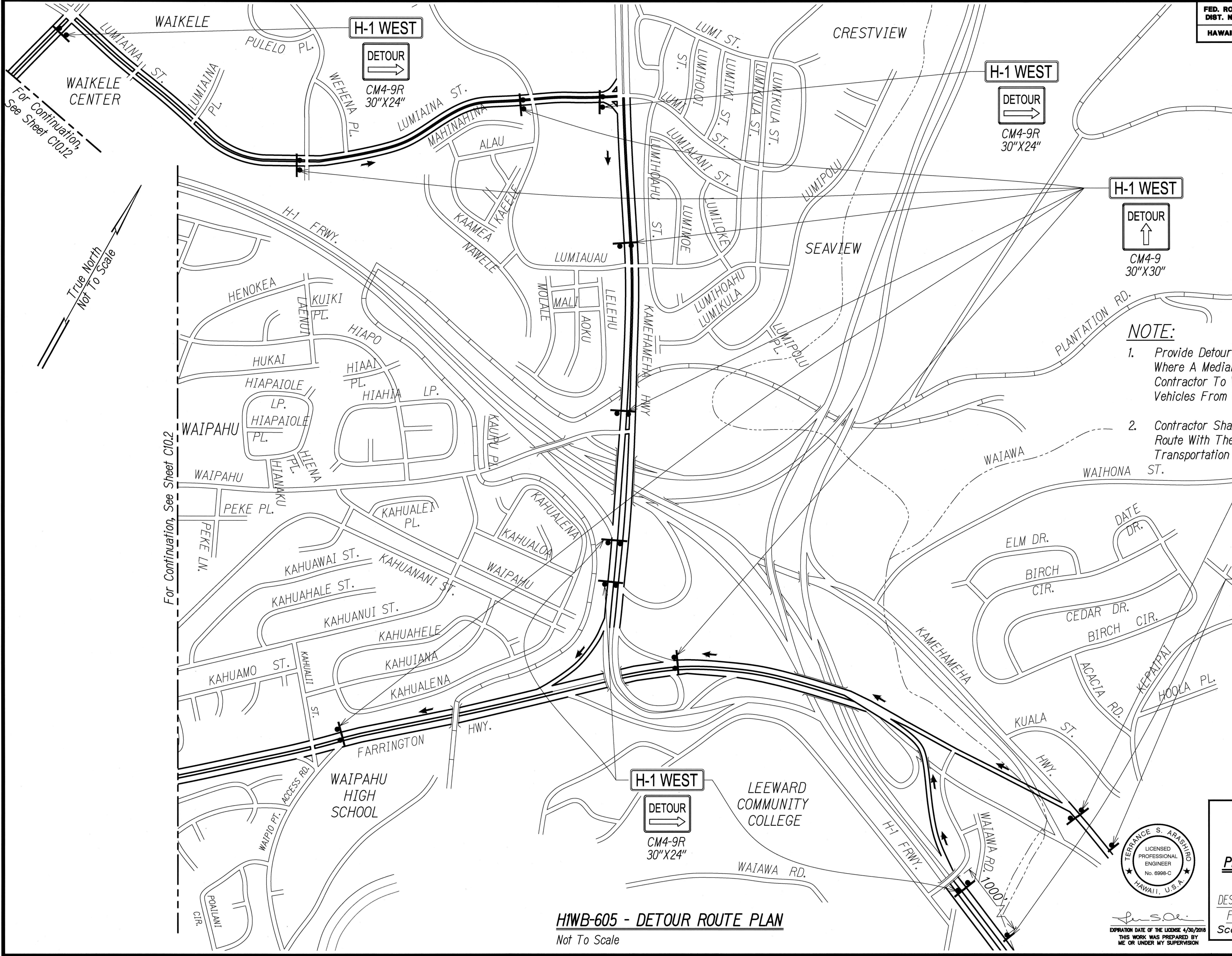
For Continuation, See Sheet C10.12







FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	170	191



**LEGEND:**

⬅ Sign (Shown facing Left)

➡ Direction Of Traffic

- NOTE:**
- Provide Detour Signs On Both Sides Of The Travel Way Where A Median Is Present At Multi-lane Roadways. Contractor To Verify Median Is Wide Enough To Prevent Vehicles From Clipping Signs.
  - Contractor Shall Coordinate Farrington Highway Detour Route With The Honolulu Authority For Rapid Transportation (HART).

**H-1 WEST**

**DETOUR**

CM4-9L  
30"X24"

Portable Changeable Message Sign  
Provide Three (3) Days Prior To Ramp Closure And During Non-working Hours:

Phase 1	Phase 2
H1 WEST CLOSED AT PAIWA	XX/XX/XX 9 PM TO 1 AM

Provide During Freeway Closure:

Phase 1	Phase 2
H1 WEST CLOSED AT PAIWA	USE FARRINGTON HWY



EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

**HWB-605 - DETOUR ROUTE PLAN**  
Not To Scale

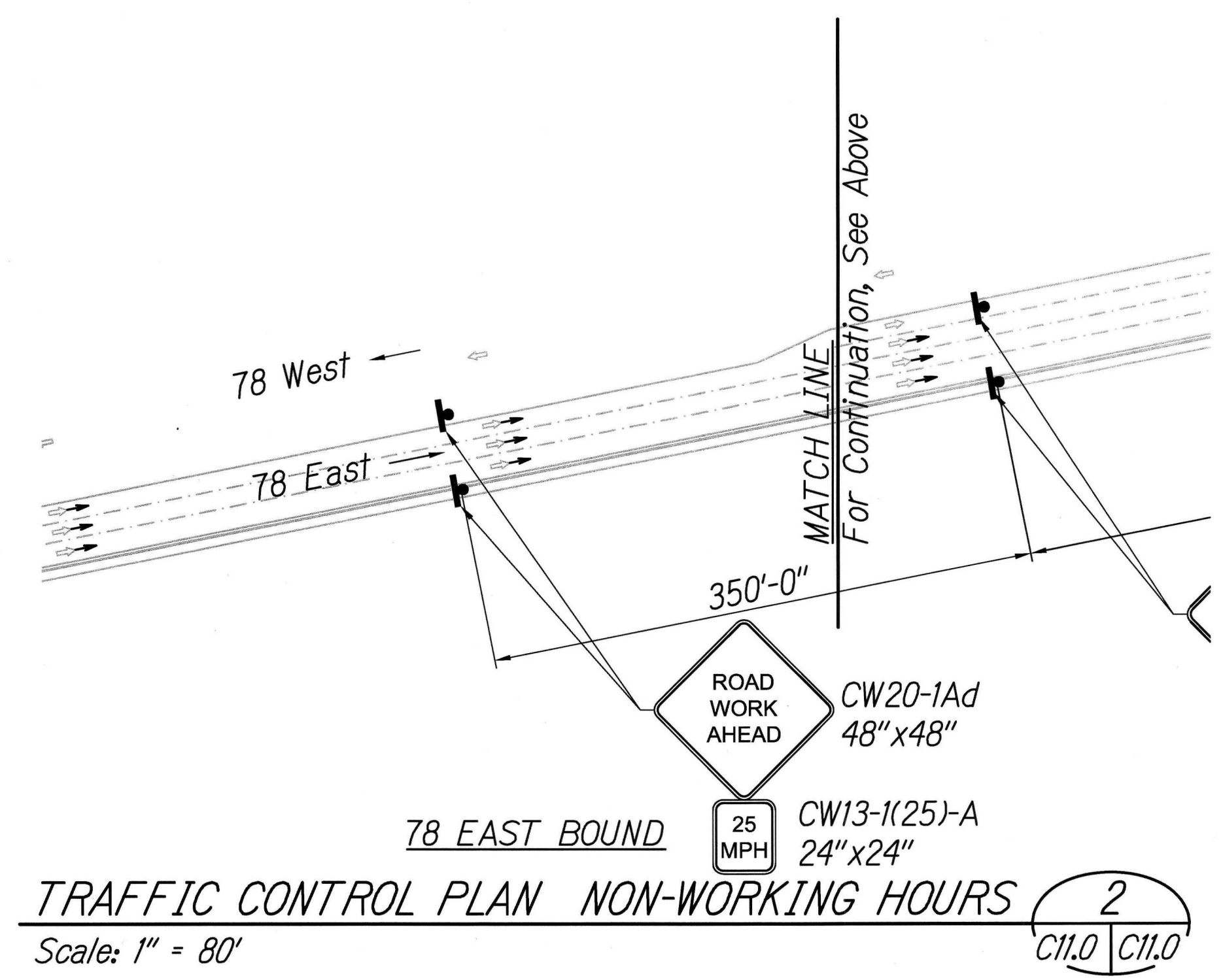
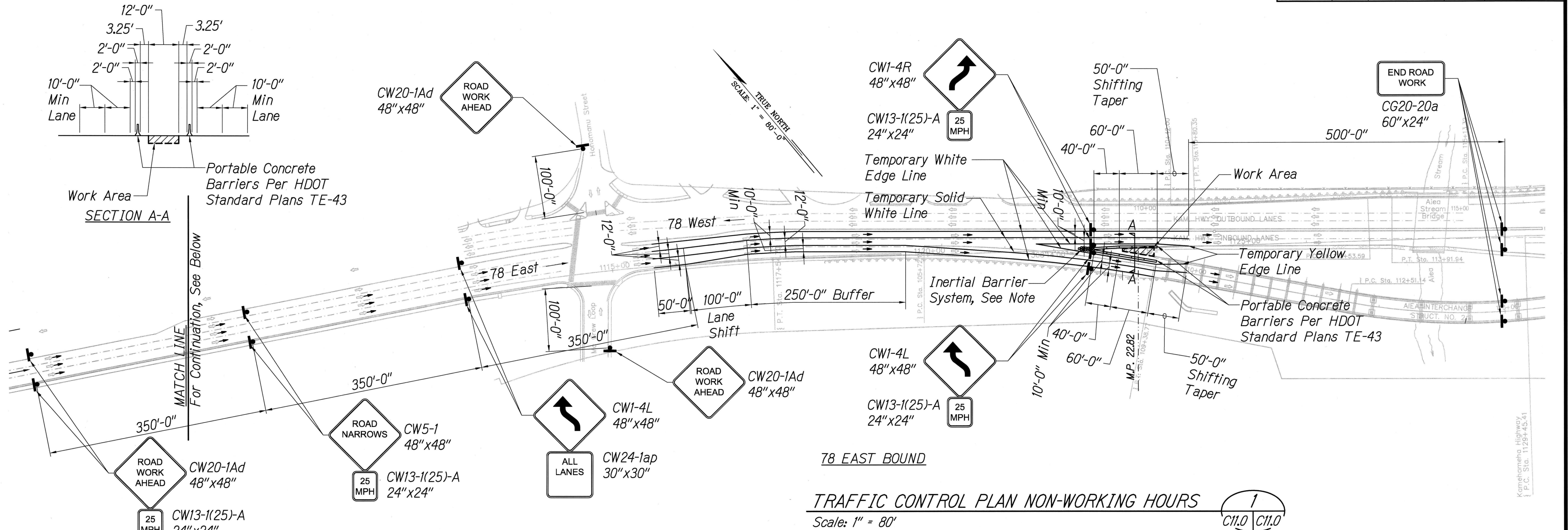
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**HWB-605 TRAFFIC CONTROL**  
**PLAN - DETOUR ROUTE PLAN PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H-201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown      Date: May 2016

SHEET No. C10.13 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	171	191



**Note:**  
Inertial barrier system shall meet NCHRP 350 test level 3 criteria.

- Legend:**
- Designates Work Area
  - Direction of Traffic
  - Sign (Shown Facing Left)
  - Inertial Barrier System
  - Portable Concrete Barrier



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78EBR-822 TRAFFIC CONTROL PLAN - NON-WORKING HOURS**

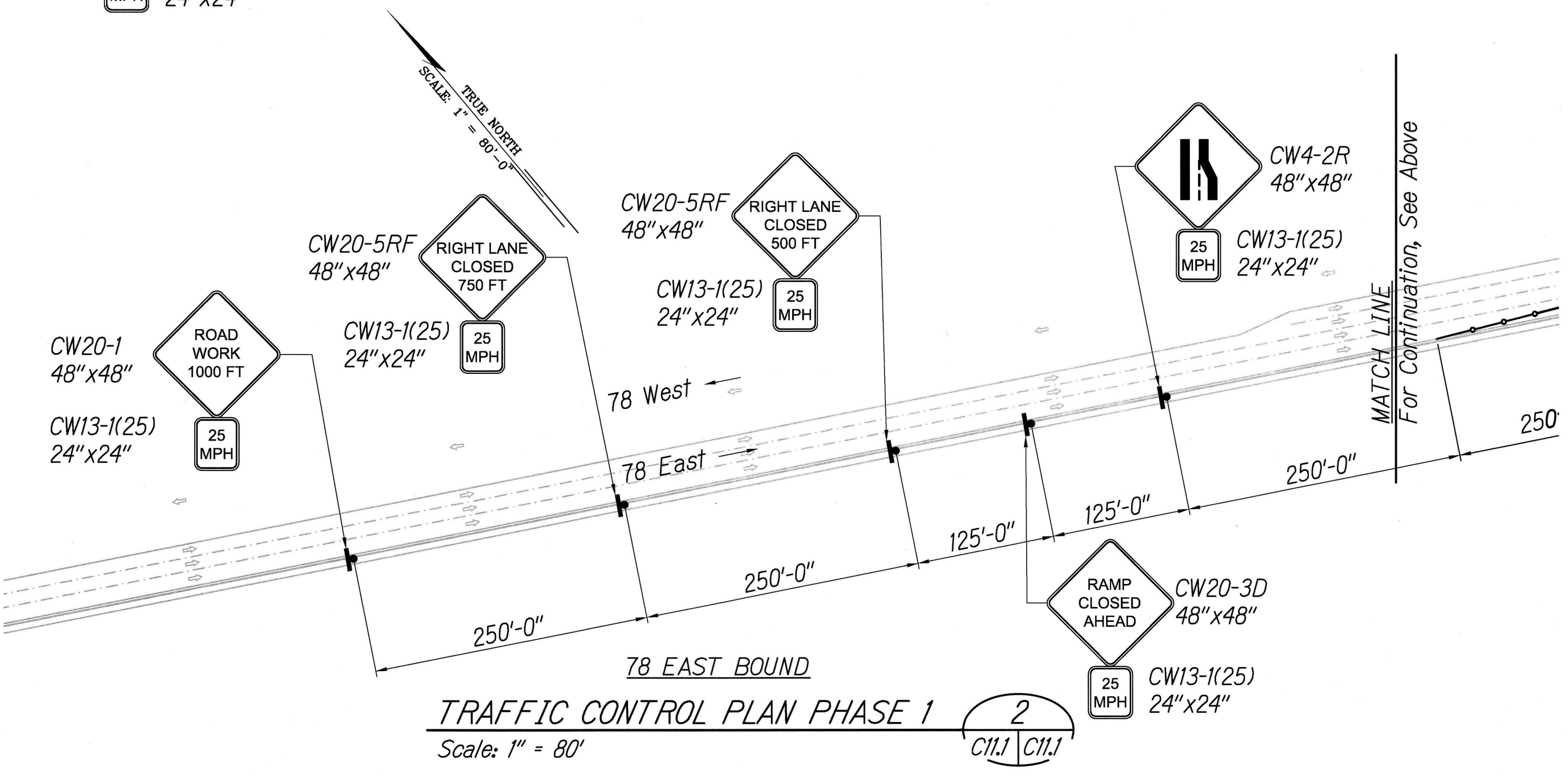
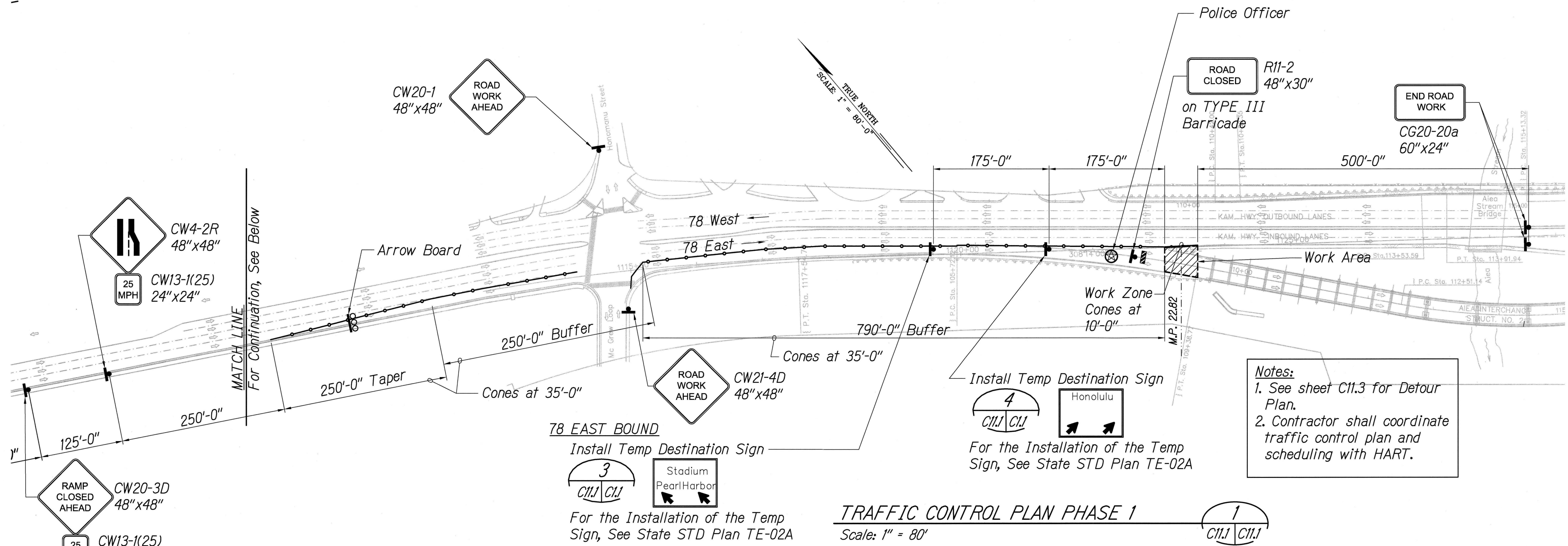
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C11.0 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	172	191



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78EBR-822 TRAFFIC CONTROL PLAN - PHASE 1**

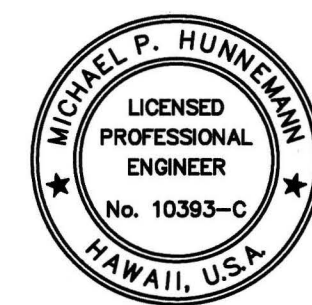
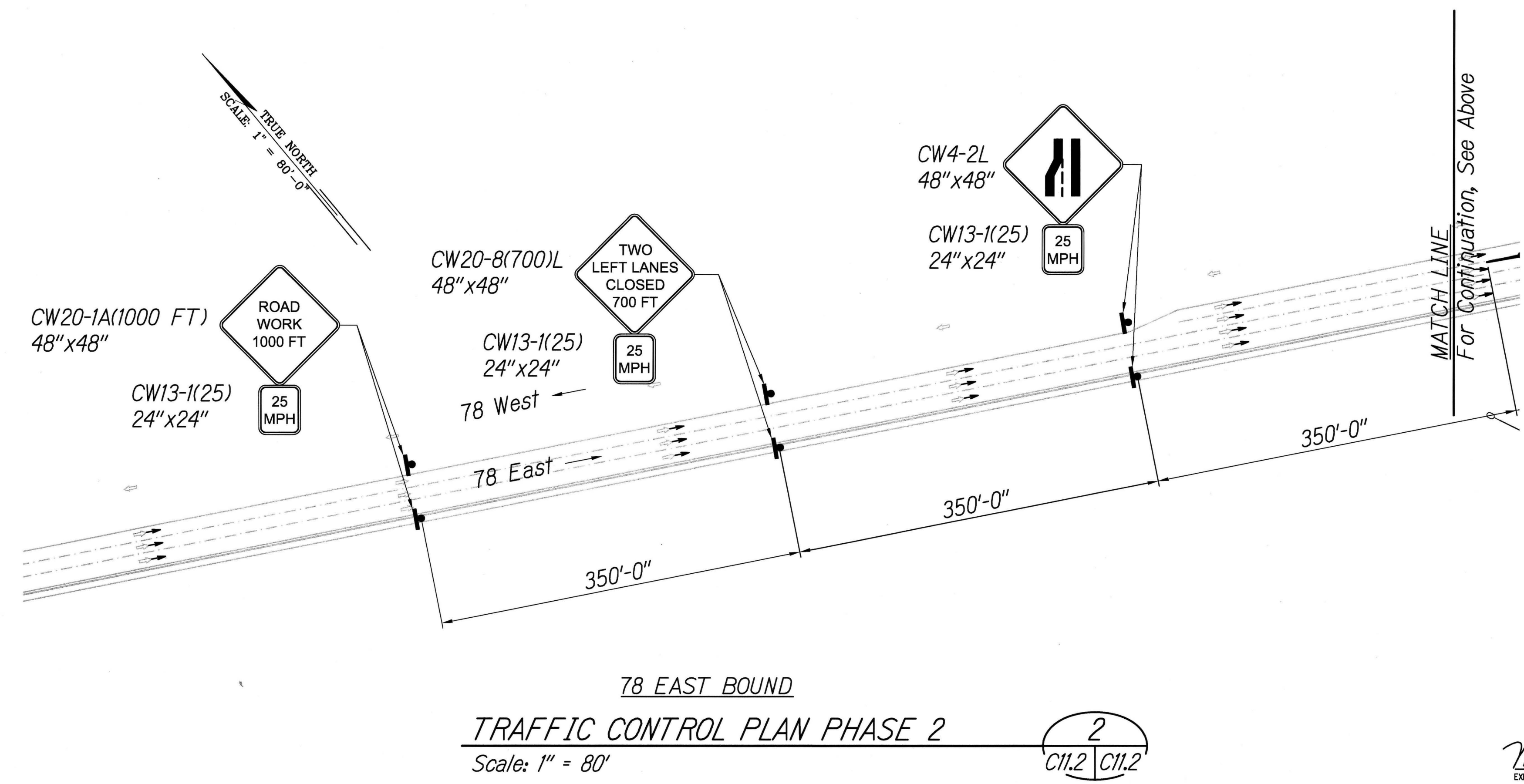
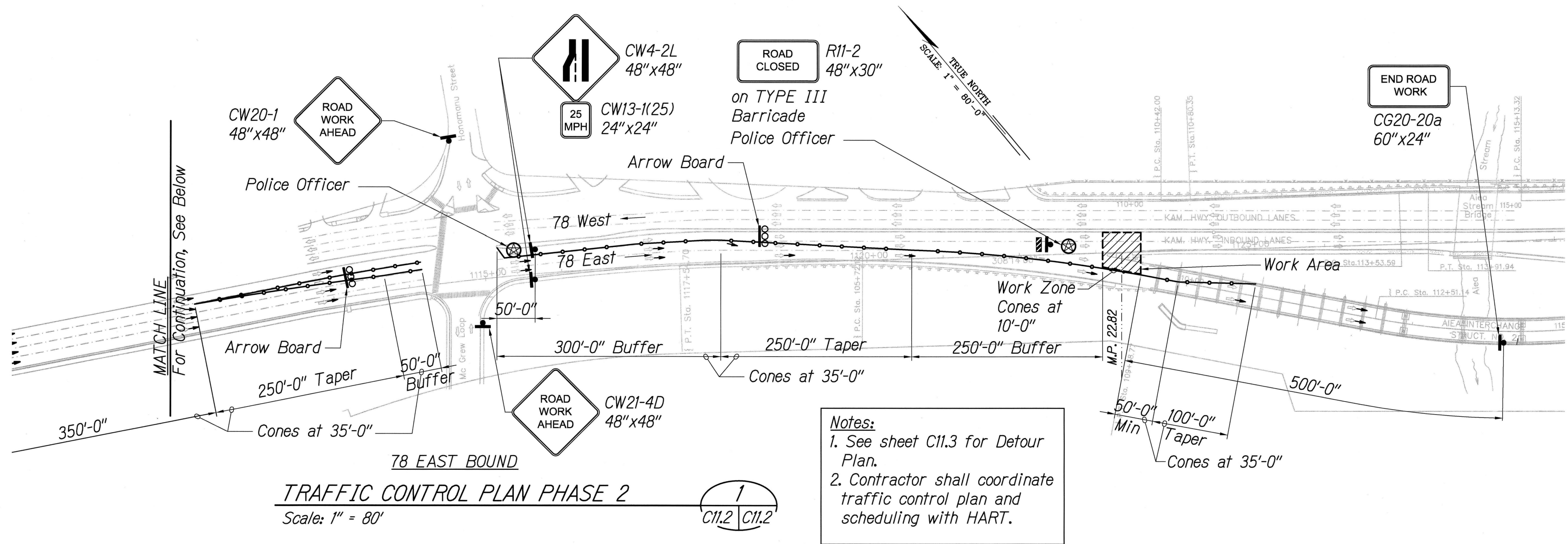
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C11.1 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	173	191



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78EBR-822 TRAFFIC CONTROL PLAN - PHASE 2**

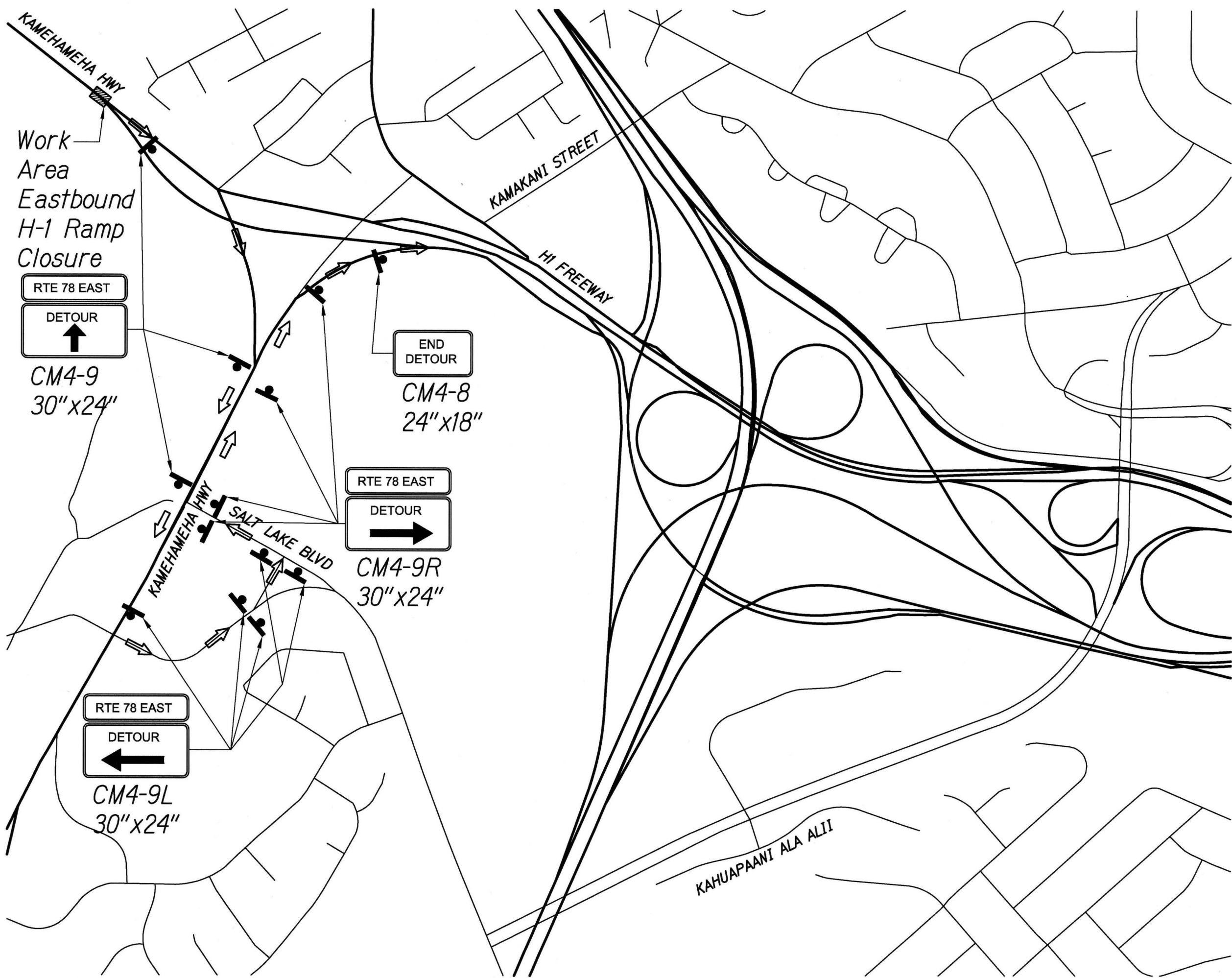
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C11.2 OF 191 SHEETS

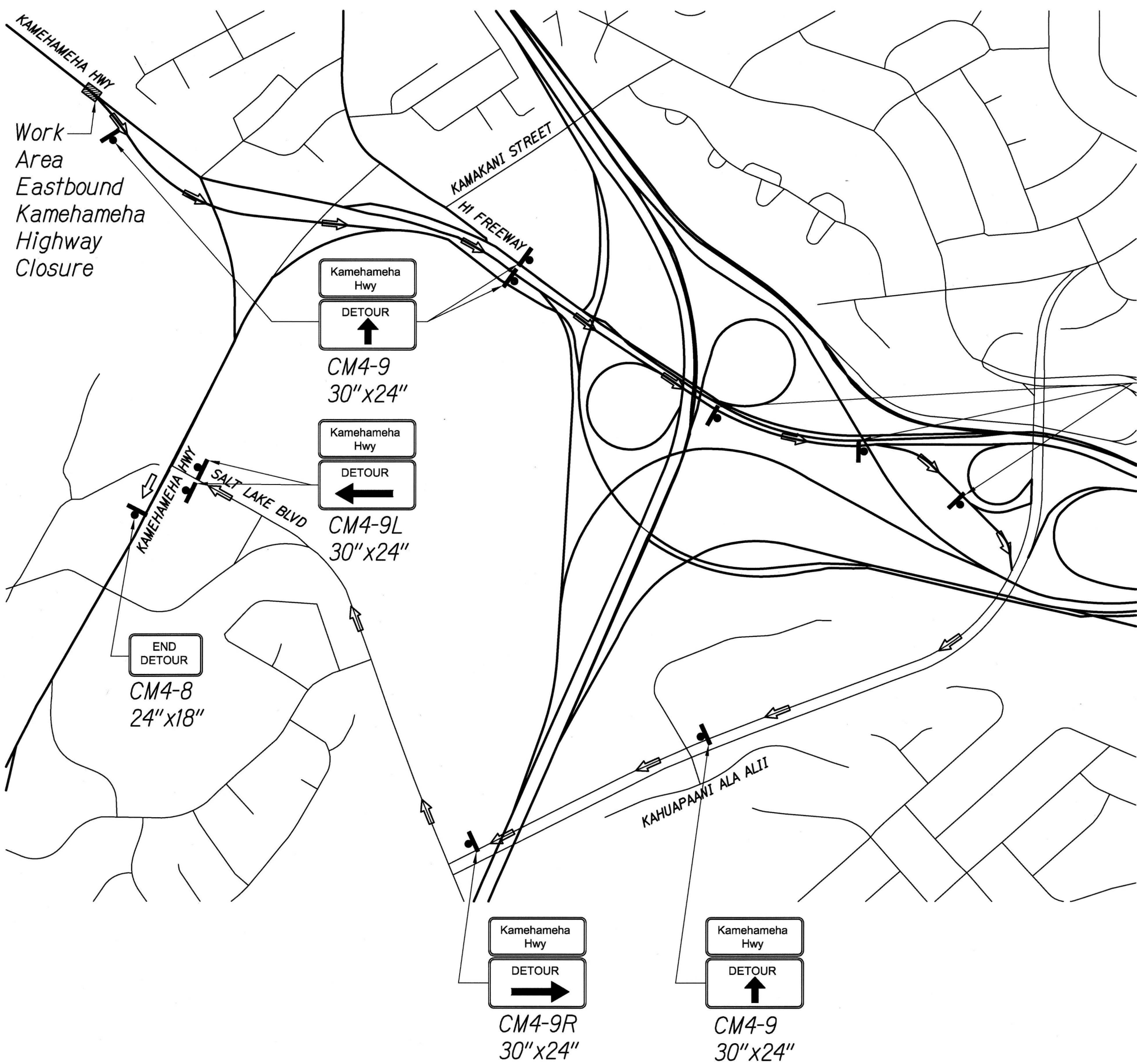


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	174	191



TRAFFIC CONTROL PLAN PHASE 1  
Not To Scale

1  
C11.3 C11.3



TRAFFIC CONTROL PLAN PHASE 2  
Not To Scale

2  
C11.3 C11.3



Michael P. Hummelmann  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**78EBR-822 TRAFFIC CONTROL  
PLAN - PHASE 1 AND 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown      Date: May 2016  
SHEET No. C11.3 OF 191 SHEETS

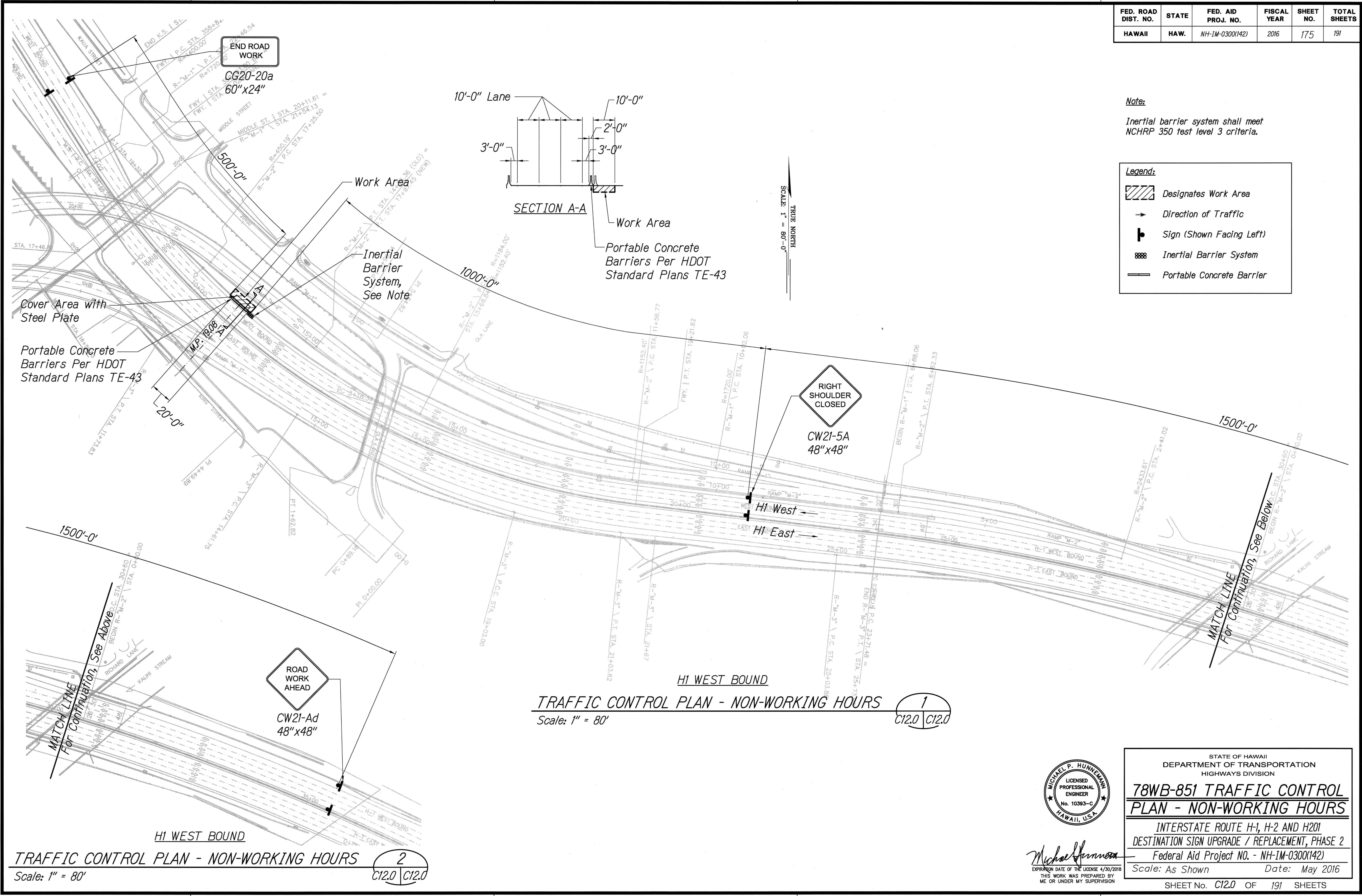


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	175	191

Note:  
Inertial barrier system shall meet NCHRP 350 test level 3 criteria.

**Legend:**

- Designates Work Area
- Direction of Traffic
- Sign (Shown Facing Left)
- Inertial Barrier System
- Portable Concrete Barrier



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

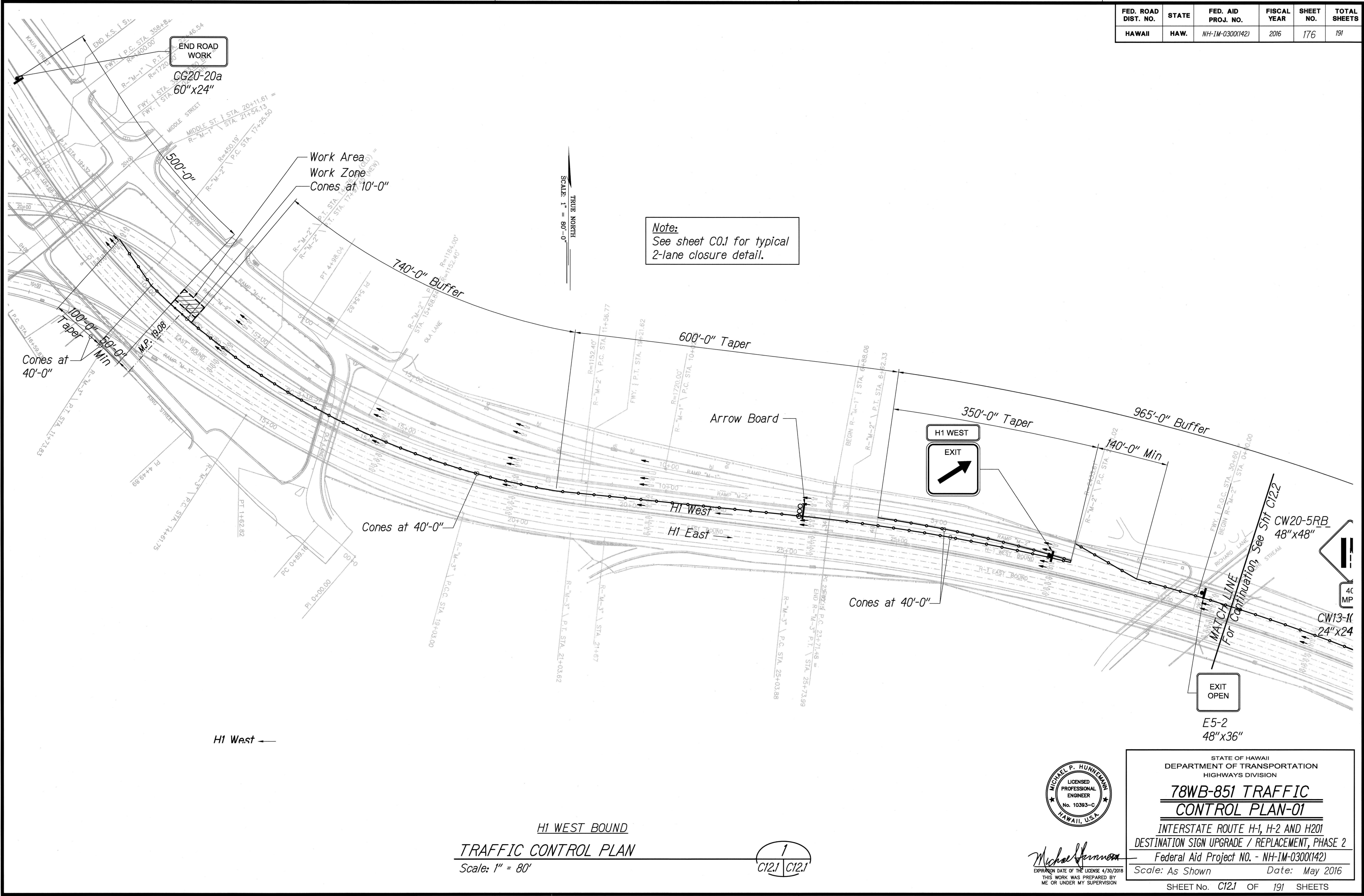
**78WB-851 TRAFFIC CONTROL PLAN - NON-WORKING HOURS**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

SHEET No. C12.0 OF 191 SHEETS

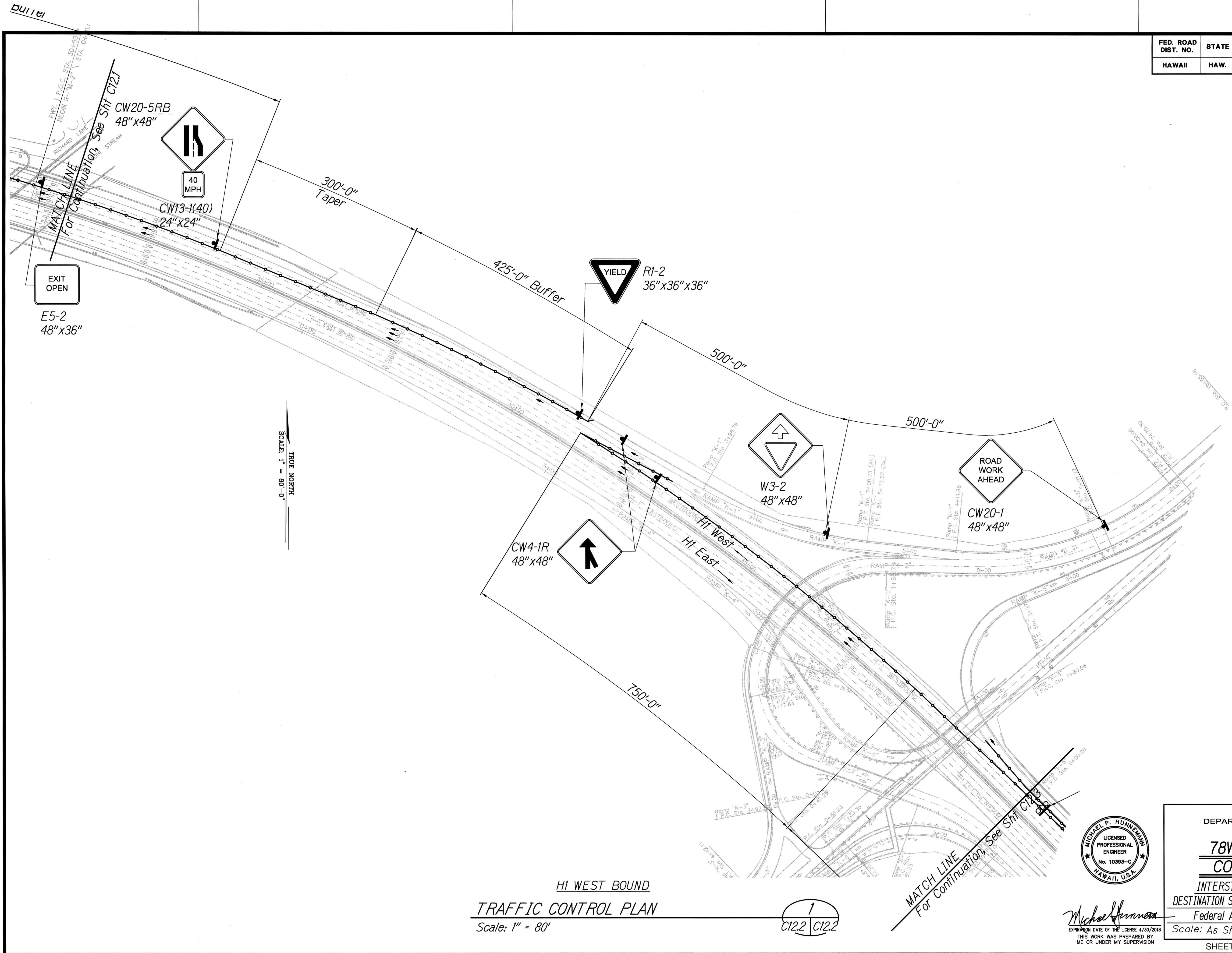


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	176	191





FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	177	191



HI WEST BOUND  
TRAFFIC CONTROL PLAN  
Scale: 1" = 80'

1  
C12.2 C12.2



Michael P. Hummelmann  
EXPIRATION DATE OF THE LICENSE: 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78WB-851 TRAFFIC  
CONTROL PLAN-02**

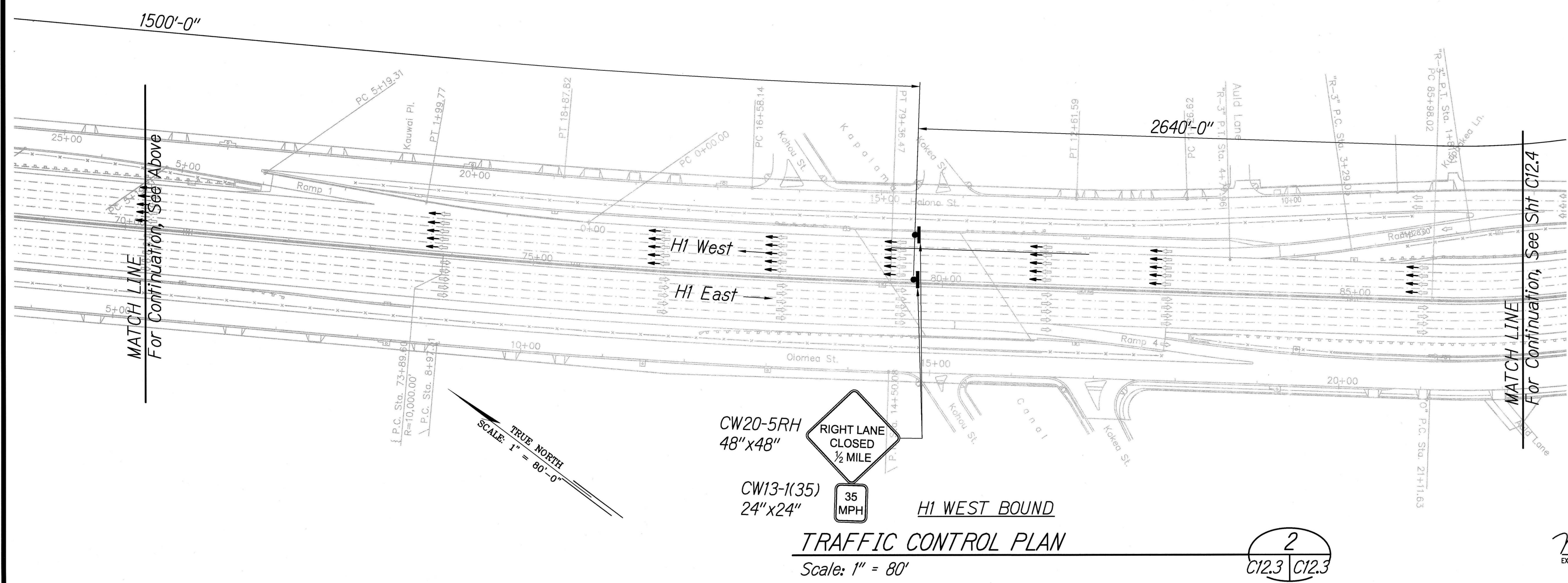
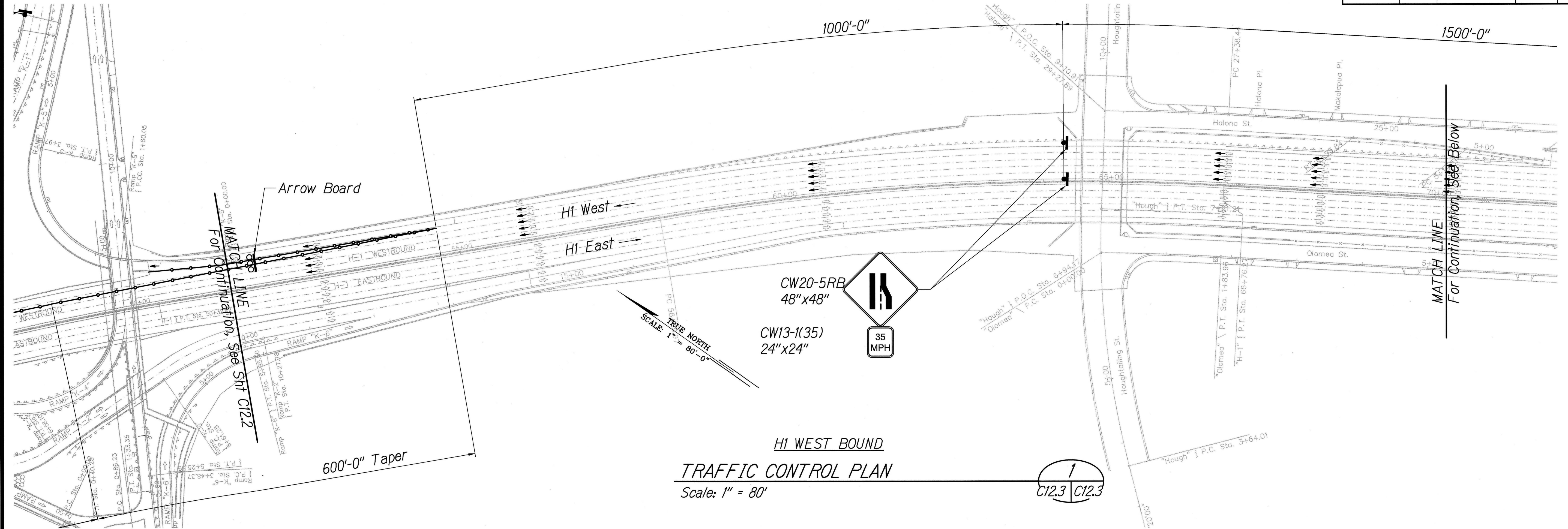
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C12.2 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	178	191



Michael P. Hunneman  
 EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**78WB-851 TRAFFIC CONTROL PLAN-03**

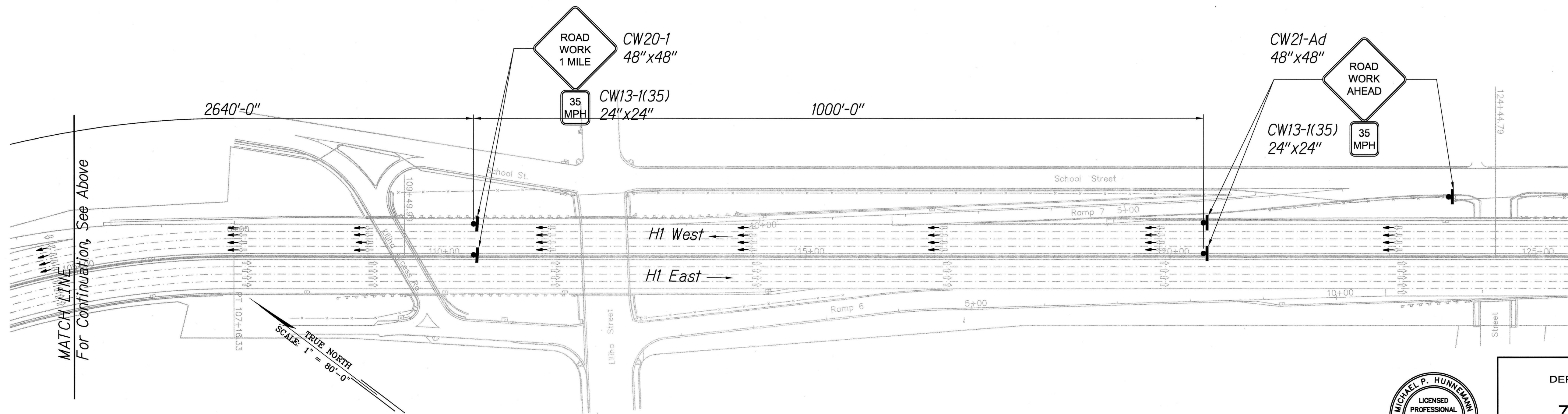
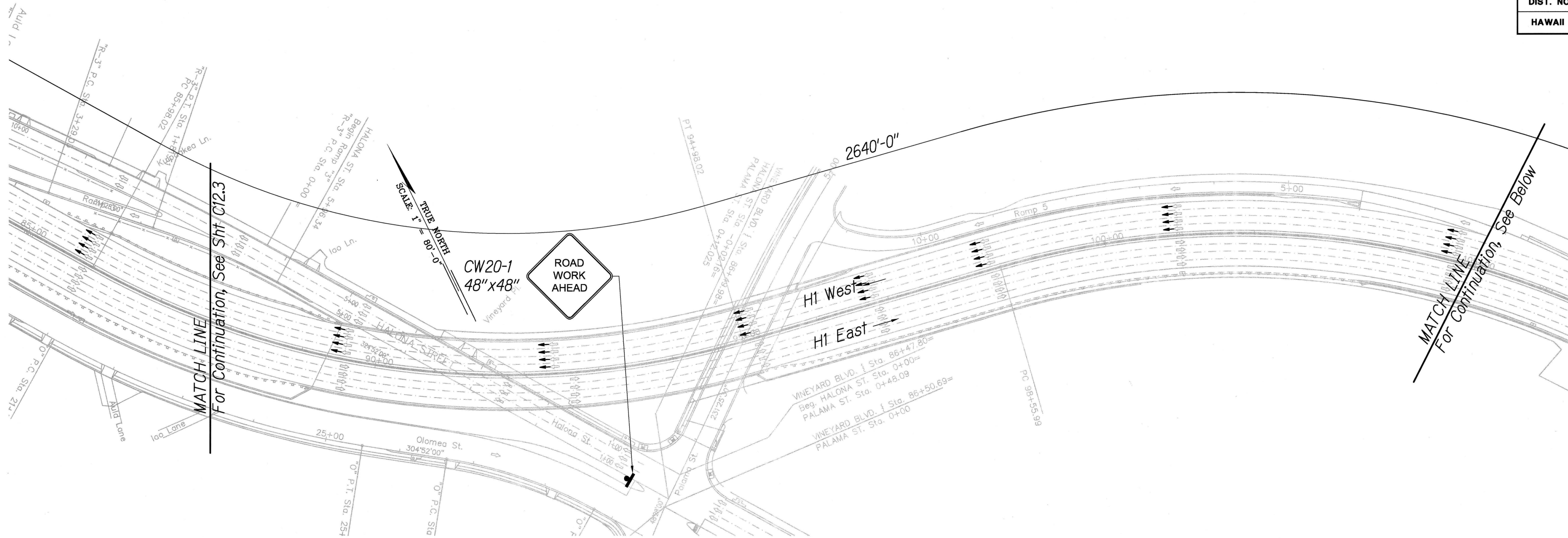
INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C12.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	179	191



Michael P. Humele  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78WB-851 TRAFFIC  
CONTROL PLAN-04**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

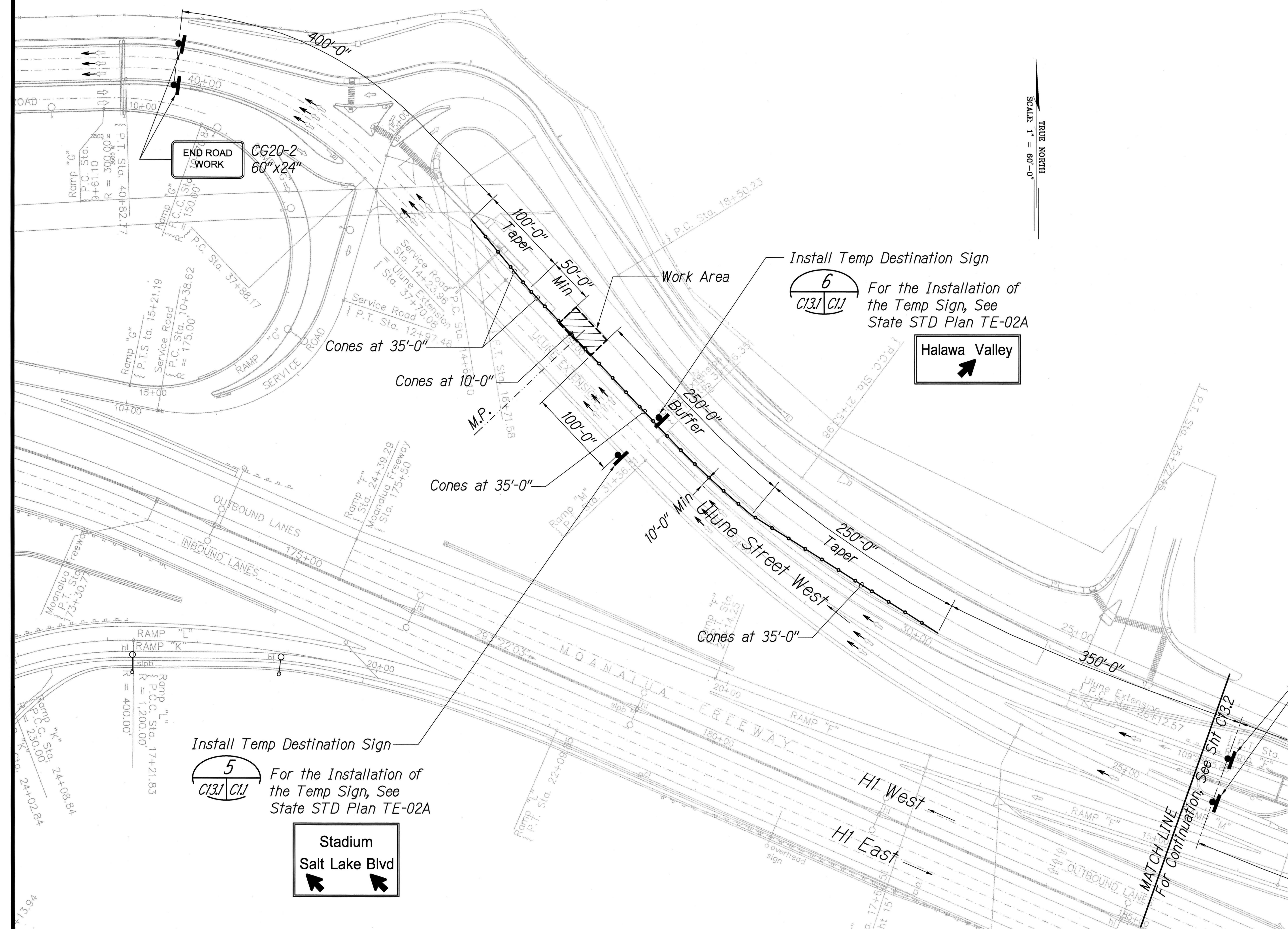
SHEET No. C12.4 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	180	191

**Legend:**

	Designates Work Area
	Retro Reflective Cone
	Direction of Traffic
	Arrow Board
	Sign (Shown Facing Left)
	Police Officer
	Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-01 PHASE 1

Scale: 1" = 60'

1  
C13.1 C13.1










*Michael P. Hunneman*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

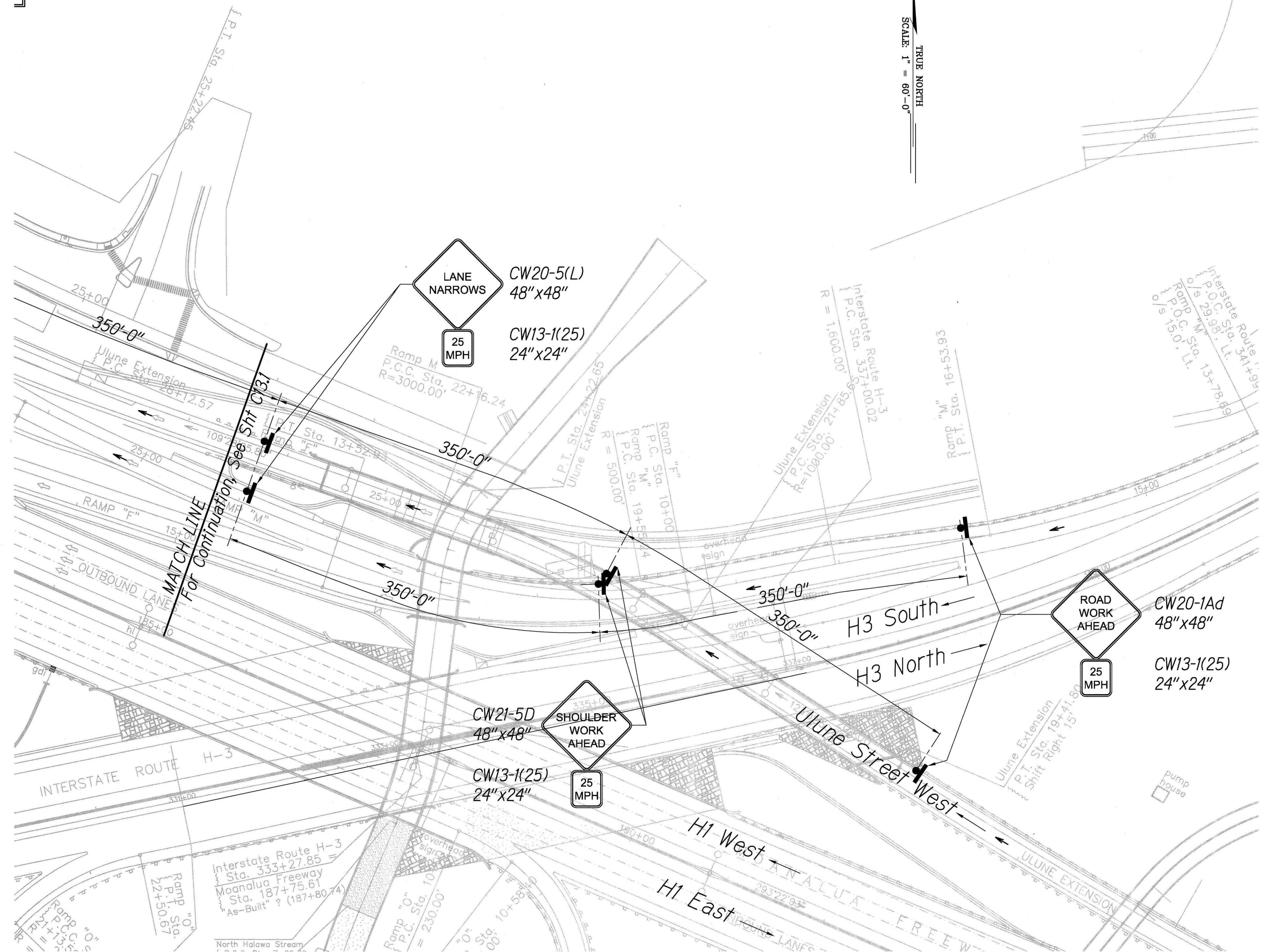
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
<b>78WBR-871 TRAFFIC CONTROL PLAN-01 PHASE 1</b>	
INTERSTATE ROUTE H-1, H-2 AND H-201 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2	
Federal Aid Project NO. - NH-1M-0300(142)	
Scale: As Shown	Date: May 2016
SHEET No. C13.1 OF 191 SHEETS	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	181	191

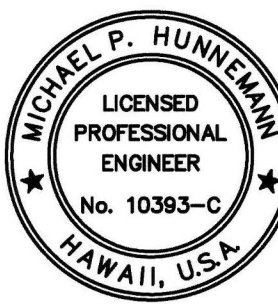
**Legend:**

-  Designates Work Area
-  Retro Reflective Cone
-  Direction of Traffic
-  Arrow Board
-  Sign (Shown Facing Left)
-  Police Officer
-  Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-02 PHASE 1  
 Scale: 1" = 60'

1  
 C13.2 C13.2



*Michael P. Hunter*  
 EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY  
 ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**78WBR-871 TRAFFIC CONTROL  
 PLAN-02 PHASE 1**

INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)

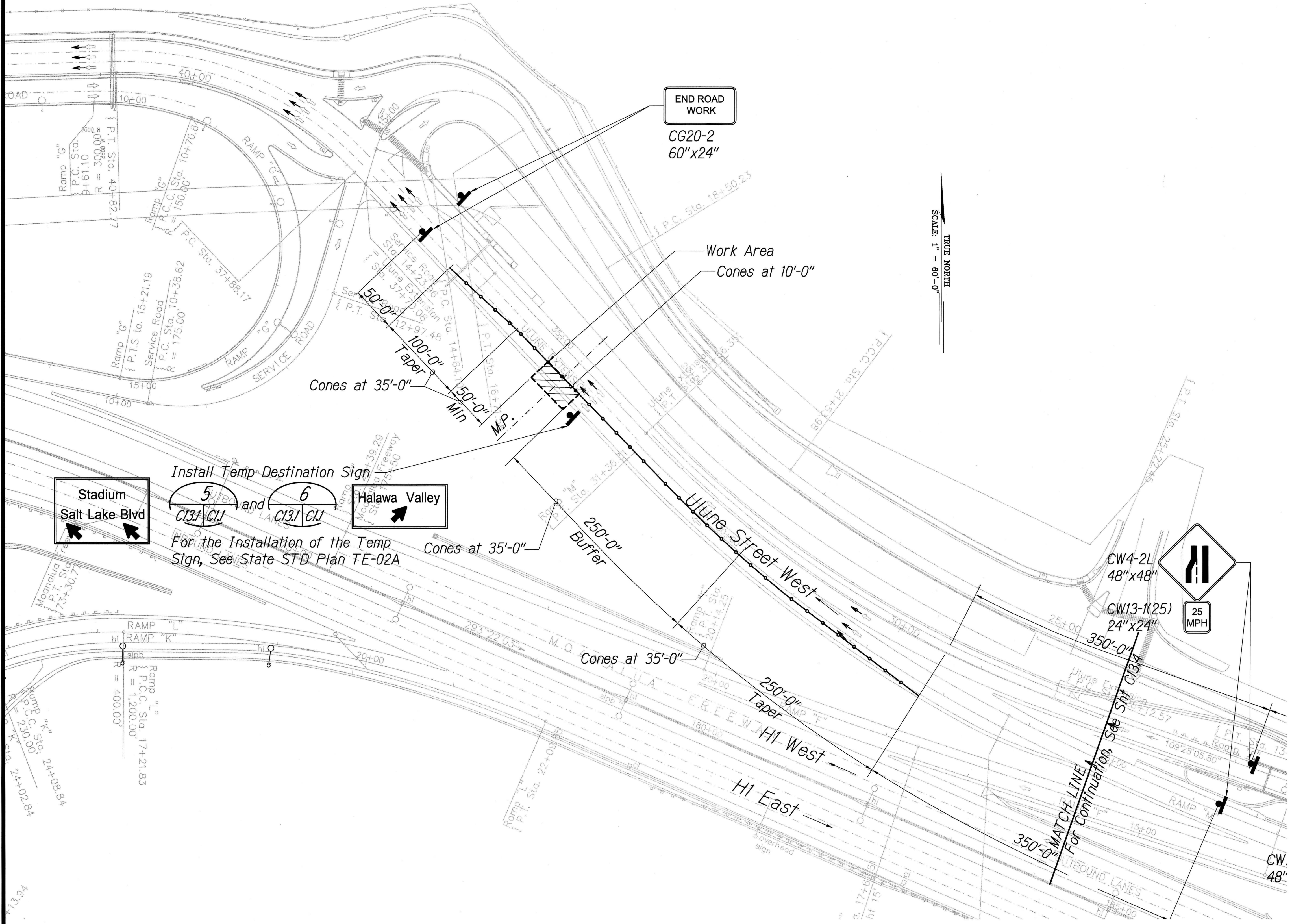
Scale: As Shown Date: May 2016

SHEET No. C13.2 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	182	191

- Legend:
- Designates Work Area
  - Retro Reflective Cone
  - Direction of Traffic
  - Arrow Board
  - Sign (Shown Facing Left)
  - Police Officer
  - Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-01 PHASE 2  
Scale: 1" = 60'

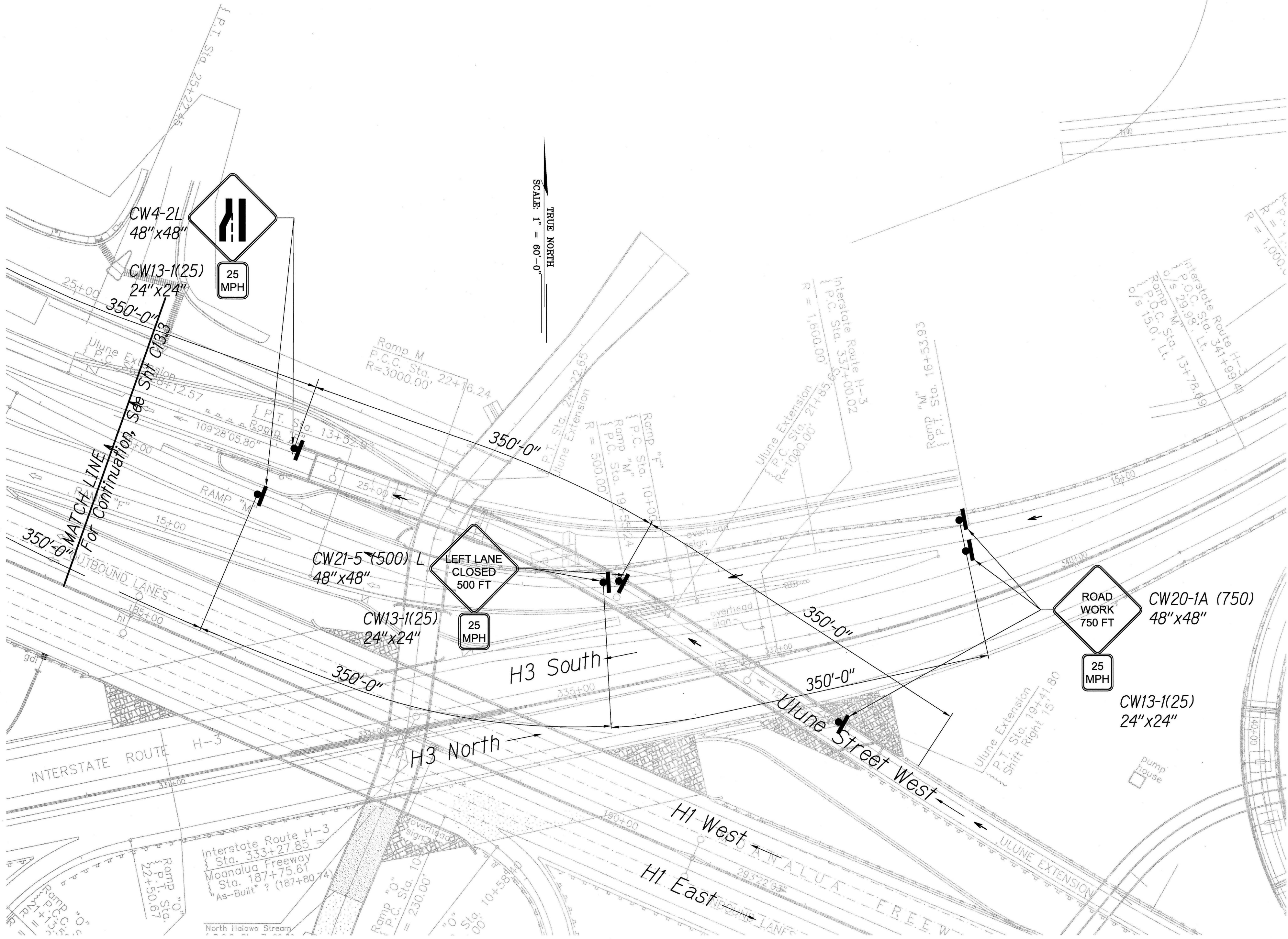
MICHAEL P. HUNTER  
LICENSED PROFESSIONAL ENGINEER  
No. 10393-C  
HAWAII, U.S.A.

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**78WBR-871 TRAFFIC CONTROL**  
**PLAN-01 PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C13.3 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	183	191

- Legend:
- Designates Work Area
  - Retro Reflective Cone
  - Direction of Traffic
  - Arrow Board
  - Sign (Shown Facing Left)
  - Police Officer
  - Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-02 PHASE 2 1  
Scale: 1" = 60' C13.4 C13.4



*Michael P. Hunter*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION


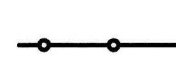





**78WBR-871 TRAFFIC CONTROL**  
**PLAN-02 PHASE 2**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016

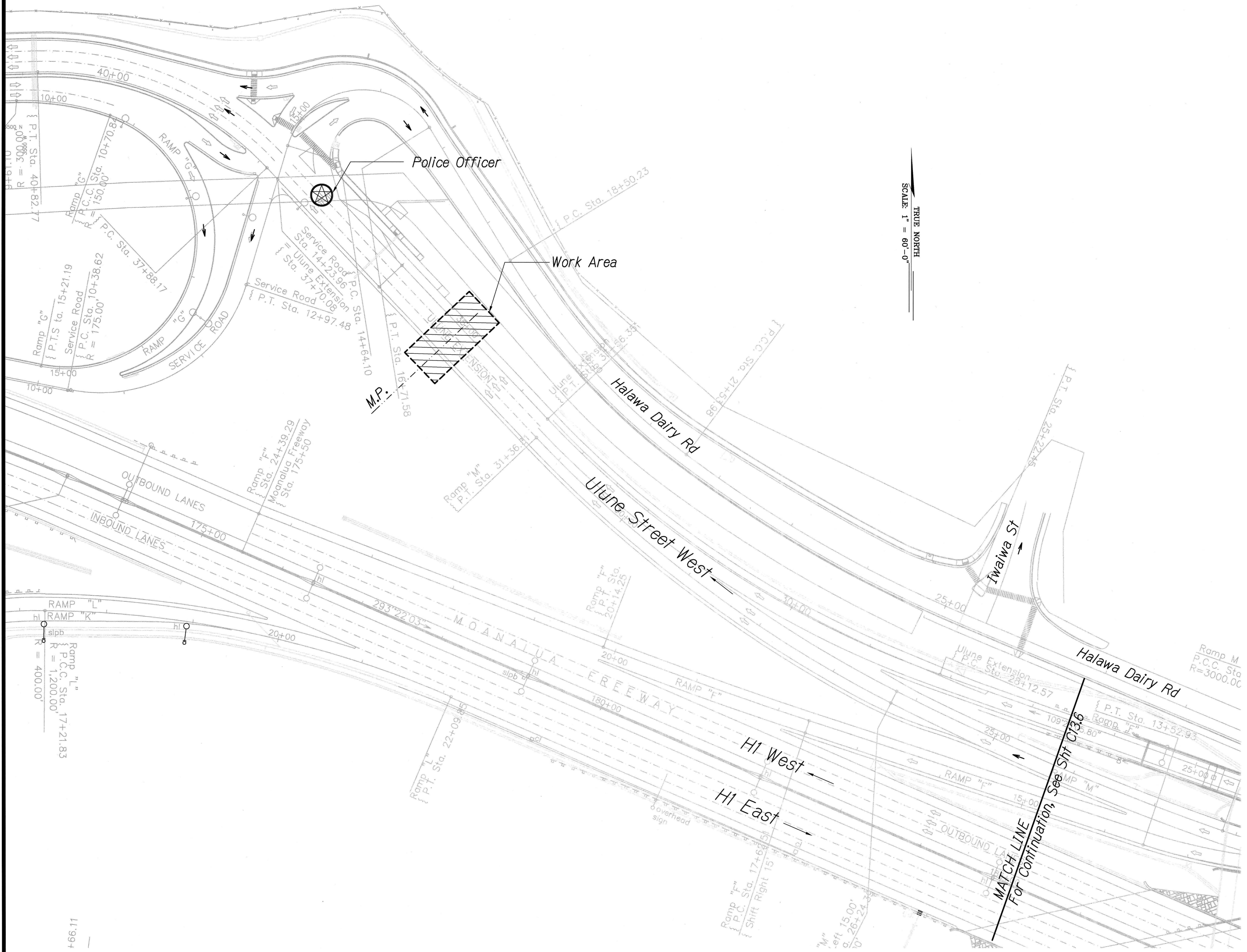
SHEET No. C13.4 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	184	191

Legend:

-  Designates Work Area
-  Retro Reflective Cone
-  Direction of Traffic
-  Arrow Board
-  Sign (Shown Facing Left)
-  Police Officer
-  Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-01 PHASE 3  
Scale: 1" = 60'

1  
C13.5 C13.5



Michael P. Hummer  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

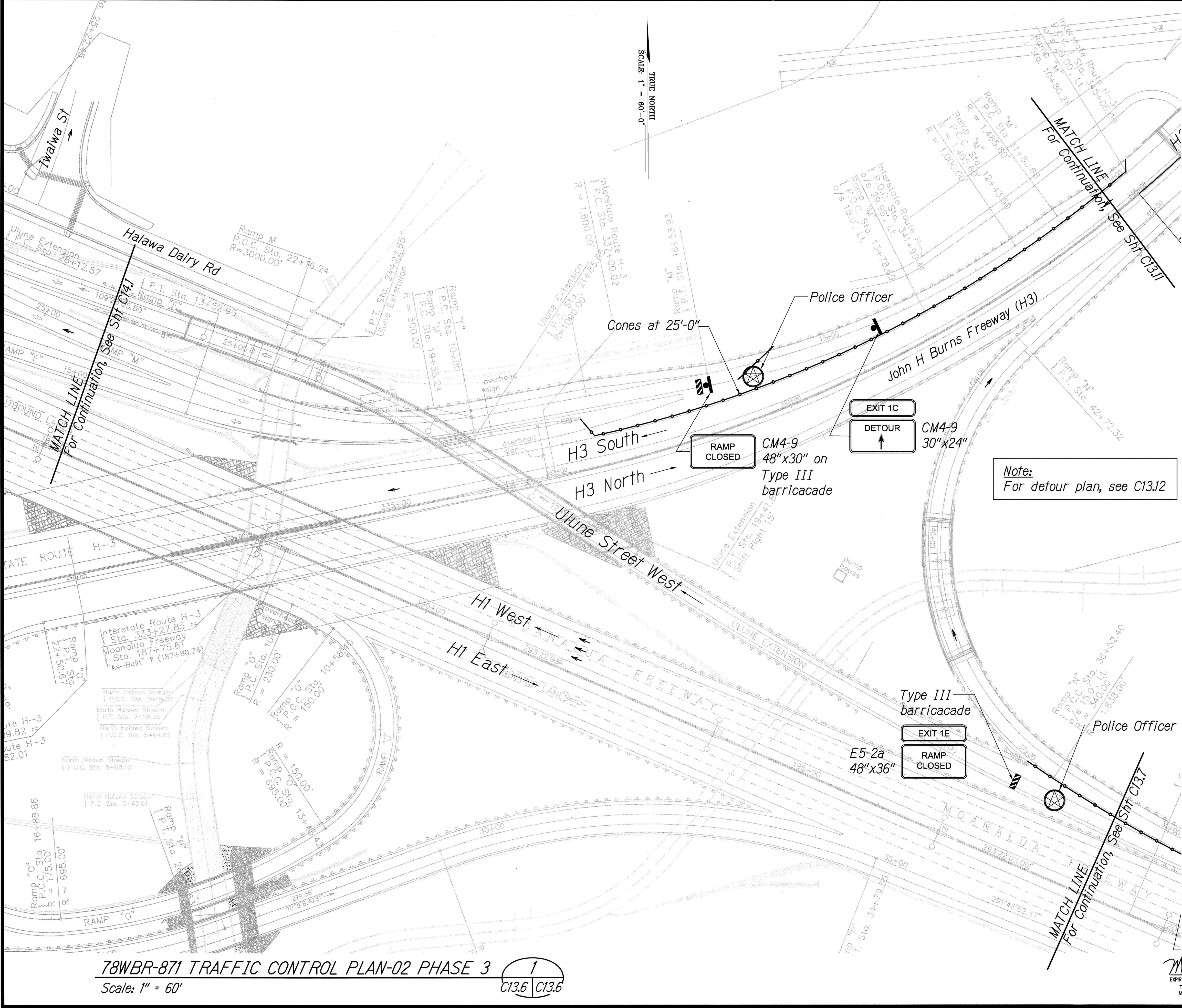
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**78WBR-871 TRAFFIC CONTROL  
PLAN-01 PHASE 3**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C13.5 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	185	191

Legend:

- Designates Work Area
- Retro Reflective Cone
- Direction of Traffic
- Arrow Board
- Sign (Shown Facing Left)
- Police Officer
- Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-02 PHASE 3  
Scale: 1" = 60'



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78WBR-871 TRAFFIC CONTROL  
PLAN-02 PHASE 3**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

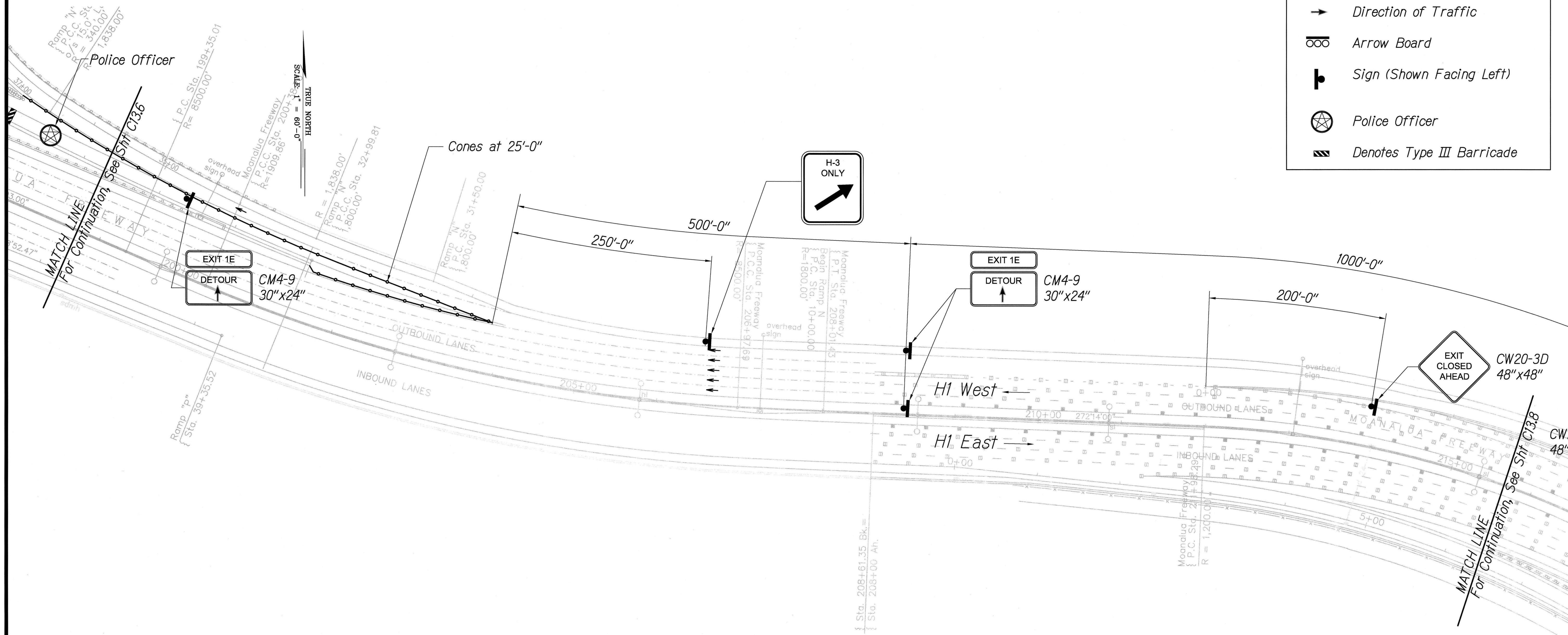
SHEET No. C13.6 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	186	191

**Legend:**

- Designates Work Area
- Retro Reflective Cone
- Direction of Traffic
- Arrow Board
- Sign (Shown Facing Left)
- Police Officer
- Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-03 PHASE 3  
 Scale: 1" = 60'



STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**78WBR-871 TRAFFIC CONTROL  
 PLAN-03 PHASE 3**

INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C13.7 OF 191 SHEETS


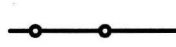







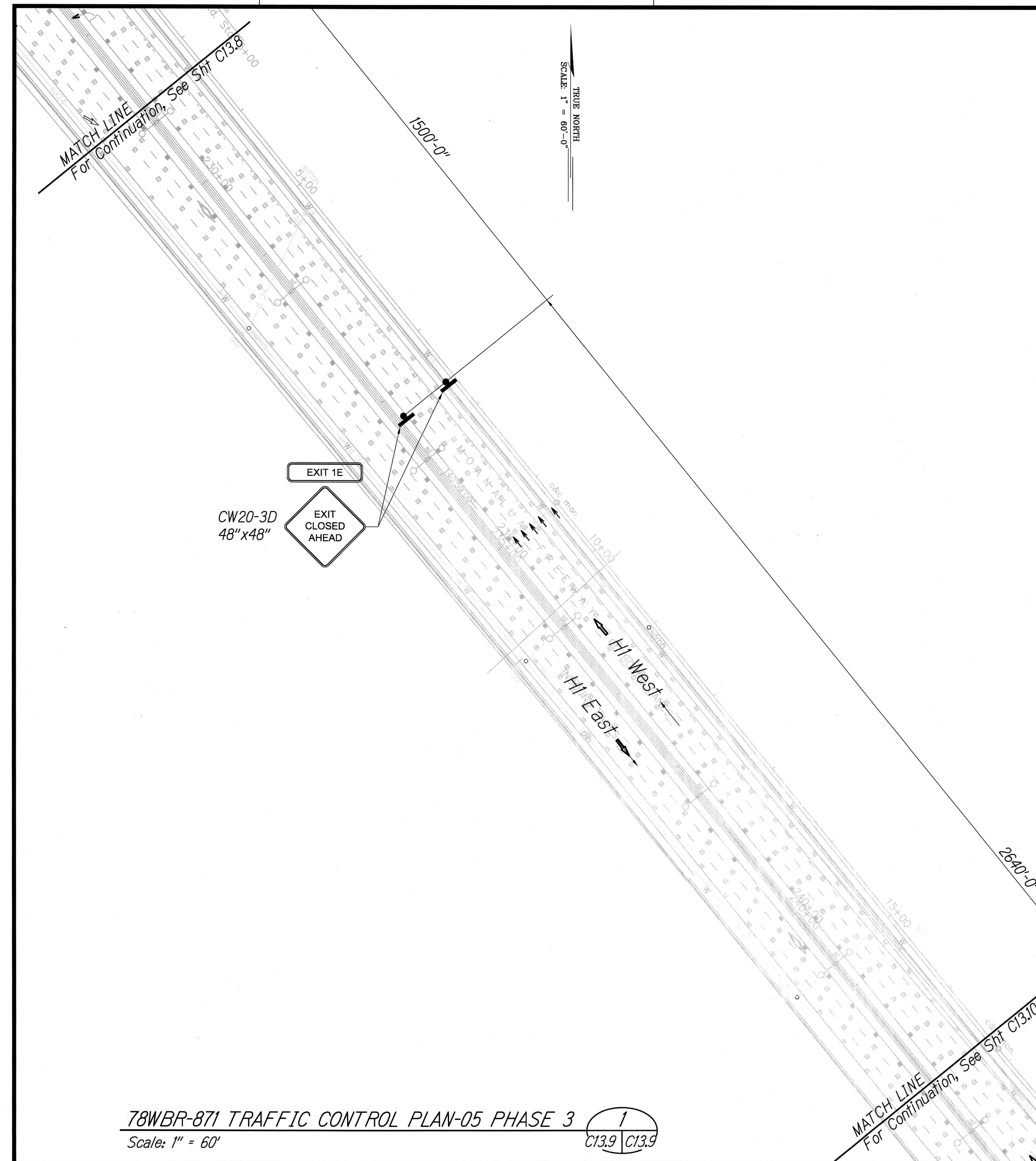




FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	188	191

Legend:

	Designates Work Area
	Retro Reflective Cone
	Direction of Traffic
	Arrow Board
	Sign (Shown Facing Left)
	Police Officer
	Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-05 PHASE 3  
Scale: 1" = 60'



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78WBR-871 TRAFFIC CONTROL  
PLAN-05 PHASE 3**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)


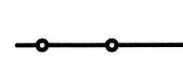





Scale: As Shown Date: May 2016

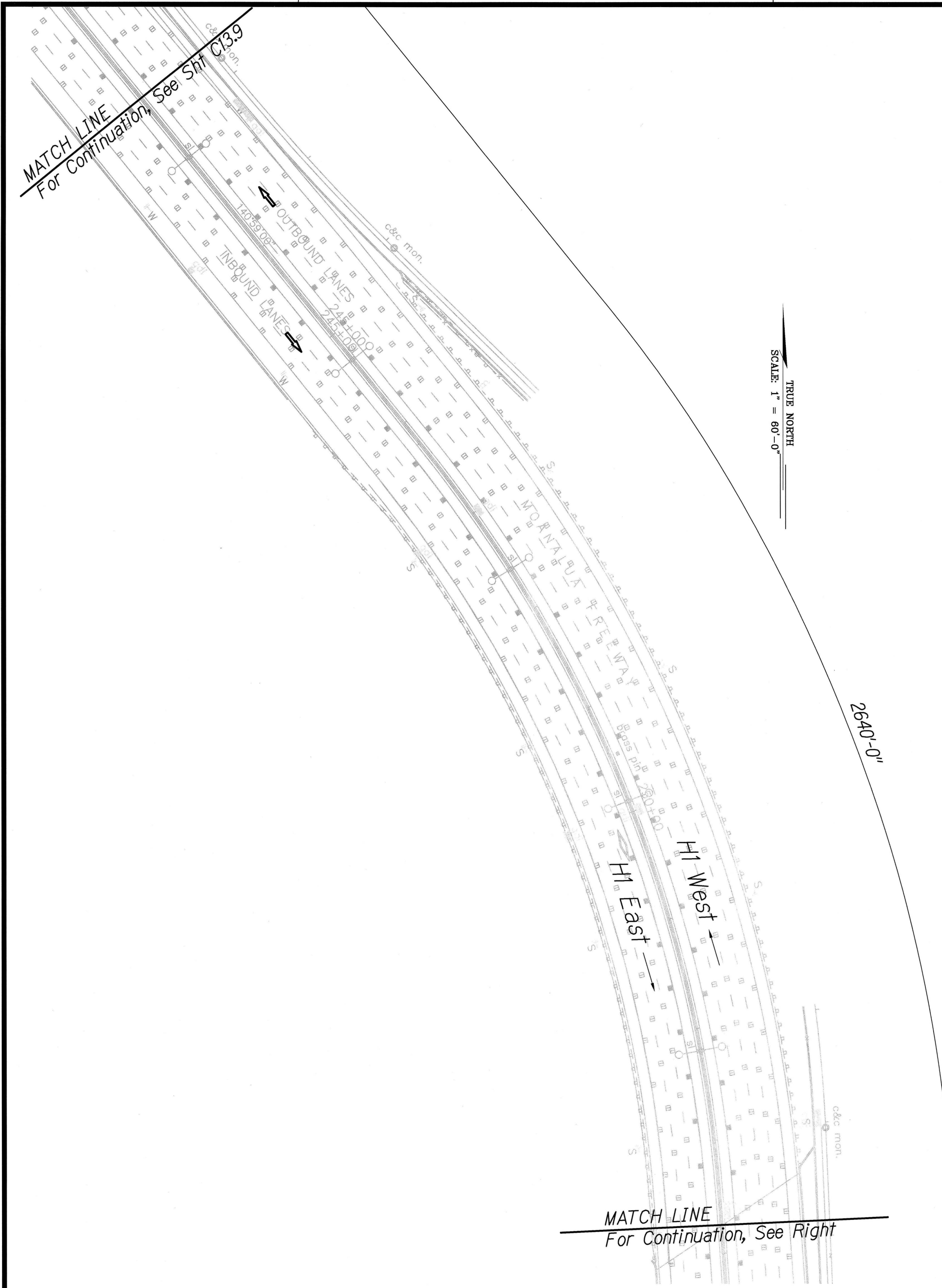
SHEET No. C13.9 OF 191 SHEETS



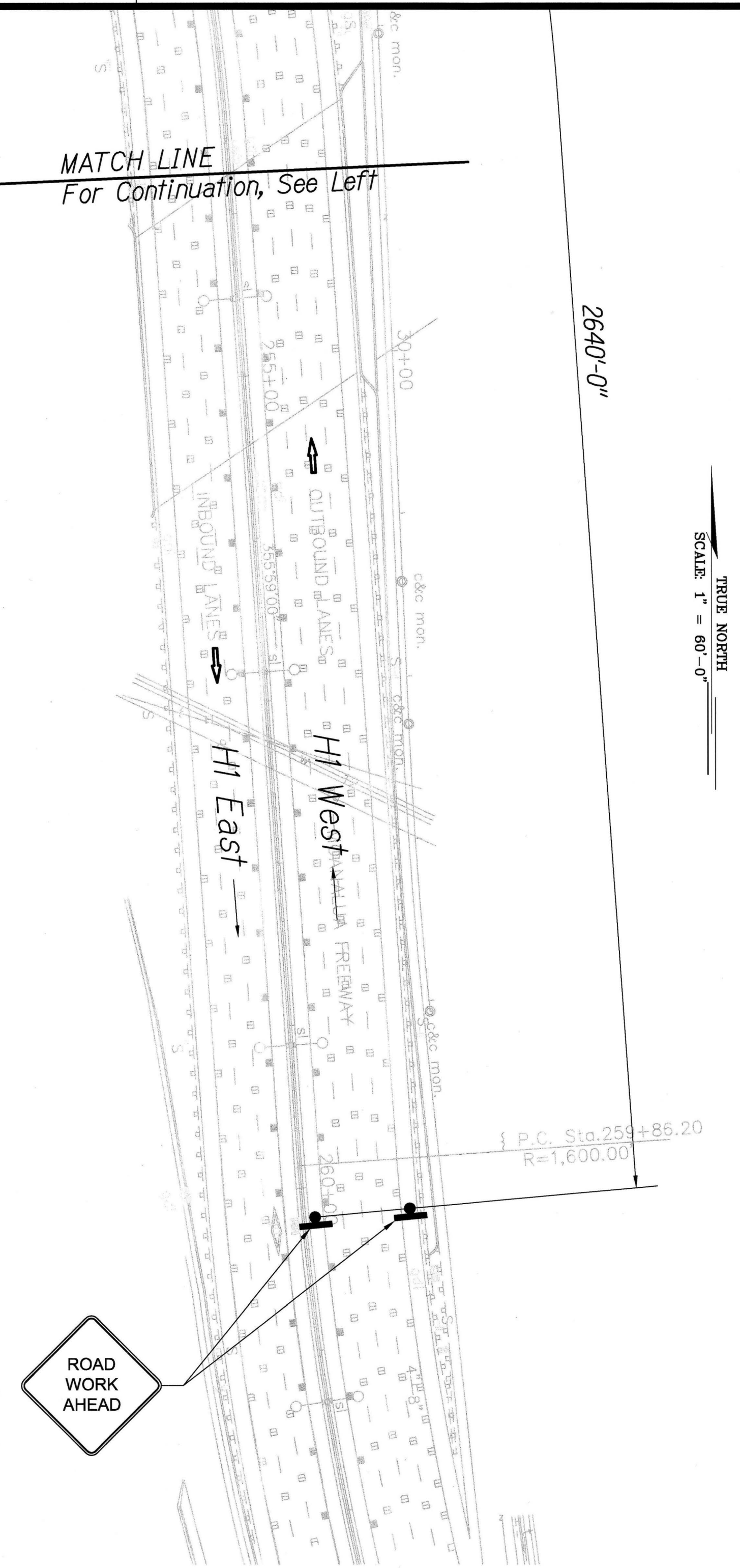
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	189	191

Legend:

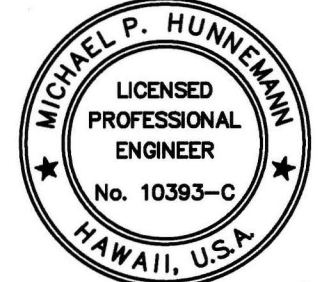
-  Designates Work Area
-  Retro Reflective Cone
-  Direction of Traffic
-  Arrow Board
-  Sign (Shown Facing Left)
-  Police Officer
-  Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-06 PHASE 3 1  
Scale: 1" = 60' C13.10 C13.10



78WBR-871 TRAFFIC CONTROL PLAN-07 PHASE 3 2  
Scale: 1" = 60' C13.10 C13.10



*Michael P. Hunneman*  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**78WBR-871 TRAFFIC CONTROL  
PLAN-06/07 PHASE 3**

INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

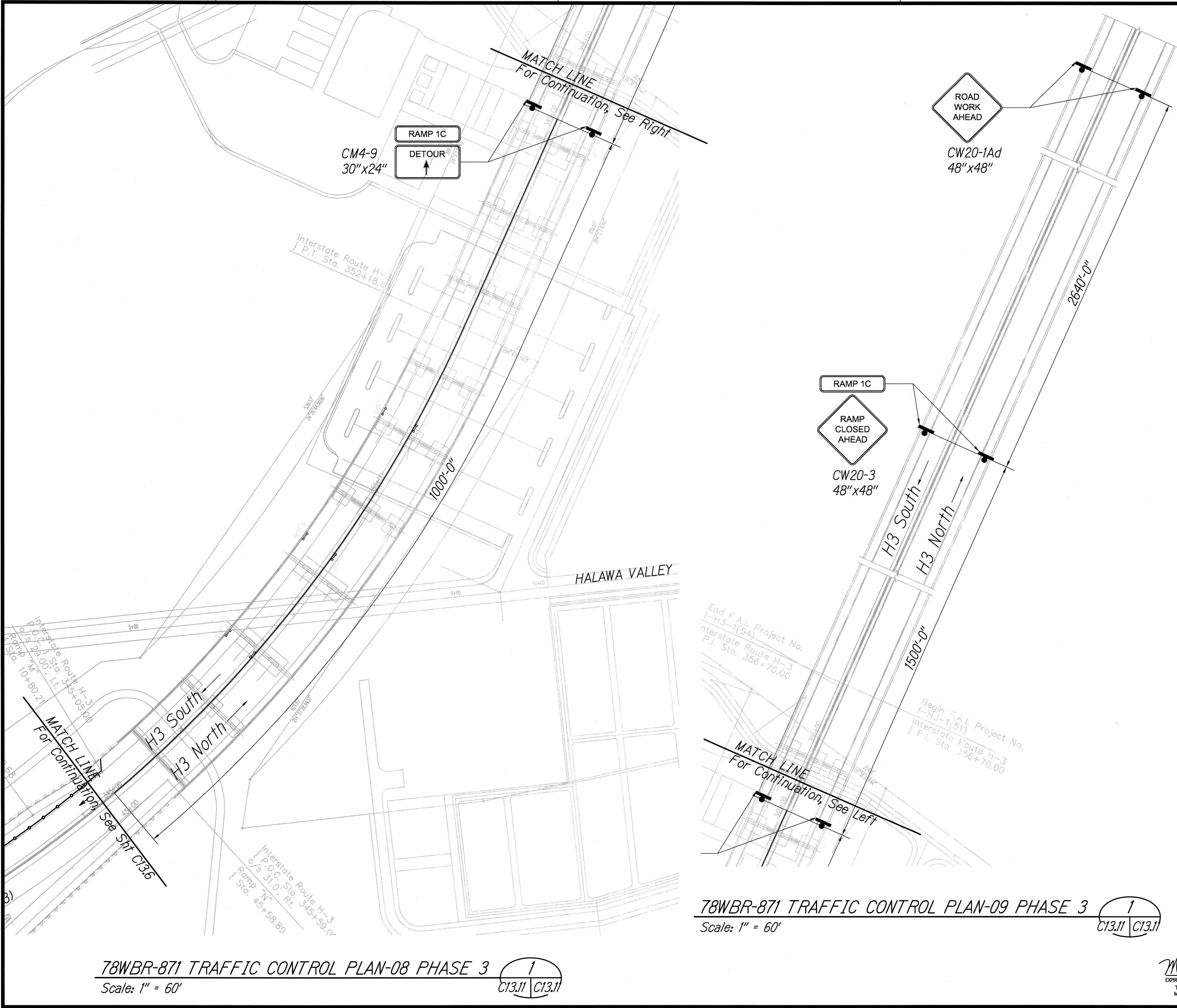
SHEET No. C13.10 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	190	191

**Legend:**

- Designates Work Area
- Retro Reflective Cone
- Direction of Traffic
- Arrow Board
- Sign (Shown Facing Left)
- Police Officer
- Denotes Type III Barricade



78WBR-871 TRAFFIC CONTROL PLAN-08 PHASE 3 1  
 Scale: 1" = 60' C13.11 C13.11

78WBR-871 TRAFFIC CONTROL PLAN-09 PHASE 3 1  
 Scale: 1" = 60' C13.11 C13.11



*Michael P. Hunneman*  
 EXPIRATION DATE OF THE LICENSE 4/30/2018  
 THIS WORK WAS PREPARED BY  
 ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
 DEPARTMENT OF TRANSPORTATION  
 HIGHWAYS DIVISION

**78WBR-871 TRAFFIC CONTROL  
 PLAN-08 PHASE 3**

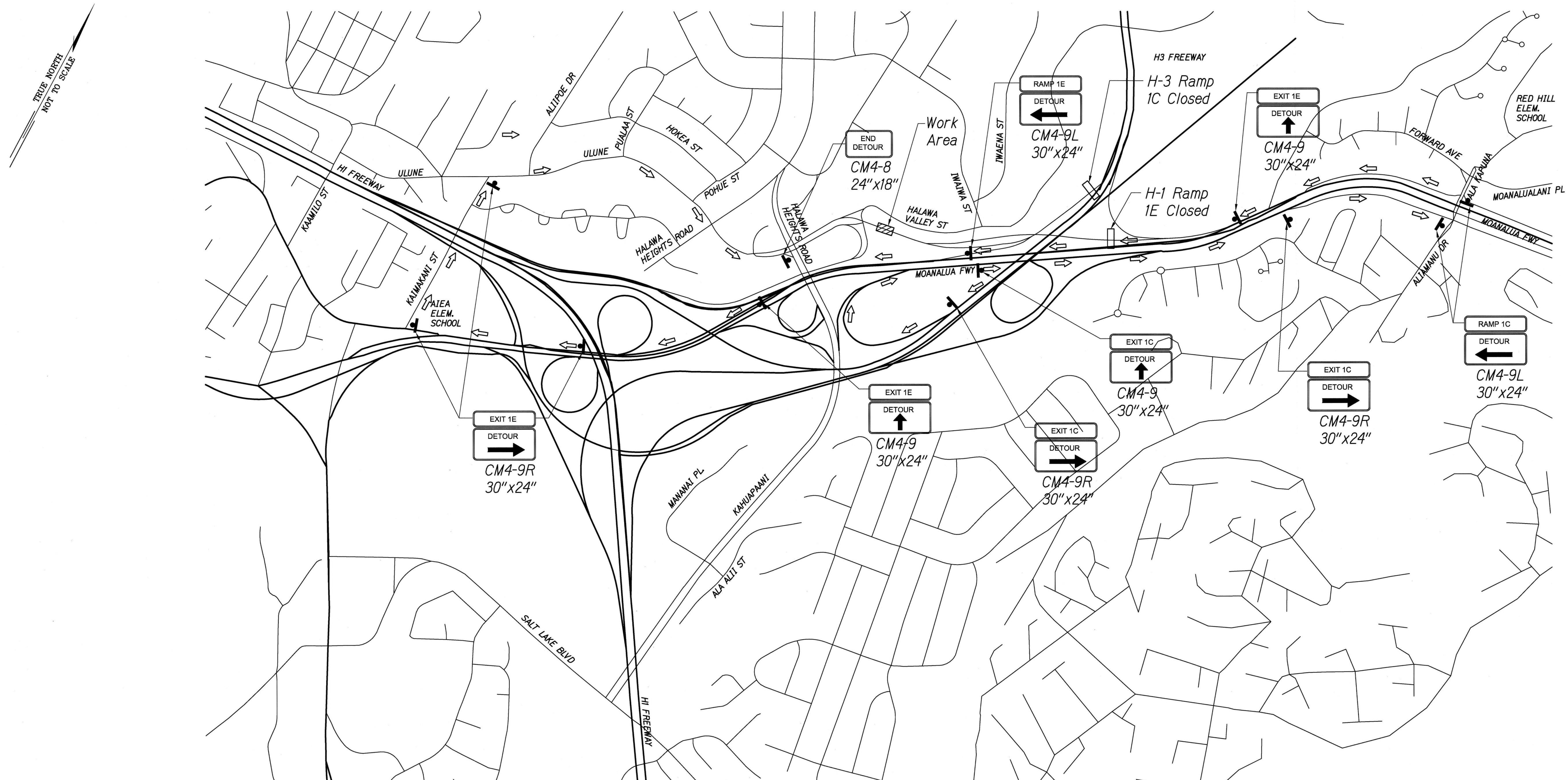
INTERSTATE ROUTE H-1, H-2 AND H201  
 DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
 Federal Aid Project NO. - NH-1M-0300(142)

Scale: As Shown Date: May 2016

SHEET No. C13.11 OF 191 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-1M-0300(142)	2016	191	191



**Note:**  
Contractor shall contact H-3 tunnel control center and coordinate use of freeway variable message signs for upcoming ramp and lane closure.

78WBR-871 TRAFFIC CONTROL PLAN - DETOUR ROUTE PLAN  
Not To Scale

1  
C13.12 C13.12



Michael P. Hunneman  
EXPIRATION DATE OF THE LICENSE 4/30/2018  
THIS WORK WAS PREPARED BY  
ME OR UNDER MY SUPERVISION

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**78WBR-871 TRAFFIC CONTROL  
PLAN-DETOUR ROUTE PLAN**  
INTERSTATE ROUTE H-1, H-2 AND H201  
DESTINATION SIGN UPGRADE / REPLACEMENT, PHASE 2  
Federal Aid Project NO. - NH-1M-0300(142)  
Scale: As Shown Date: May 2016  
SHEET No. C13.12 OF 191 SHEETS