

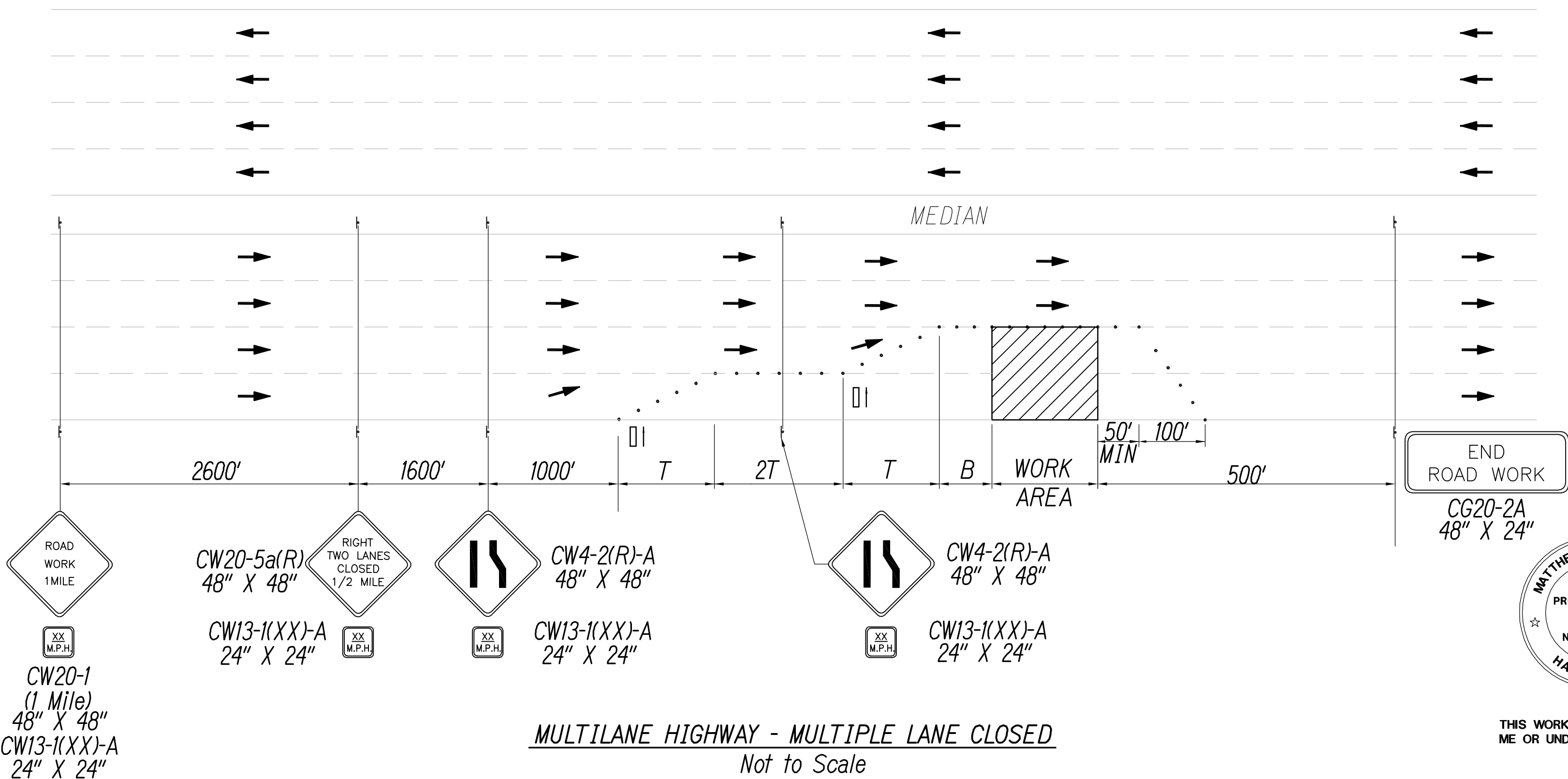
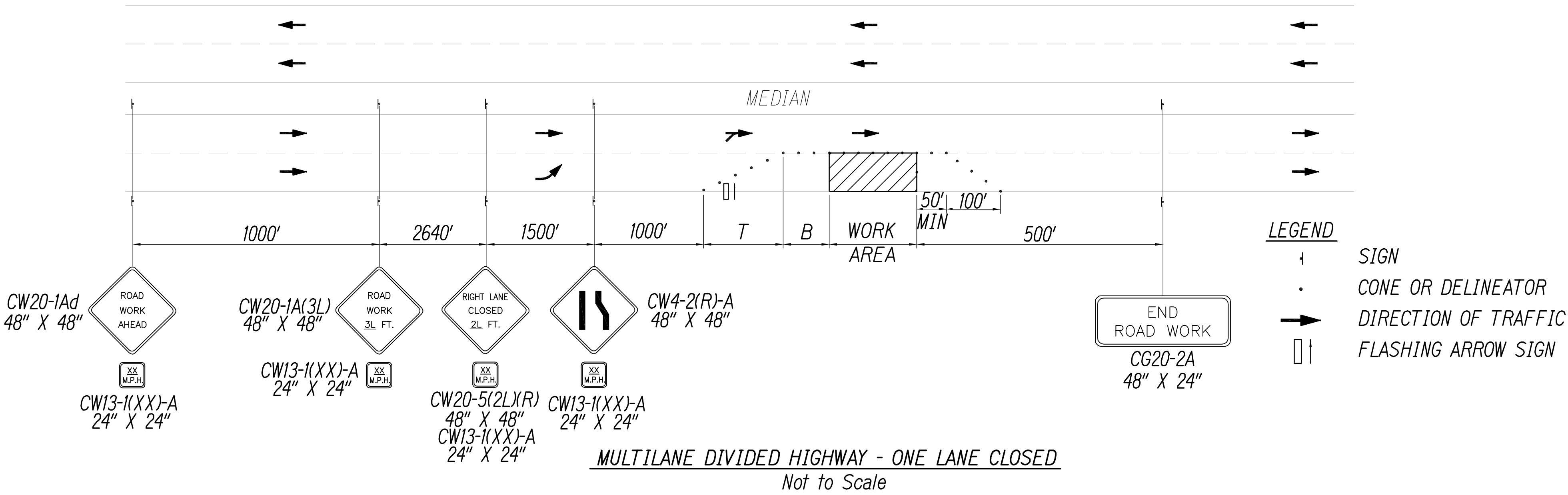
GENERAL NOTES FOR TRAFFIC CONTROL PLAN:

- The Permittee Shall Make Minor Adjustments at Intersections, Driveways, Bridges, Structures, Etc., to Fit Field Conditions.
- Cones or Delineators Shall be Extended to a Point Where They are Visible to Approaching Traffic.
- Traffic Control Devices Shall be Installed Such That the Sign or Device Farthest From the Work Area Shall be Placed First. The Others Shall Then be Placed Progressively Toward the Work Area.
- Regulatory and Warning Signs Within the Construction Zone that are in Conflict with the Traffic Control Plans Shall be Removed or Covered. All Signs Shall be Restored Upon Completion of the Work.
- Furnish two police officers for each location that requires work zone traffic control to be paid for under lump sum traffic control pay item.
- Flaggers and/or Police officers Shall be in Sight of Each Other or in Direct Communication at all Times.
- When Required by the issuing Officer, The Permittee Shall Install a Flashing Arrow Signal as Shown on the Traffic Control Plans.
- Sign Spacings (L), Taper Lengths (T), Buffer Lengths (B), and Spacing of Cones or Delineators Shall be as Shown In Table 1, Unless Otherwise Noted on the Traffic Control Plans.
- All Traffic Lanes Shall be a Minimum of 10 Feet Wide.
- All Construction Warning Signs Shall be Promptly Removed or Covered Whenever the Message is not Applicable or not in Use.
- The Backs of All Signs Used for Traffic Control Shall be Appropriately Covered to Preclude the Display of Inapplicable Sign Messages (i.e., When Signs Have Messages on Both Faces).
- Replace Permanent Pavement Markings and Traffic Signs Upon Completion of Each Phase of Work.

TABLE 1 FOR TRAFFIC CONTROL PLAN

Posted Speed Limit (M.P.H.)	Sign Spacing (L) (Feet)	Taper Length (T) (Feet)		Buffer Length (B) (Feet)	Spacing of Cones or Delineators (Feet)		
		*W = 12' or Less	*W = Greater Than 12'		Taper	Tangent	Work Area
20	250	200	Wx17	115	20	20	10
25	250	200	Wx17	155	25	25	10
30	250	250	Wx20	200	30	30	10
35	250	250	Wx20	250	35	35	10
40	500	350	Wx30	305	40	40	10
45	500	550	Wx45	360	45	45	10
50	1000	600	Wx50	425	50	50	10
55	1000	700	Wx55	495	55	55	10

W = Width of* Lane, Shoulder, or Offset



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SIGNATURE: *Matthew K. Fujita* 4/30/18
EXPIRATION DATE OF THE LICENSE

LEGEND FOR AS-BUILT POSTINGS

- Squiggly line for as-built deletion
- Double line for as-built deletion
- Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

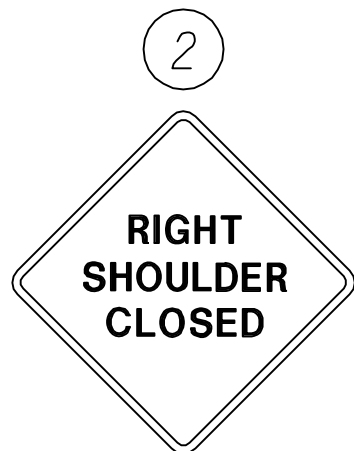
TRAFFIC CONTROL NOTES & DETAILS

INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2016

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	16	46



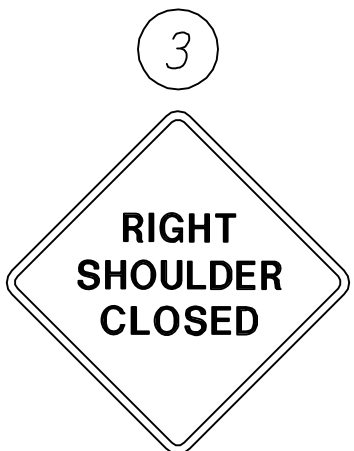
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48"x48"



CW21-5B-E
48"x48"

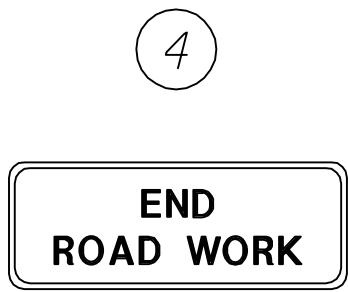
1500 FT.

Z1500FT-E
24"x8"

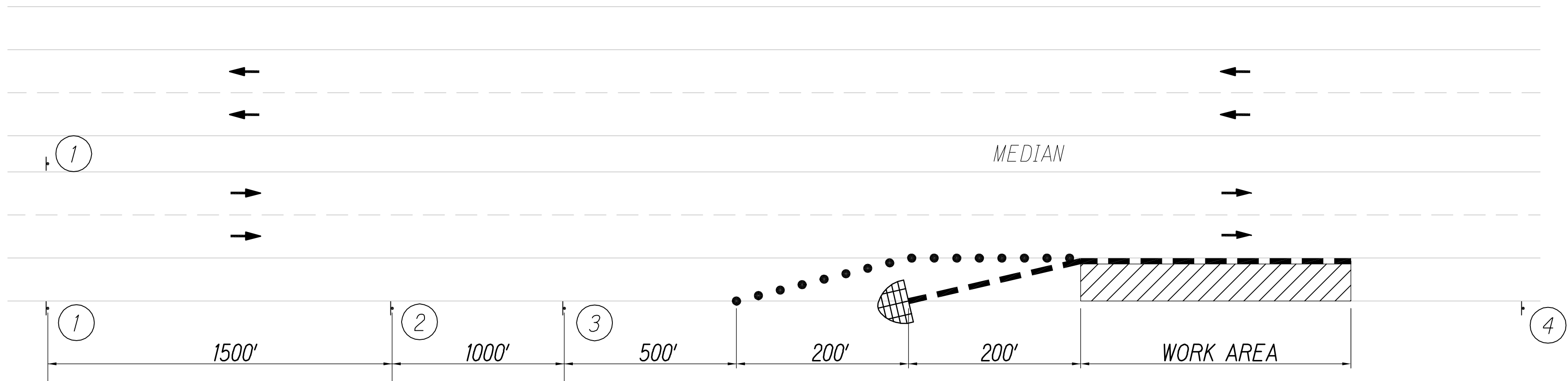


NEXT
XX MILES

CW21-5A-E
48"x48"



SG20-2a-E
60" X 24"



MULTILANE DIVIDED HIGHWAY -SHOULDER LANE CLOSURE
Not to Scale

LEGEND

- ↑ SIGN
- CONE OR DELINEATOR
- CONCRETE BARRIER WITH CRASH CUSHION AT END
- ➔ DIRECTION OF TRAFFIC

LEGEND FOR
AS-BUILT POSTINGS

~~~~~ Squiggly line for as-built deletion

±00.00 Double line for as-built deletion

Roadway Text for as-built posting



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EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

TRAFFIC CONTROL DETAILS

INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016

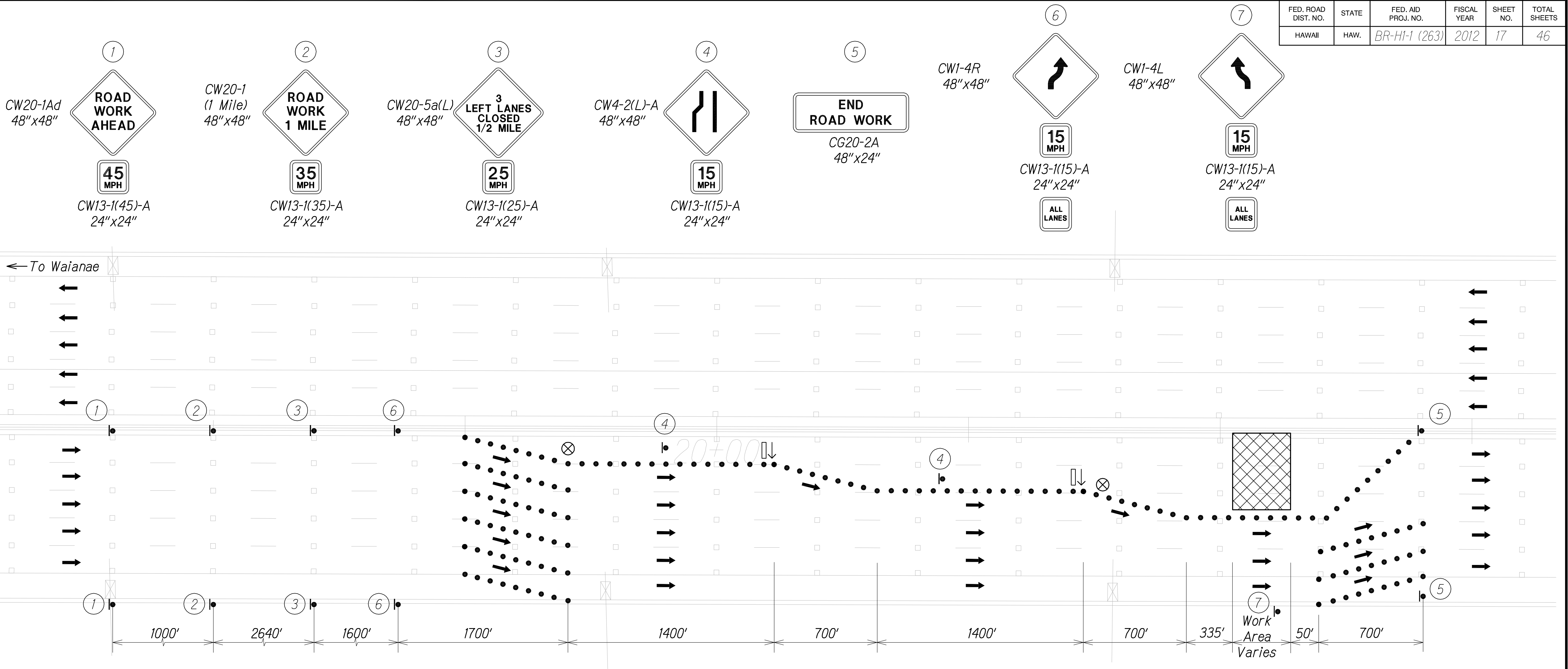
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| QC/QA REVIEW | 100% | DATE | June 1, 2016 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |

No. \_\_\_\_\_



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 17        | 46           |



Notes:

1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

Legend

- Sign
- Cone or Delineator
- ➔ Direction of Traffic
- ⬆ Flashing Arrow Sign
- ⊗ Police Officer

INBOUND TRAFFIC CONTROL PLAN 1

Not to Scale

LEGEND FOR AS-BUILT POSTINGS

- ~~~~~ Squiggly line for as-built deletion
- ±00.00± Double line for as-built deletion
- Roadway Text for as-built posting

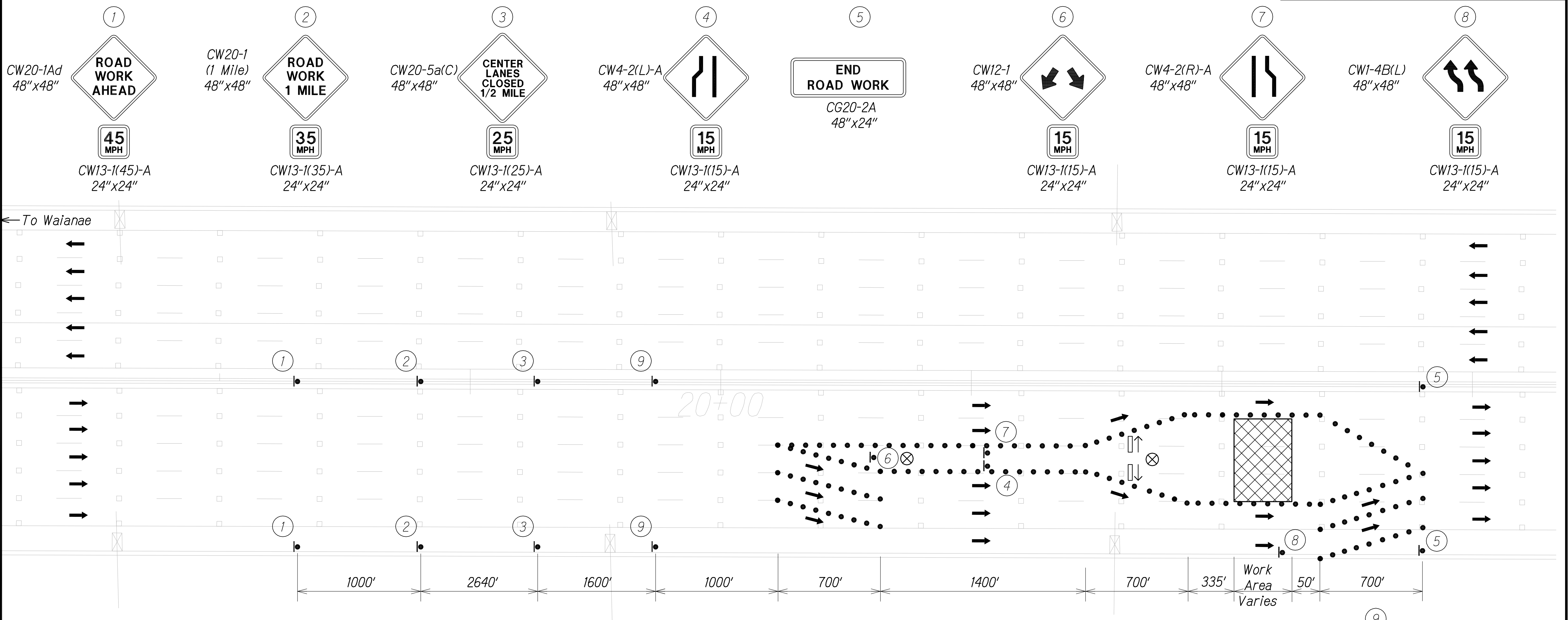


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*Matthew K. Fujita* 4/30/18  
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016

|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 18        | 46           |



Notes:

1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

Legend

- Sign
- Cone or Delineator
- ➔ Direction of Traffic
- ⬆ Flashing Arrow Sign
- ⊗ Police Officer

INBOUND TRAFFIC CONTROL PLAN 2

Not to Scale

**LEGEND FOR  
AS-BUILT POSTINGS**

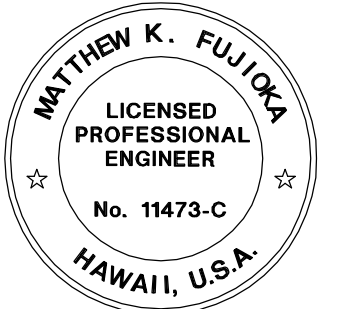
- ~~~~~ Squiggly line for as-built deletion
- ==±00.00== Double line for as-built deletion
- Roadway Text for as-built posting

9

CW9-3A  
48"x48"

15  
MPH

CW13-1(15)-A  
24"x24"



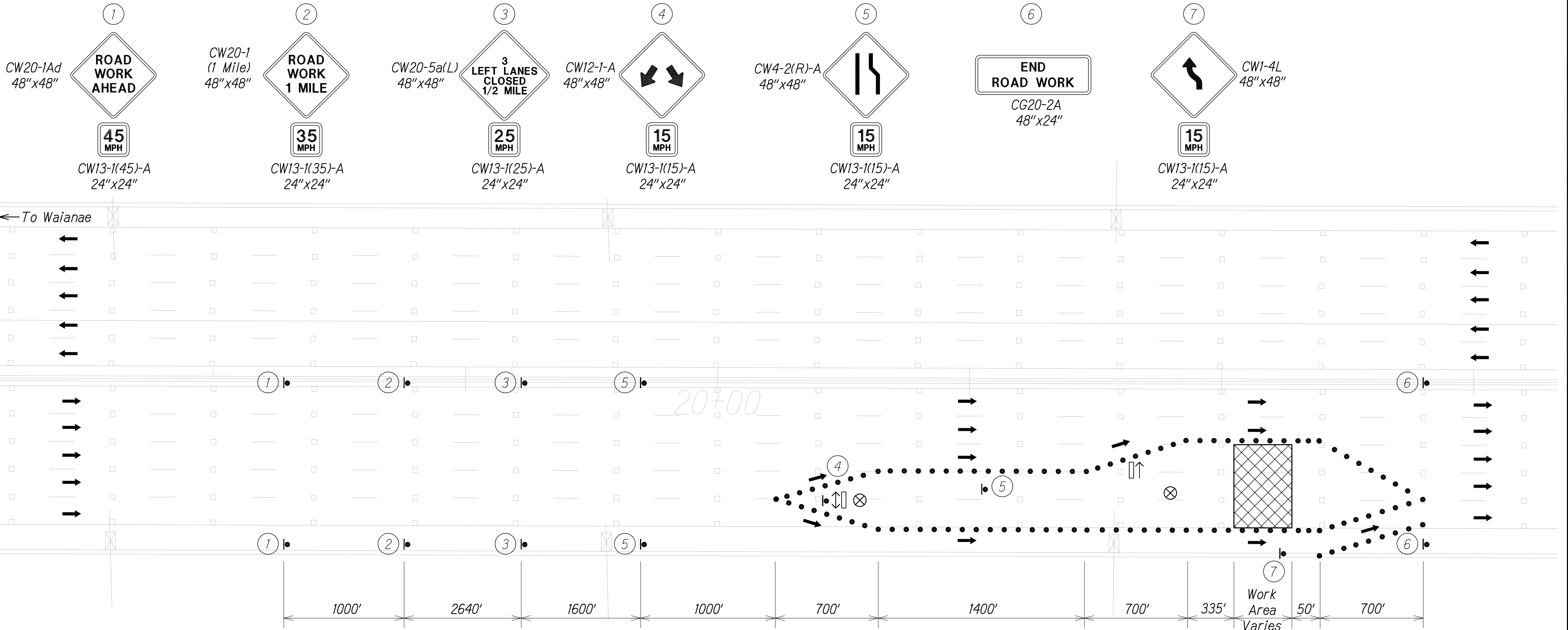
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EXPIRATION DATE OF LICENSE: 4/30/18

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC  
CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 19        | 46           |



|              |      |      |              |
|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | June 1, 2016 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

|               |      |  |
|---------------|------|--|
| ORIGINAL PLAN | DATE |  |
| DESIGNED BY   |      |  |
| TRACED BY     |      |  |
| DESIGNED BY   |      |  |
| QUANTITIES BY |      |  |
| CHECKED BY    |      |  |
| No.           |      |  |

Notes:

1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

- Legend
- Sign
  - Cone or Delineator
  - ➔ Direction of Traffic
  - ⬆ Flashing Arrow Sign
  - ⊗ Police Officer

INBOUND TRAFFIC CONTROL PLAN 3

Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

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==±00.00== Double line for as-built deletion

Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2016

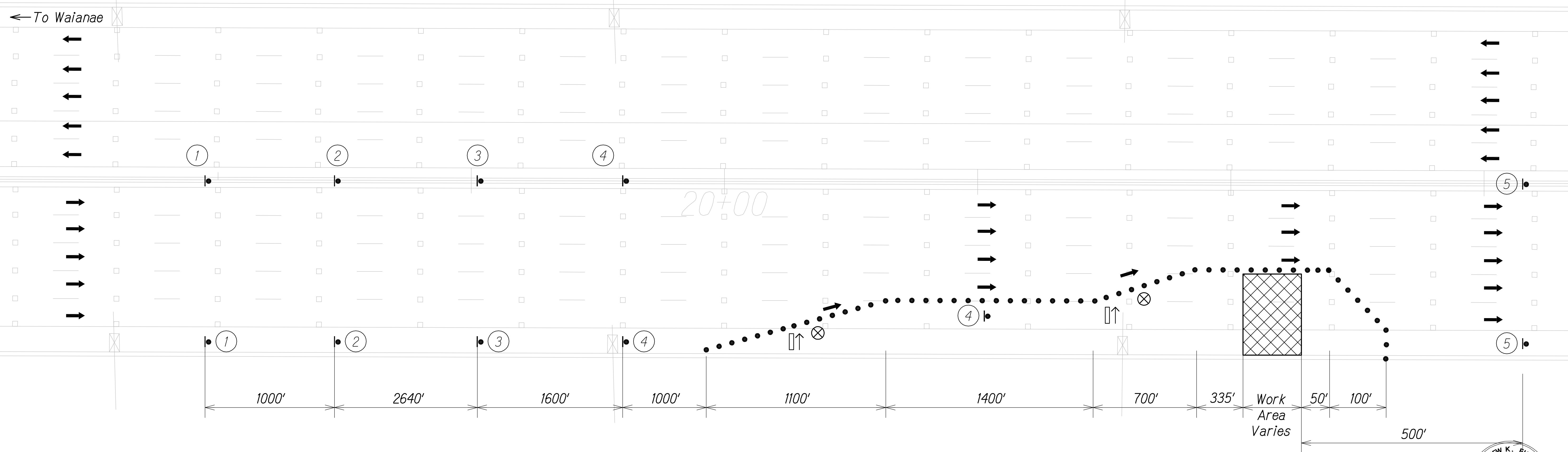
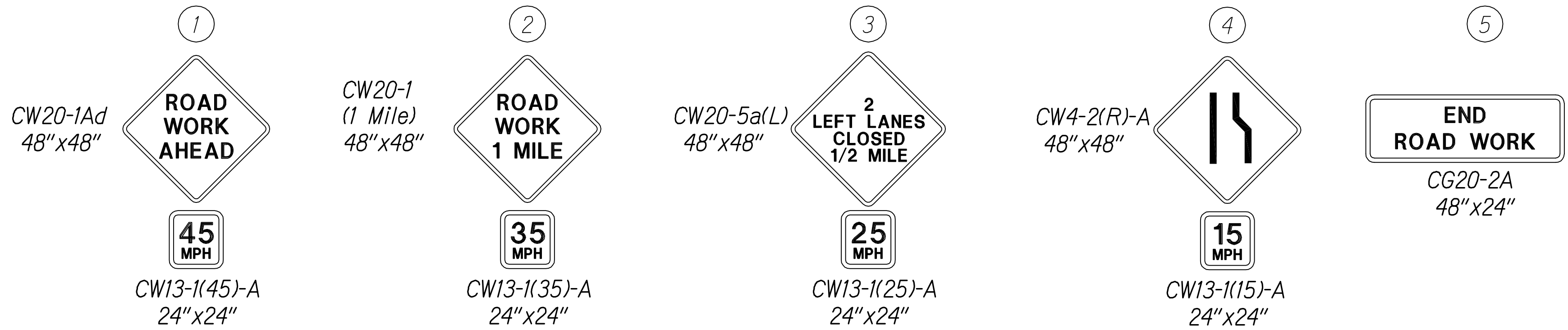
SHEET No. 5 OF 21 SHEETS



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SIGNATURE
4/30/18
EXPIRATION DATE OF THE LICENSE

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | BR-HI-1 (263) | 2012 | 20 | 46 |



INBOUND TRAFFIC CONTROL PLAN 4
Not to Scale

- Notes:
- Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

- Legend
- Sign
 - Cone or Delineator
 - ➔ Direction of Traffic
 - ⬆⬆ Flashing Arrow Sign
 - ⊗ Police Officer

LEGEND FOR
AS-BUILT POSTINGS

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Squiggly line for  
as-built deletion

==00.00==

Double line for  
as-built deletion

Roadway

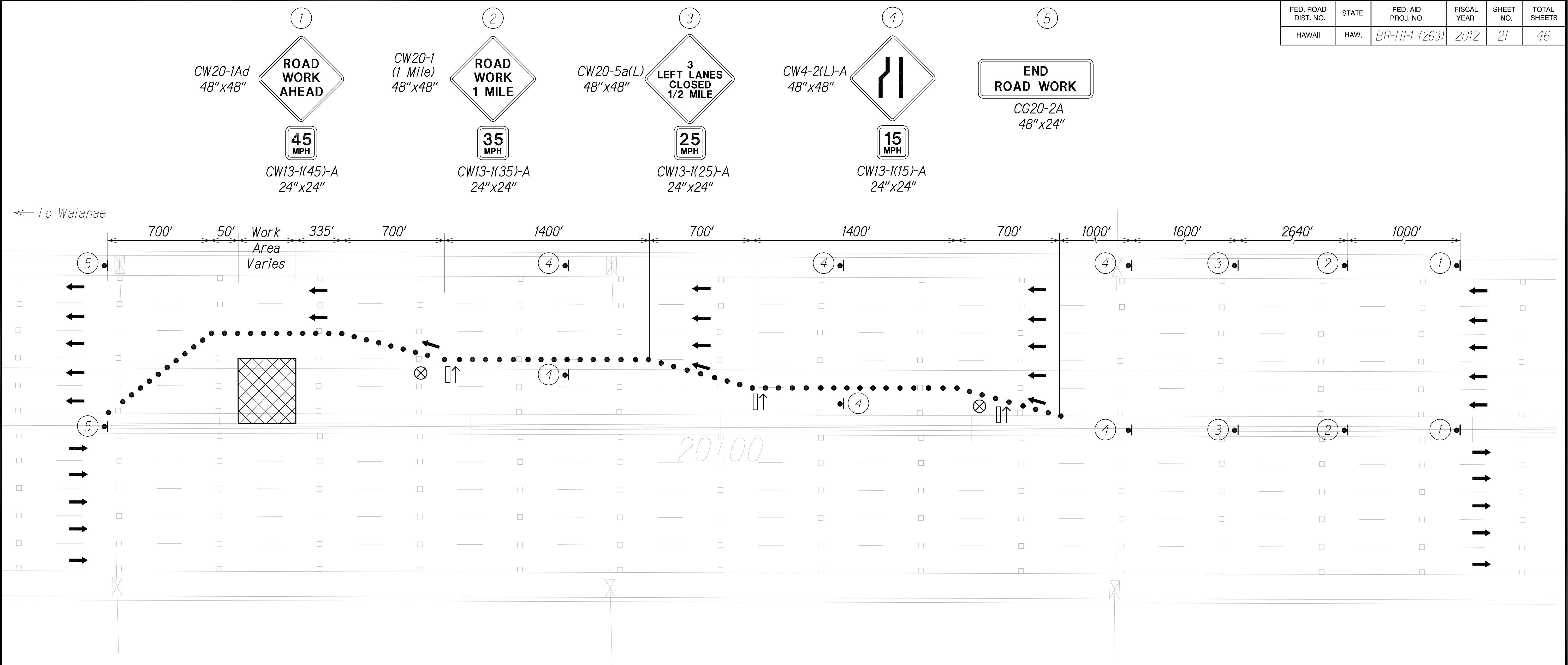
Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
TYPICAL TRAFFIC  
CONTROL PLAN  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016

SHEET No. 6 OF 21 SHEETS



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	21	46



Notes:

1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.
2. Sign ① shall be placed on the outbound Waimalu looped on-ramp to advise motorists.

Legend

- Sign
- Cone or Delineator
- ➔ Direction of Traffic
- ⬆ Flashing Arrow Sign
- ⊗ Police Officer

TRAFFIC CONTROL PLAN  
PEARL CITY VIADUCT - OUTBOUND  
Not to Scale

LEGEND FOR  
AS-BUILT POSTINGS

- ~~~~~ Squiggly line for as-built deletion
- ==±00.00== Double line for as-built deletion
- Roadway Text for as-built posting

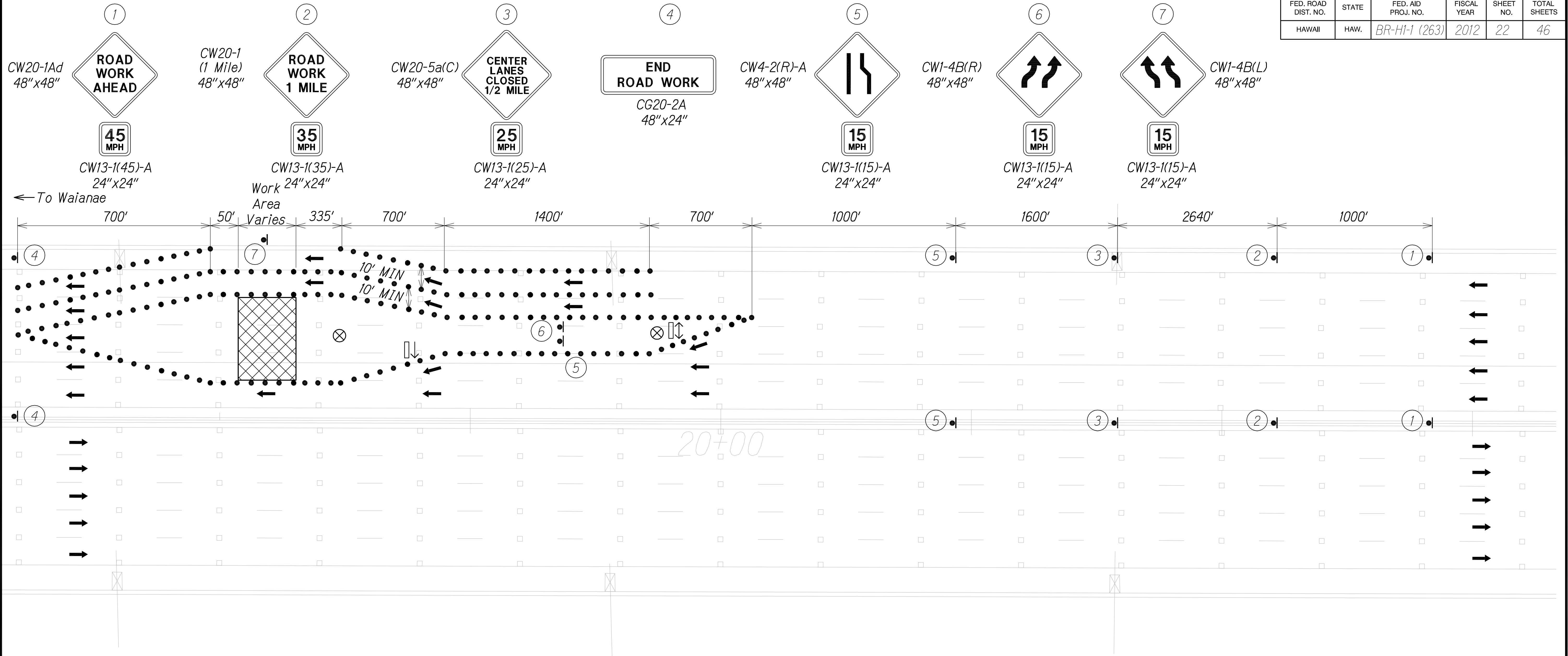


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4/30/18  
EXPIRATION DATE  
OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	22	46



QC/QA REVIEW	100%	DATE	June 1, 2016
BY			
BY			
BY			
BY			

ORIGINAL PLAN	DATE	
DESIGNED BY		
TRACED BY		
NOTE BOOK		
QUANTITIES BY		
CHECKED BY		
No.		

Notes:  
1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

- Legend
- Sign
  - Cone or Delineator
  - ➔ Direction of Traffic
  - ⬆ Flashing Arrow Sign
  - ⊗ Police Officer

OUTBOUND TRAFFIC CONTROL PLAN 2  
Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

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=+00.00= Double line for as-built deletion
Roadway Text for as-built posting

MATTHEW K. FUJIOKA
LICENSED PROFESSIONAL ENGINEER
No. 11473-C
HAWAII, U.S.A.

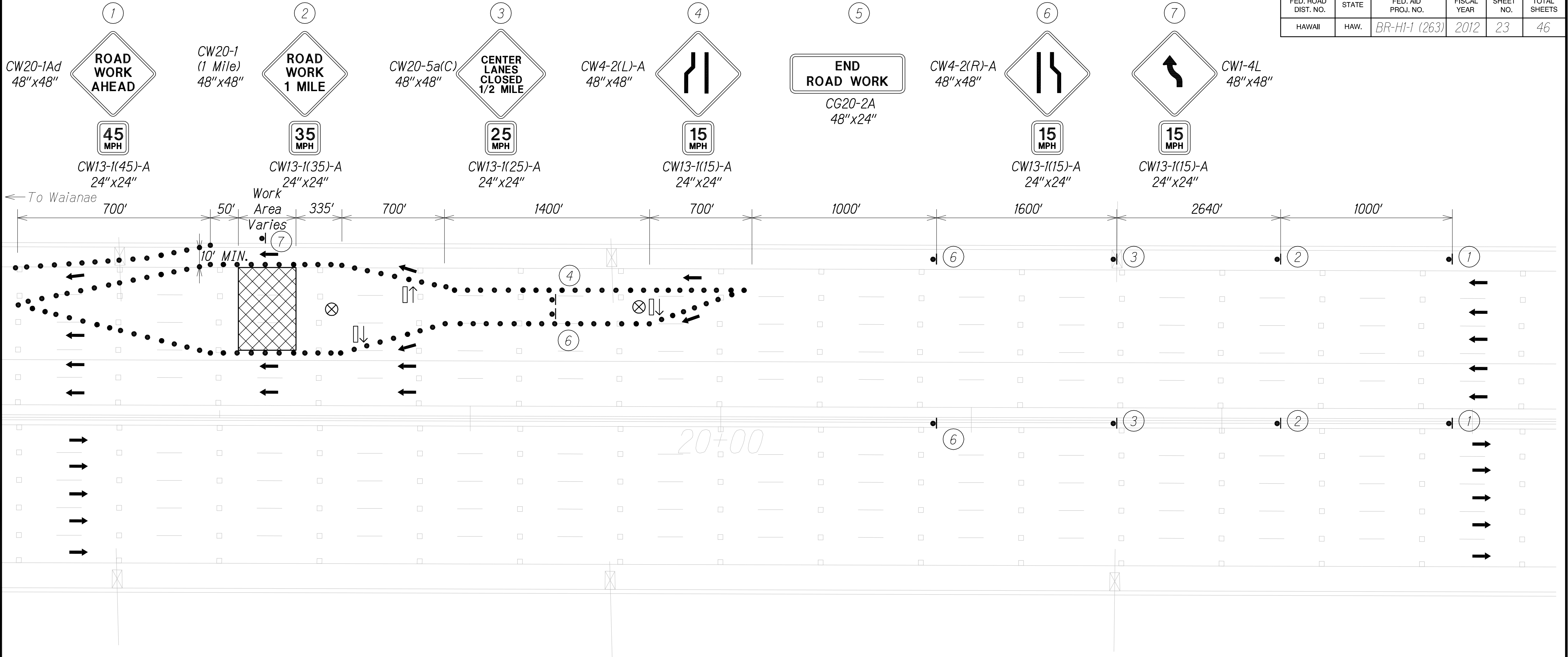
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Matthew K. Fujioka 4/30/18
SIGNATURE EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2016

SHEET No. 8 OF 21 SHEETS

| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | BR-HI-1 (263) | 2012 | 23 | 46 |



Notes:

1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

Legend

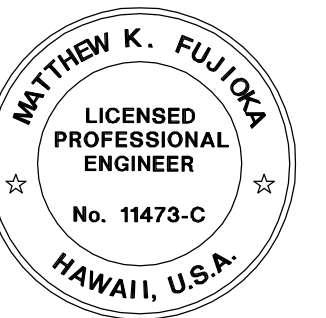
- Sign
- Cone or Delineator
- ➔ Direction of Traffic
- ⬆ Flashing Arrow Sign
- ⊗ Police Officer

OUTBOUND TRAFFIC CONTROL PLAN 3

Not to Scale

**LEGEND FOR
AS-BUILT POSTINGS**

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- Roadway Text for as-built posting



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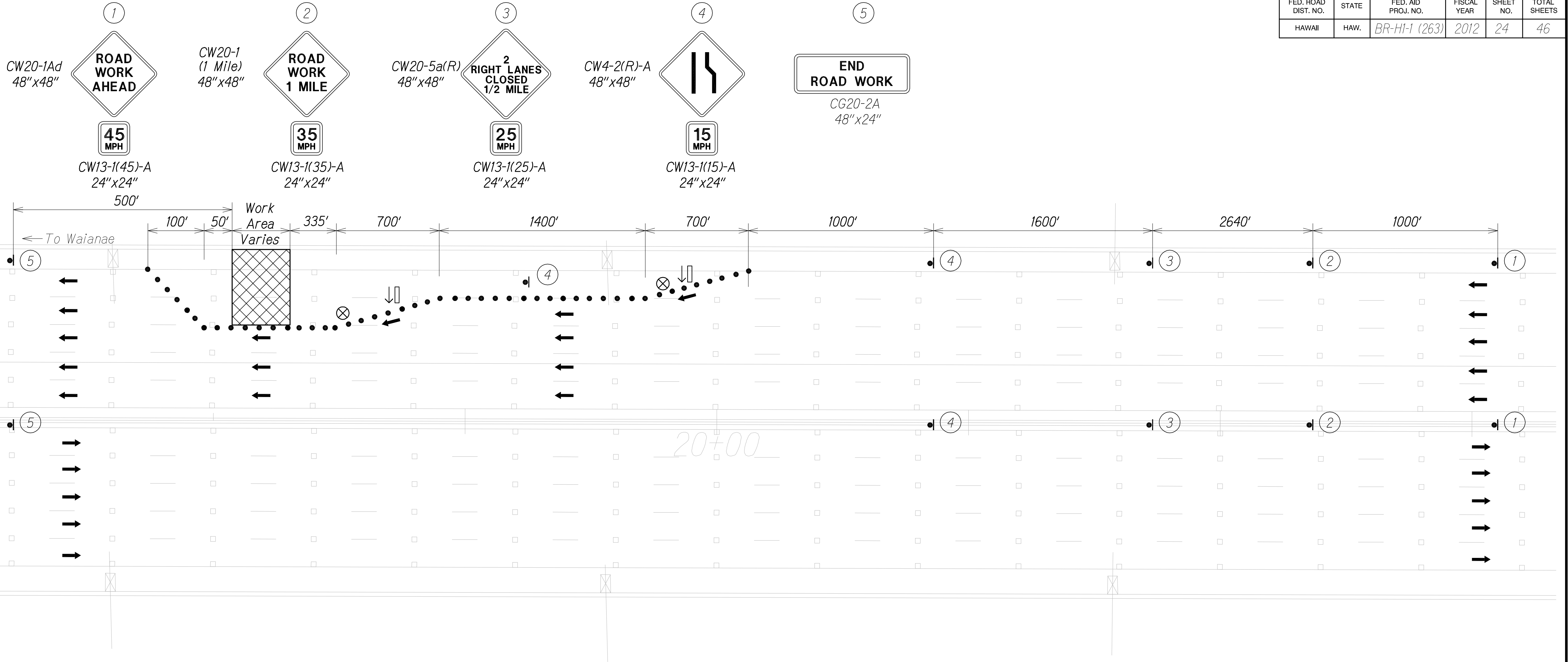
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TYPICAL TRAFFIC
CONTROL PLAN**
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2016

SHEET No. 9 OF 21 SHEETS

"AS-BUILT"

23

| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | BR-HI-1 (263) | 2012 | 24 | 46 |



Notes:

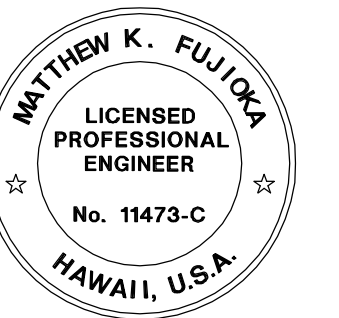
1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

Legend

- Sign
- Cone or Delineator
- ➔ Direction of Traffic
- ⬆ Flashing Arrow Sign
- ⊗ Police Officer

OUTBOUND TRAFFIC CONTROL PLAN 4

Not to Scale



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4/30/18
EXPIRATION DATE OF THE LICENSE

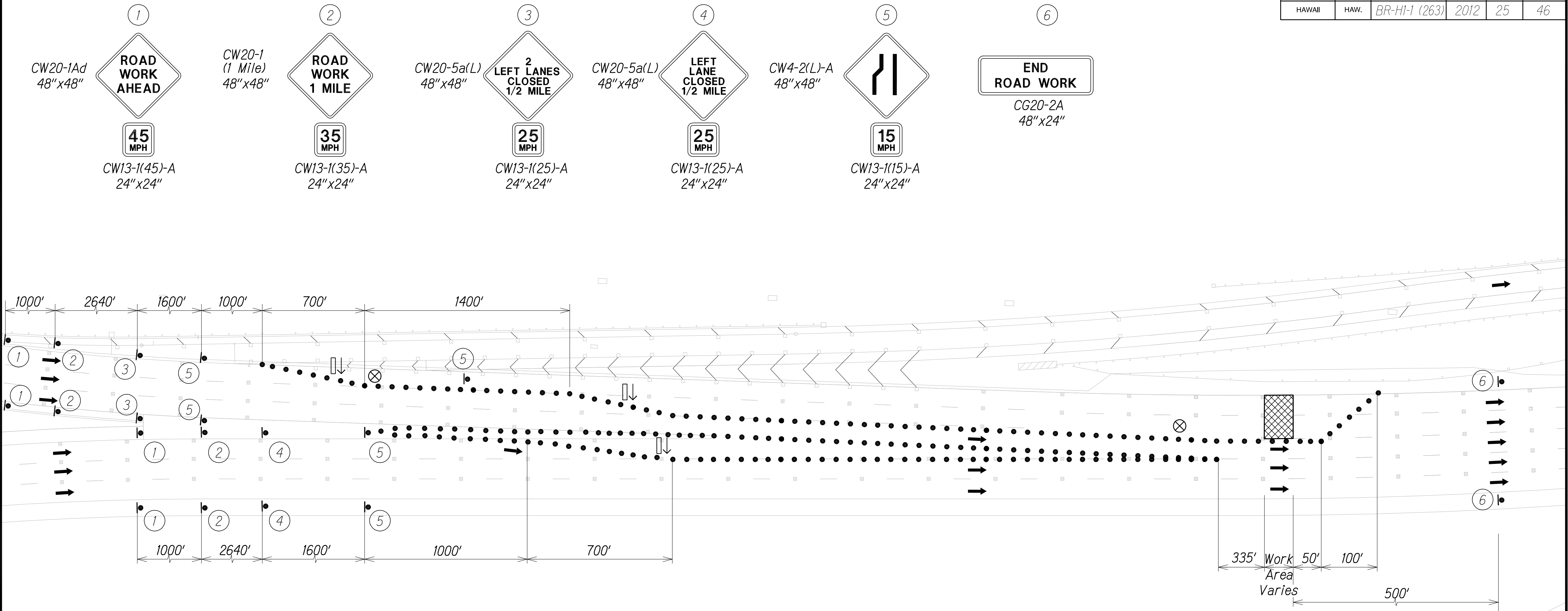
LEGEND FOR AS-BUILT POSTINGS

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=+00.00= Double line for as-built deletion  
Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016



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|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 25        | 46           |



|              |      |      |              |
|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | June 1, 2016 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

|               |      |  |
|---------------|------|--|
| ORIGINAL PLAN | DATE |  |
| DESIGNED BY   |      |  |
| TRACED BY     |      |  |
| QUANTITIES BY |      |  |
| CHECKED BY    |      |  |
| No.           |      |  |

Notes:

- Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

- Legend
- Sign
  - Cone or Delineator
  - ➔ Direction of Traffic
  - ⬆ Flashing Arrow Sign
  - ⊗ Police Officer

INBOUND TRAFFIC CONTROL PLAN 1  
H-1/H-2 MERGE  
Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

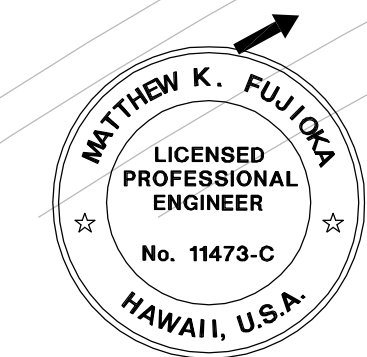
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==±00.00== Double line for as-built deletion

Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2016

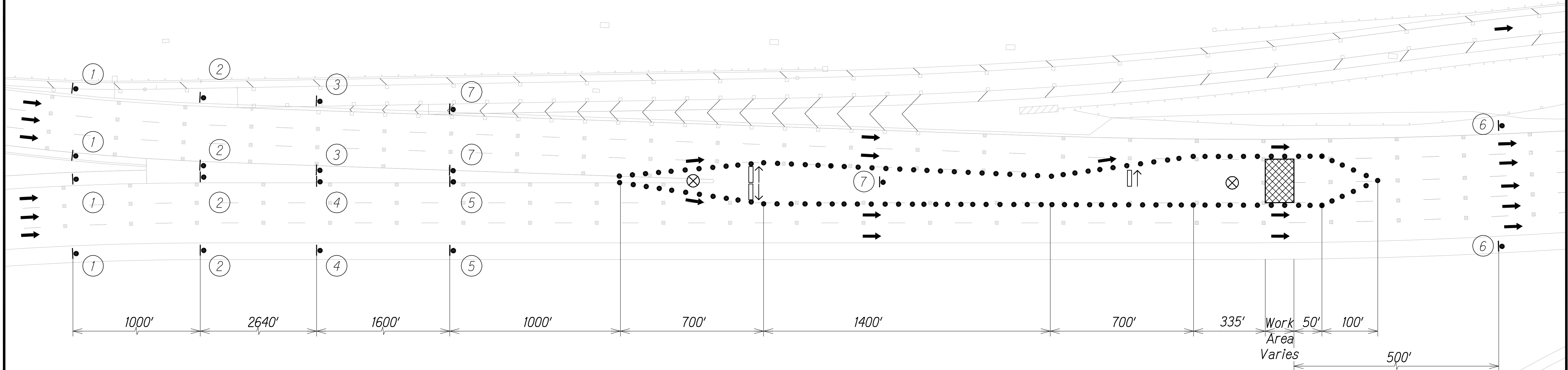
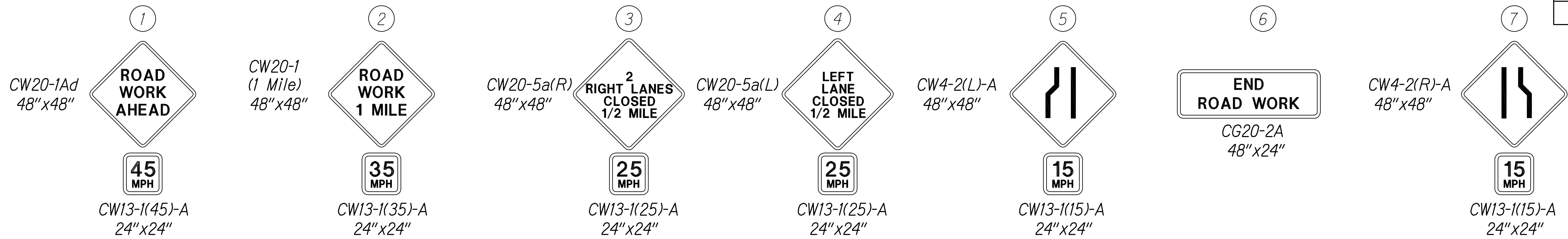
SHEET No. 11 OF 21 SHEETS



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4/30/18
EXPIRATION DATE OF THE LICENSE

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | BR-HI-1 (263) | 2012 | 26 | 46 |



INBOUND TRAFFIC CONTROL PLAN 2
H-1/H-2 MERGE
Not to Scale

- Notes:
1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

- Legend
- Sign
 - Cone or Delineator
 - ➔ Direction of Traffic
 - ⬆⬆ Flashing Arrow Sign
 - ⊗ Police Officer

**LEGEND FOR
AS-BUILT POSTINGS**

~~~~~ Squiggly line for as-built deletion  
=+00.00= Double line for as-built deletion  
Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC  
CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016

SHEET No. 12 OF 21 SHEETS

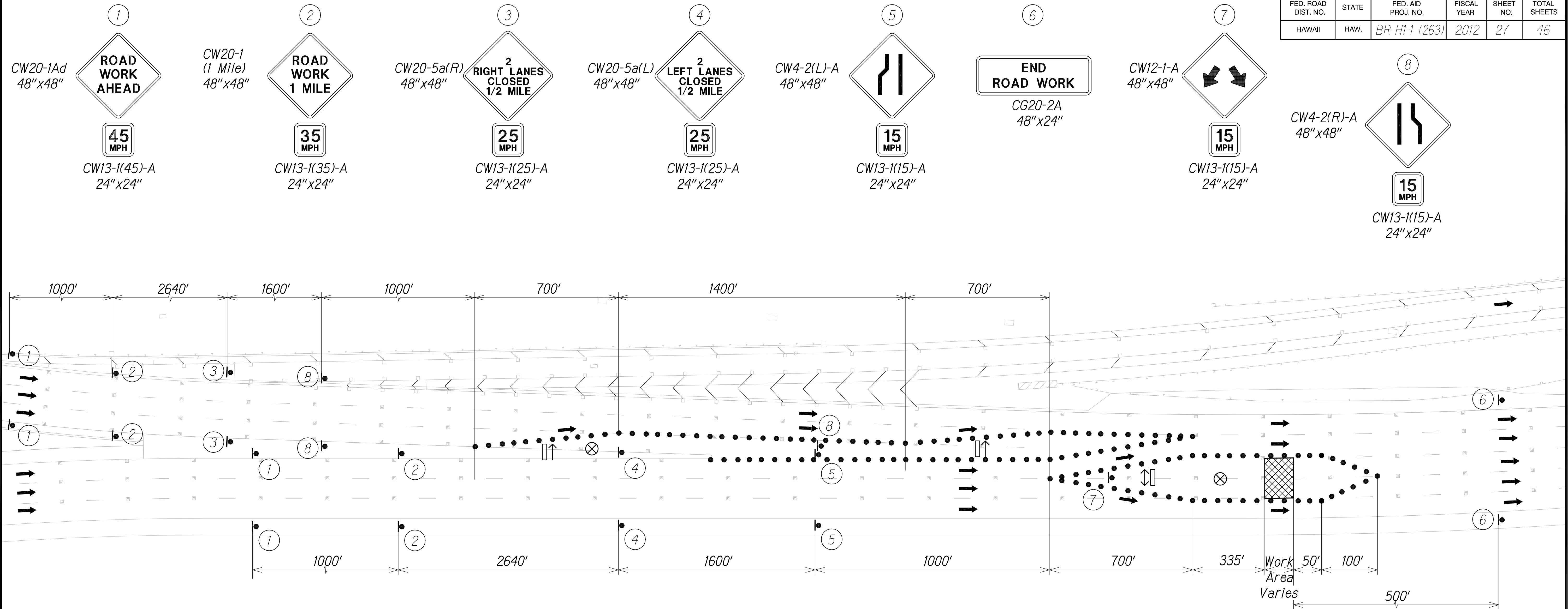


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*Matthew K. Fujita*  
SIGNATURE 4/30/18  
EXPIRATION DATE  
OF THE LICENSE



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 27        | 46           |



|              |      |      |              |
|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | June 1, 2016 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

|               |      |  |
|---------------|------|--|
| ORIGINAL PLAN | DATE |  |
| DESIGNED BY   |      |  |
| QUANTITIES BY |      |  |
| CHECKED BY    |      |  |

- Notes:**
- Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

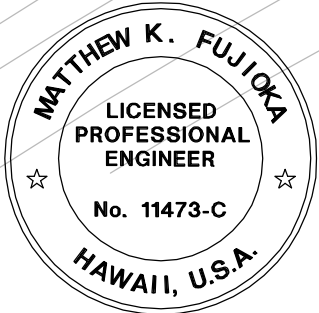
- Legend**
- Sign
  - Cone or Delineator
  - ➔ Direction of Traffic
  - ⬆ Flashing Arrow Sign
  - ⊗ Police Officer

**INBOUND TRAFFIC CONTROL PLAN 2**  
**H-1/H-2 MERGE**  
Not to Scale

**LEGEND FOR AS-BUILT POSTINGS**

- ~~~~~ Squiggly line for as-built deletion
- ±00.00± Double line for as-built deletion
- Roadway Text for as-built posting

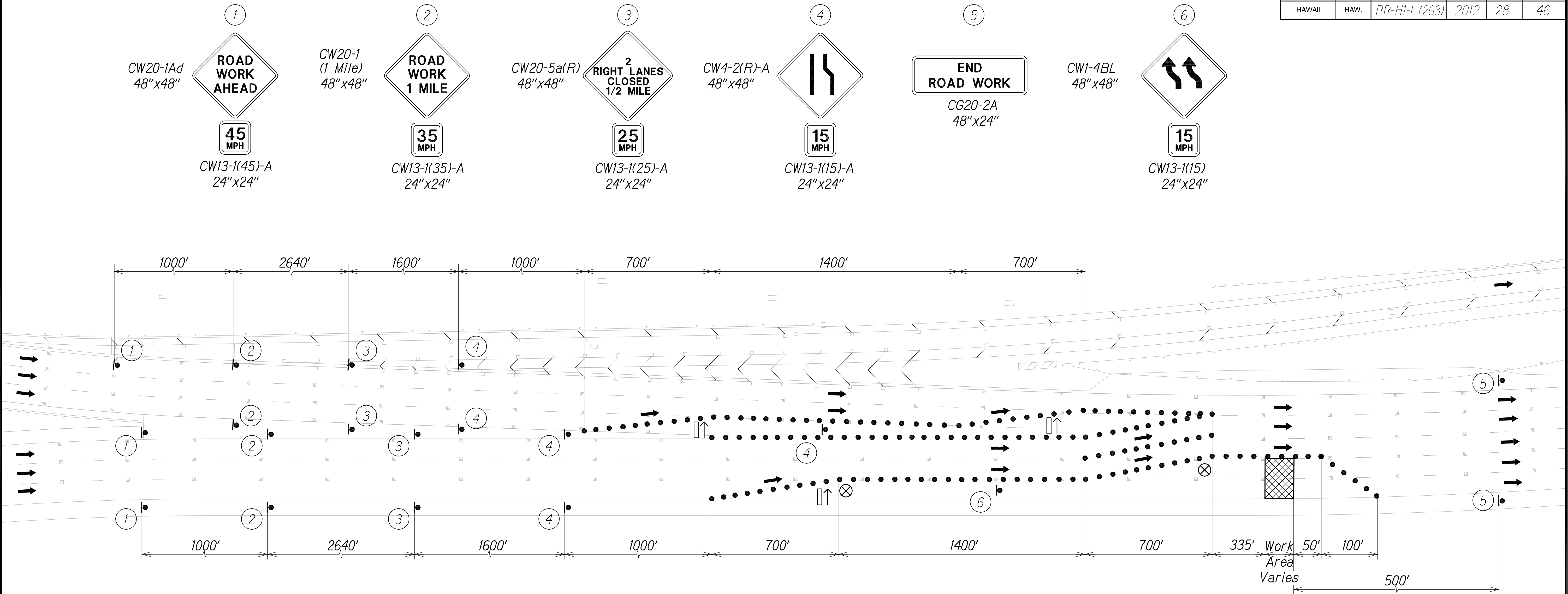
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016  
SHEET No. 13 OF 21 SHEETS



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*Matthew K. Fujita*  
SIGNATURE  
4/30/18  
EXPIRATION DATE OF THE LICENSE

|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 28        | 46           |



|              |      |      |              |
|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | June 1, 2016 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| TRACED BY         |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |

- Notes:**
- Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

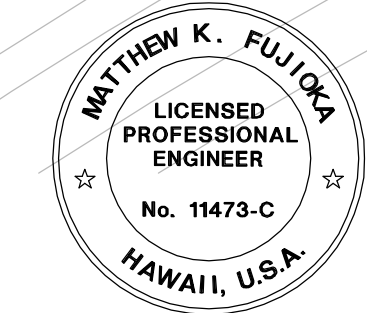
- Legend**
- Sign
  - Cone or Delineator
  - ➔ Direction of Traffic
  - ⬆ Flashing Arrow Sign
  - ⊗ Police Officer

**INBOUND TRAFFIC CONTROL PLAN 4**  
**H-1/H-2 MERGE**  
Not to Scale

| LEGEND FOR AS-BUILT POSTINGS |                                     |
|------------------------------|-------------------------------------|
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| ==00.00==                    | Double line for as-built deletion   |
| Roadway                      | Text for as-built posting           |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016

SHEET No. 14 OF 21 SHEETS



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4/30/18  
EXPIRATION DATE OF THE LICENSE



|                     |       |                    |             |           |              |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 29        | 46           |

5

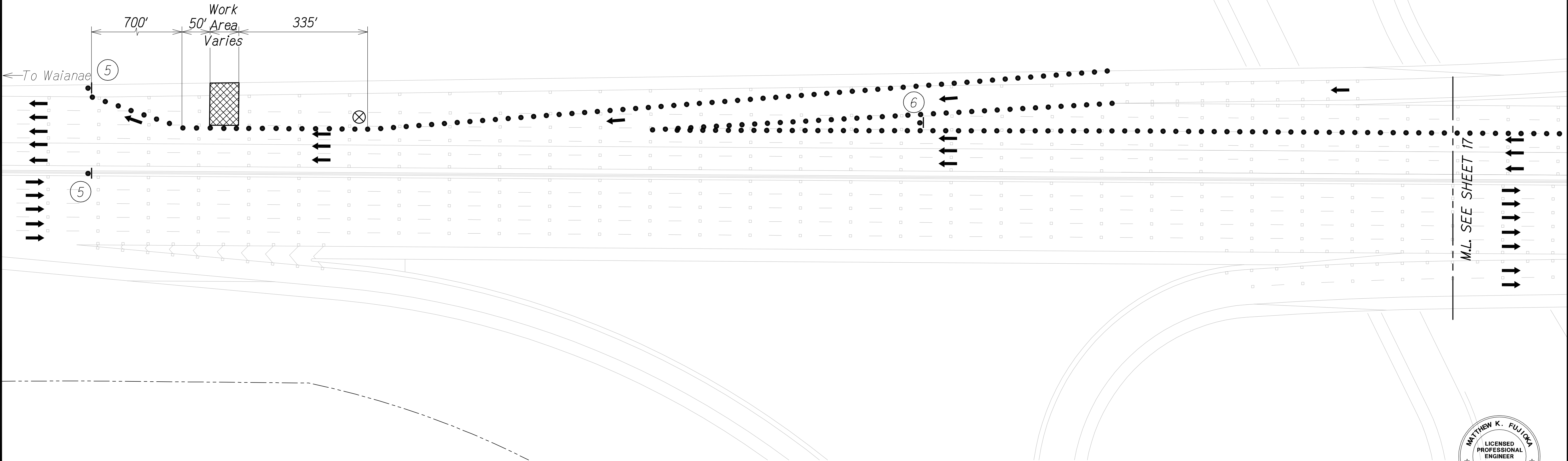
END ROAD WORK  
CG20-2A  
48"x24"

6

CW4-1R-A  
48"x48"

15 MPH

CW13-1(15)-A  
24"x24"



OUTBOUND TRAFFIC CONTROL PLAN 1A  
WAIMALU ON-RAMP  
Not to Scale

- Notes:
- Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

- Legend
- Sign
  - Cone or Delineator
  - ➔ Direction of Traffic
  - ⬆ Flashing Arrow Sign
  - ⊗ Police Officer

LEGEND FOR  
AS-BUILT POSTINGS

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Squiggly line for as-built deletion

±00.00=

Double line for as-built deletion

Roadway

Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL TRAFFIC
CONTROL PLAN

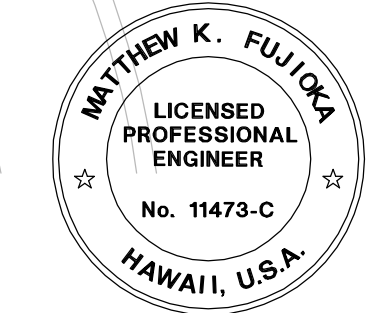
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS

FEDERAL AID PROJECT NO. BR-HI-1 (263)

Scale: As Noted

Date: July 2016

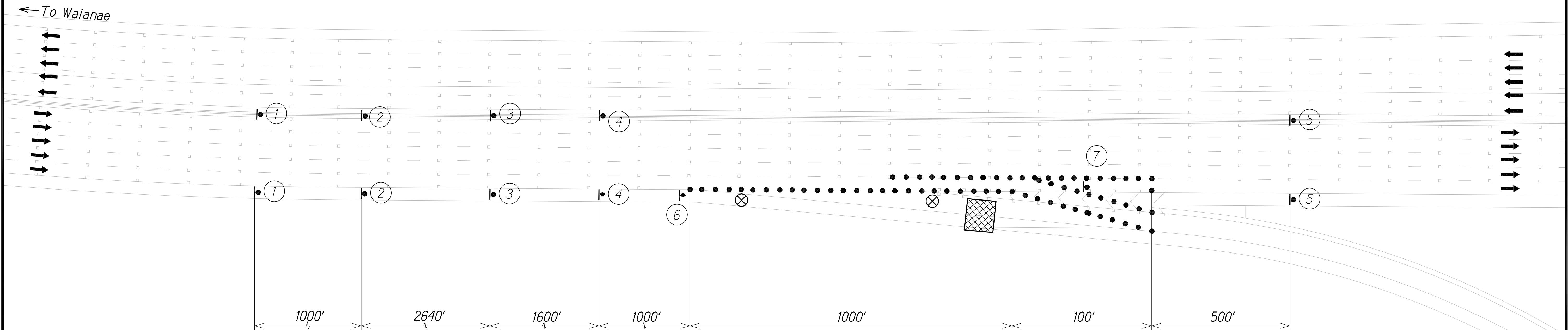
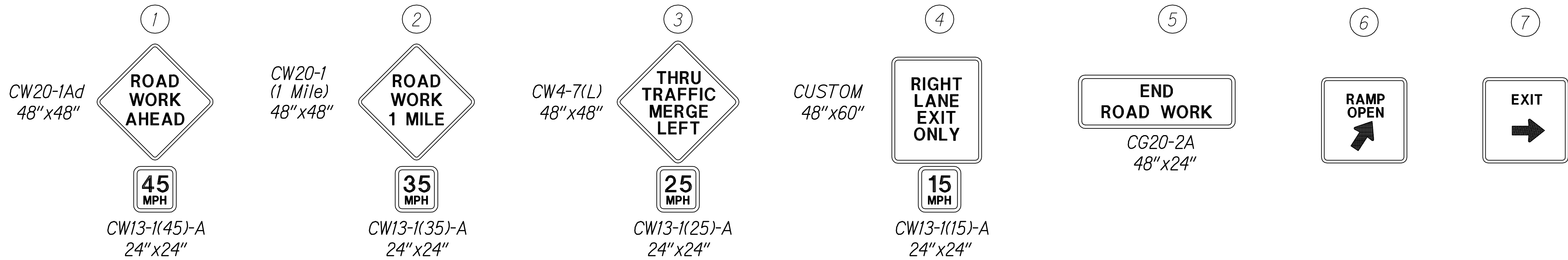
SHEET No. 15 OF 21 SHEETS



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Matthew K. Fujioka
SIGNATURE
4/30/18
EXPIRATION DATE
OF THE LICENSE

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	32	46



INBOUND TRAFFIC CONTROL PLAN
WAIMALU OFF-RAMP

Not to Scale

Notes:

1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

Legend

- Sign
- Cone or Delineator
- ➔ Direction of Traffic
- ⬆ Flashing Arrow Sign
- ⊗ Police Officer

LEGEND FOR
AS-BUILT POSTINGS

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=+00.00= Double line for as-built deletion  
Roadway Text for as-built posting



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*Matthew K. Fujioka*  
SIGNATURE 4/30/18  
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 33        | 46           |

1  
SCM4-10L-H  
A48"x18"  
HUGH ST.  
DETOUR  
←

2  
SCM4-10L-H  
A48"x18"  
HUGH ST.  
DETOUR  
→

3  
SR11-4-H  
A60"x30"  
ROAD CLOSED  
TO  
THRU TRAFFIC  
DETOUR  
→  
Mounted on Type  
III Barricade

4  
SR11-4-H  
A60"x30"  
ROAD CLOSED  
TO  
THRU TRAFFIC  
DETOUR  
←  
Mounted on Type  
III Barricade

5  
CW20-1Ad  
48"x48"  
ROAD  
WORK  
AHEAD

6  
CW20-3D  
48"x48"  
ROAD  
CLOSED  
AHEAD

7  
CW20-2D  
48"x48"  
DETOUR  
AHEAD

8  
SR3-1-H  
48"x48"  
No Right Turn

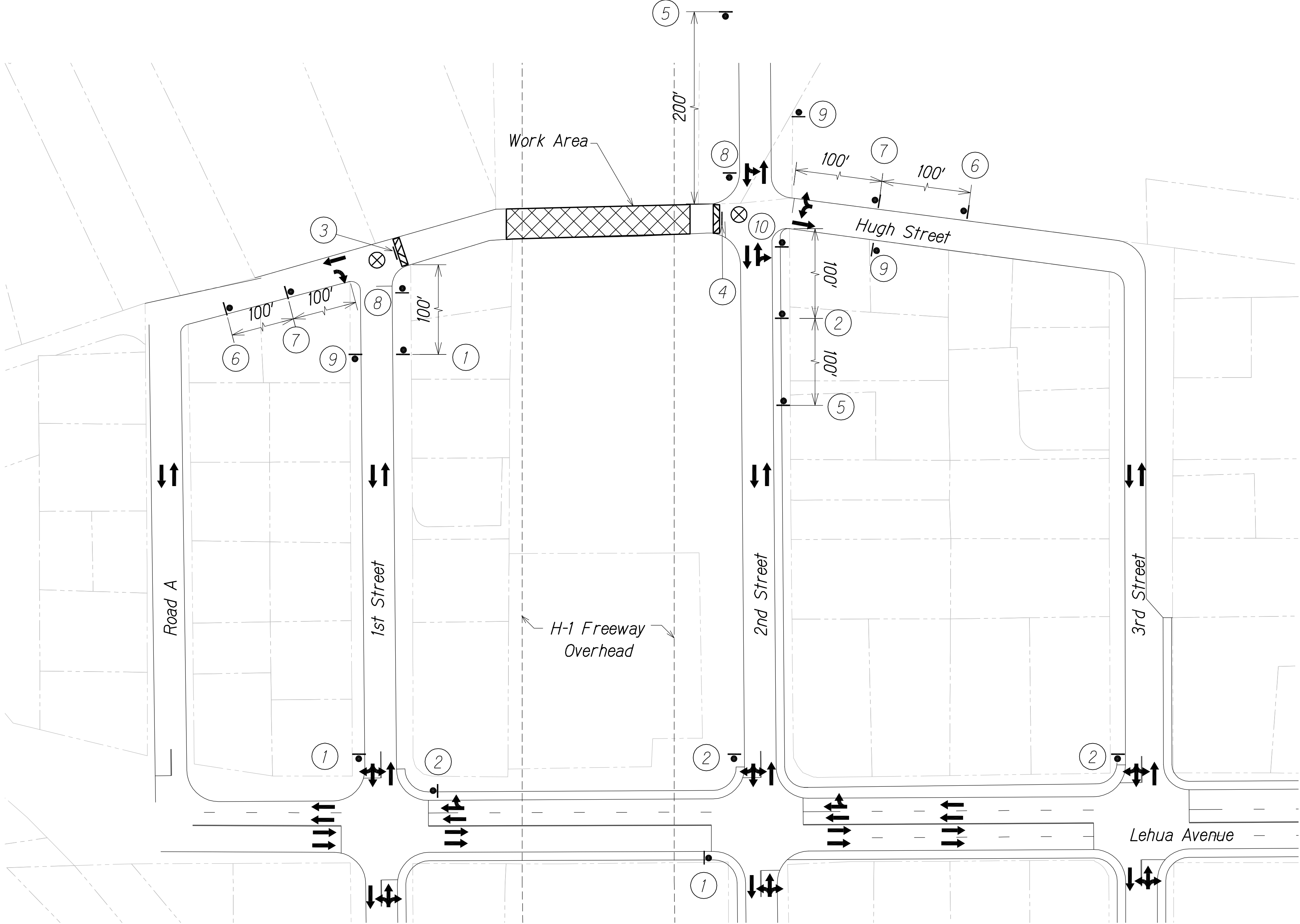
9  
CG20-2A  
A48"x24"  
END  
ROAD WORK

10  
SR3-2-H  
48"x48"  
No Left Turn

- Notes:
- Cones or delineators shall be installed at 20' o.c. max. on tapers and tangents and 10' o.c. on work areas and where separating opposing traffic.
  - Work hours shall be between 8:30 p.m. to 4:30 a.m. for all phases.

Legend

- Sign (Retroreflective)
- Cone or Delineator (Retroreflective)
- Direction of Traffic
- ⊗ Police Officer



HUGH ST. TRAFFIC CONTROL PLAN 3  
Not to Scale

APPROVED:

CHIEF, TRAFFIC REVIEW BRANCH, D.P.P.  
CITY & COUNTY OF HONOLULU

LEGEND FOR  
AS-BUILT POSTINGS

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Squiggly line for
as-built deletion

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Double line for
as-built deletion

Roadway

Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC
CONTROL PLAN
INTERSTATE ROUTE H-1
PEARL CITY AND WAIMALU
VIADUCT IMPROVEMENTS
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted
Date: July 2016

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	34	46

1

ROAD WORK AHEAD

CW20-1Ad
48"x48"

2

CW1-4R-H
A48"x48"

3

CW1-4L-H
A48"x48"

4

THRU TRAFFIC MERGE LEFT

CW4-7(L)
A48"x48"

5

END ROAD WORK

CG20-2A
A48"x24"

6

KEEP RIGHT

SR4-7A-H
24"x30"

7

RIGHT LANE MUST TURN RIGHT

SR3-7R-H
30"x30"

8

R3-8SR
30" X 30"

9

NO PARKING ANY TIME

SR7-1A-H
A24"x30"BS
Mounted on
Type II Barricade

10

SIDEWALK CLOSED

SPECIAL

11

SIDEWALK CLOSED AHEAD

USE OTHER SIDE

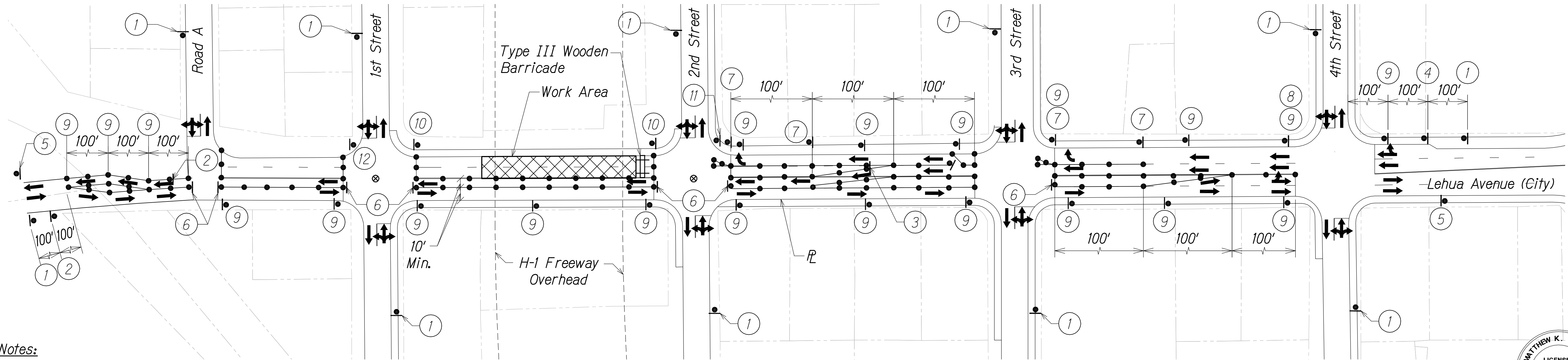
SPECIAL
60"x30"

12

SIDEWALK CLOSED AHEAD

USE OTHER SIDE

SPECIAL
60"x30"



- Notes:
- Cones or delineators shall be installed at 20' o.c. max. on tapers and tangents and 10' o.c. on work areas and where separating opposing traffic.
 - Contractor shall notify Water Commodity Engineer NAVFAC Hawaii OPC61 Utilities & Energy Mgt. Division Potable Water Branch at 808-473-0958 prior to commencement of any construction.
 - Work hours shall be between 8:30 a.m. to 3:30 p.m. for all phases.

- Legend
- Sign (Retroreflective)
 - Cone or Delineator (Retroreflective)
 - ➔ Direction of Traffic
 - ⬆ Flashing Arrow Sign
 - ⊗ Police Officer

LEHUA AVE. TRAFFIC CONTROL PLAN 1

Not to Scale

Day Work

APPROVED:

CHIEF, TRAFFIC REVIEW BRANCH, D.P.P. DATE

CITY & COUNTY OF HONOLULU

LEGEND FOR AS-BUILT POSTINGS

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Roadway Text for as-built posting

MATTHEW K. FUJIOKA

LICENSED PROFESSIONAL ENGINEER

No. 11473-C

HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Signature: [Signature]

EXPIRATION DATE OF THE LICENSE: 4/30/18

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL TRAFFIC CONTROL PLAN

INTERSTATE ROUTE H-1 PEARL CITY AND WAIMALU VIADUCT IMPROVEMENTS

FEDERAL AID PROJECT NO. BR-HI-1 (263)

Scale: As Noted Date: July 2016

SHEET No. 20 OF 21 SHEETS



| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | BR-HI-1 (263)      | 2012        | 35        | 46           |

1

ROAD WORK AHEAD

CW20-1Ad  
A48"x48"

2

LEFT LANE CLOSED AHEAD

CW20-5Ld  
A48"x48"

3

CW1-4L-H  
A48"x48"

4

KEEP RIGHT

SR4-7A-H  
24"x30"

5

CW4-2(L)-A  
A48"x48"

6

END ROAD WORK

CG20-2A  
A48"x24"

7

NO PARKING ANY TIME

SR7-1A-H  
A24"x30"BS  
Mounted on  
Type II Barricade

8

SIDEWALK CLOSED

SPECIAL

9

SIDEWALK CLOSED AHEAD  
USE OTHER SIDE

SPECIAL  
60"x30"

10

SIDEWALK CLOSED AHEAD  
USE OTHER SIDE

SPECIAL  
60"x30"

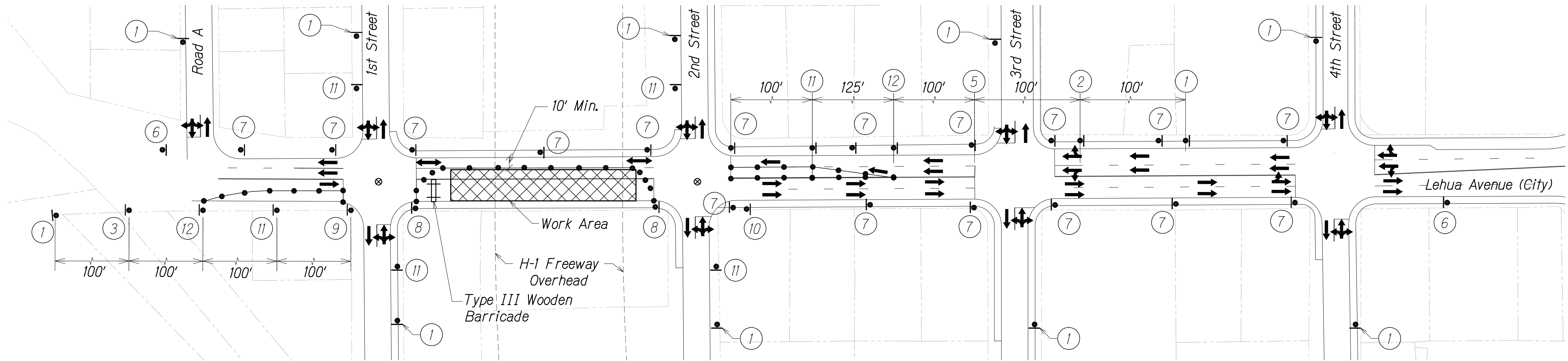
11

CW20-7a-E  
A48"x48"

12

BE PREPARED TO STOP

CW3-4  
A48"x48"



Notes:

- Cones or delineators shall be installed at 20' o.c. max. on tapers and tangents and 10' o.c. on work areas and where separating opposing traffic.
- Work hours shall be allowed between 8:30 a.m. to 3:30 p.m. and 7:30 p.m. to 4:30 a.m. for all phases.

Legend

- Sign (Retroreflective)
- Cone or Delineator (Retroreflective)
- ➔ Direction of Traffic
- ⊗ Police Officer

LEHUA AVE. TRAFFIC CONTROL PLAN 2

Not to Scale

APPROVED:

CHIEF, TRAFFIC REVIEW BRANCH, D.P.P.  
CITY & COUNTY OF HONOLULU

DATE

LEGEND FOR  
AS-BUILT POSTINGS

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- +100.00= Double line for as-built deletion
- Roadway Text for as-built posting



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SIGNATURE: *Matthew K. Fujioka*  
EXPIRATION DATE OF THE LICENSE: 4/30/18

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
**TYPICAL TRAFFIC CONTROL PLAN**  
INTERSTATE ROUTE H-1  
PEARL CITY AND WAIMALU  
VIADUCT IMPROVEMENTS  
FEDERAL AID PROJECT NO. BR-HI-1 (263)  
Scale: As Noted Date: July 2016

SHEET No. 21 OF 21 SHEETS

"AS-BUILT"

35