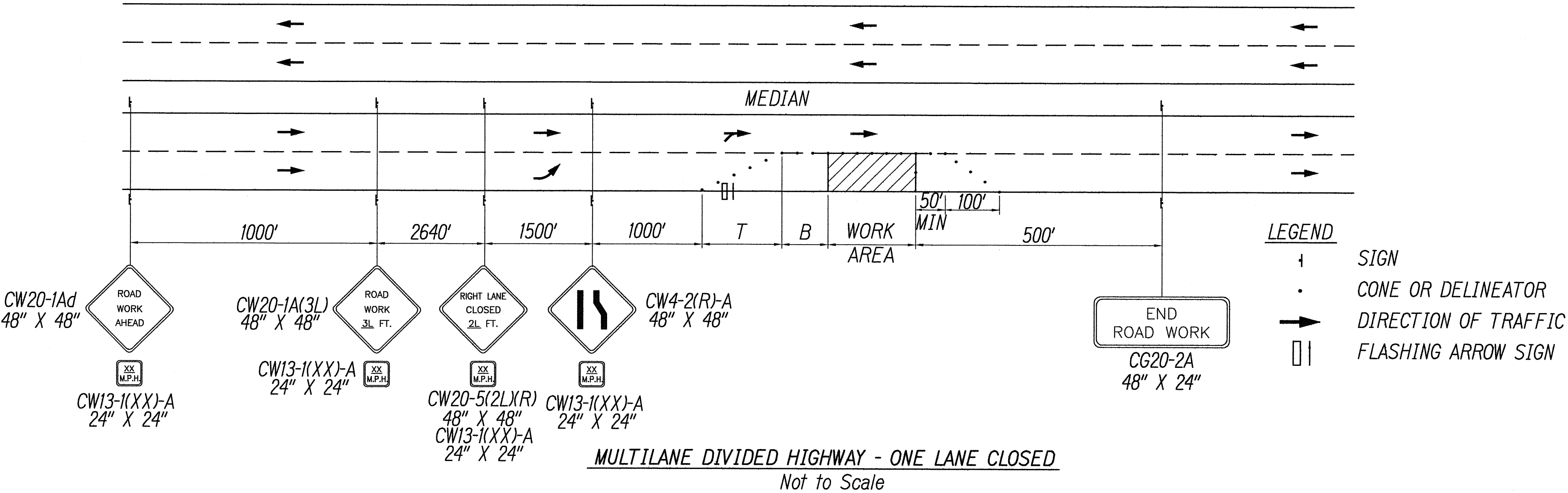
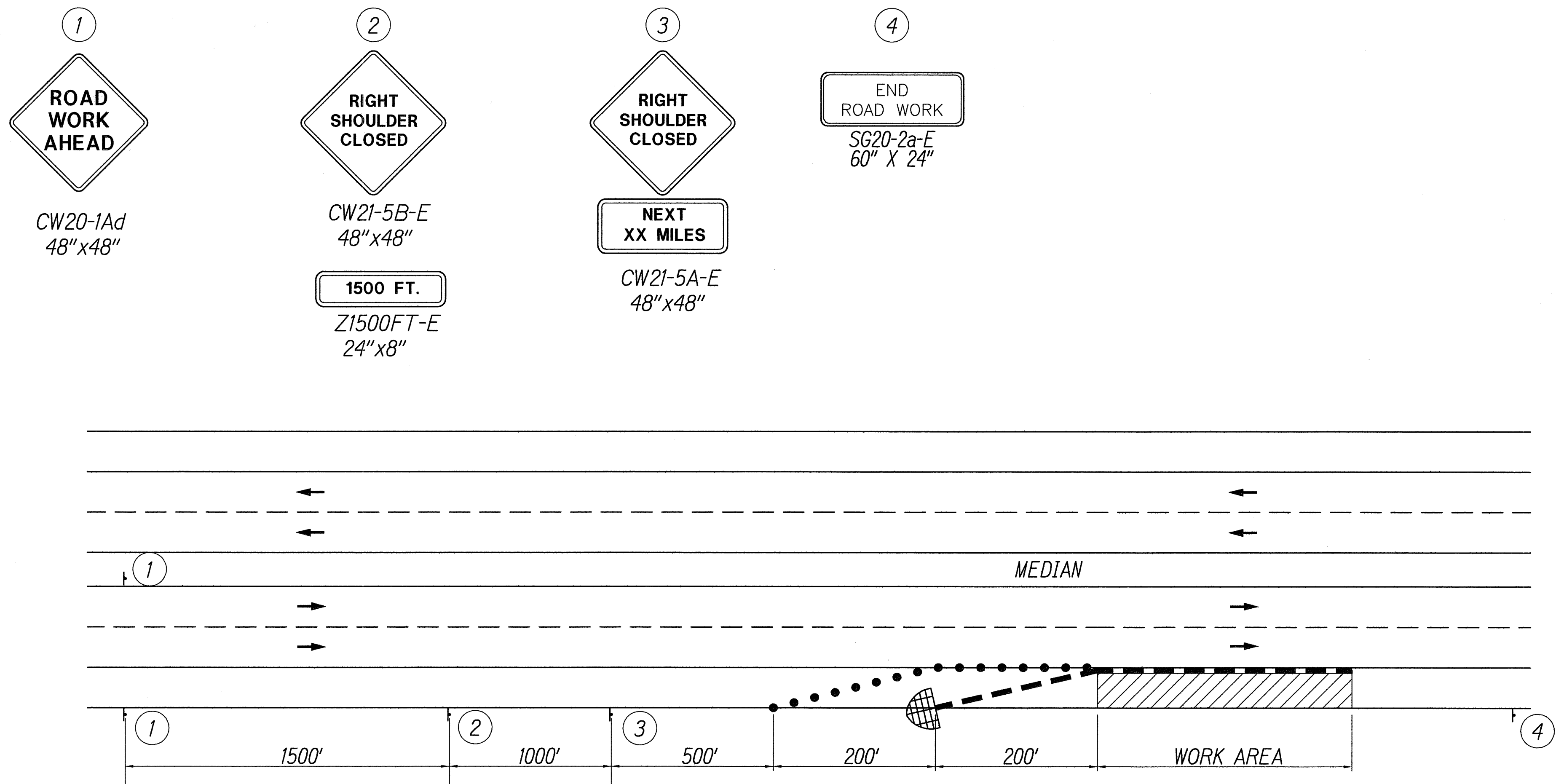


GENERAL NOTES FOR TRAFFIC CONTROL PLAN:

- 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.



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	17	55



MULTILANE DIVIDED HIGHWAY -SHOULDER LANE CLOSURE
Not to Scale

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

QC/QA REVIEW 100% DATE: AUGUST 8, 2012

BY: [Signature] OBY: [Signature] OBY: [Signature] OBY: [Signature]

ORIGINAL PLAN

DATE: _____

SURVEY PLOTTED BY: _____

DRAWN BY: _____

DESIGNED BY: _____

CHECKED BY: _____

NOTE BOOK No. _____

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

8-8-12

4/30/14

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

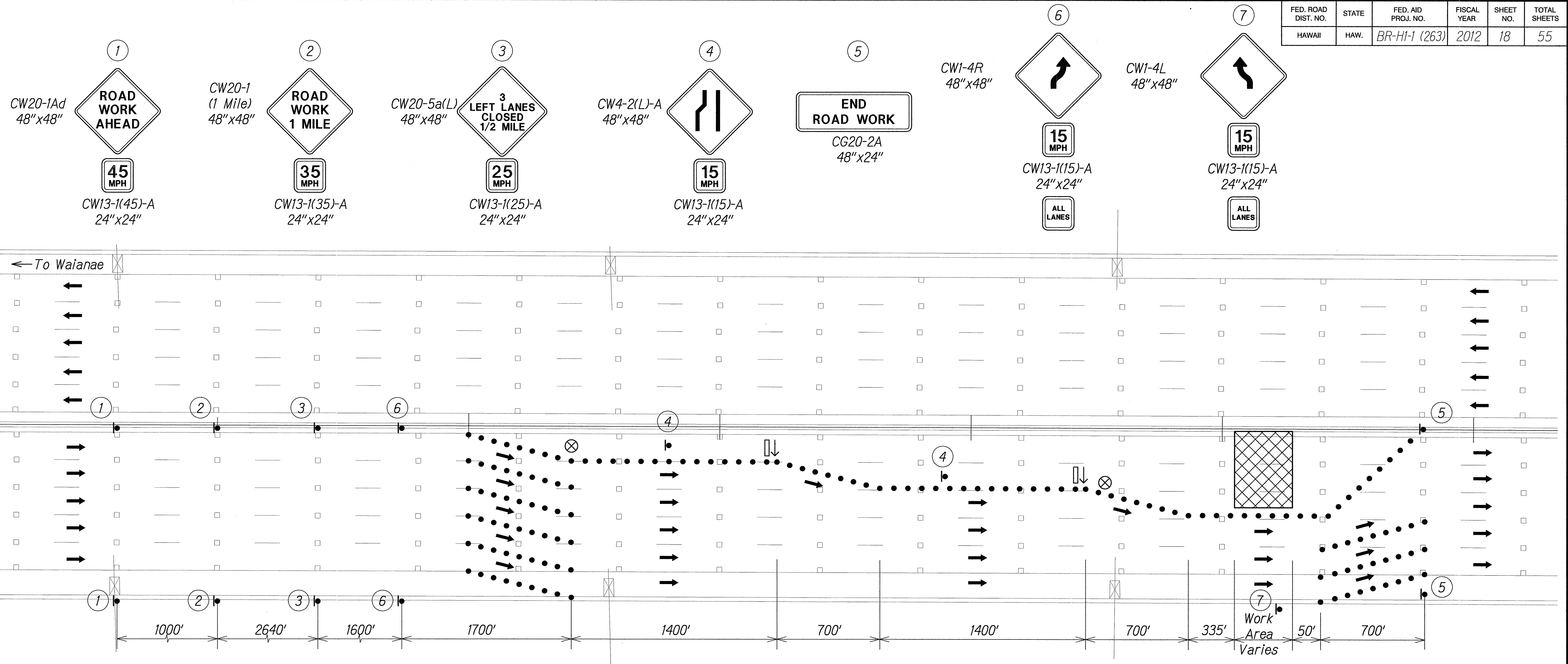
TRAFFIC CONTROL DETAILS

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

Scale: As Noted Date: July 2012

SHEET No. 2 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	18	55



QC/QA REVIEW 100%
DATE AUGUST 8, 2012
BY: [Signature]
BY: [Signature]
BY: [Signature]
BY: [Signature]

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

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

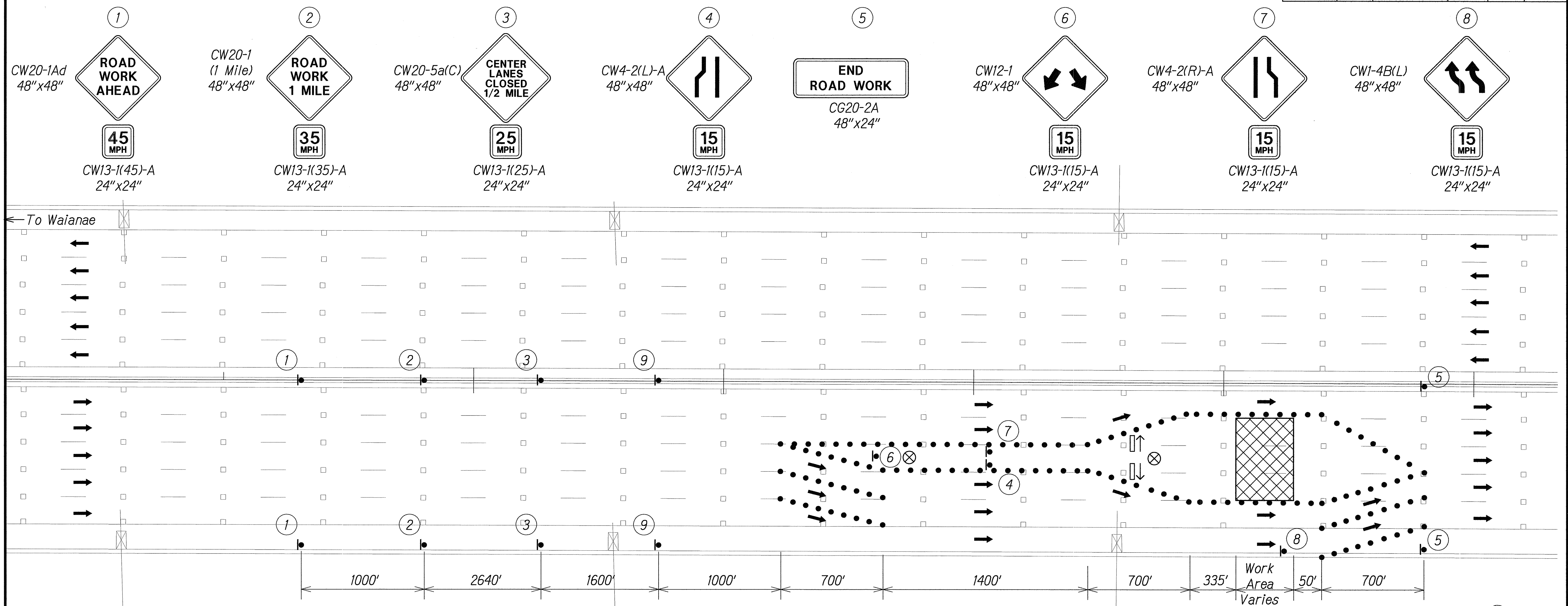
- Legend
- Sign
 - Cone or Delineator
 - ➔ Direction of Traffic
 - ⬆ Flashing Arrow Sign
 - ⊗ Police Officer

INBOUND TRAFFIC CONTROL PLAN 1
Not to Scale

PETE G. PASCUA
LICENSED PROFESSIONAL ENGINEER
No. 7263-C
HAWAII, U.S.A.
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION
8-8-12
4/30/14
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 3 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	19	55



QC/QA REVIEW 100% DATE: AUGUST 8, 2012

BY: [Signature] OBY: [Signature] OBY: [Signature] OBY: [Signature]

DATE: _____

SURVEY PLOTTED BY: _____

DRAWN BY: _____

DESIGNED BY: _____

CHECKED BY: _____

ORIGINAL PLAN NOTE BOOK No. _____

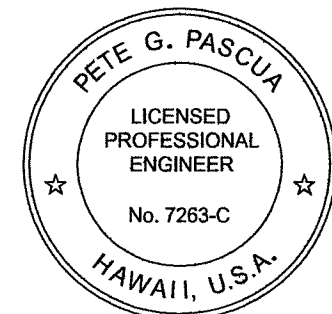
Notes:

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 2

Not to Scale



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8-8-12

4/30/14

EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

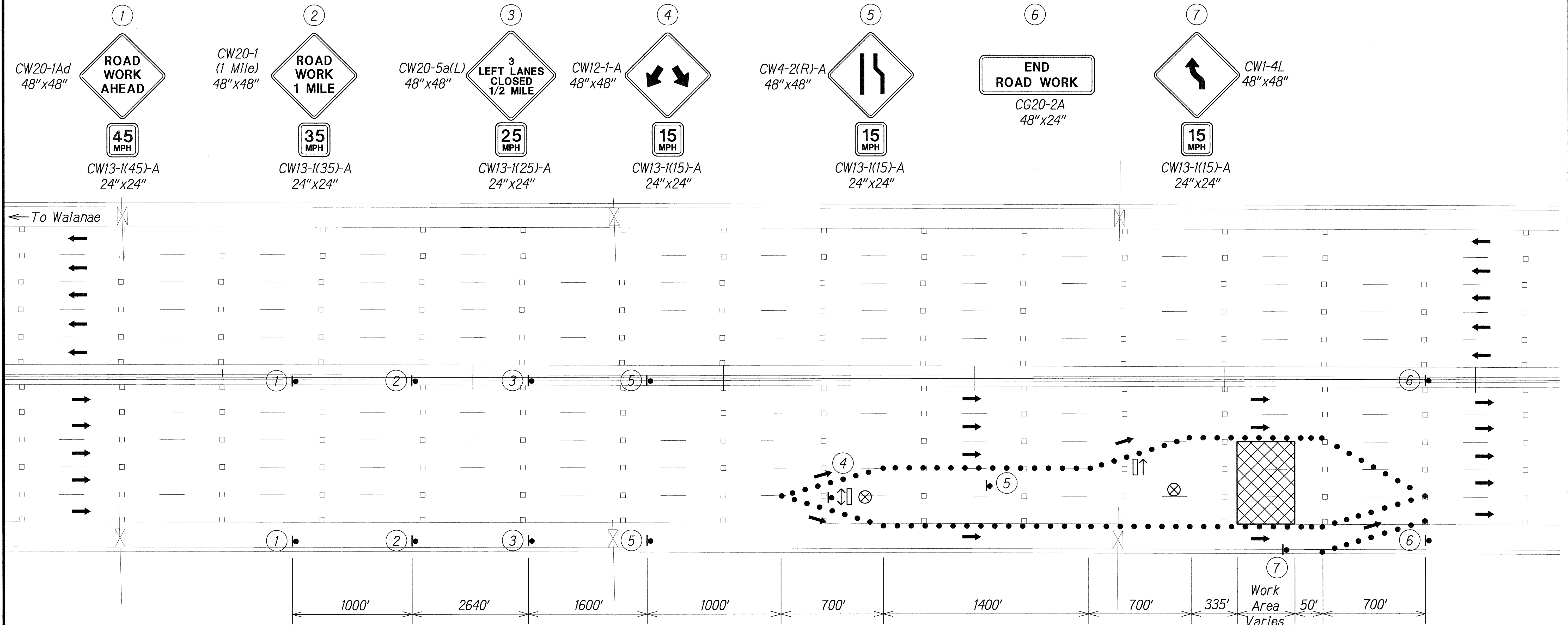
TYPICAL TRAFFIC CONTROL PLAN

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

Scale: As Noted Date: July 2012

SHEET No. 4 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	20	55



QC/44 REVIEW 100% DATE: AUGUST 8, 2012
BY: [Signature] FOR: [Signature]
O BY: [Signature]
O BY: [Signature]
O BY: [Signature]

ORIGINAL PLAN
DATE: _____
DRAWN BY: _____
DESIGNED BY: _____
CHECKED BY: _____
NOTE BOOK
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

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

8-8-12

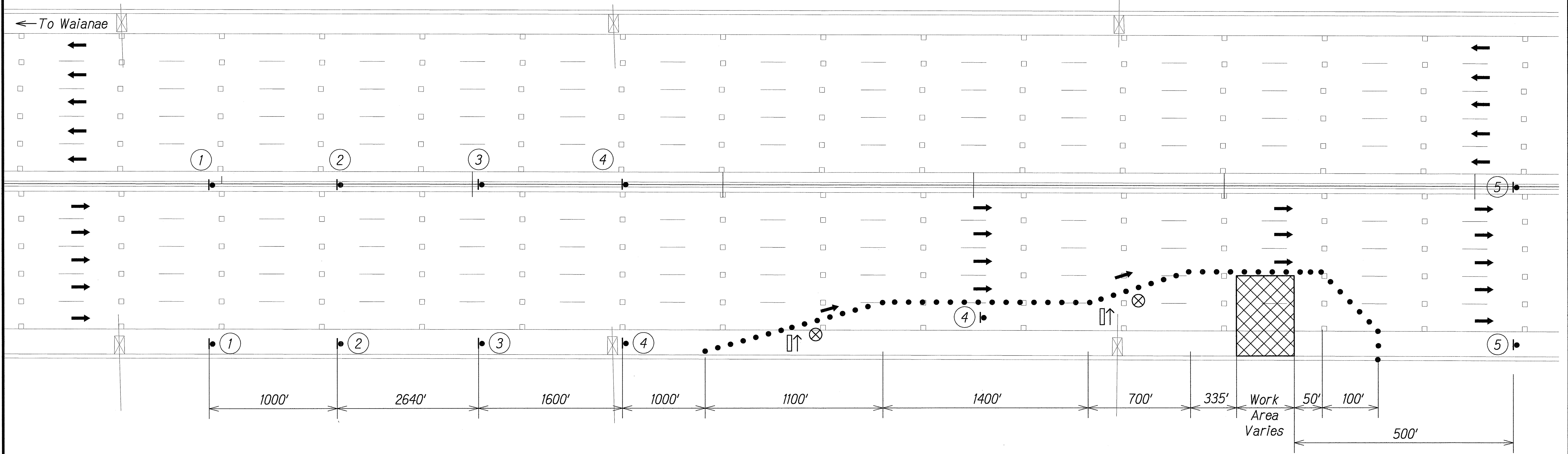
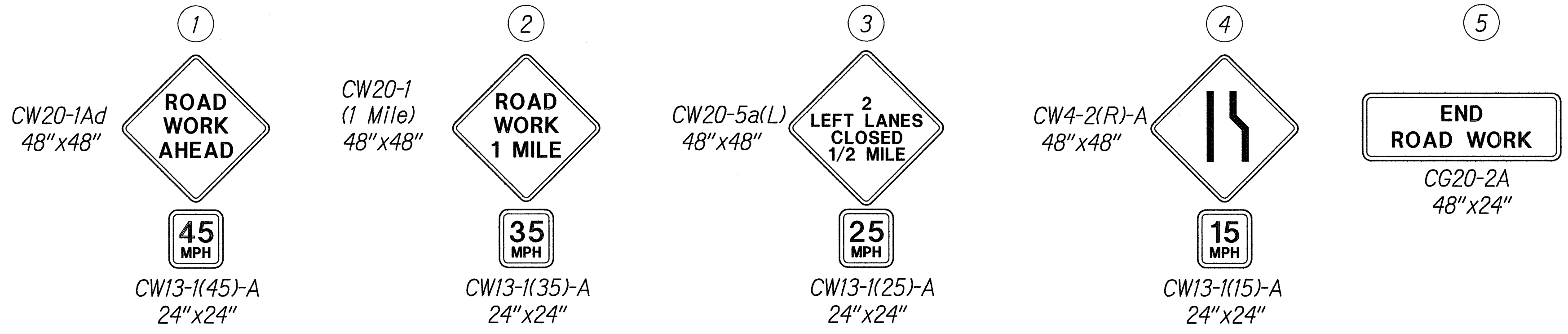
4/30/14

EXPIRATION DATE OF THE LICENSE



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 5 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	21	55



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

Not to Scale

QC/44 REVIEW 100%
 DATE AUGUST 8, 2012
 BY: [Signature]
 O BY: [Signature]
 O BY: [Signature]
 O BY: [Signature]

ORIGINAL PLAN
 SURVEY PLOTTED BY: [Signature]
 DATE: [Signature]
 DRAWN BY: [Signature]
 TRACED BY: [Signature]
 DESIGNED BY: [Signature]
 QUANTITIES BY: [Signature]
 CHECKED BY: [Signature]
 No. [Signature]

THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION AND
 CONSTRUCTION OF THIS PROJECT
 WILL BE UNDER MY OBSERVATION

Signature: [Signature]
 EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL TRAFFIC CONTROL PLAN

INTERSTATE ROUTE H-1

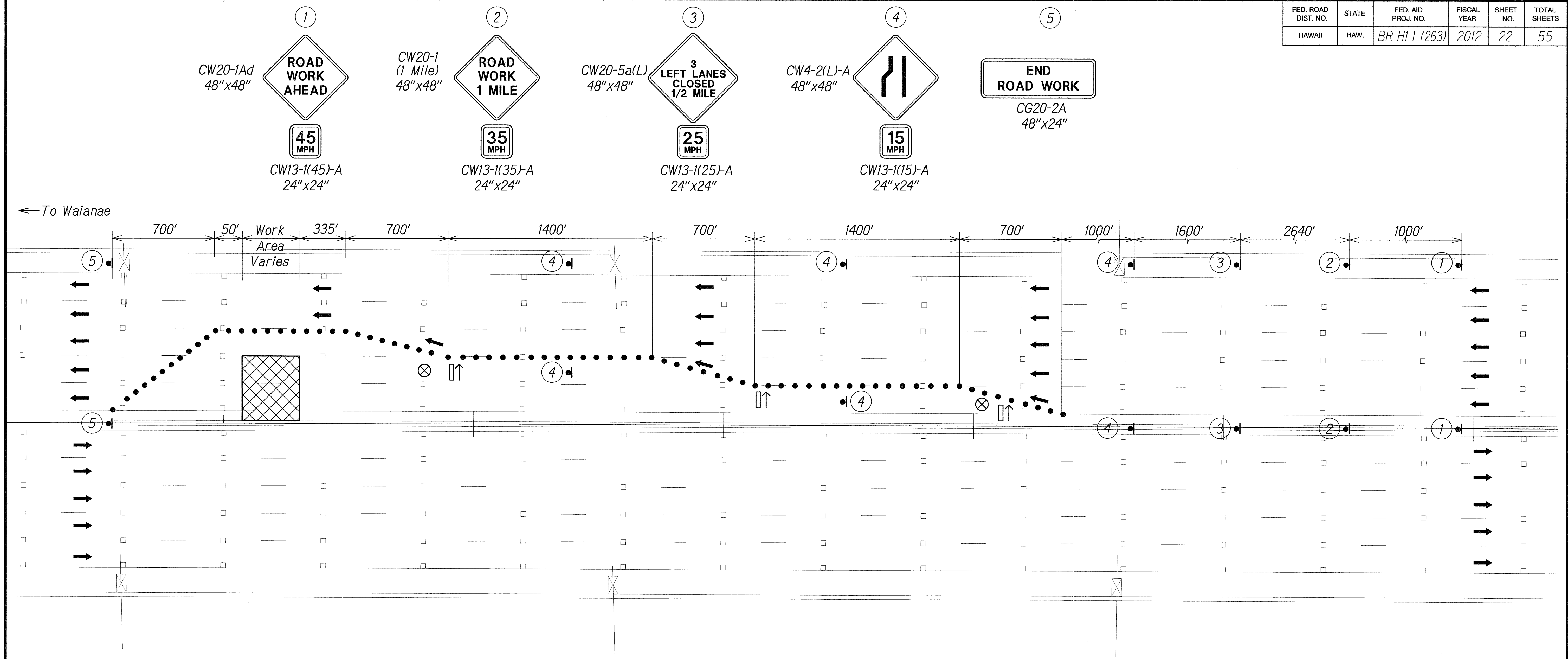
FEDERAL AID PROJECT NO. BR-HI-1 (263)

Scale: As Noted

Date: July 2012

SHEET No. 6 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	22	55



QC/QA REVIEW	100%	DATE	AUGUST 8, 2012
BY		DESIGNED BY	
BY		DESIGNED BY	
BY		DESIGNED BY	
BY		DESIGNED BY	

ORIGINAL PLAN	DATE	
NOTE BOOK	DATE	
NO.	DATE	
NO.	DATE	
NO.	DATE	

- 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

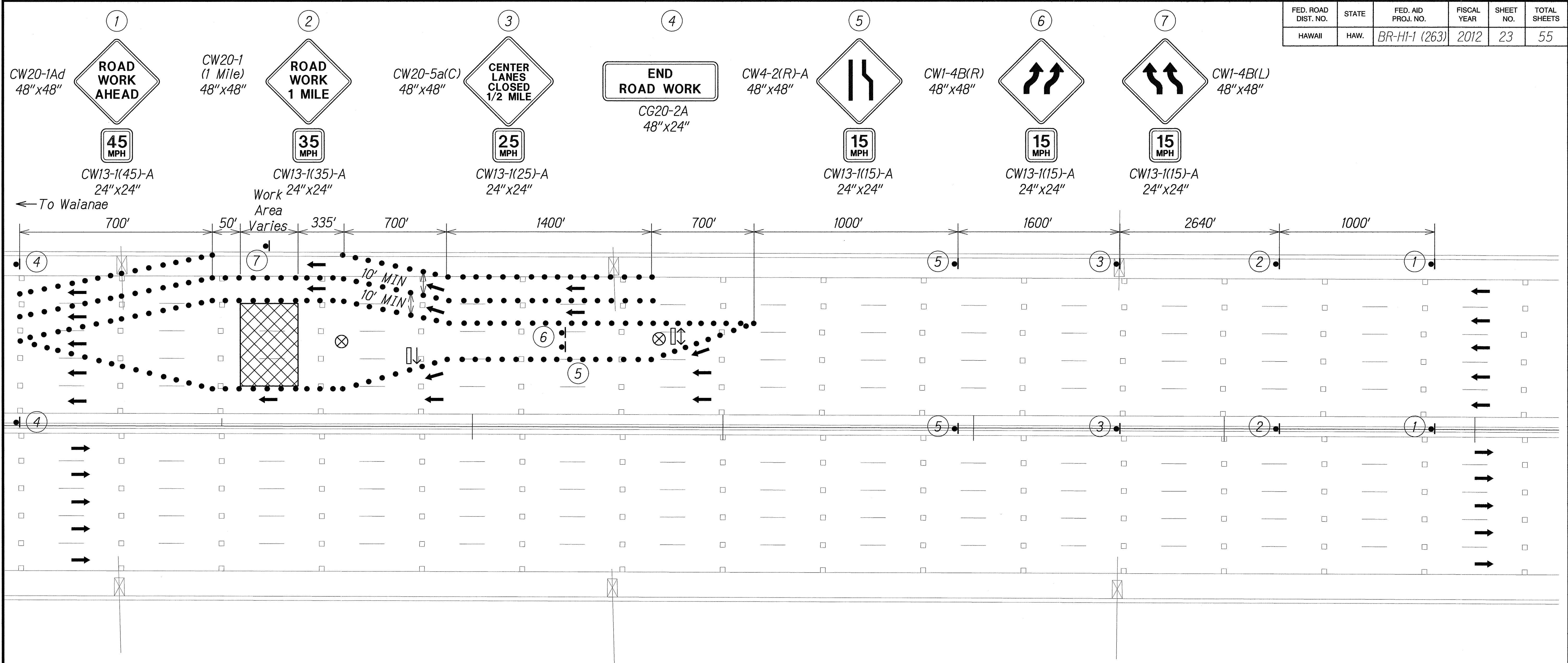
TRAFFIC CONTROL PLAN
PEARL CITY VIADUCT - OUTBOUND
Not to Scale

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Pete G. Pascua
8-8-12
4/30/14
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 7 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	23	55



QC/QA REVIEW 100%
DATE AUGUST 8, 2012
BY: [Signature]
BY: [Signature]
BY: [Signature]
BY: [Signature]

ORIGINAL PLAN
NOTE BOOK
No. _____
DATE _____
DESIGNED BY _____
CHECKED BY _____
DESIGNED BY _____
CHECKED BY _____

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

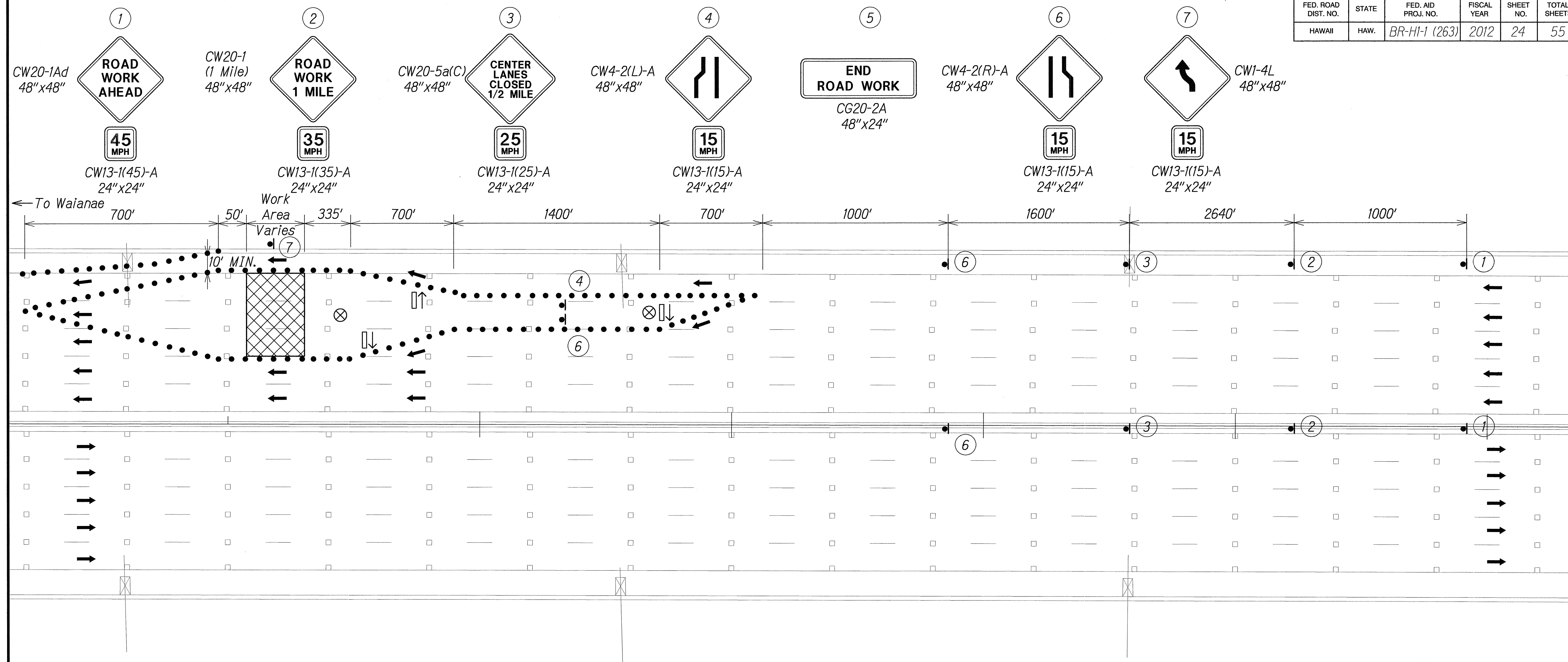
OUTBOUND TRAFFIC CONTROL PLAN 2

Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 8 OF 22 SHEETS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 8 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	24	55



QC/QA REVIEW	100%	DATE/AUGUST 8, 2012
BY		
BY		
BY		
BY		

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

OUTBOUND TRAFFIC CONTROL PLAN 3

Not to Scale



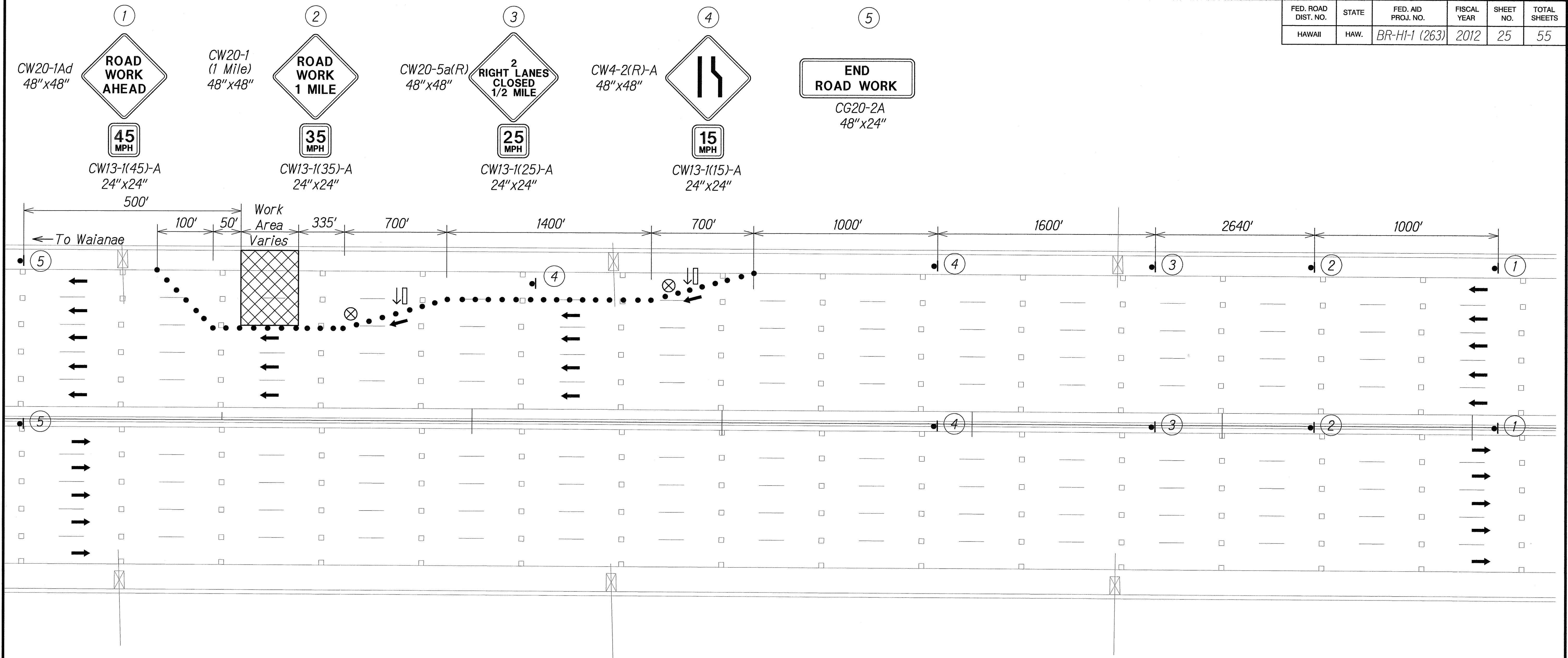
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Signature: *Pete Pascua* 8-8-12

EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted
Date: July 2012
SHEET No. 9 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	25	55



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

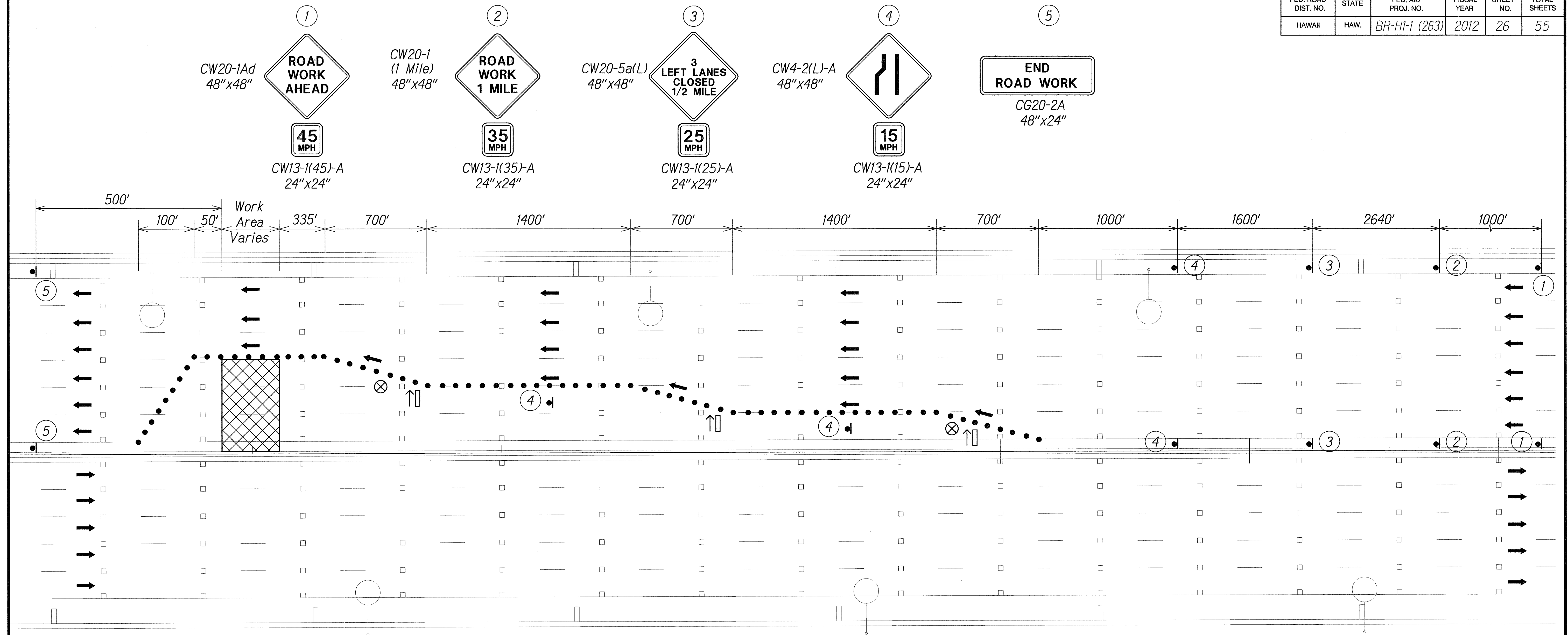
Not to Scale

QC/QA REVIEW 100%
DATE AUGUST 8, 2012
BY [Signature]
BY [Signature]
BY [Signature]
BY [Signature]

ORIGINAL PLAN
DESIGNED BY [Signature]
CHECKED BY [Signature]
DATE [Signature]
NOTE BOOK
No. [Signature]

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 10 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	26	55



QC/4a REVIEW 100% DATE AUGUST 8, 2012

BY: [Signature] O BY: [Signature] O BY: [Signature] O BY: [Signature]

ORIGINAL PLAN

DATE: _____

SURVEY PLOTTED BY: _____

DRAWN BY: _____

TRACED BY: _____

DESIGNED BY: _____

QUANTITIES BY: _____

CHECKED BY: _____

NOTE BOOK

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

TYPICAL TRAFFIC CONTROL PLAN WAIMALU VIADUCT Not to Scale

PETE G. PASCUA
 LICENSED PROFESSIONAL ENGINEER
 No. 7263-C
 HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Signature: [Signature] 8-8-12
 EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

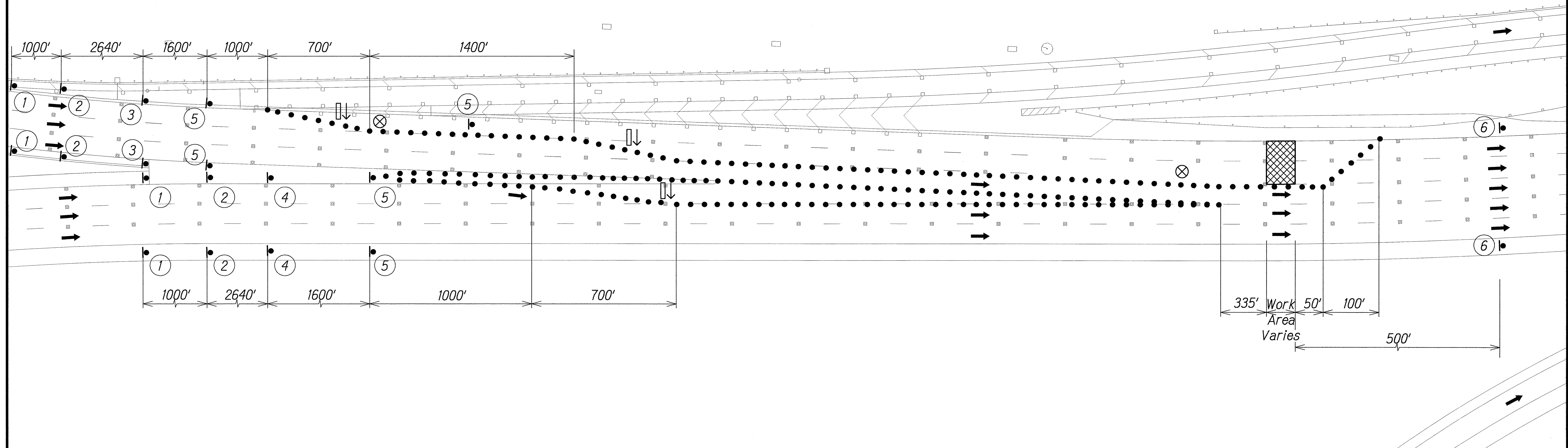
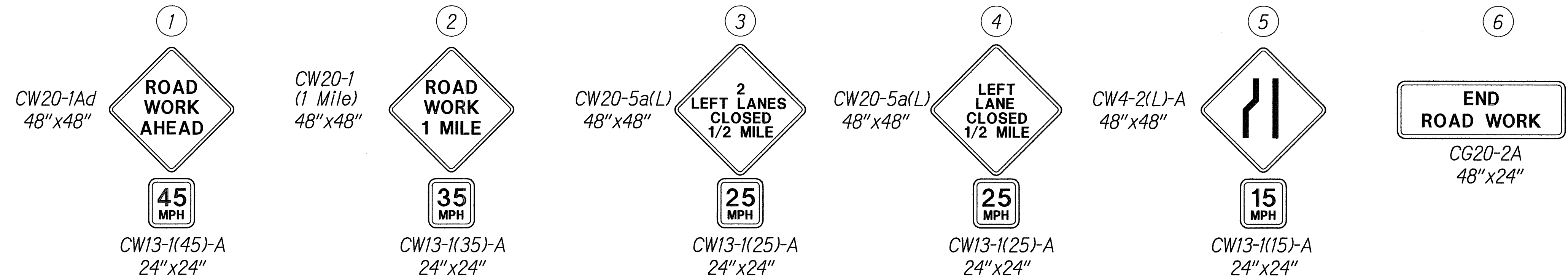
TYPICAL TRAFFIC CONTROL PLAN

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

Scale: As Noted Date: July 2012

SHEET No. 11 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-H1-1 (263)	2012	27	55



QC/QA REVIEW 100% DATE: AUGUST 8, 2012

BY: [Signature] CHECKED BY: [Signature]

DESIGNED BY: [Signature] DRAWN BY: [Signature]

NOTED BY: [Signature] SURVEY PLOTTED BY: [Signature]

ORIGINAL PLAN NOTE BOOK No. _____

DESIGNED BY: _____

DRAWN BY: _____

CHECKED BY: _____

SURVEY PLOTTED BY: _____

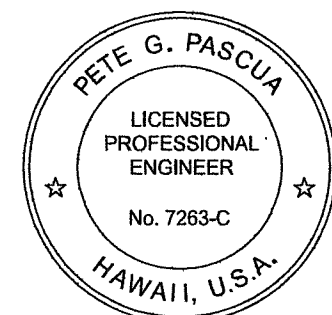
Notes:

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
H-1/H-2 MERGE
Not to Scale



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Signature: [Signature] Date: 8-8-12

EXPIRATION DATE OF THE LICENSE: 4/30/14

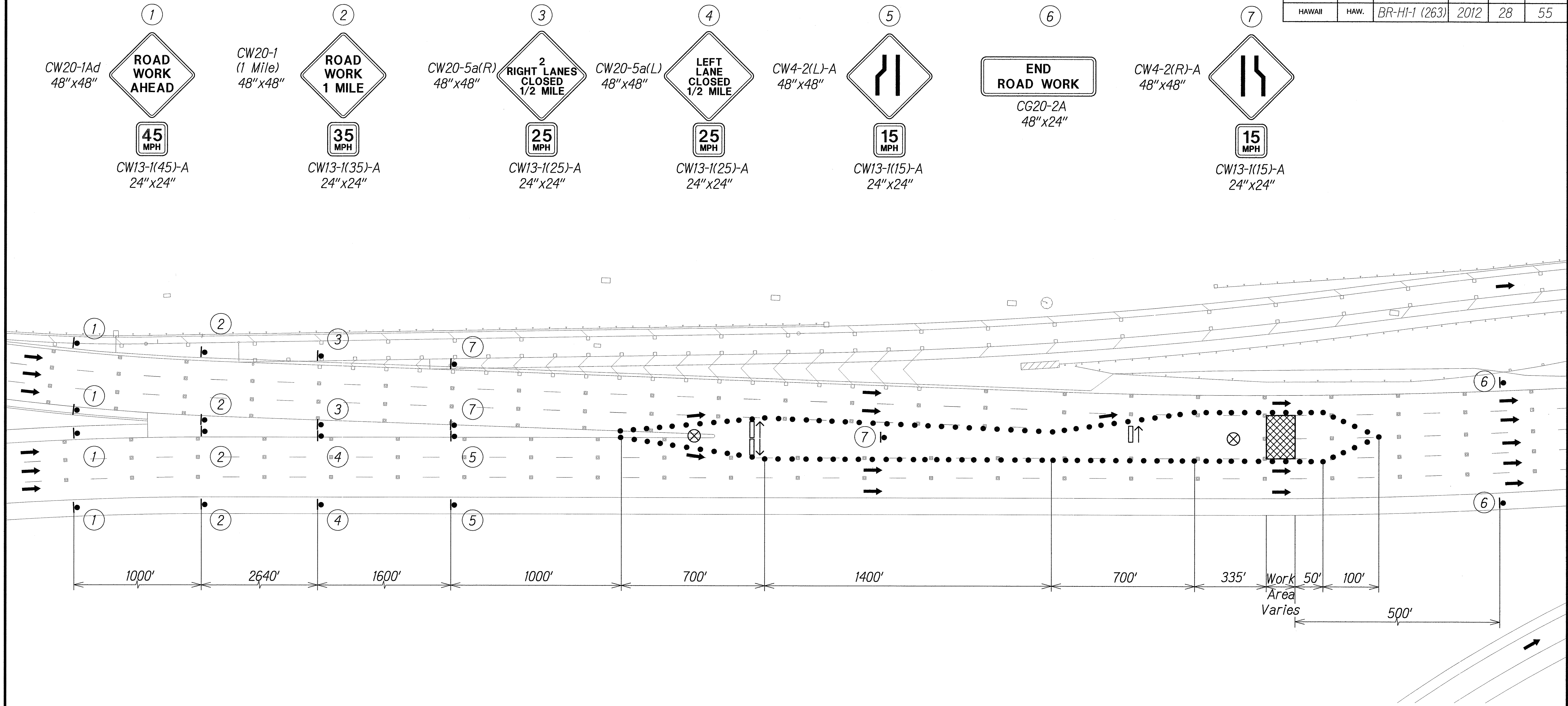
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN

INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-H1-1 (263)

Scale: As Noted Date: July 2012

SHEET No. 12 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	28	55



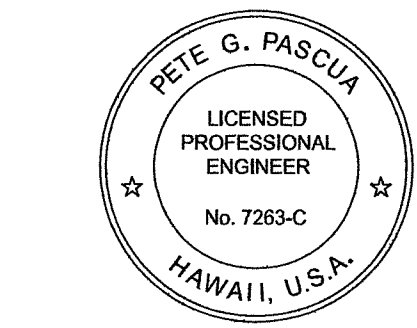
QC/QA REVIEW 100%
DATE AUGUST 8, 2012
BY: [Signature]
BY: [Signature]
BY: [Signature]
BY: [Signature]

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

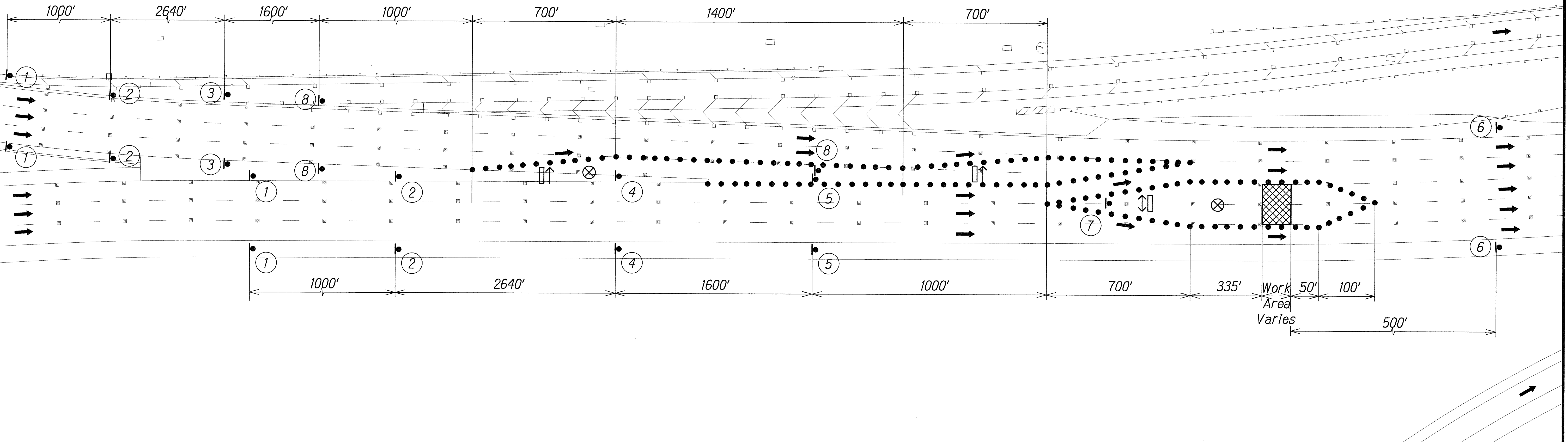
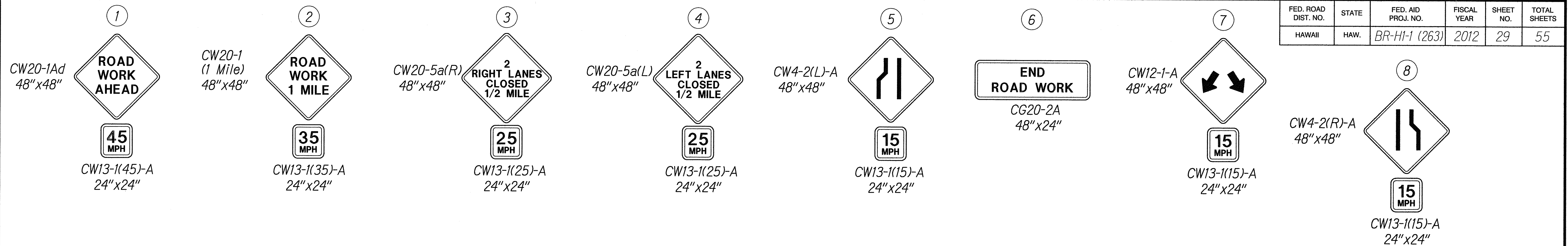
INBOUND TRAFFIC CONTROL PLAN 2
H-1/H-2 MERGE
Not to Scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION
Signature: [Signature] 8-8-12
EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 13 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	29	55



QC/QA REVIEW 100%
DATE AUGUST 8, 2012
BY [Signature]
CHECKED BY [Signature]

ORIGINAL PLAN
DRAWN BY [Signature]
DATE [Signature]
NOTE BOOK
QUANTITIES BY [Signature]
CHECKED BY [Signature]

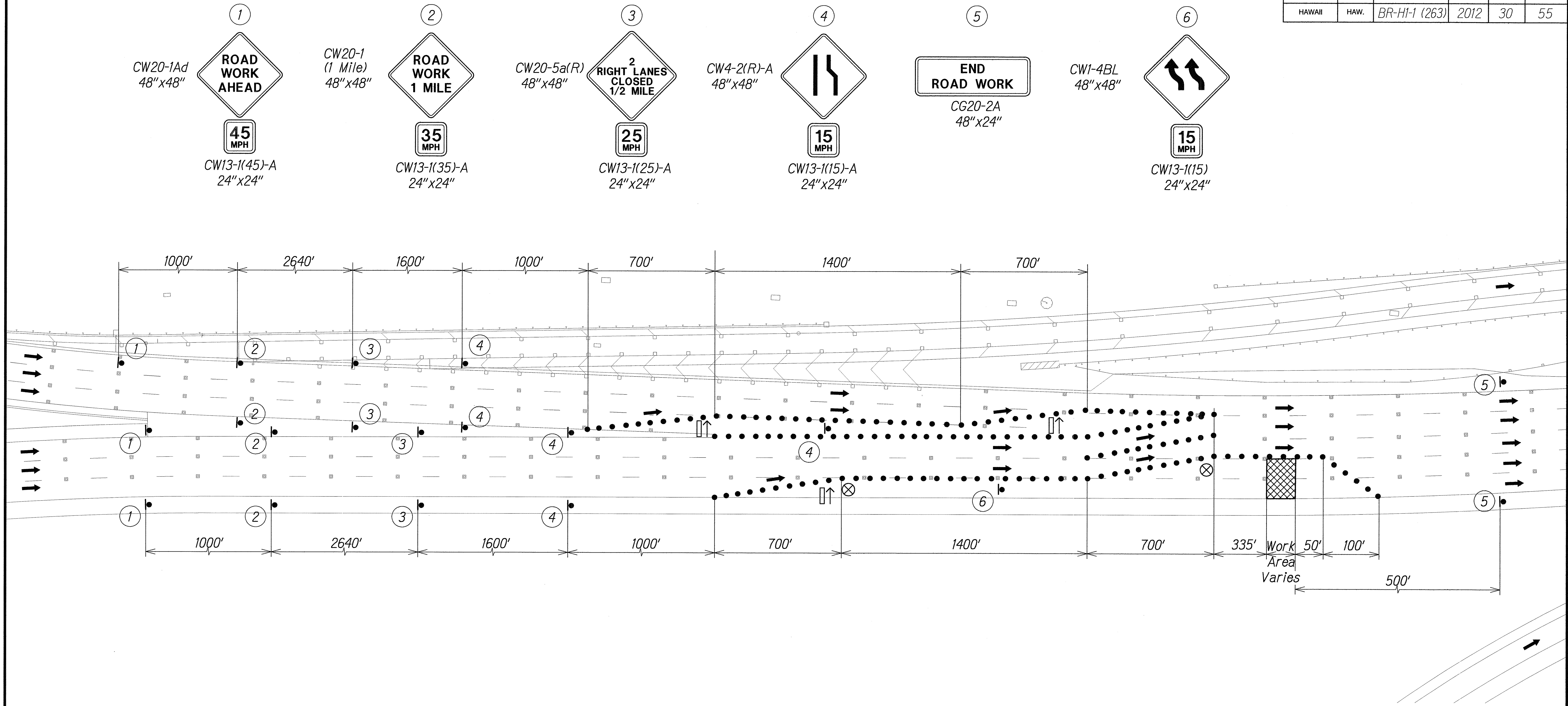
Notes:
1. Cones or delineators shall be installed at 55' o.c. max. on tapers and 10' o.c. on work area.

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

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 14 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	30	55



QC/QA REVIEW 100%
DATE 8/25/12
BY [Signature]
BY [Signature]
BY [Signature]
BY [Signature]

ORIGINAL PLAN
NO. []
DESIGNED BY []
CHECKED BY []
DATE []
SURVEY PLOTTED BY []
DRAWN BY []
NOTED BY []
DATE []

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 4
H-1/H-2 MERGE
Not to Scale

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 15 OF 22 SHEETS

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 15 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	31	55

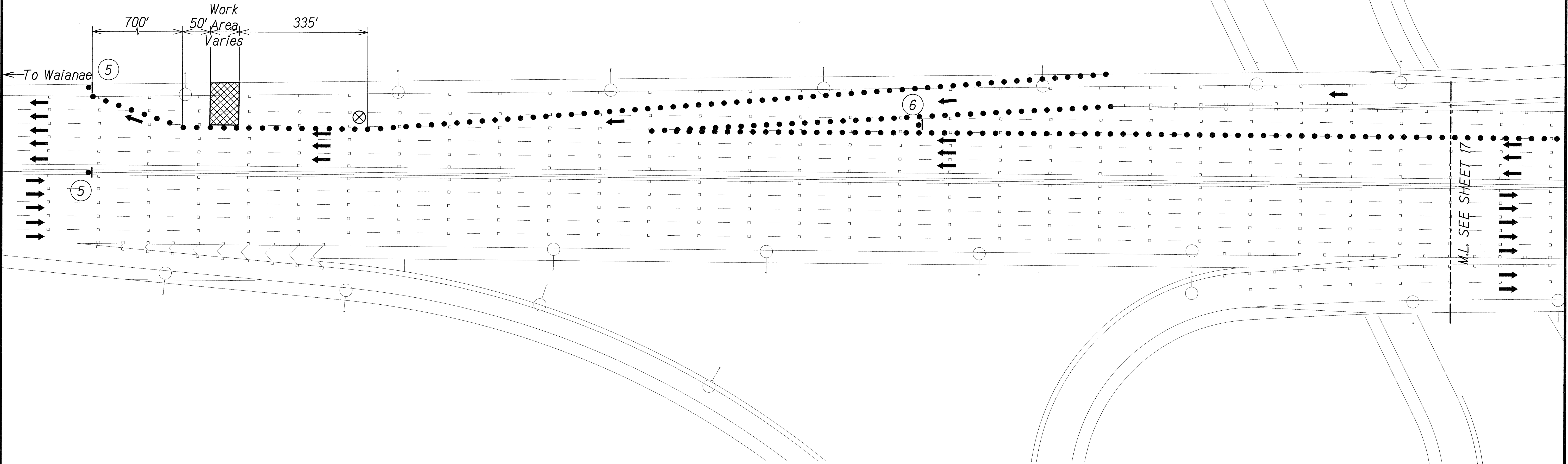
5

END ROAD WORK
CG20-2A
48"x24"

CW4-1R-A
48"x48"



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



QC/QA REVIEW 100% DATE AUGUST 8, 2012

BY: [Signature] FOR: [Signature]

BY: [Signature] FOR: [Signature]

BY: [Signature] FOR: [Signature]

BY: [Signature] FOR: [Signature]

ORIGINAL PLAN

DATE

SURVEY PLOTTED BY

DRAWN 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

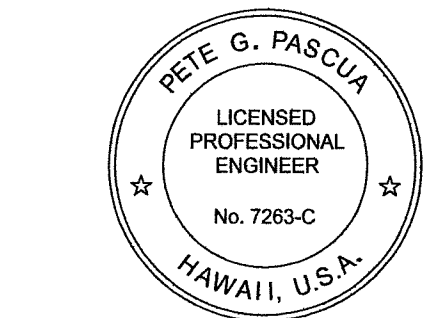
• Cone or Delineator

➔ Direction of Traffic

⬆ Flashing Arrow Sign

⊗ Police Officer

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Signature: [Signature] Date: 8-8-12

EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 16 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	32	55

1

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

15

MPH

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

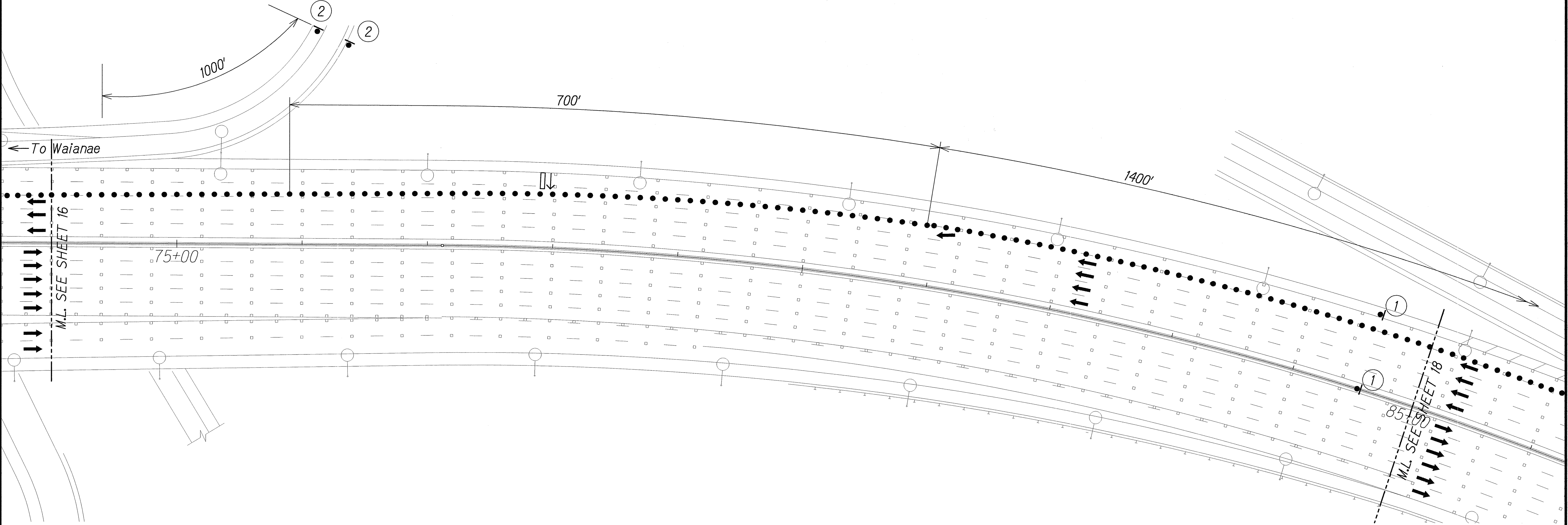
2

CW20-1Ad
48"x48"

15

MPH

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



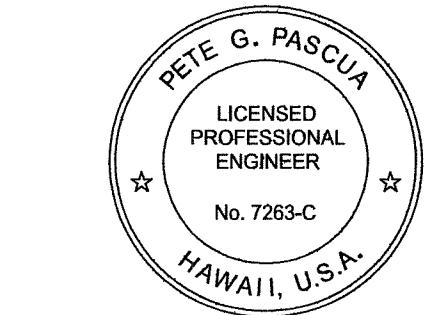
QC/QA REVIEW	100%	DATE	8/25/12
BY		DESIGNED BY	
BY		DESIGNED BY	
BY		DESIGNED BY	
BY		DESIGNED BY	

ORIGINAL PLAN	DATE
NOTE BOOK	
NO.	
SURVEY PLOTTED BY	
DRAWN 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

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

Pete Pascua 8-8-12

SIGNATURE EXPIRATION DATE OF THE LICENSE 4/30/14

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

TYPICAL TRAFFIC CONTROL PLAN

INTERSTATE ROUTE H-1

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

Scale: As Noted

Date: July 2012

SHEET No. 17 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	33	55

1

CW20-1Ad
48"x48"
CW13-1(45)-A
24"x24"

2

CW20-1
(1 Mile)
48"x48"
CW13-1(35)-A
24"x24"

3

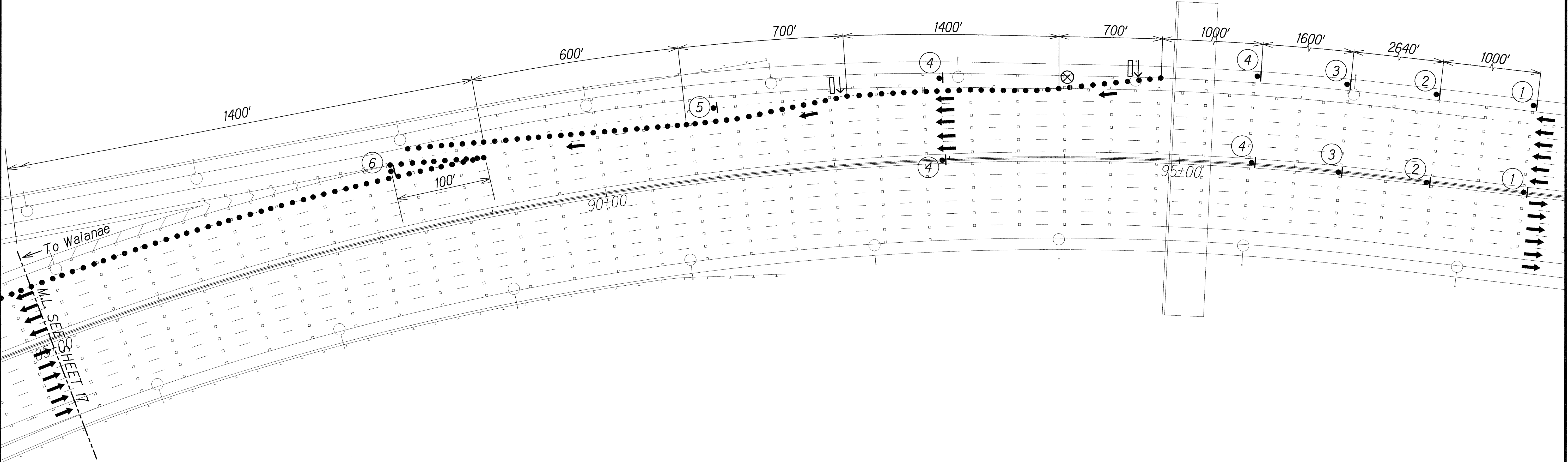
CW20-5a(R)
48"x48"
CW13-1(25)-A
24"x24"

4

CW4-2(R)-A
48"x48"
CW13-1(15)-A
24"x24"

5

6



100%
DATE: AUGUST 8, 2012
BY: [Signature]
BY: [Signature]
BY: [Signature]
BY: [Signature]

QC/QA REVIEW
DATE: [Blank]
BY: [Blank]
BY: [Blank]
BY: [Blank]
BY: [Blank]

DATE: [Blank]
SURVEY PLOTTED BY: [Blank]
DRAWN BY: [Blank]
DESIGNED BY: [Blank]
CHECKED BY: [Blank]

ORIGINAL PLAN
NOTE BOOK
No. [Blank]

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

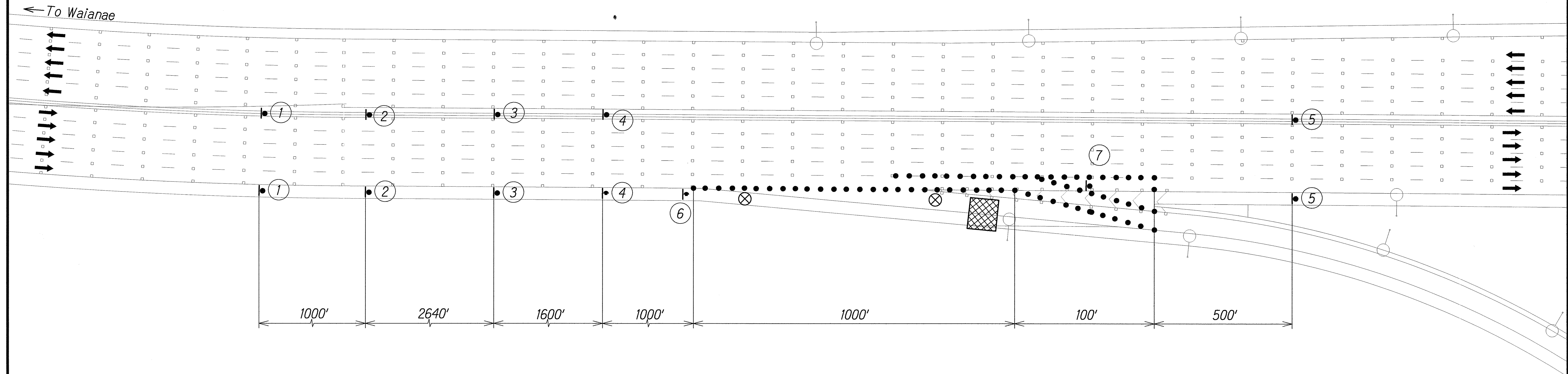
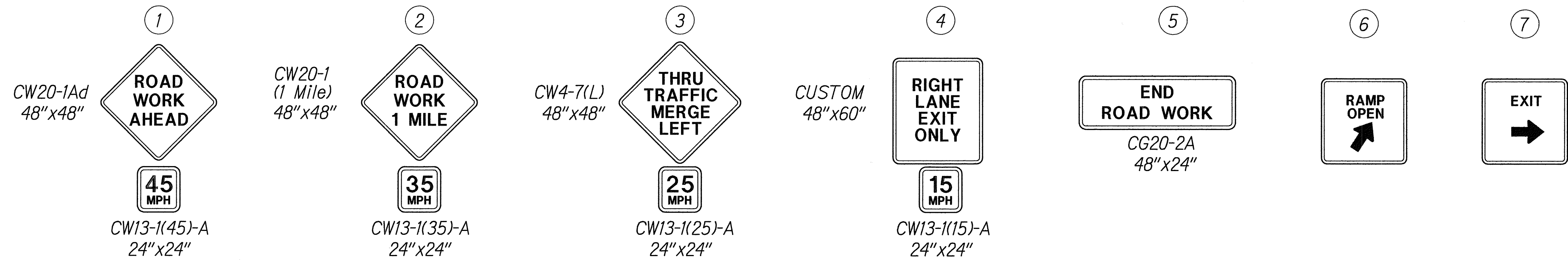
OUTBOUND TRAFFIC CONTROL PLAN 1C WAIMALU ON-RAMP Not to Scale

PETE G. PASCUA
LICENSED PROFESSIONAL ENGINEER
No. 7263-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION
[Signature]
8-8-12
4/30/14
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted
Date: July 2012
SHEET No. 18 OF 22 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	34	55



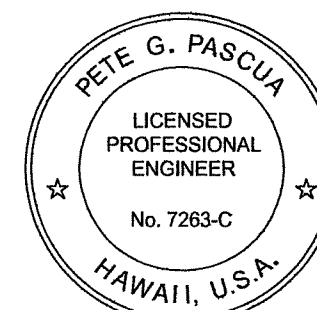
INBOUND TRAFFIC CONTROL PLAN
WAIMALU OFF-RAMP
Not to Scale

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



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION AND
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION
8-8-12
4/30/14
EXPIRATION DATE
OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TYPICAL TRAFFIC
CONTROL PLAN**
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 19 OF 22 SHEETS

QC/QA REVIEW 100% DATE: AUGUST 8, 2012
BY: [Signature] FOR: [Signature]
BY: [Signature] FOR: [Signature]
BY: [Signature] FOR: [Signature]
BY: [Signature] FOR: [Signature]

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

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

4

SR11-4-H
A60"x30"

ROAD CLOSED
TO
THRU TRAFFIC

SCM4-10R-H
A48"x18"

DETOUR
→

Mounted on Type
III Barricade

SCM4-10L-H
A48"x18"

DETOUR
←

Mounted on Type
III Barricade

5

CW21-4D-H
A48"x48"

ROAD
WORK
AHEAD

6

CW20-3D-A
48"x48"

ROAD
CLOSED
AHEAD

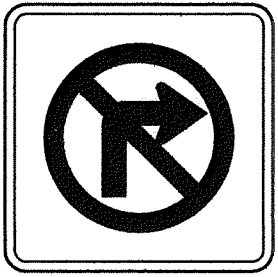
7

CW20-2D-A
48"x48"

DETOUR
AHEAD

8

SR3-1-H
48"x48"



9

SG20-2A-H
A48"x24"

END
ROAD WORK

10

SR3-2-H
48"x48"

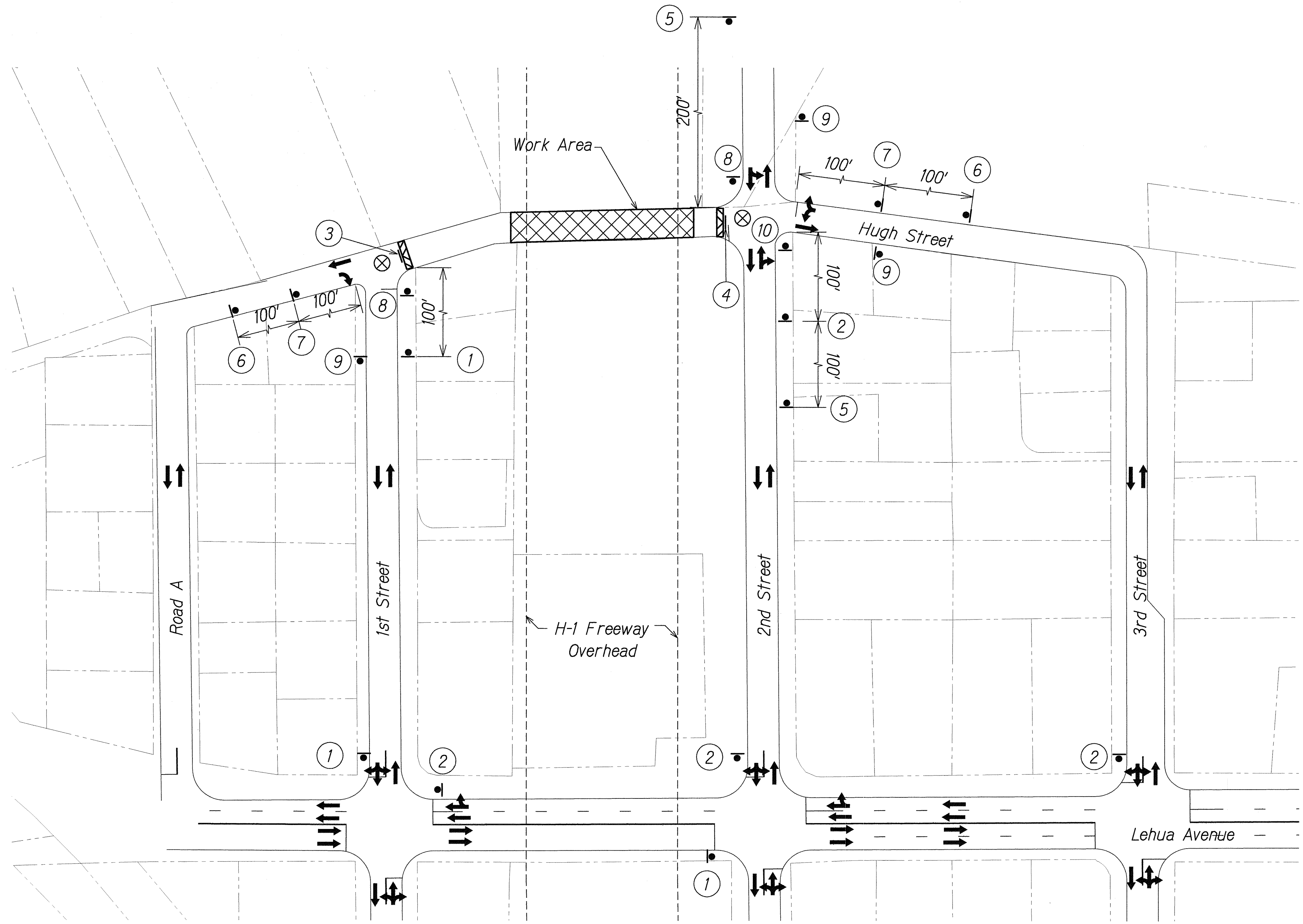


Notes:

1. 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.
2. Work hours shall be between 8:30 p.m. to 4:30 a.m. for all phases.

Legend

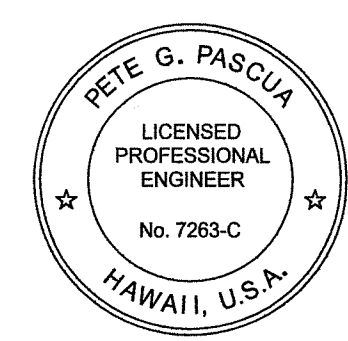
- Sign (Retroreflective)
- Cone or Delineator (Retroreflective)
- Direction of Traffic
- ⊗ Police Officer



HUGH ST. TRAFFIC CONTROL PLAN 3
Not to Scale

APPROVED:


CHIEF, TRAFFIC REVIEW BRANCH, D.P.P.
CITY & COUNTY OF HONOLULU
DATE: 7/11/12



THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION AND
CONSTRUCTION OF THIS PROJECT
WILL BE UNDER MY OBSERVATION

EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**TYPICAL TRAFFIC
CONTROL PLAN**
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 20 OF 22 SHEETS

QC/QA REVIEW 100%
DATE MAY 3, 2012
BY: [Signature]
BY: [Signature]
BY: [Signature]
BY: [Signature]

ORIGINAL PLAN
DRAWN BY: [Signature]
DESIGNED BY: [Signature]
NOTED BY: [Signature]
DATE: [Blank]
NO. [Blank]

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-HI-1 (263)	2012	36	55

1
ROAD WORK AHEAD
CW21-4D-H
A48"x48"

2
LEFT LANE CLOSED AHEAD
SCW20-5LA-4
A48"x48"

3

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

4
THRU TRAFFIC MERGE LEFT
SCW9-3L-H
A48"x48"

5
END ROAD WORK
SG20-2A-H
A48"x24"

6
LOCAL TRAFFIC ONLY

7

ONLY
SR3-5R-H
30"x36"

8

ONLY
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"

13

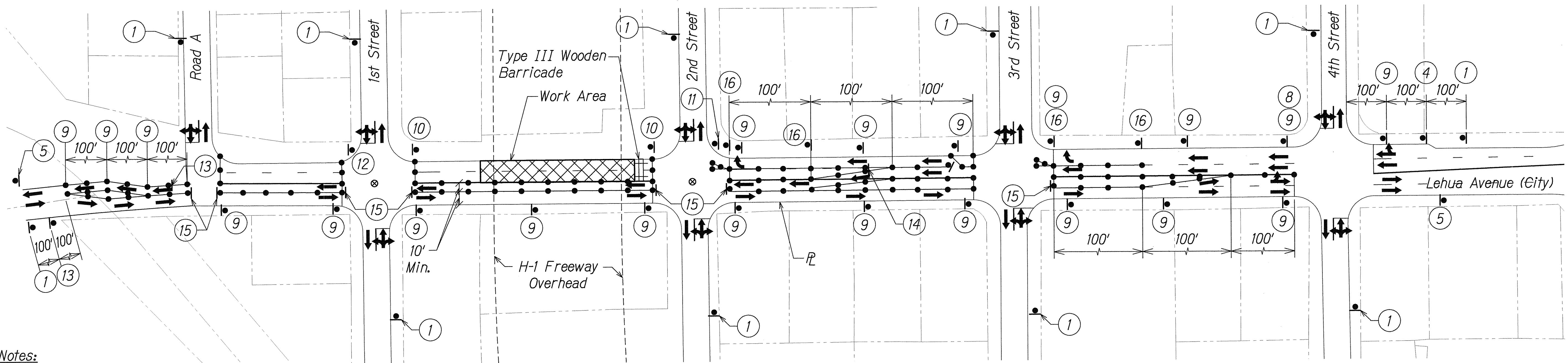
CW1-4R-H
A48"x48"

14

CW1-4L-H
A48"x48"

15
KEEP RIGHT
SR4-7A-H
24"x30"

16
RIGHT LANE MUST TURN RIGHT
SR3-7R-H
36"x36"



- Notes:
1. 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.
 2. 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.
 3. 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
 - ⬆ Flashing Arrow Sign
 - ⊙ Police Officer

LEHUA AVE. TRAFFIC CONTROL PLAN 1
Not to Scale

APPROVED:
CHIEF, TRAFFIC REVIEW BRANCH, D.P.P.
CITY & COUNTY OF HONOLULU
DATE: 7/12/12

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

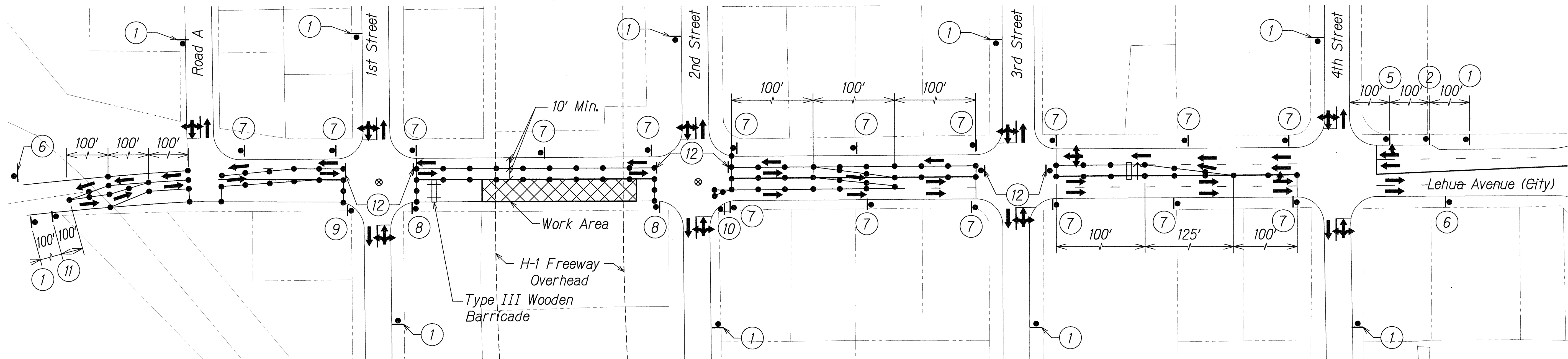
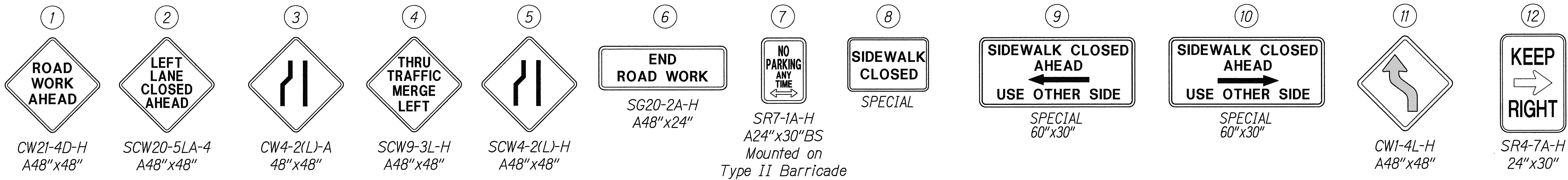
EXPIRATION DATE OF THE LICENSE: 4/30/14

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 21 OF 22 SHEETS

QC/QA REVIEW 100%
DATE MAY 31, 2012
BY:
CHECKED BY:

SURVEY PLOTTED BY: _____ DATE: _____
DRAWN BY: _____
DESIGNED BY: _____
NOTE BOOK: _____
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	37	55



Notes:

1. 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.
2. 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

LEHUA AVE. TRAFFIC CONTROL PLAN 2

Not to Scale



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION

SIGNATURE: *Pete G. Pascua* DATE: 7/11/12 EXPIRATION DATE OF THE LICENSE: 4/30/14

APPROVED:

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

DATE: 7/11/12

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
TYPICAL TRAFFIC CONTROL PLAN
INTERSTATE ROUTE H-1
FEDERAL AID PROJECT NO. BR-HI-1 (263)
Scale: As Noted Date: July 2012
SHEET No. 22 OF 22 SHEETS