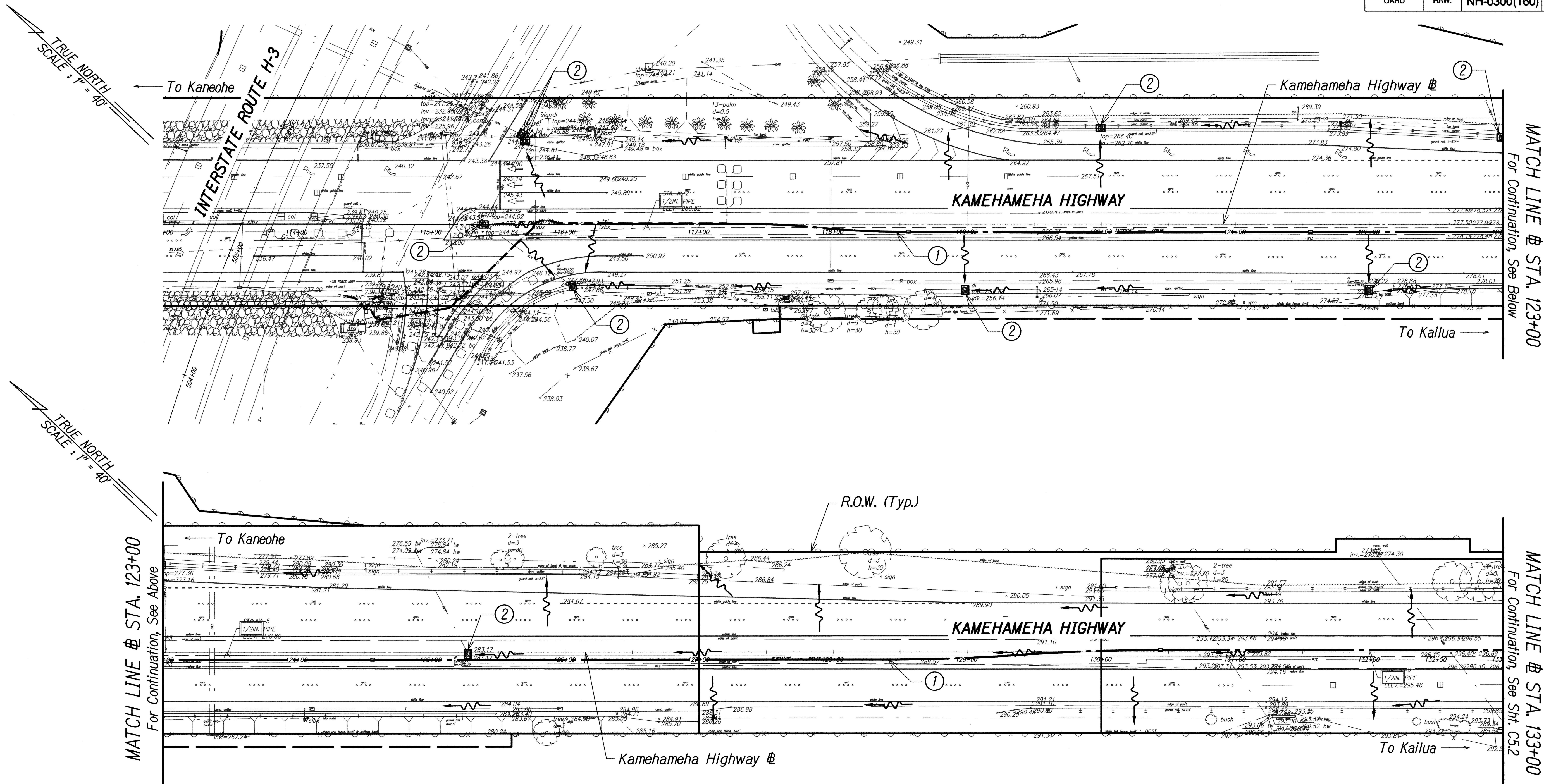


DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	NH-0300(160)	2018	20	186

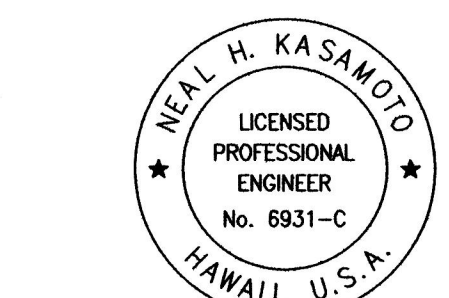


- Notes:**
- ① See Electrical Plans for electrical and communication service connections.
 - ② Exist. storm drain inlet or catch basin. Contractor to observe Best Management Practices and take measures required. Protect exist. storm drain inlets and catch basins located downstream of the project site with Best Management Practices. See details on Sheet C7.9
 - ③ Exist. grassed area or landscaping, Contractor to observe Best Management Practices. See detail on Sheet C7.9
 - ④ Avoid exist. irrigation systems.

LEGEND:

- Temporary Sediment Control Filter
- Flow Direction

KAMEHAMEHA CONDUIT - 1
Scale : 1" = 40'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN H.A.R. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII

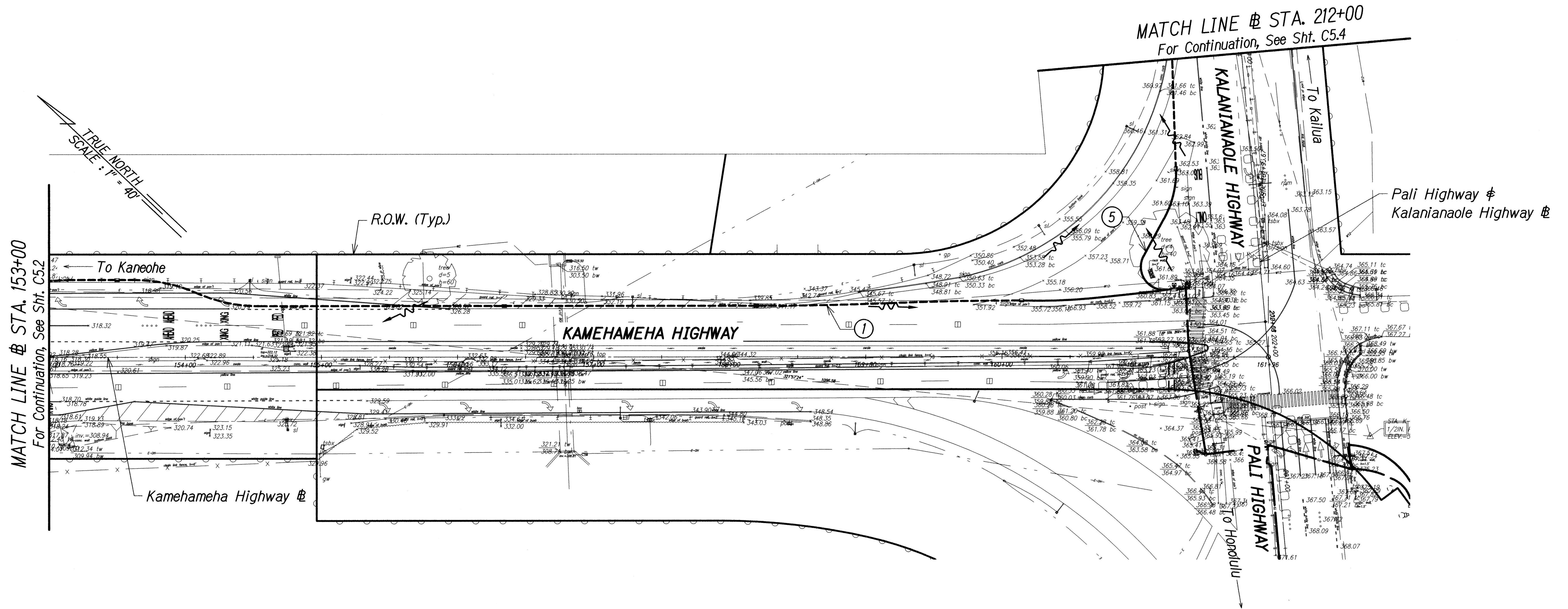
Neal H. Kasamoto
APR 30, 2020
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KAMEHAMEHA HIGHWAY
BMP PLAN 1
Freeway Management System
Phase 2
Federal Aid Project No. NH-0300(160)
Scale: As Shown Date: June 29, 2018
SHEET No. C5.1 OF 25 SHEETS

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

PN\1\2018\16-049\ENGINEERING\DWG\C5.1 KAMEHAMEHA CONDUIT 1.DWG Jun 25, 2018-2:04 PM

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	NH-0300(160)	2018	22	186



KAMEHAMEHA CONDUIT - 3

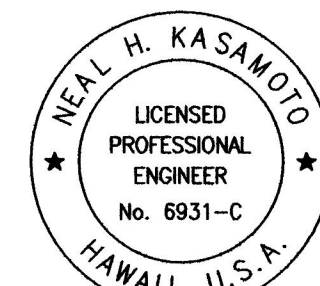
Scale : 1" = 40'

Notes:

- See Electrical Plans for electrical and communication service connections.
- Exist. storm drain inlet or catch basin. Contractor to observe Best Management Practices and take measures required. Protect exist. storm drain inlets and catch basins located downstream of the project site with Best Management Practices. See details on Sheet C7.9
- Exist. grassed area or landscaping, Contractor to observe Best Management Practices. See detail on Sheet C7.9
- Avoid exist. irrigation systems.
- Avoid tree roots as required or consult with arborist, costs shall be incidental to the various contract items. Notify HDOT at least forty-eight (48) hours in advance to contact State landscape architect.

LEGEND:

- Temporary Sediment Barrier
- Flow Direction



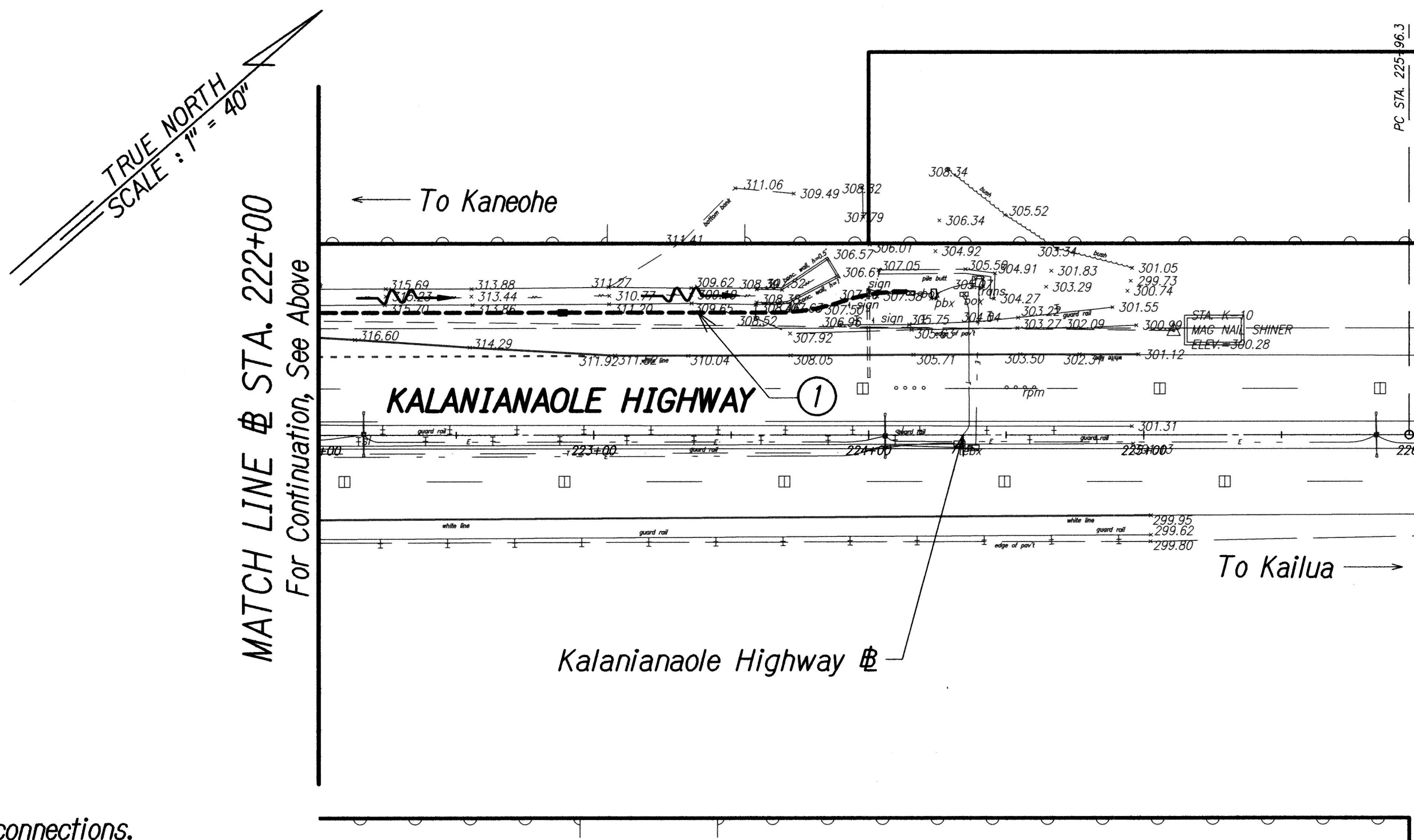
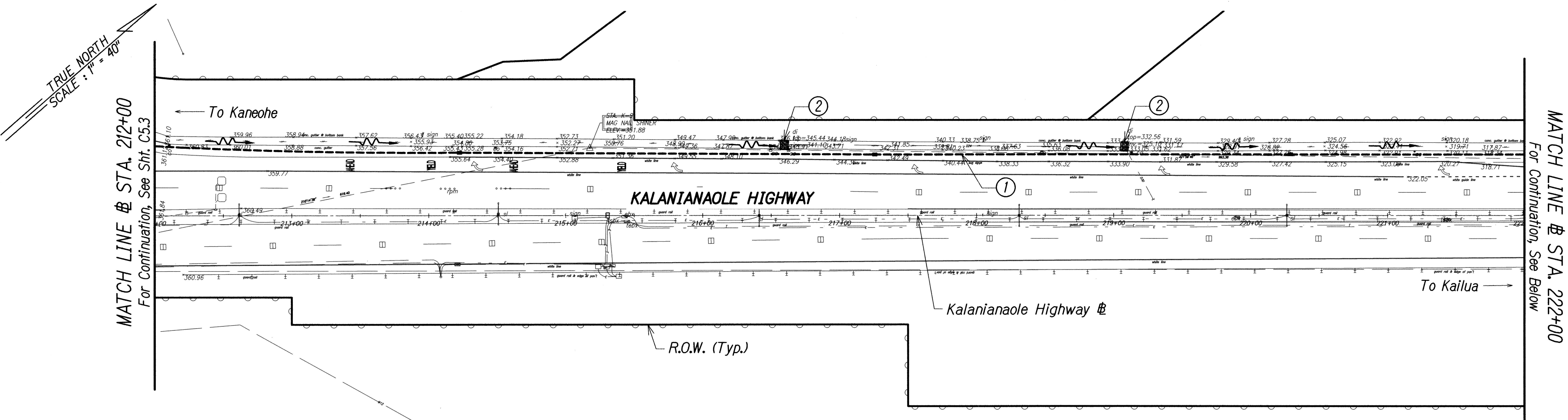
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN H.A.R. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII

Signature of Neal H. Kasamoto

APRIL 30, 2020
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
KAMEHAMEHA HIGHWAY
BMP PLAN 3
Freeway Management System
Phase 2
Federal Aid Project No. NH-0300(160)
Scale: As Shown Date: June 29, 2018
SHEET No. C5.3 OF 25 SHEETS

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	NH-0300(160)	2018	23	186



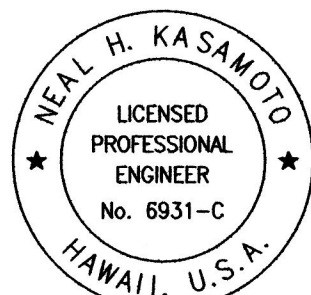
**KAMEHAMEHA CONDUIT - 4
(ADDITIVE ALTERNATE #2)**

Scale : 1" = 40'

LEGEND:

-  Temporary Sediment Barrier
-  Flow Direction

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(if not 2 inches scale accordingly)



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Neal H. Kasamoto
APRIL 30, 2020
L.C. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**KAMEHAMEHA HIGHWAY
BMP PLAN 4**
Freeway Management System
Phase 2
Federal Aid Project No. NH-0300(160)
Scale: As Shown Date: June 29, 2018
SHEET No. C5.4 OF 25 SHEETS

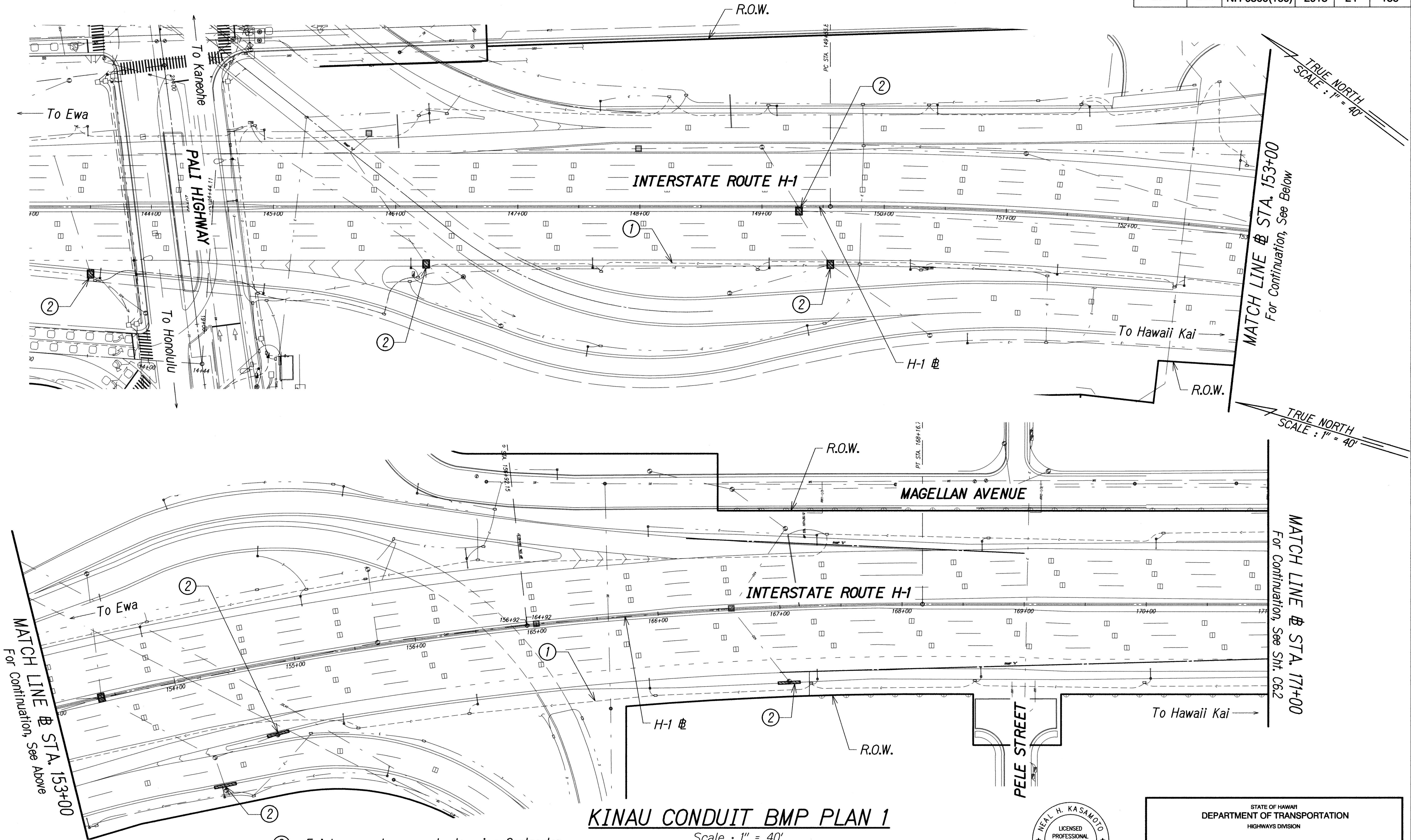
Notes:

- ① See Electrical Plans for electrical and communication service connections.
- ② Exist. storm drain inlet or catch basin. Contractor to observe Best Management Practices and take measures required. Protect exist. storm drain inlets and catch basins located downstream of the project site with Best Management Practices. See details on Sheet C7.9
- ③ Exist. grassed area or landscaping, Contractor to observe Best Management Practices. See detail on Sheet C7.9
- ④ Avoid exist. irrigation systems.

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

PN:\1\2018\16-049\ENGINEERING\DWG\C5.4 KAMEHAMEHA CONDUIT 4.DWG Jun 25, 2018-2:05 PM

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	NH-0300(160)	2018	24	186



- Notes:**
- ① See Electrical Plans for electrical and communication service connections.
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 - ③ Exist. grassed area or landscaping, Contractor to observe Best Management Practices. See detail on Sheet C7.9
 - ④ Avoid exist. irrigation systems.

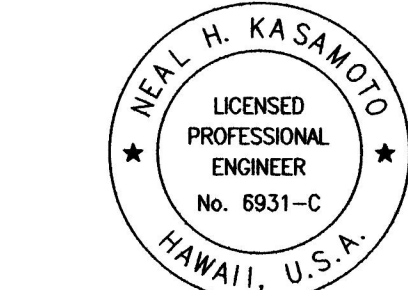
KINAU CONDUIT BMP PLAN 1

Scale : 1" = 40'

LEGEND:

- Temporary Sediment Control Filter
- Flow Direction

0 1 2
LINE IS 2 INCHES AT FULL SIZE
(if not 2 inches scale accordingly)



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION AS DEFINED IN H.A.R. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII

Neal H. Kasamoto
APRIL 30, 2020
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KINAU CONDUIT BMP PLAN 1

Freeway Management System
Phase 2
Federal Aid Project No. NH-0300(160)

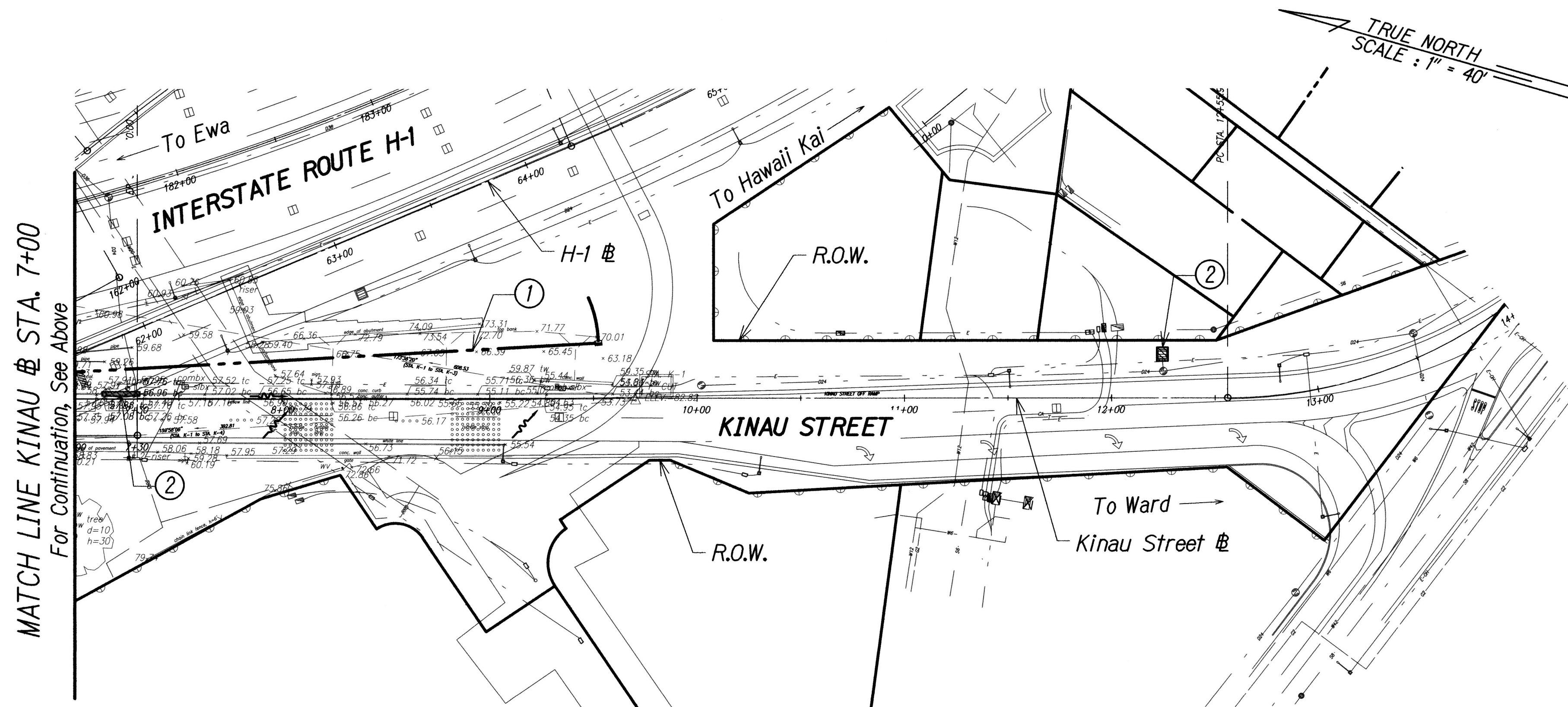
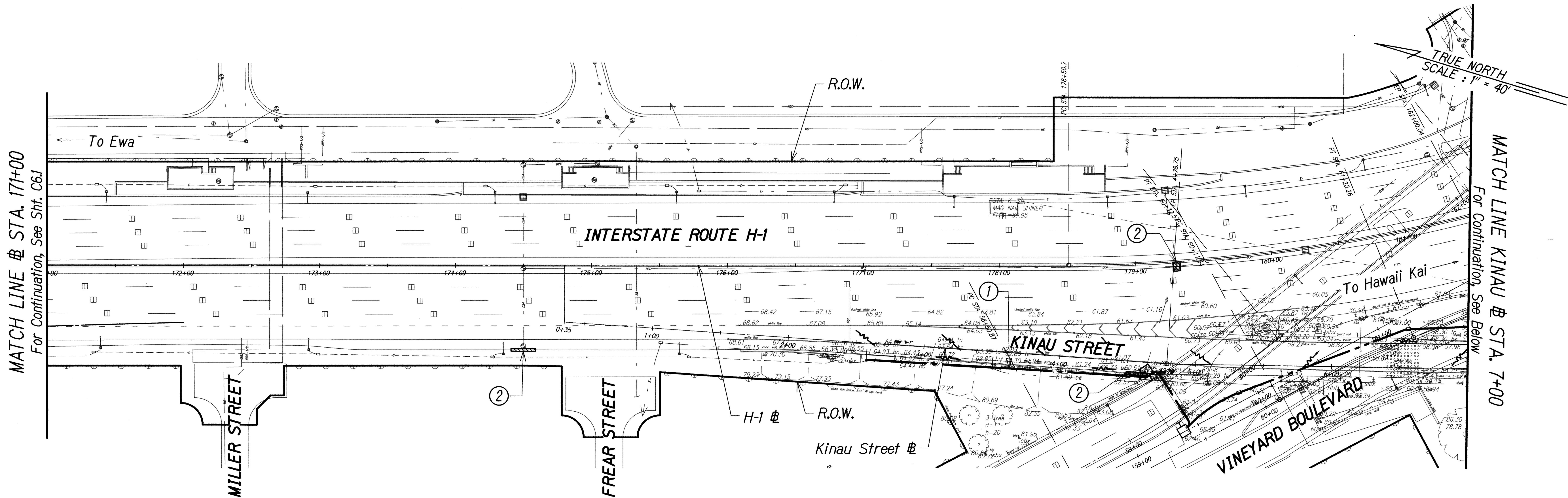
Scale: As Shown Date: June 29, 2018

SHEET No. C6.1 OF 25 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRAWN BY	
CHECKED BY	NOTED BY	

PK:\1\2018\16-049\ENGINEERING\DWG\C6.1 KINAU CONDUIT 1.DWG Jun 25, 2018-2:05 PM

DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
OAHU	HAW.	NH-0300(160)	2018	25	186



- Notes:
- ① See Electrical Plans for electrical and communication service connections.
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 - ③ Exist. grassed area or landscaping, Contractor to observe Best Management Practices. See detail on Sheet C7.9
 - ④ Avoid exist. irrigation systems.

LEGEND:

Temporary Sediment Control Filter

Flow Direction

KINAU CONDUIT BMP PLAN 2

Scale : 1" = 40'

NEAL H. KASAMOTO
LICENSED PROFESSIONAL ENGINEER
No. 6931-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 AS DEFINED IN HAW. TITLE 16, CHAPTER 115, RULES OF THE BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS AND SURVEYORS, STATE OF HAWAII.

Neel Kasamoto
APRIL 30, 2020
LIC. EXP. DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

KINAU CONDUIT BMP PLAN 2

Freeway Management System
Phase 2
Federal Aid Project No. NH-0300(160)

Scale: As Shown Date: June 29, 2018

SHEET No. C6.2 OF 25 SHEETS

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

PNY\2016\16-048\ENGINEERING\DWG\C6.2 KINAU CONDUIT 2.DWG Jun 25, 2018-2:06 PM