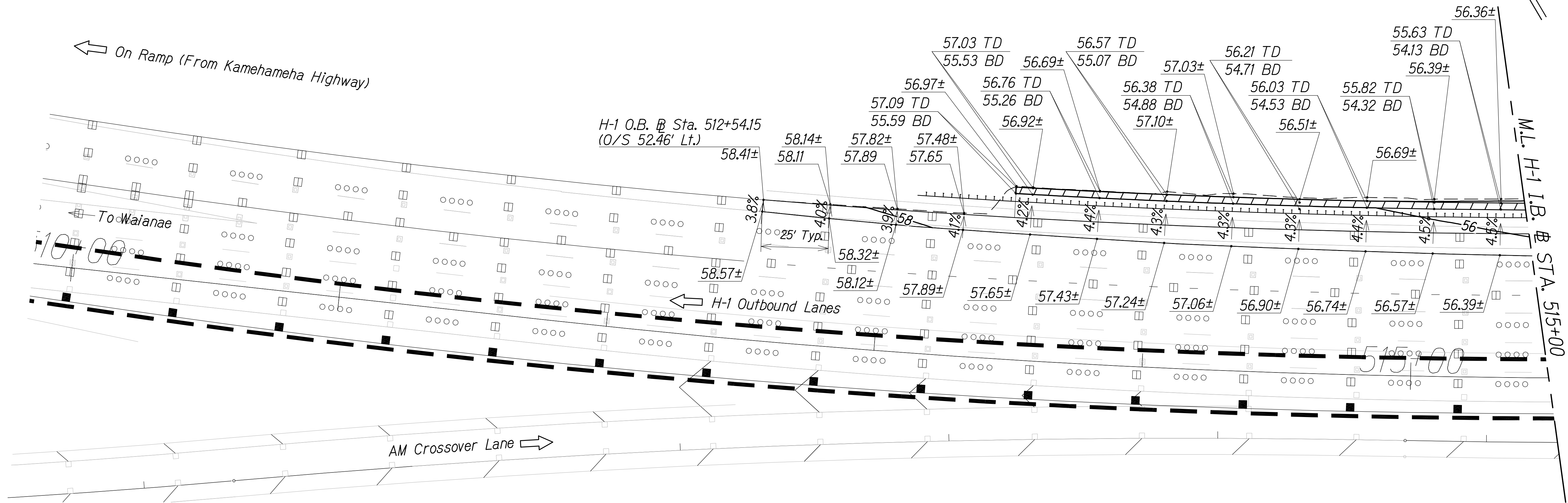


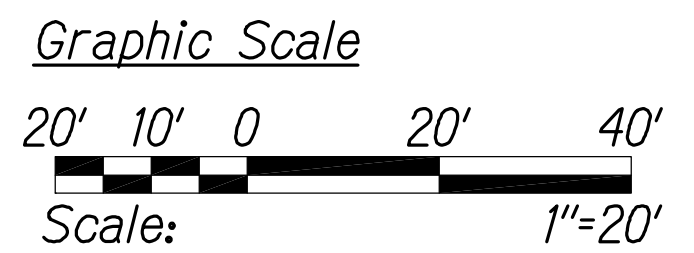
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-H1-1 (260)	2014	65	200

TRUE NORTH
SCALE: 1" = 20'



- Notes:**
- Spot elevations spaced at 25' o.c. typical.
 - Cross slope of a.c. pavement widening shall match exist. travelway cross slope.

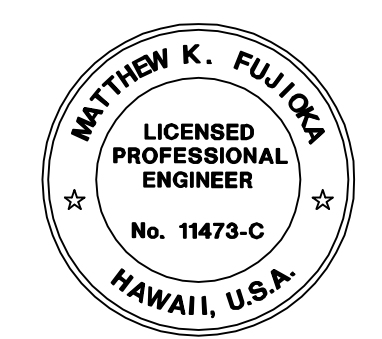
Legend:
TD = Top of Ditch
BD = Bottom of Ditch



GRADING PLAN
STA. 510+00 TO # STA. 515+00
Scale: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

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



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Matthew K. Fujioa
WILSON OKAMOTO CORPORATION APRIL 30, 2016 LIC. EXP. DATE

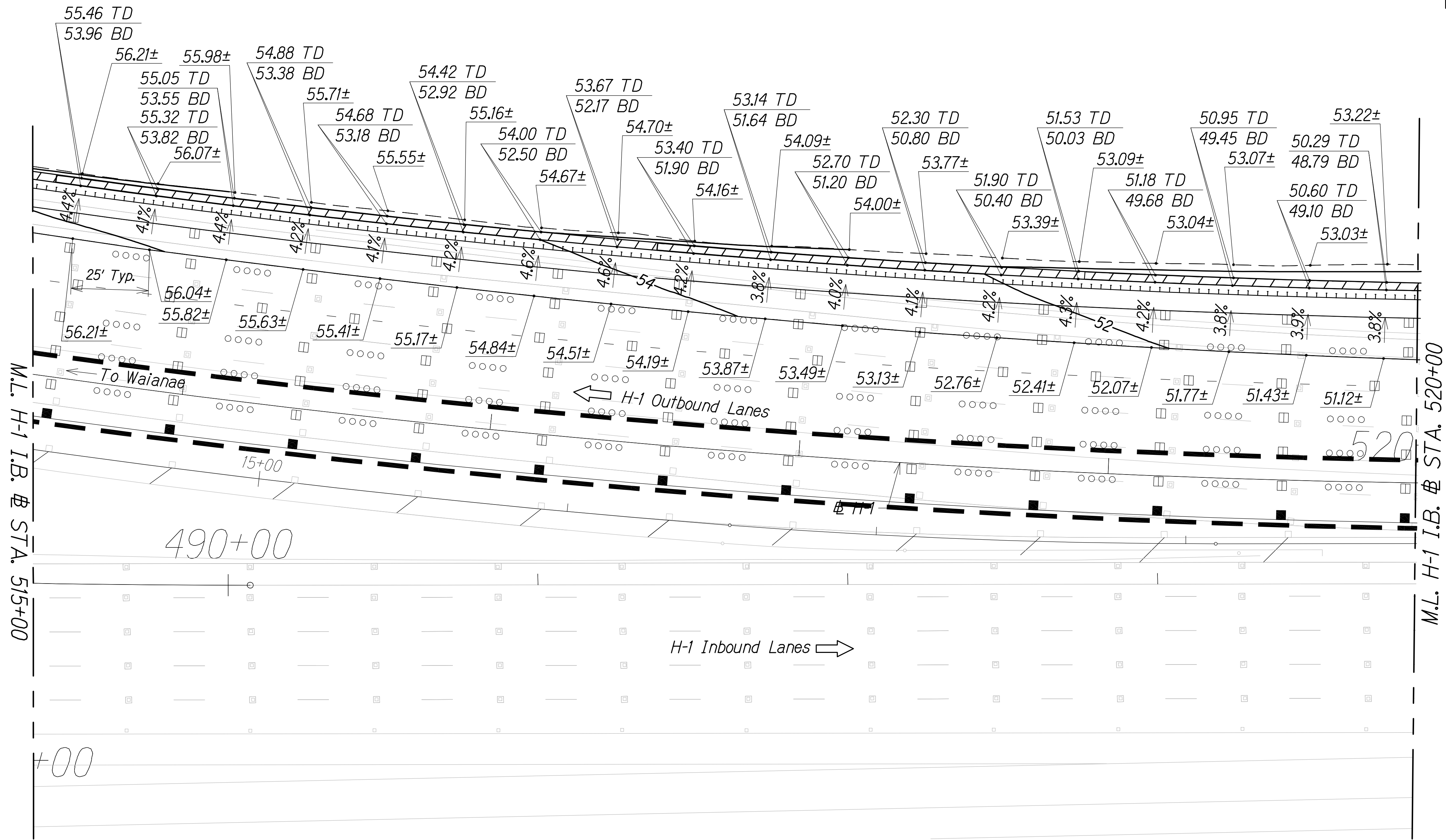
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-H1-1 (260)
Scale: 1" = 20' Date: December, 2014

SHEET No. GR-01 OF 11 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	66	200



TRUE NORTH
SCALE: 1" = 20'

QC/QA REVIEW	100%	DATE	JUL 12, 2015
BY		BY	
BY		BY	
BY		BY	

ORIGINAL PLAN	DATE	
DESIGNED BY		
QUANTITIES BY		
CHECKED BY		

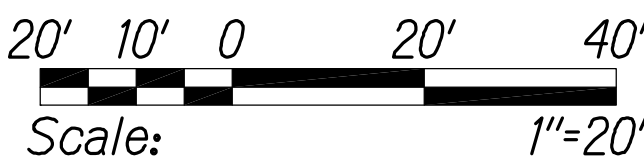
Notes:

- Spot elevations spaced at 25' o.c. typical.
- Cross slope of a.c. pavement widening shall match exist. travelway cross slope.

Legend:

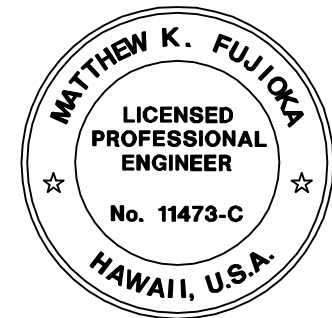
TD = Top of Ditch
BD = Bottom of Ditch

Graphic Scale



GRADING PLAN
@ STA. 515+00 TO @ STA. 520+00
Scale: 1" = 20'

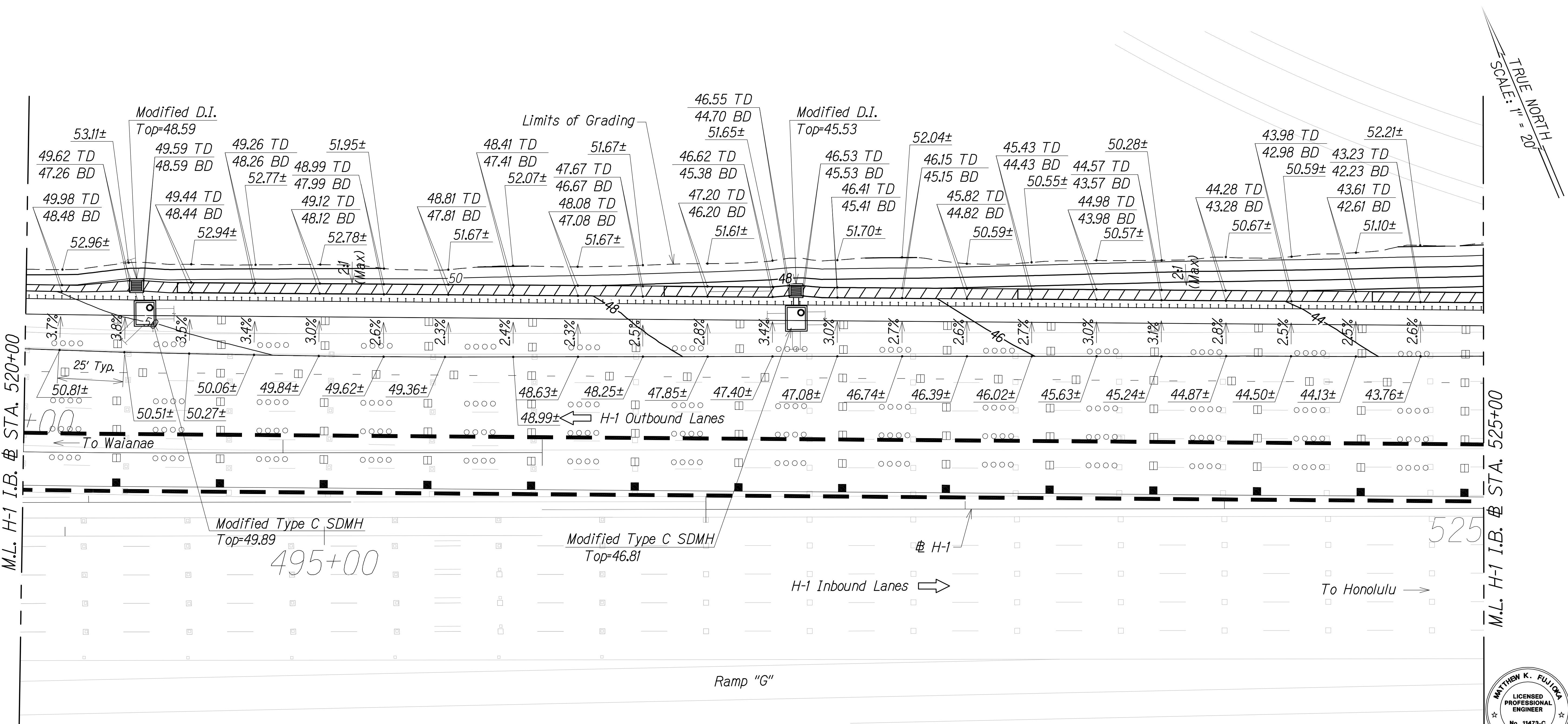
LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
GRADING PLAN
INTERSTATE ROUTE H-1 PM CONTRAFLOW LANE, PHASE 3 FEDERAL AID PROJECT NO. NH-HI-1 (260) Scale: 1" = 20' Date: December, 2014
SHEET No. GR-02 OF 11 SHEETS

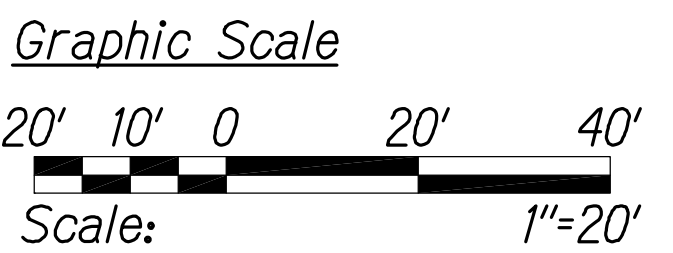
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	67	200



- Notes:
- Spot elevations spaced at 25' o.c. typical.
 - Cross slope of a.c. pavement widening shall match exist. travelway cross slope.

Legend:

TD = Top of Ditch
BD = Bottom of Ditch



GRADING PLAN
STA. 520+00 TO # STA. 525+00
Scale: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

Double line for as-built deletion

Roadway Text for as-built posting

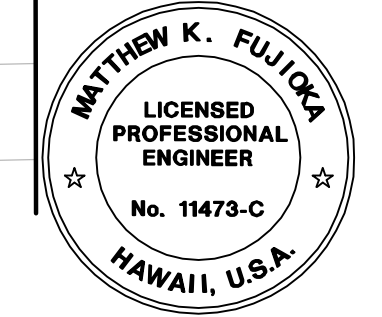
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)

Scale: 1" = 20' Date: December, 2014

SHEET No. GR-03 OF 11 SHEETS



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APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

QC/QA REVIEW 100% DATE JUL 12, 2015

BY: *[Signature]*

DESIGNED BY: *[Signature]*

CHECKED BY: *[Signature]*

ORIGINAL PLAN

DATE

DESIGNED BY

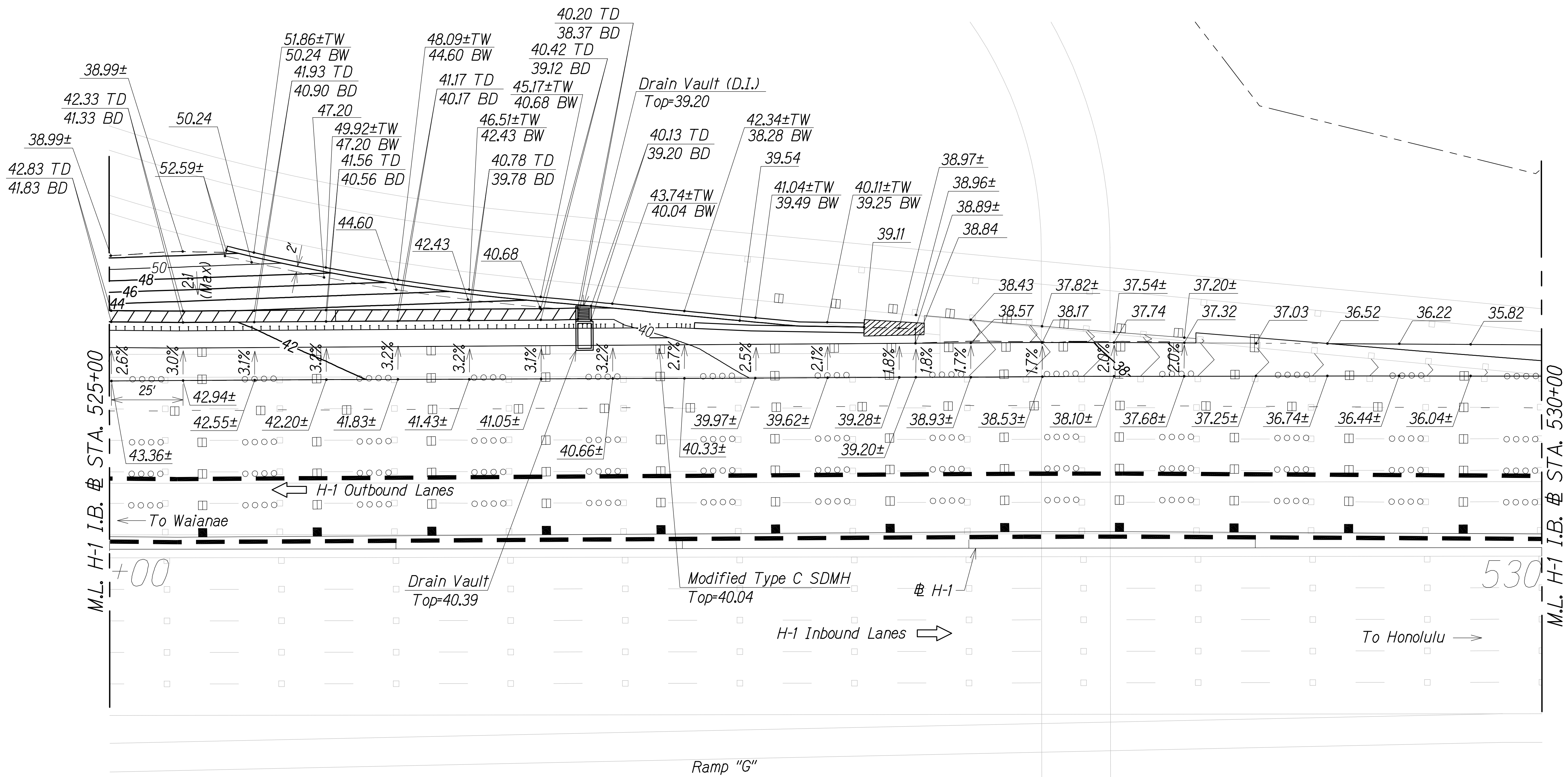
CHECKED BY

DATE

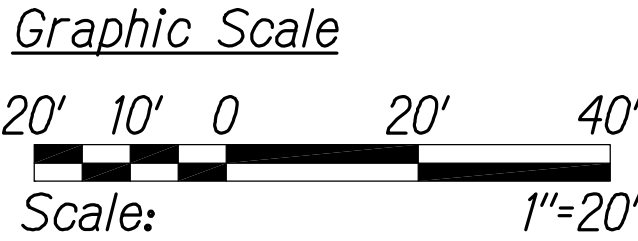
DESIGNED BY

CHECKED BY

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-HI-1 (260)	2014	68	200



- Notes:**
- Spot elevations spaced at 25' o.c. typical.
 - Cross slope of a.c. pavement widening shall match exist. travelway cross slope.
- Legend:**
- TD = Top of Ditch
BD = Bottom of Ditch
TW = Top of Wall
BW = Bottom of Wall



GRADING PLAN
STA. 525+00 TO # STA. 530+00
Scale: 1" = 20'

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

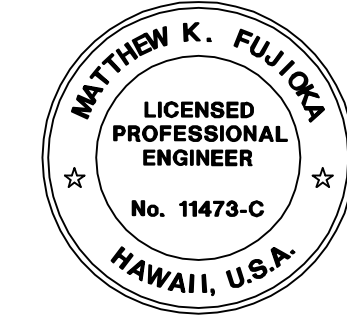
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GRADING PLAN**

INTERSTATE ROUTE H-1  
PM CONTRAFLOW LANE, PHASE 3  
FEDERAL AID PROJECT NO. NH-HI-1 (260)

Scale: 1" = 20' Date: December, 2014

SHEET No. GR-04 OF 11 SHEETS



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*Matthew K. Fujimura*

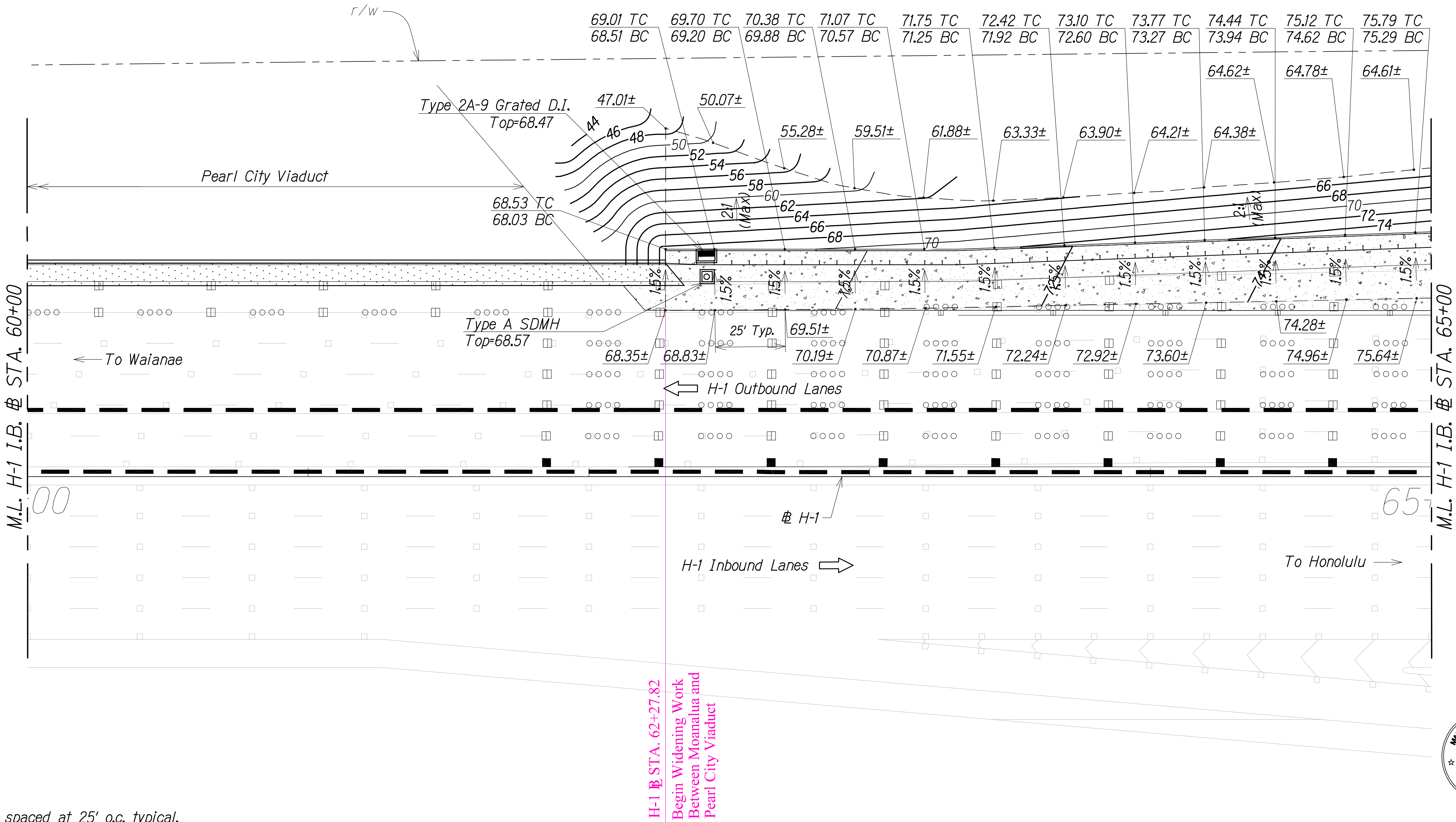
APRIL 30, 2016  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

| QC/QA REVIEW | 100% | DATE | DATE |
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| BY           |      |      |      |
| BY           |      |      |      |
| BY           |      |      |      |

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

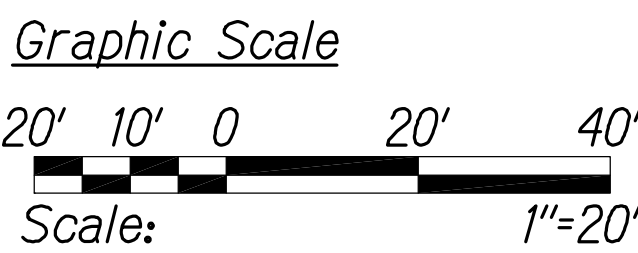


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-HI-1 (260)      | 2014        | 70        | 200          |



- Notes:**
- Spot elevations spaced at 25' o.c. typical.
  - Cross slope of a.c. pavement widening shall match exist. travelway cross slope.

**Legend:**  
TC = Top of Curb  
BC = Bottom of Curb



**GRADING PLAN**  
**± STA. 60+00 TO ± STA. 65+00**  
Scale: 1" = 20'

**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

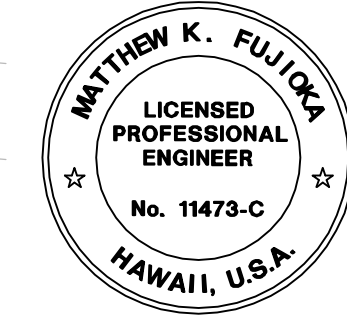
GRADING PLAN

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-HI-1 (260)
Scale: 1" = 20' Date: December, 2014

SHEET No. GR-06 OF 11 SHEETS

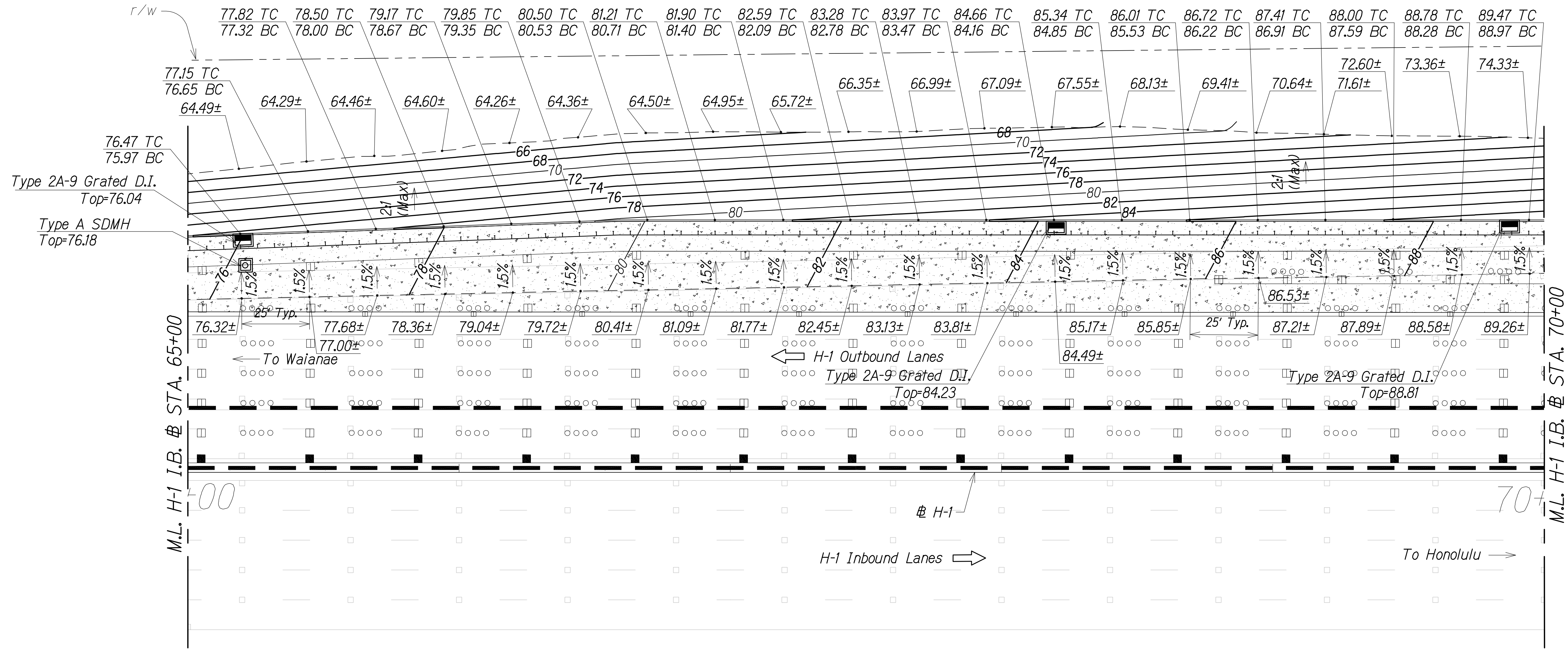
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|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | JUL 12, 2015 |
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| BY | | | |

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



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WILSON OKAMOTO CORPORATION LIC. EXP. DATE

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII | HAW. | NH-HI-1 (260) | 2014 | 71 | 200 |



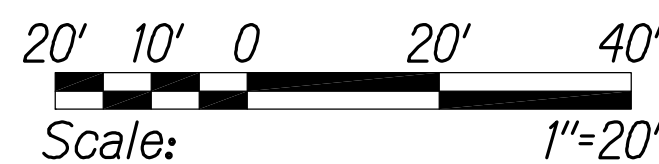
Notes:

- Spot elevations spaced at 25' o.c. typical.
- Cross slope of a.c. pavement widening shall match exist. travelway cross slope.

Legend:

TC = Top of Curb
BC = Bottom of Curb

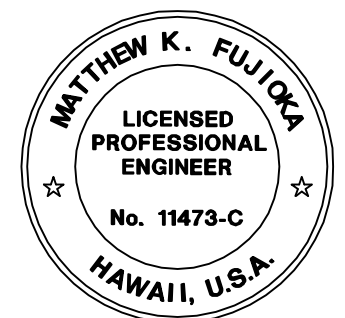
Graphic Scale



GRADING PLAN
± STA. 65+00 TO ± STA. 70+00
Scale: 1" = 20'

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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APRIL 30, 2016  
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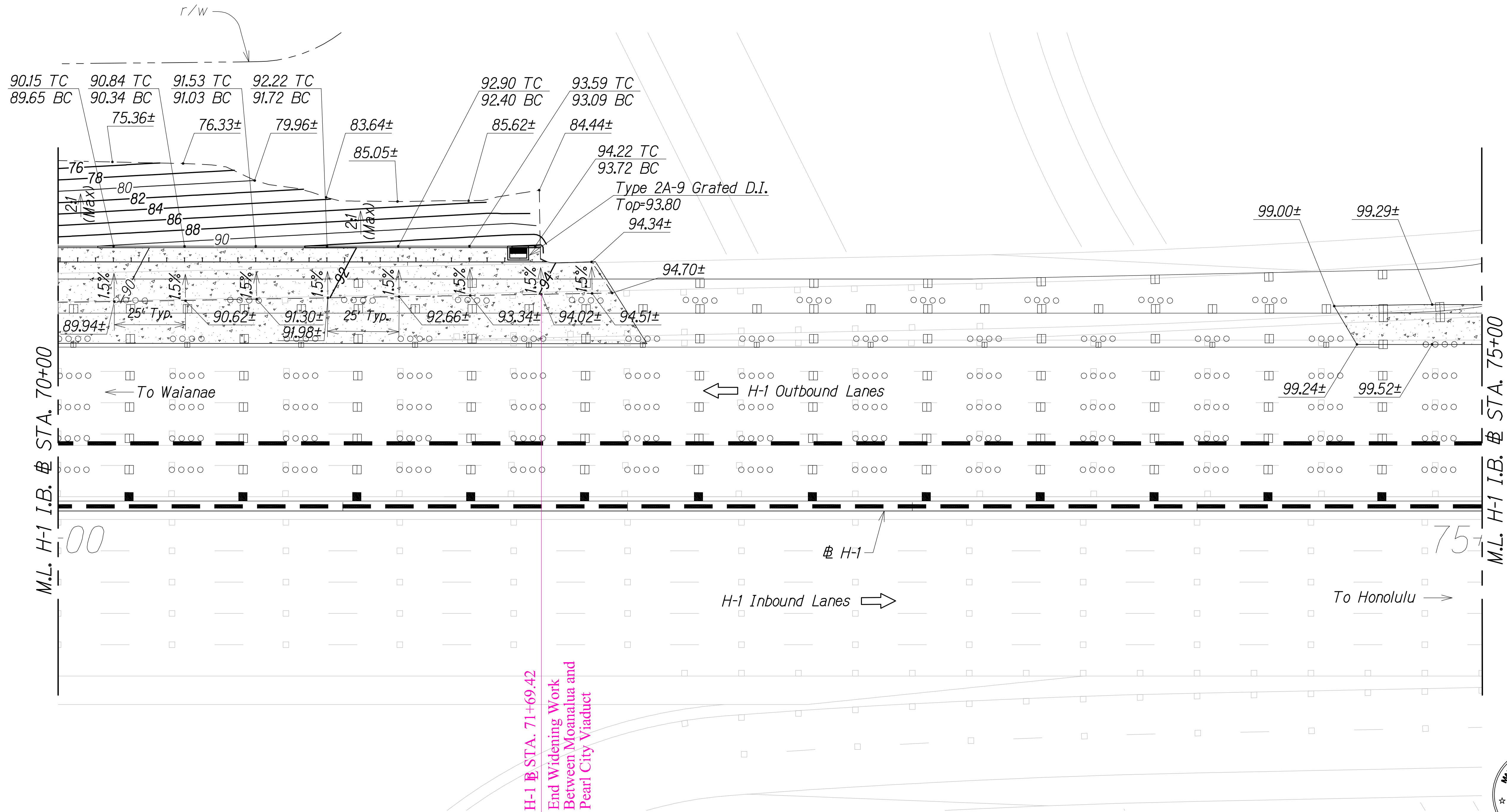
STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GRADING PLAN**

INTERSTATE ROUTE H-1  
PM CONTRAFLOW LANE, PHASE 3  
FEDERAL AID PROJECT NO. NH-HI-1 (260)  
Scale: 1" = 20' Date: December, 2014

SHEET No. GR-07 OF 11 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-HI-1 (260)      | 2014        | 72        | 200          |



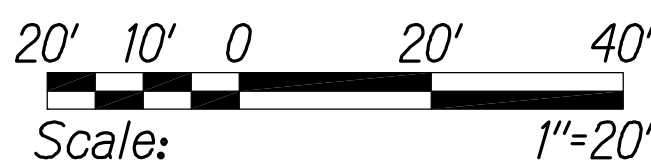
**Notes:**

- Spot elevations spaced at 25' o.c. typical.
- Cross slope of a.c. pavement widening shall match exist. travelway cross slope.

**Legend:**

TC = Top of Curb  
BC = Bottom of Curb

**Graphic Scale**



**GRADING PLAN**  
**# STA. 70+00 TO # STA. 75+00**  
Scale: 1" = 20'

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

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APRIL 30, 2016  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

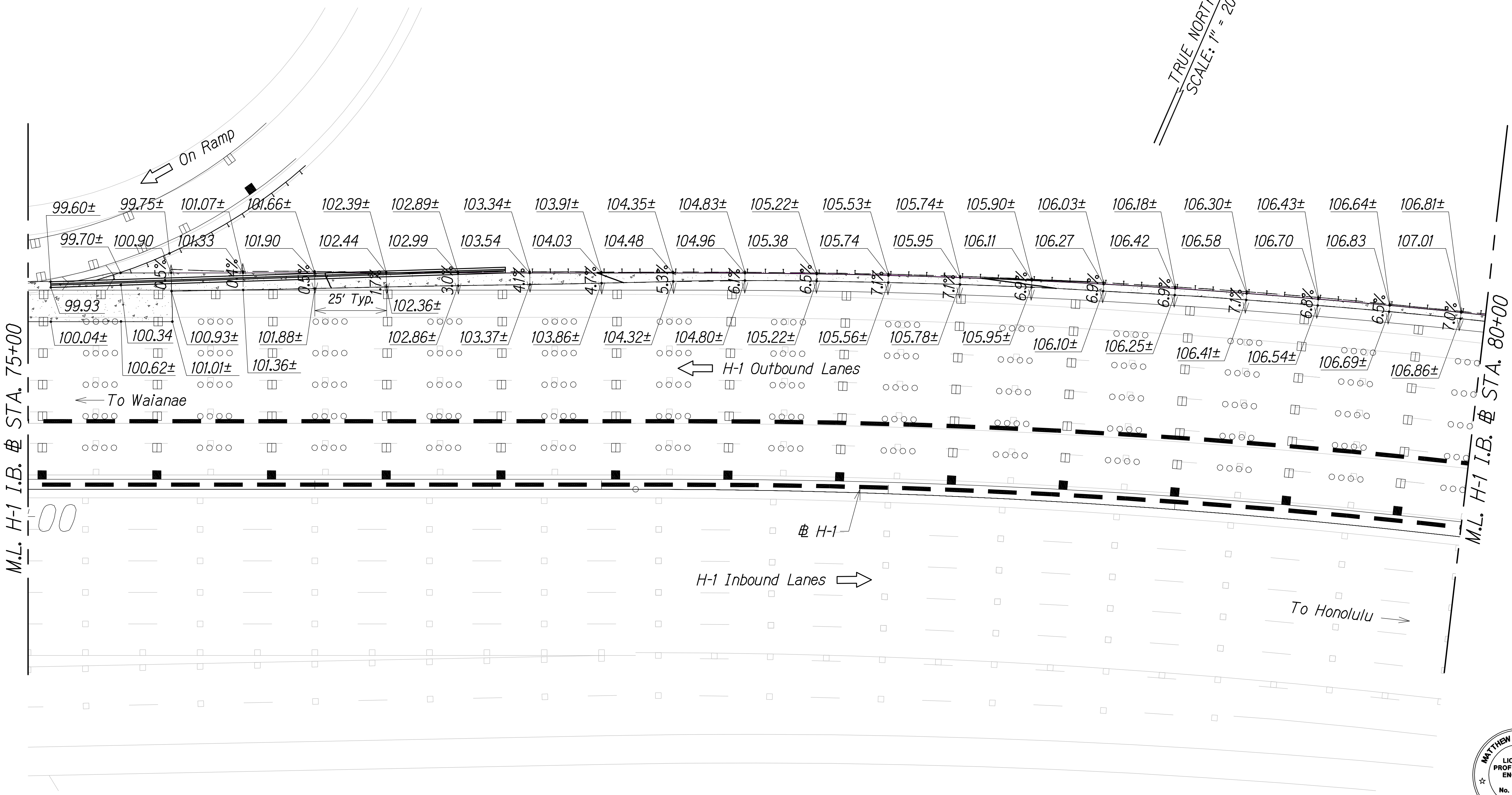
**GRADING PLAN**

INTERSTATE ROUTE H-1  
PM CONTRAFLOW LANE, PHASE 3  
FEDERAL AID PROJECT NO. NH-HI-1 (260)  
Scale: 1" = 20' Date: December, 2014

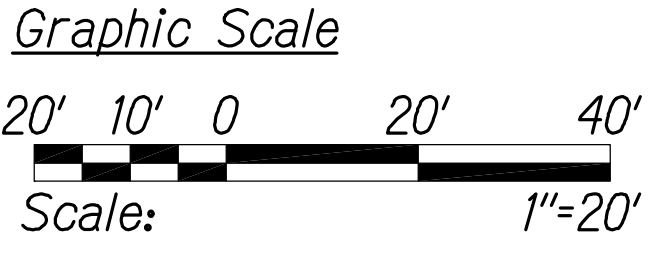
SHEET No. GR-08 OF 11 SHEETS

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-HI-1 (260)      | 2014        | 73        | 200          |

TRUE NORTH  
SCALE: 1" = 20'



- Notes:
- Spot elevations spaced at 25' o.c. typical.
  - Cross slope of pavement widening shall match exist. travelway cross slope.



GRADING PLAN  
# STA. 75+00 TO # STA. 80+00  
Scale: 1" = 20'

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

GRADING PLAN

INTERSTATE ROUTE H-1  
PM CONTRAFLOW LANE, PHASE 3  
FEDERAL AID PROJECT NO. NH-HI-1 (260)  
Scale: 1" = 20' Date: December, 2014

SHEET No. GR-09 OF 11 SHEETS



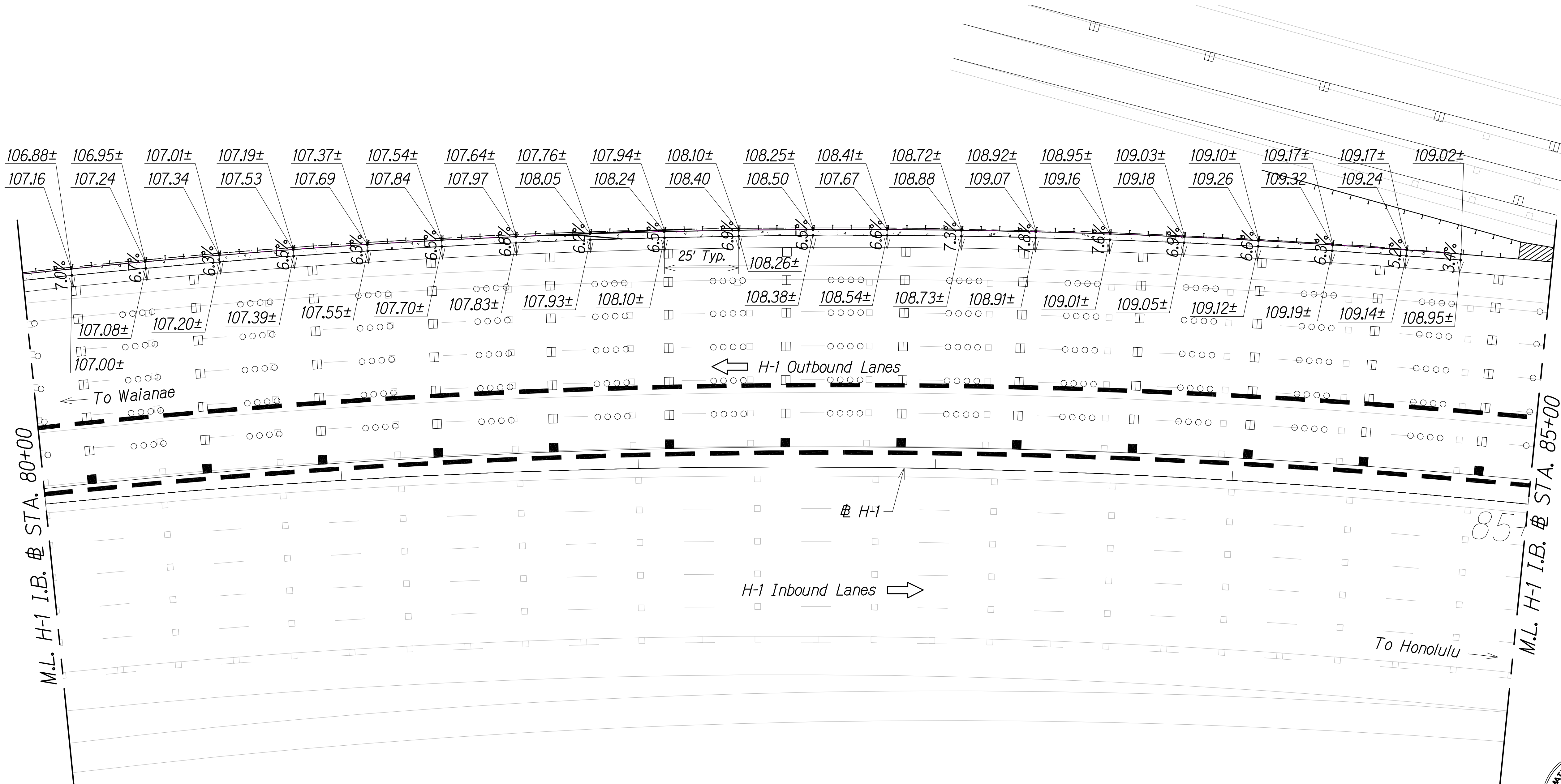
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Matthew K. Fujimura  
APRIL 30, 2016  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

|              |      |      |              |
|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | JUL 12, 2015 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

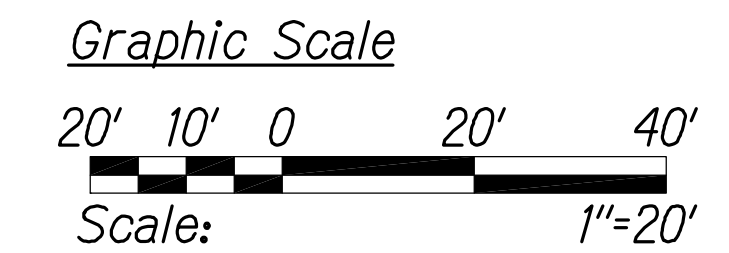
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| ORIGINAL PLAN     | DATE |
| SURVEY PLOTTED BY |      |
| DRAWN BY          |      |
| TRACED BY         |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| No.               |      |

| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | NH-H1-1 (260)      | 2014        | 74        | 200          |

TRUE NORTH  
SCALE: 1" = 20'



- Notes:
- Spot elevations spaced at 25' o.c. typical.
  - Cross slope of a.c. pavement widening shall match exist. travelway cross slope.



GRADING PLAN  
# STA. 80+00 TO # STA. 85+00  
Scale: 1" = 20'

LEGEND FOR  
AS-BUILT POSTINGS

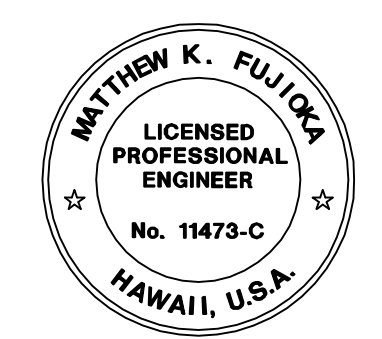
~~~~~ Squiggly line for as-built deletion  
=+00.00= Double line for as-built deletion
Roadway Text for as-built posting

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

GRADING PLAN

INTERSTATE ROUTE H-1
PM CONTRAFLOW LANE, PHASE 3
FEDERAL AID PROJECT NO. NH-H1-1 (260)
Scale: 1" = 20' Date: December, 2014

SHEET No. GR-10 OF 11 SHEETS



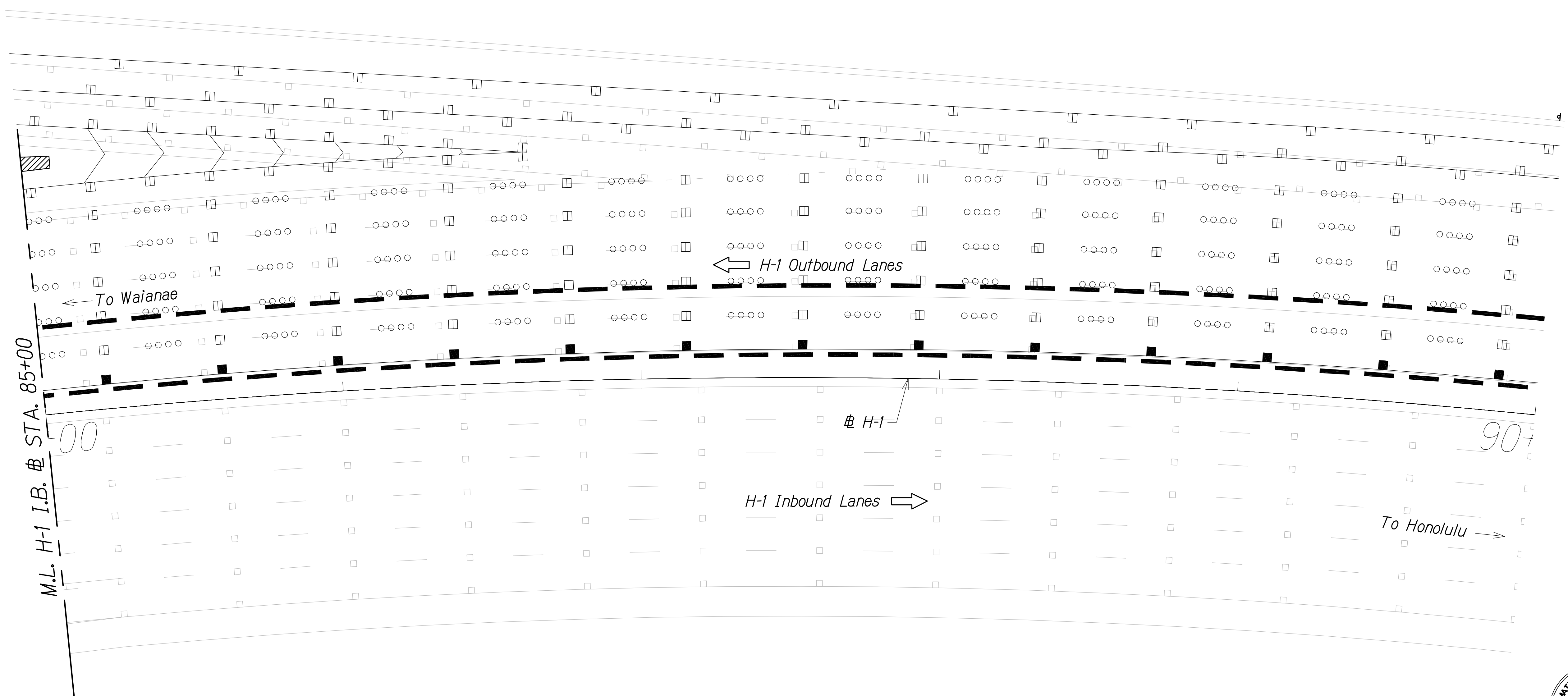
THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.
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APRIL 30, 2016
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

| | | | |
|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | JUL 12, 2015 |
| BY | | | |
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| BY | | | |

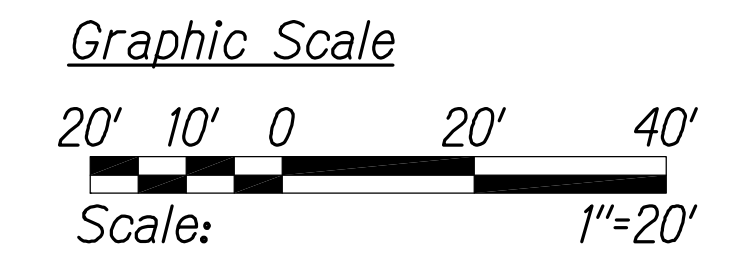
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|-------------------|------|
| ORIGINAL PLAN | DATE |
| SURVEY PLOTTED BY | |
| DRAWN BY | |
| TRACED BY | |
| DESIGNED BY | |
| QUANTITIES BY | |
| CHECKED BY | |
| No. | |

| | | | | | |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| HAWAII | HAW. | NH-H1-1 (260) | 2014 | 75 | 200 |

TRUE NORTH
SCALE: 1" = 20'



- Notes:
- Spot elevations spaced at 25' o.c. typical.
 - Cross slope of a.c. pavement widening shall match exist. travelway cross slope.



GRADING PLAN
STA. 85+00 TO # STA. 90+00
Scale: 1" = 20'

LEGEND FOR AS-BUILT POSTINGS

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

==+00:00== Double line for as-built deletion

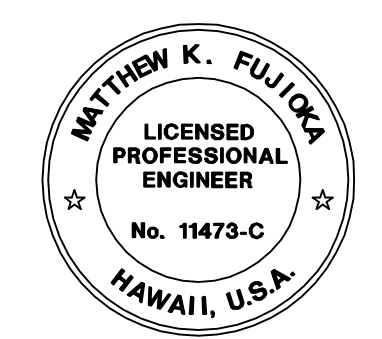
Roadway Text for as-built posting

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**GRADING PLAN**

INTERSTATE ROUTE H-1  
PM CONTRAFLOW LANE, PHASE 3  
FEDERAL AID PROJECT NO. NH-H1-1 (260)  
Scale: 1" = 20' Date: December, 2014

SHEET No. GR-11 OF 11 SHEETS



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APRIL 30, 2016  
WILSON OKAMOTO CORPORATION LIC. EXP. DATE

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|--------------|------|------|--------------|
| QC/QA REVIEW | 100% | DATE | JUL 12, 2015 |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |
| BY           |      |      |              |

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