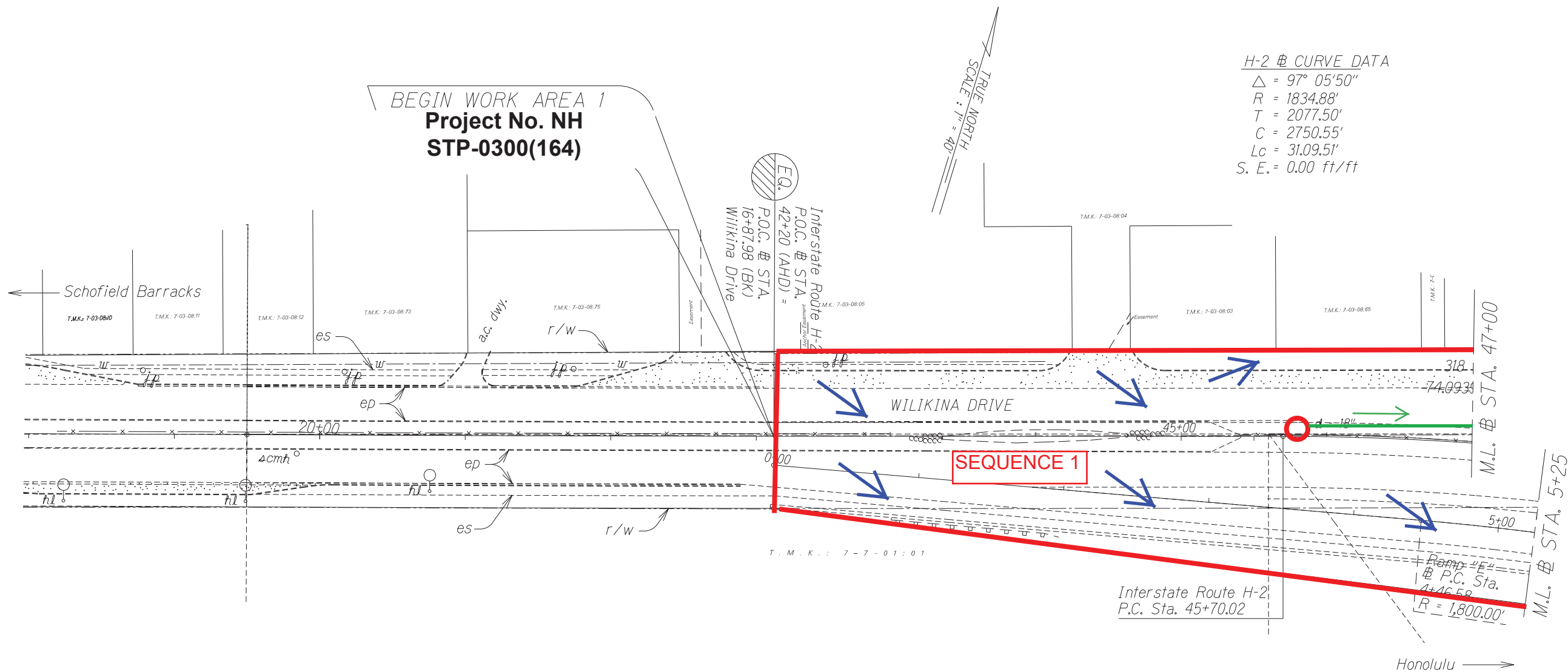


SWPPP Attachment A-1
BMP Maps

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



LEGEND

Protect Inlet (Red Circle)

Perimeter Sediment Control (Blue Line)

1 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 42+20 TO H2 STA. 56+00

1) Install Inlet Protection

2) Construct Roadway

3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

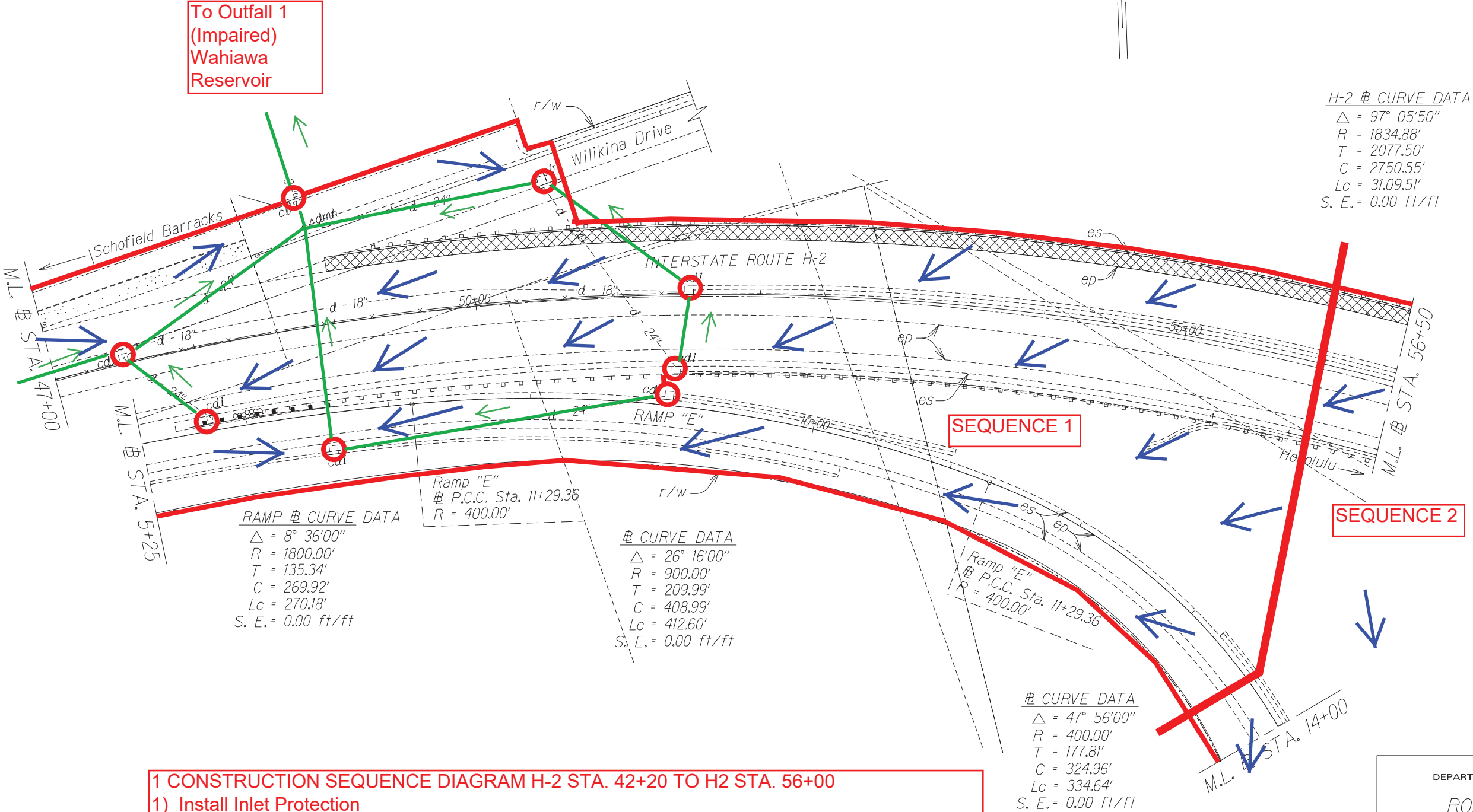
Project No. NH
STP-0300(164)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



- 1 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 42+20 TO H2 STA. 56+00
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

RAMP C @ CURVE DATA

$\Delta = 23^\circ 20'00''$
 $R = 985.00'$
 $T = 203.39'$
 $C = 398.37'$
 $Lc = 401.14'$
 $S. E. = 0.00 \text{ ft/ft}$

H-2 @ Sta. 61+00± to H-2 @ Sta. 67+80±, Lt.
Remove and Dispose of 2.50 to 3.50 inches of Asphalt Pavement of the 10.00 foot Shoulder.
Replace with 2.50 to 3.50 inches HMA Pavement Mix No. IV.

H-2 @ Sta. 60+75± to H-2 @ Sta. 67+50±, Lt.
Remove and Dispose of 5630 L.F. of Existing Guardrail and Posts. Install 700 L.F. of New W-Beam Guardrail and Strong Post with TAU II Impact Attenuator. See Plan Sheet No. --- for End Post and Thrie Beam Detail for Site "N".

To Outfall 3 (Impaired) Wahiawa Reservoir

To Outfall 2 (Impaired) Wahiawa Reservoir

H-2 @ Sta. 57+27±, Rt.
Remove and Dispose of Remaining Emergency Call Box Components and Concrete Pad and Ramp. Grade Landscaping to Match Surrounding. Reestablish Storm Water Gutter. For Details, See Sheet No. ---

H-2 @ Sta. 57+02± to H-2 @ Sta. 57+89.5±, Rt.
Remove and Dispose of 75 L.F. of Existing Guardrail and Posts. Install 87.50 L.F. of W-Beam Guardrail and Strong Post. Connect to Loop "I" Guardrail with W-Beam End Section Buffer.

Loop "I" @ Sta. 7+28± to Loop "I" @ Sta. 7+90.50±, Lt.
Remove and Dispose of 50 L.F. of Existing Guardrail and Posts. Install 62.5 L.F. of W-Beam and Strong Posts and Connect to W-Beam End Section Buffer on H-2 Side.

CONTRACTOR STAGING/STORAGE AREA

SEQUENCE 2

SEQUENCE 3

H-2 @ Sta. 64+44± to H-2 @ Sta. 72+34±, Rt.
Remove and Dispose of 2.50 to 3.50 inches of Asphalt Pavement of the 10.00 foot Shoulder. Replace with 2.50 to 3.50 inches HMA Pavement Mix No. IV.

H-2 @ CURVE DATA

$\Delta = 97^\circ 05'50''$
 $R = 1834.88'$
 $T = 2077.50'$
 $C = 2750.55'$
 $Lc = 3109.51'$
 $S. E. = 0.00 \text{ ft/ft}$

LEGEND

Protect Inlet 

Perimeter Sediment Control 

2 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 56+00 TO H2 STA. 66+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

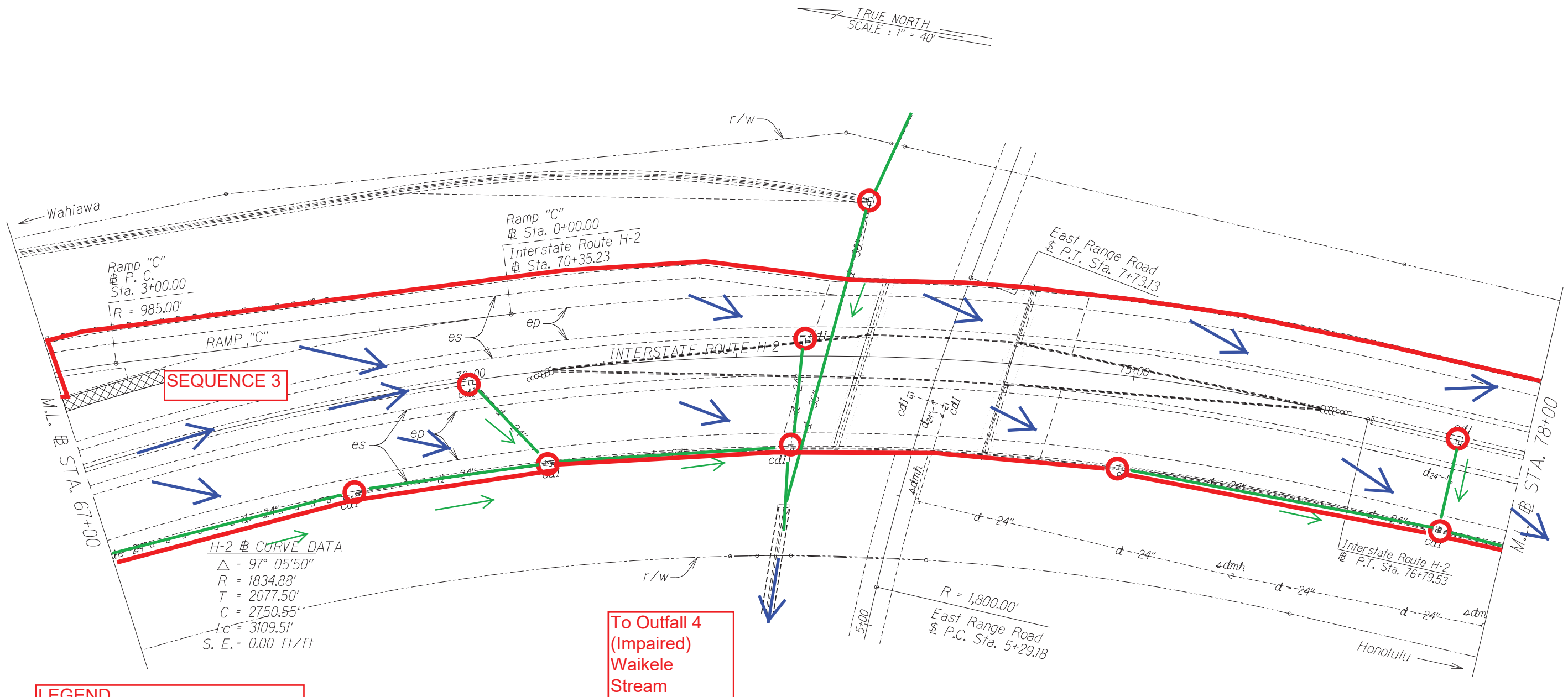
ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
INTEGRATED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



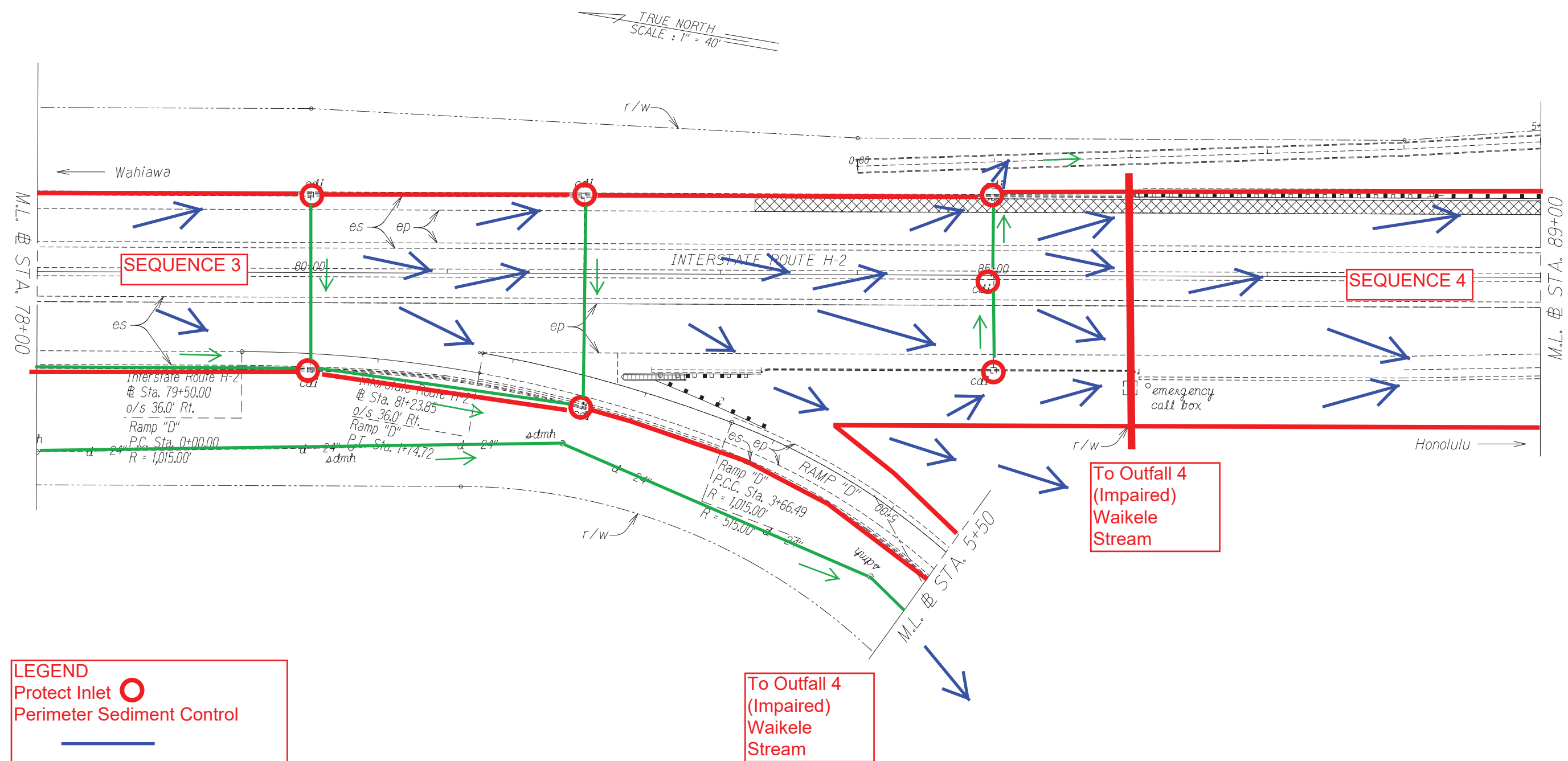
3 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 66+00 TO H2 STA. 86+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
**Project No. NH
STP-0300(164)**

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INTEGRATED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

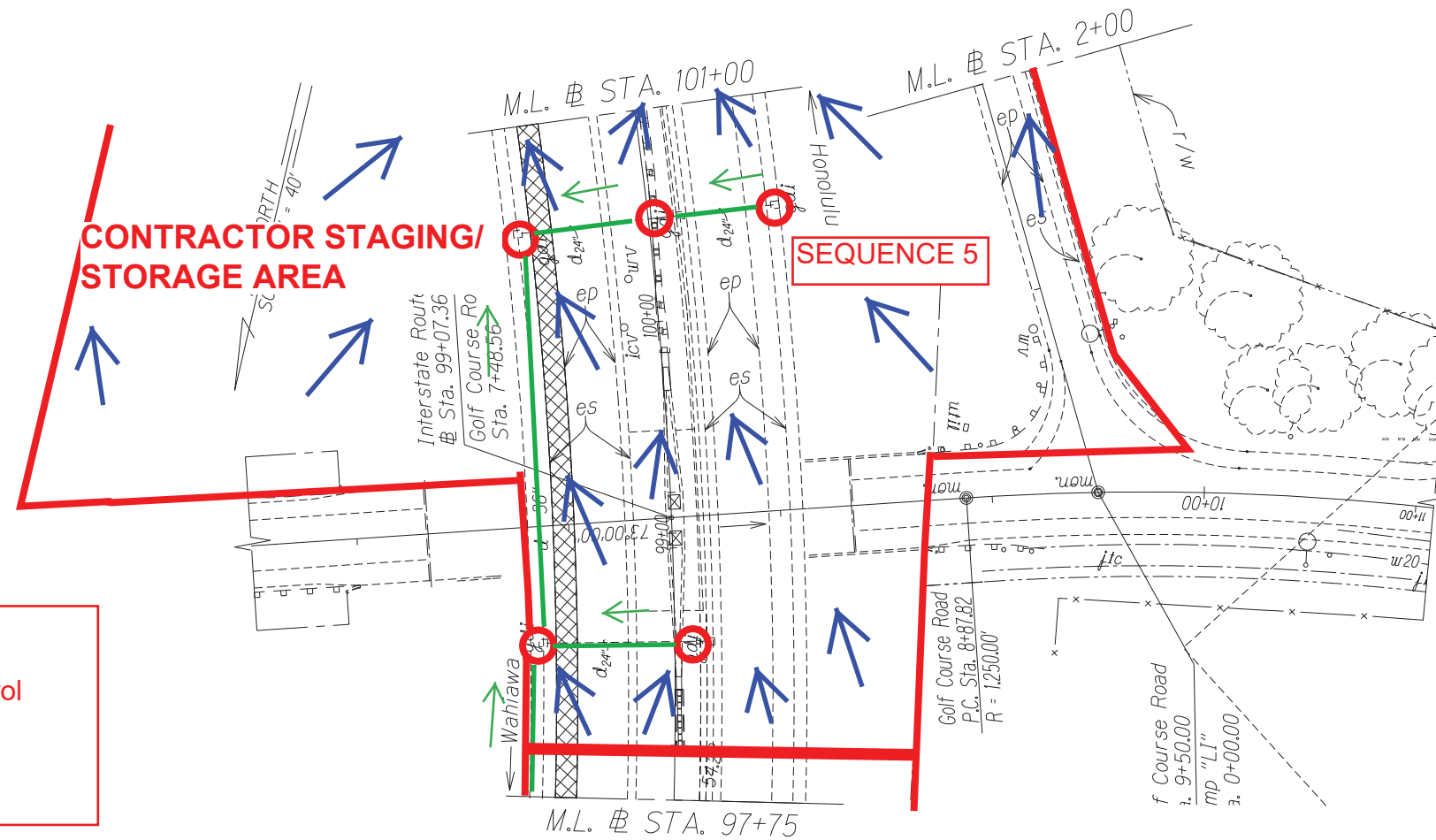
*INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY*

**Project No. NH
STP-0300(164)**

SHEET No. 5 OF 33 SHEETS

4 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 86+00 TO H2 STA. 98+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas



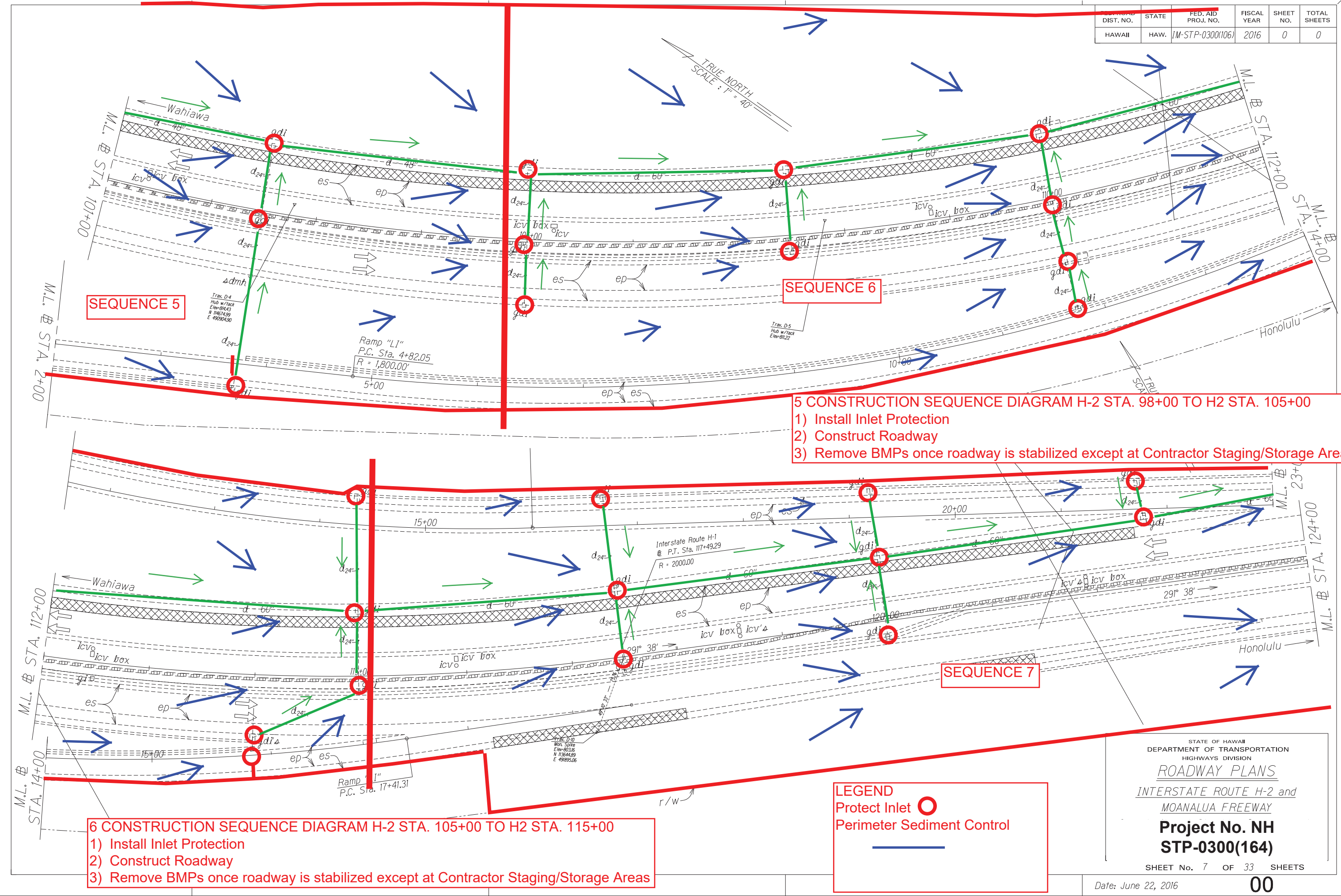
LEGEND

Protect Inlet 

Perimeter Sediment Control 

Date: June 22, 2016 00

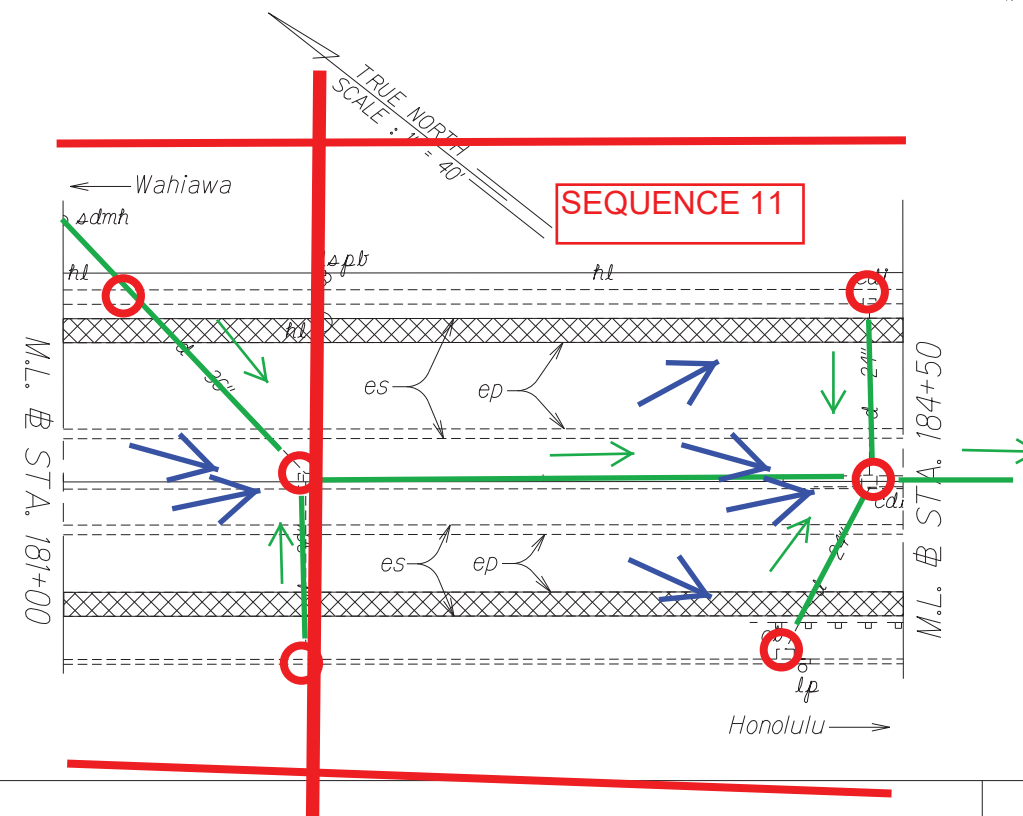
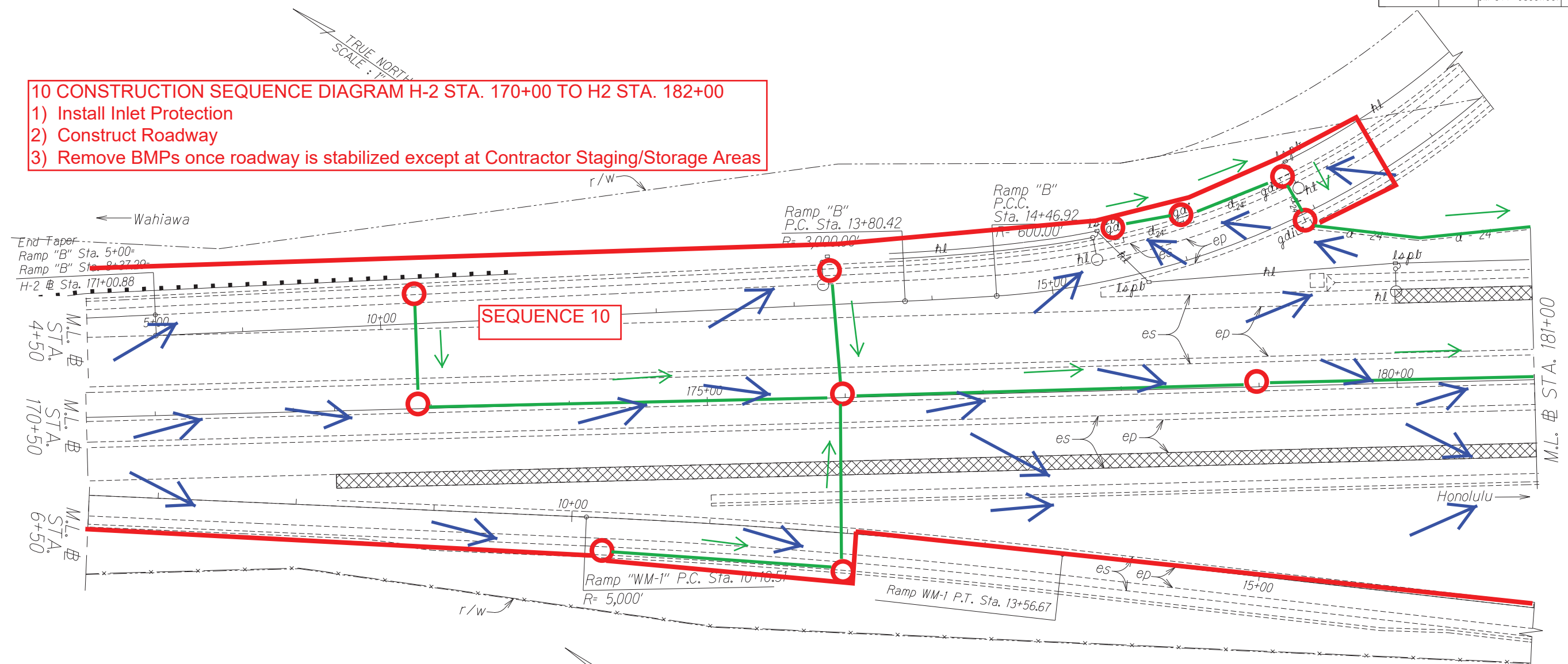
DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

10 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 170+00 TO H2 STA. 182+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas



LEGEND
Protect Inlet 
Perimeter Sediment Control 

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Project No. NH
STP-0300(164)

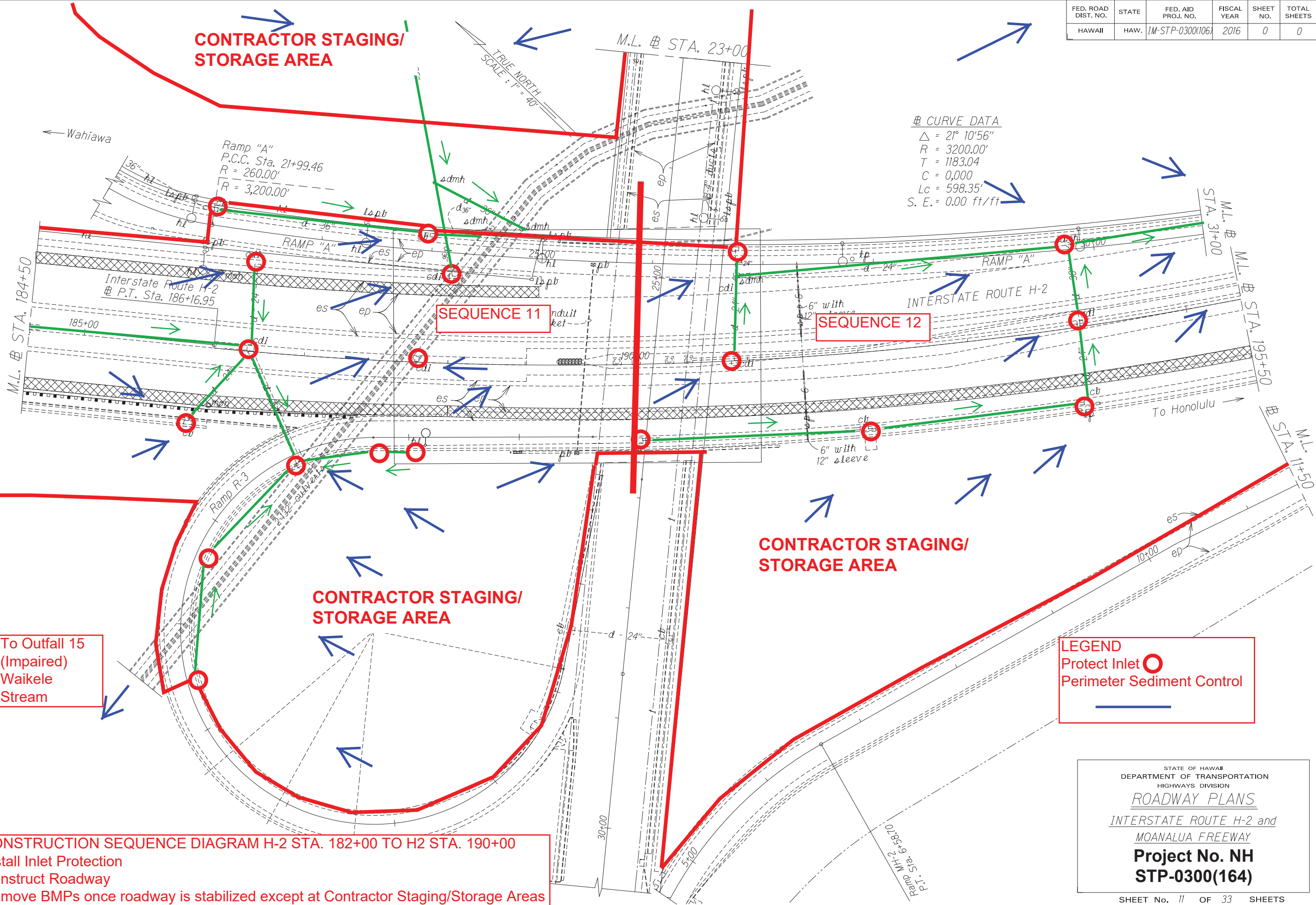
SHEET No. 10 OF 33 SHEETS

Date: June 22, 2016

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ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
St. _____	CHECKED BY _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2016	0	0



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2016	0	0

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

11 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 182+00 TO H2 STA. 190+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

SEQUENCE 11

CONTRACTOR STAGING/
STORAGE AREA

LEGEND

Protect Inlet ○

Perimeter Sediment Control —

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

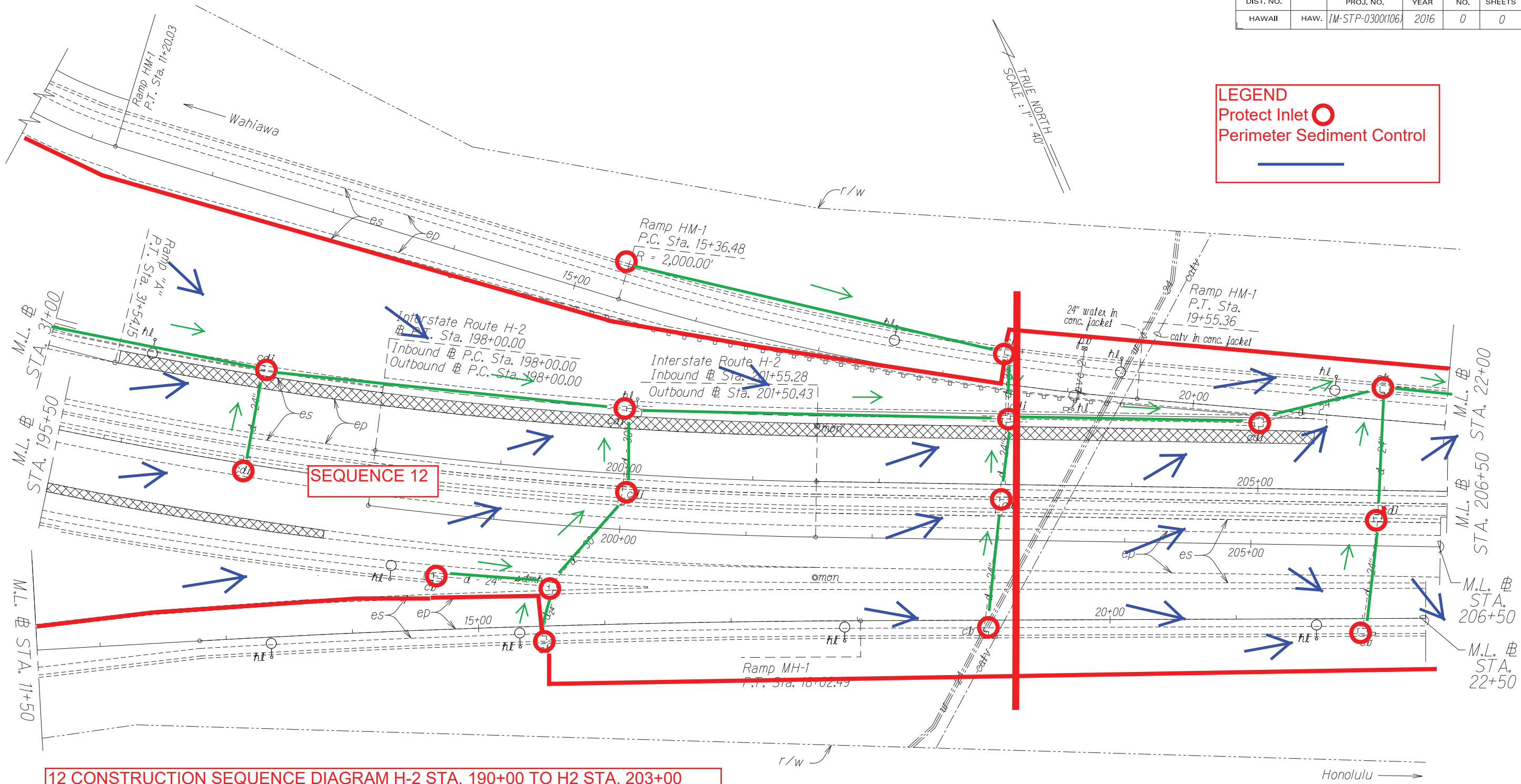
SHEET No. 12 OF 33 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



- 12 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 190+00 TO H2 STA. 203+00
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	
	N.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

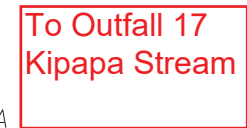
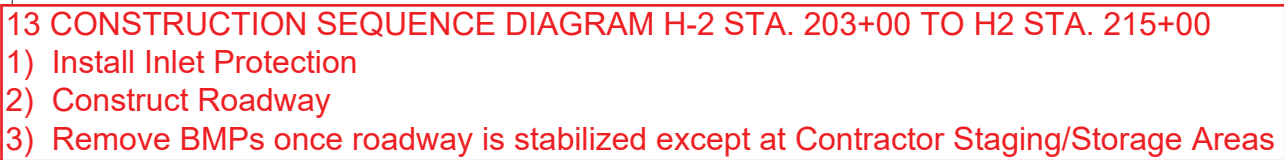
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

LEGEND

Protect Inlet 

Perimeter Sediment Control 



- 14 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 215+00 TO H2 STA. 230+00
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

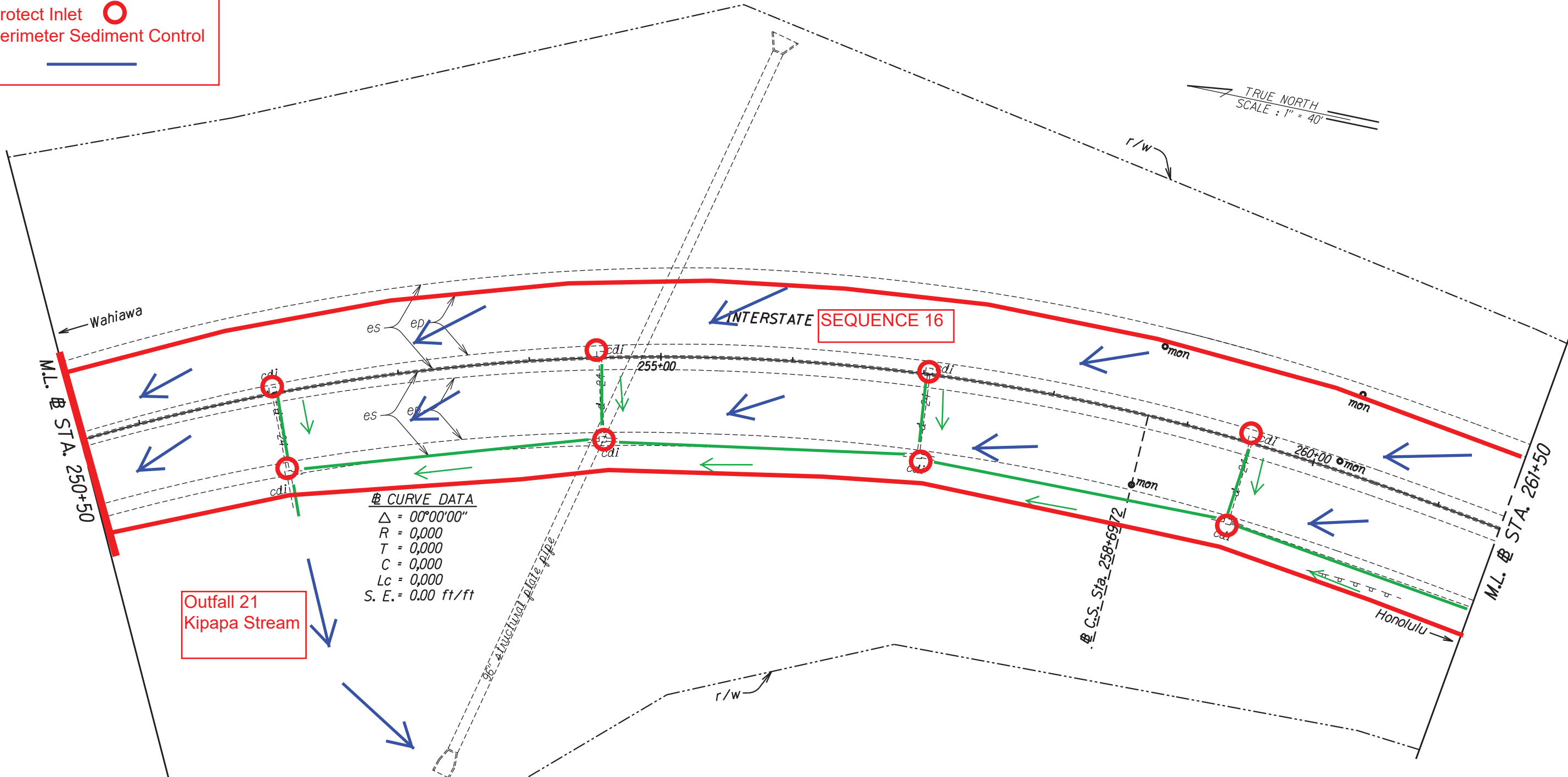
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Project No. NH
STP-0300(164)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



CURVE DATA
Δ = 00°00'00"
R = 0,000
T = 0,000
C = 0,000
Lc = 0,000
S. E. = 0.00 ft/ft

- 16 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 250+50 TO H2 STA. 265+00
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SHEET No. 16 OF 33 SHEETS

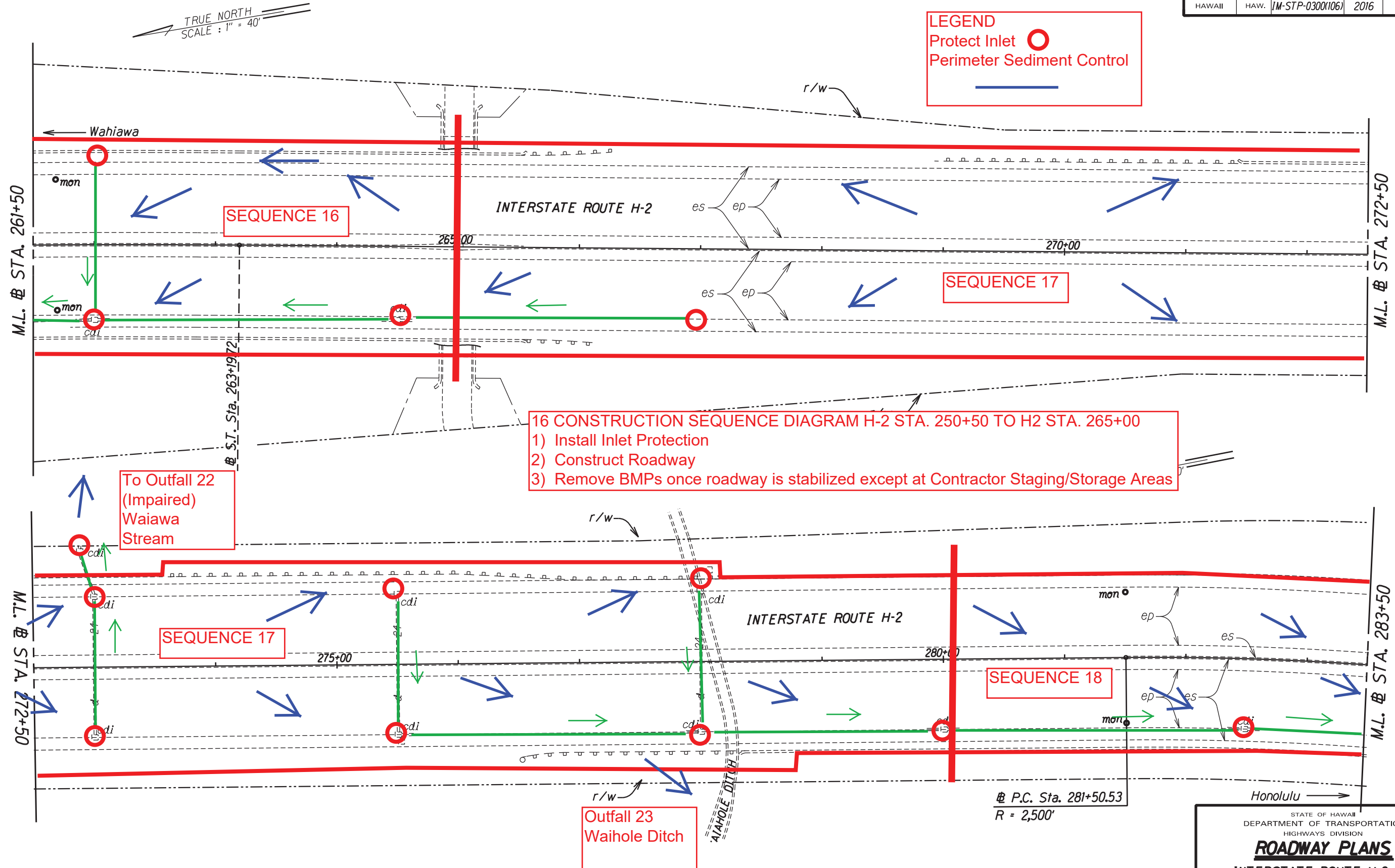
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

TRUE NORTH
SCALE : 1" = 40'

LEGEND

Protect Inlet

Perimeter Sediment Control



16 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 250+50 TO H2 STA. 265+00
1) Install Inlet Protection
2) Construct Roadway
3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

17 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 265+00 TO H2 STA. 280+00
1) Install Inlet Protection
2) Construct Roadway
3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

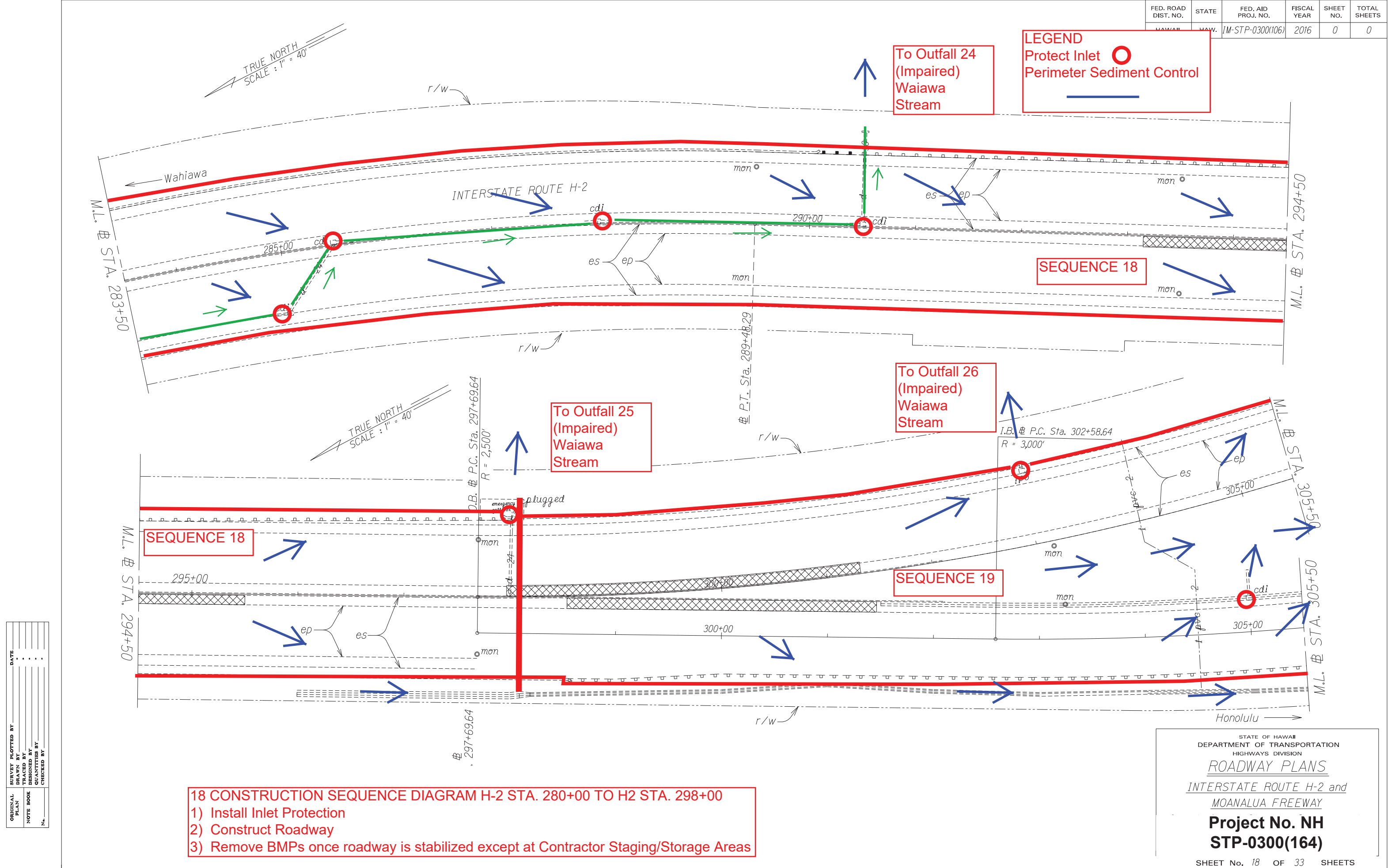
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

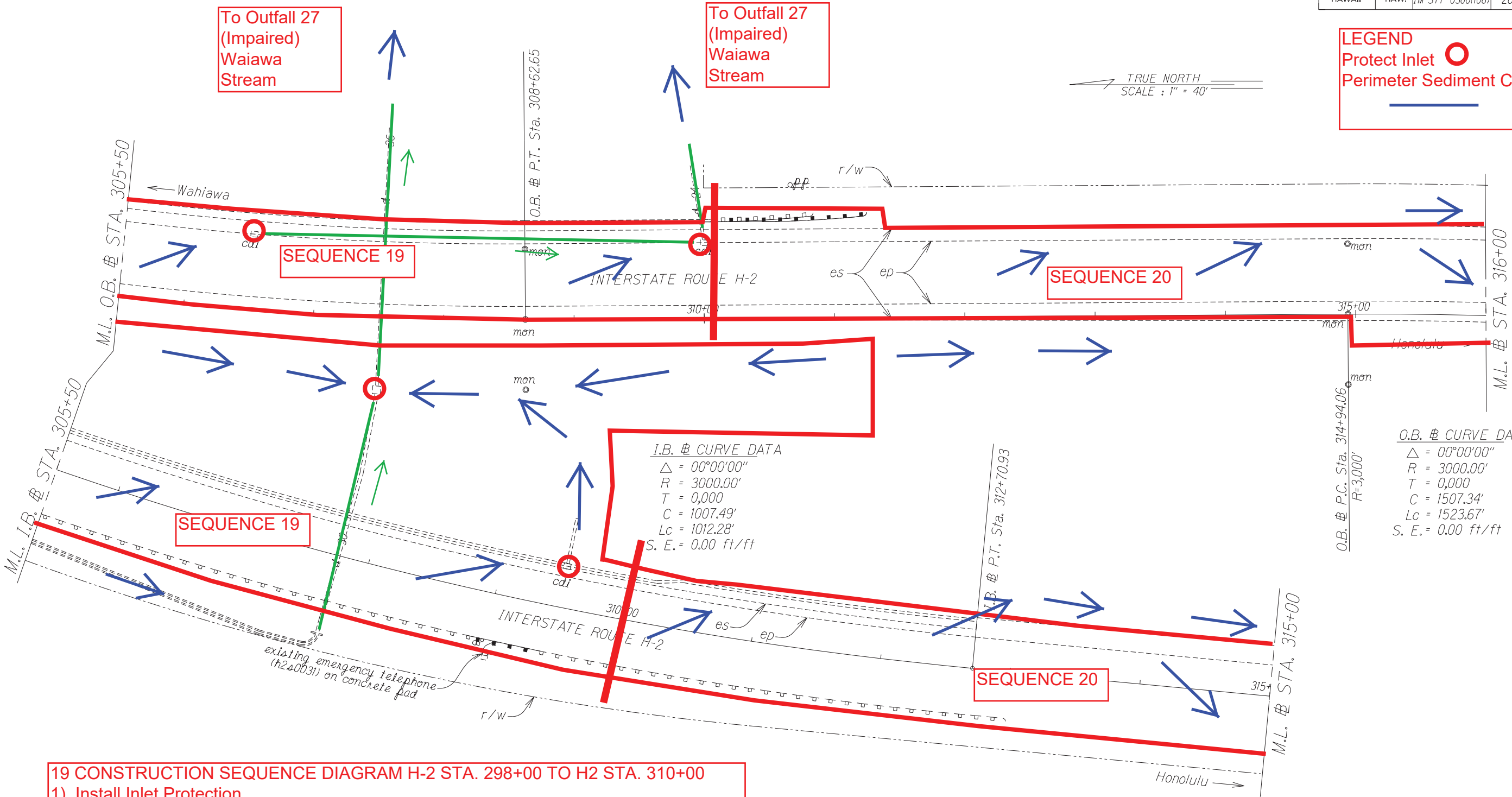


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet 
Perimeter Sediment Control 

TRUE NORTH
SCALE : 1" = 40'



O.B. # CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 3000.00'$
 $T = 0.000$
 $C = 1507.34'$
 $Lc = 1523.67'$
 $S. E. = 0.00 \text{ ft/ft}$

19 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 298+00 TO H2 STA. 310+00
1) Install Inlet Protection
2) Construct Roadway
3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SHEET No. 19 OF 33 SHEETS

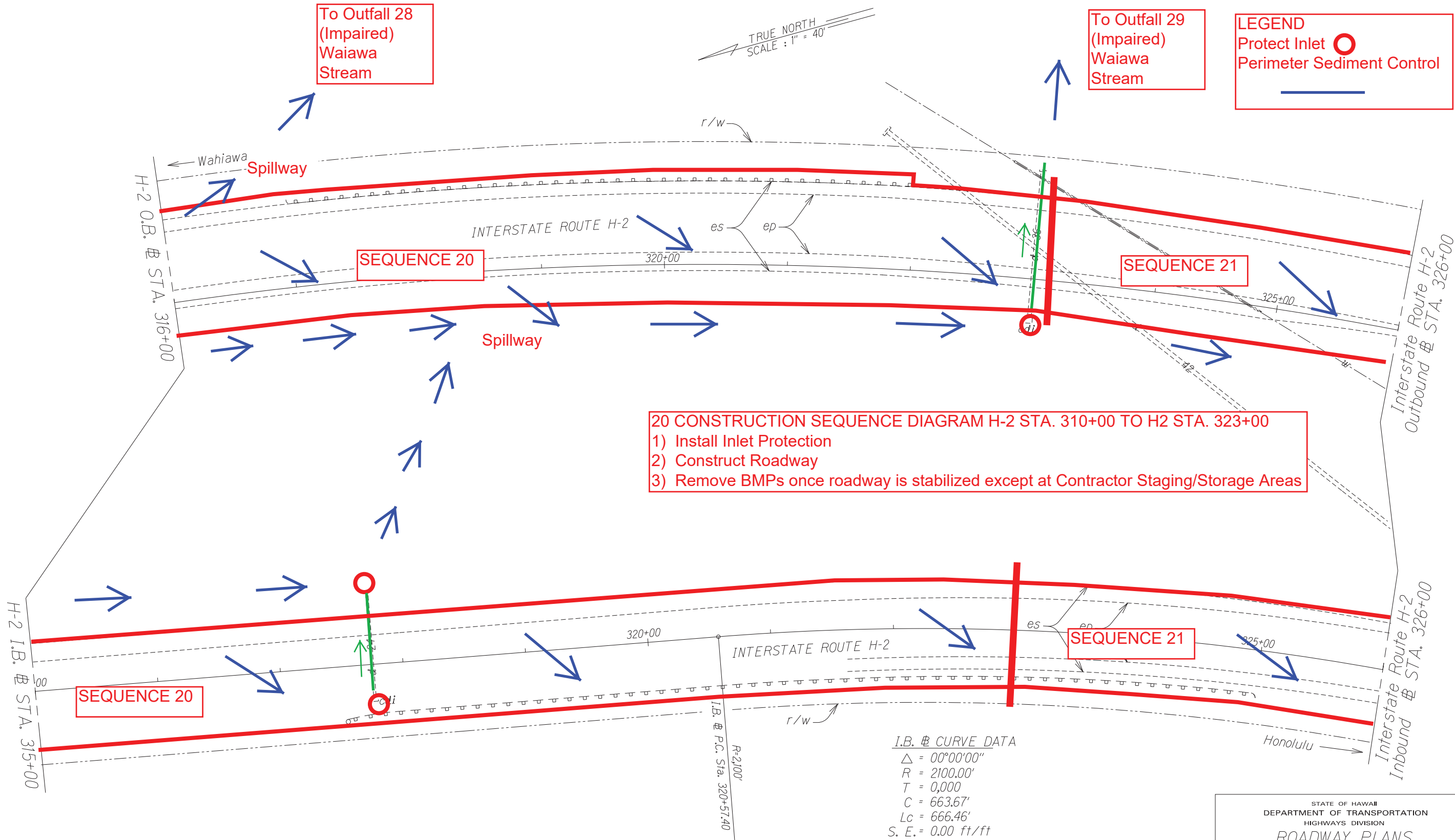
Date June 27, 2016

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ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N _o .	



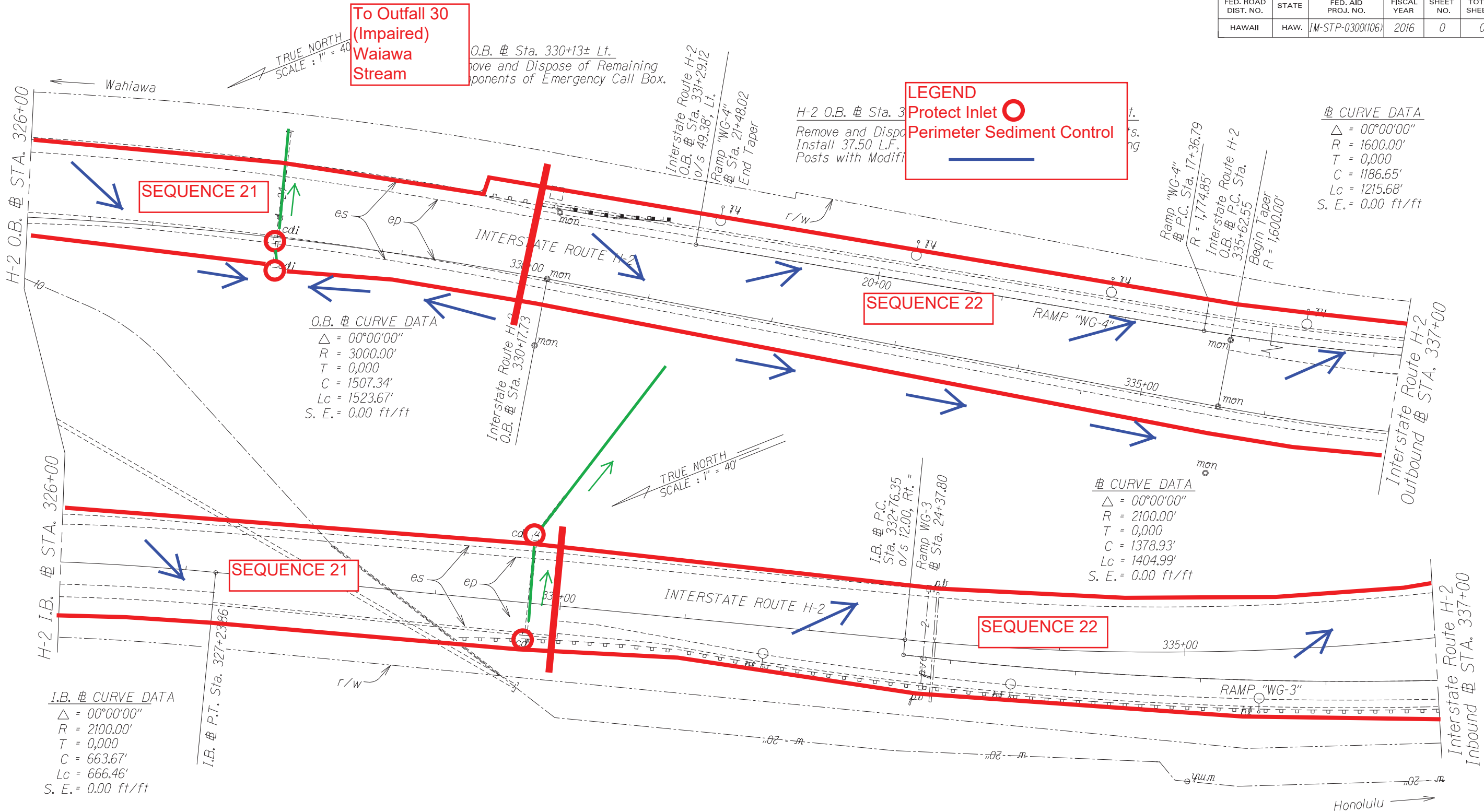
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
**Project No. NH
STP-0300(164)**

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
INTEGRATED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

21 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 323+00 TO H2 STA. 330+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

**Project No. NH
STP-0300(164)**

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet 
Perimeter Sediment Control 

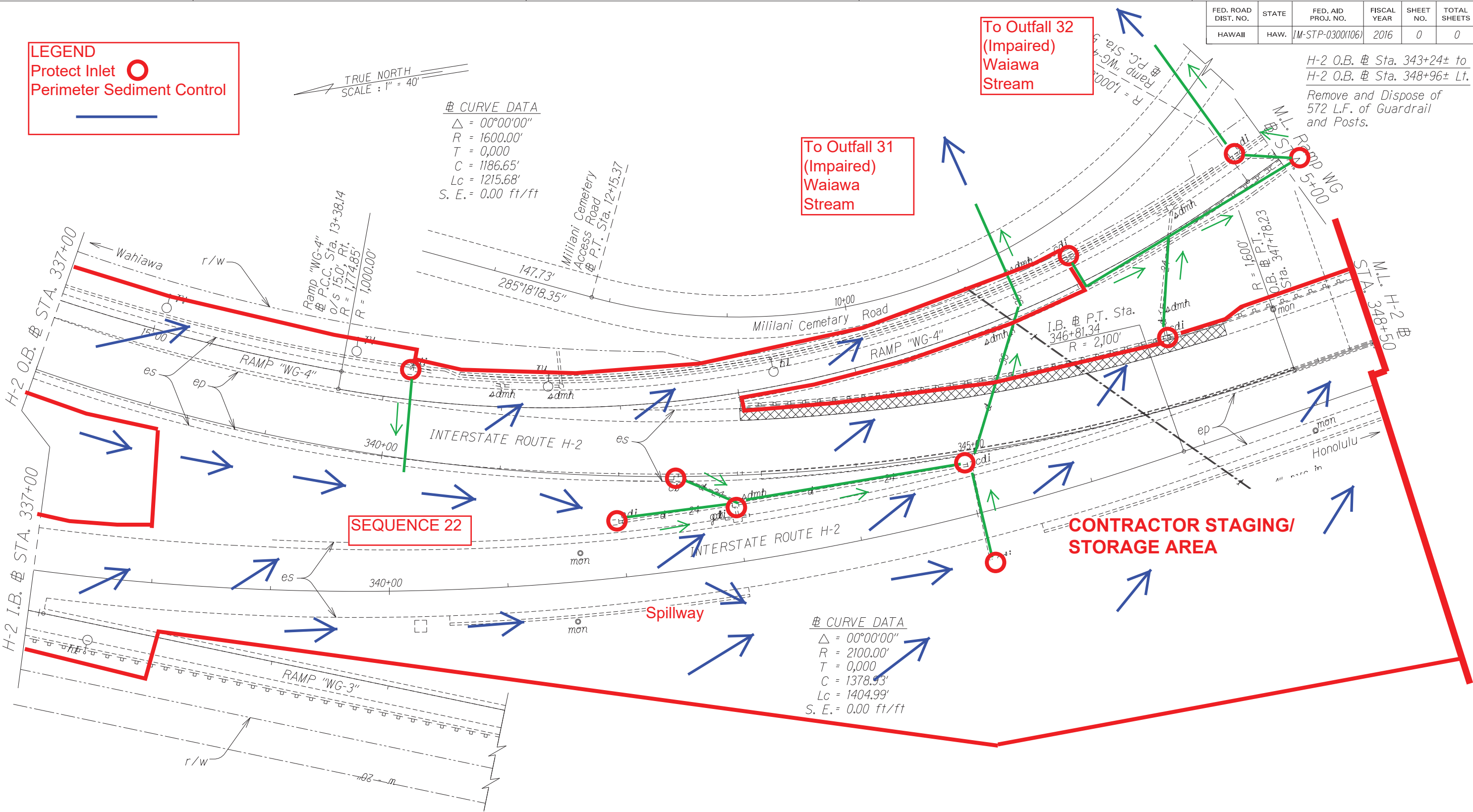
TRUE NORTH
SCALE : 1" = 40'

△ CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 1600.00'$
 $T = 0.000$
 $C = 1186.65'$
 $Lc = 1215.68'$
 $S. E. = 0.00 \text{ ft/ft}$

To Outfall 32
(Impaired)
Waiawa
Stream

To Outfall 31
(Impaired)
Waiawa
Stream

H-2 O.B. @ Sta. 343+24± to
H-2 O.B. @ Sta. 348+96± Lt.
Remove and Dispose of
572 L.F. of Guardrail
and Posts.



SEQUENCE 22

**CONTRACTOR STAGING/
STORAGE AREA**

Spillway

△ CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 2100.00'$
 $T = 0.000$
 $C = 1378.93'$
 $Lc = 1404.99'$
 $S. E. = 0.00 \text{ ft/ft}$

22 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 330+00 TO H2 STA. 348+50
1) Install Inlet Protection
2) Construct Roadway
3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
**Project No. NH
STP-0300(164)**

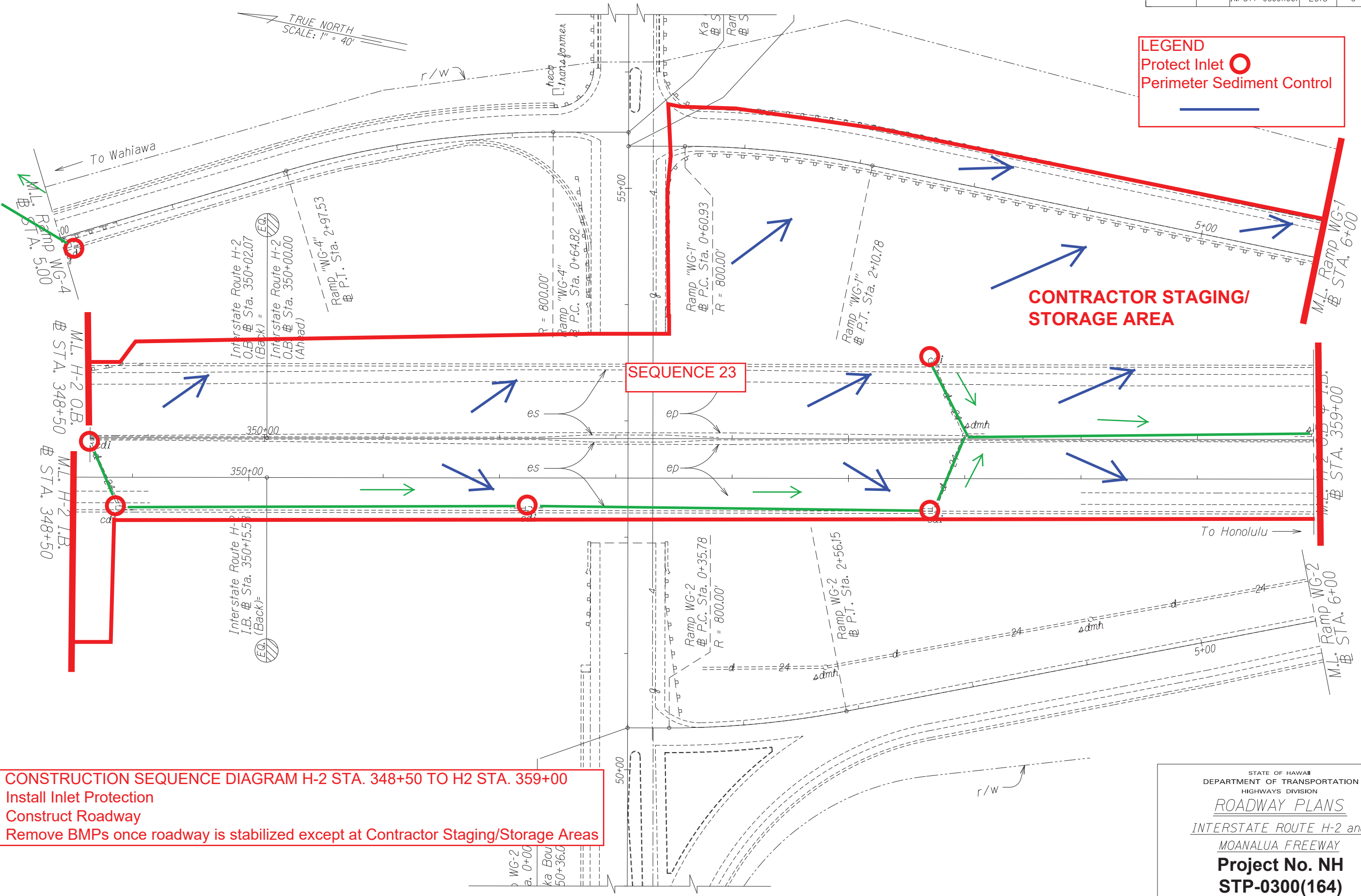
SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet 

Perimeter Sediment Control 



23 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 348+50 TO H2 STA. 359+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

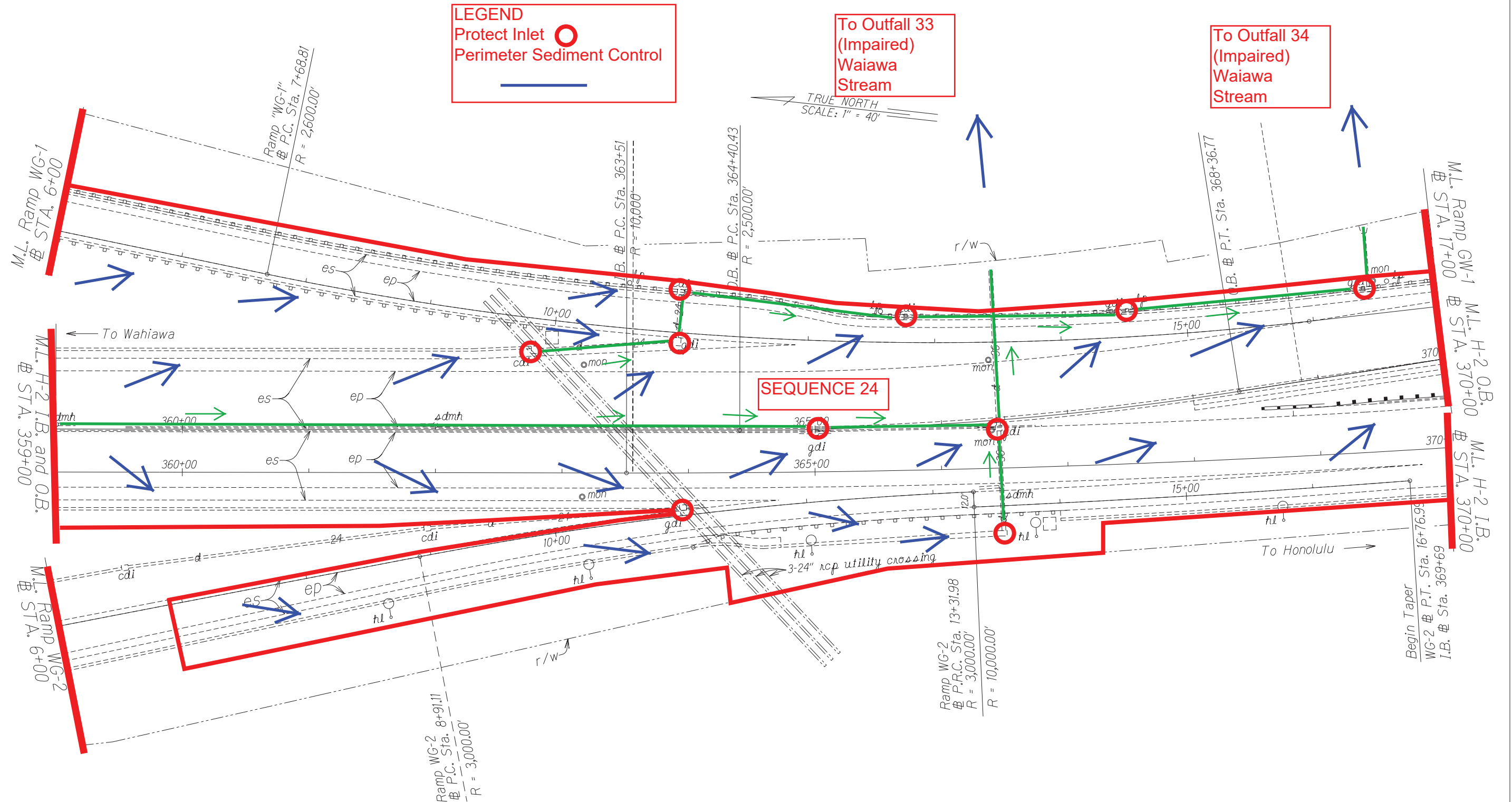
ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
N.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



24 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 359+00 TO H2 STA. 370+00

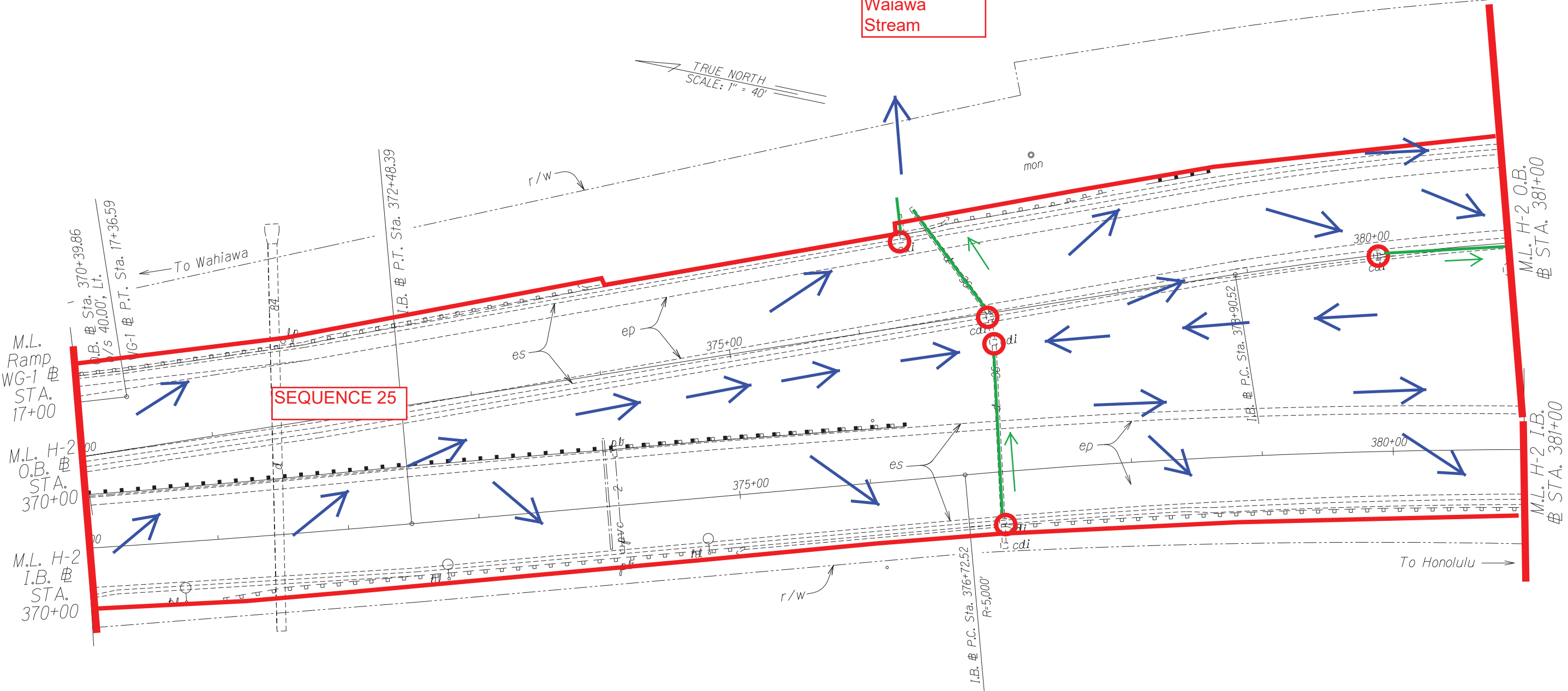
- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Project No. NH
STP-0300(164)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet 
Perimeter Sediment Control 

To Outfall 35
(Impaired)
Waiawa
Stream



25 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 370+00 TO H2 STA. 381+00
1) Install Inlet Protection
2) Construct Roadway
3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Project No. NH
STP-0300(164)
SHEET No. 25 OF 33 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

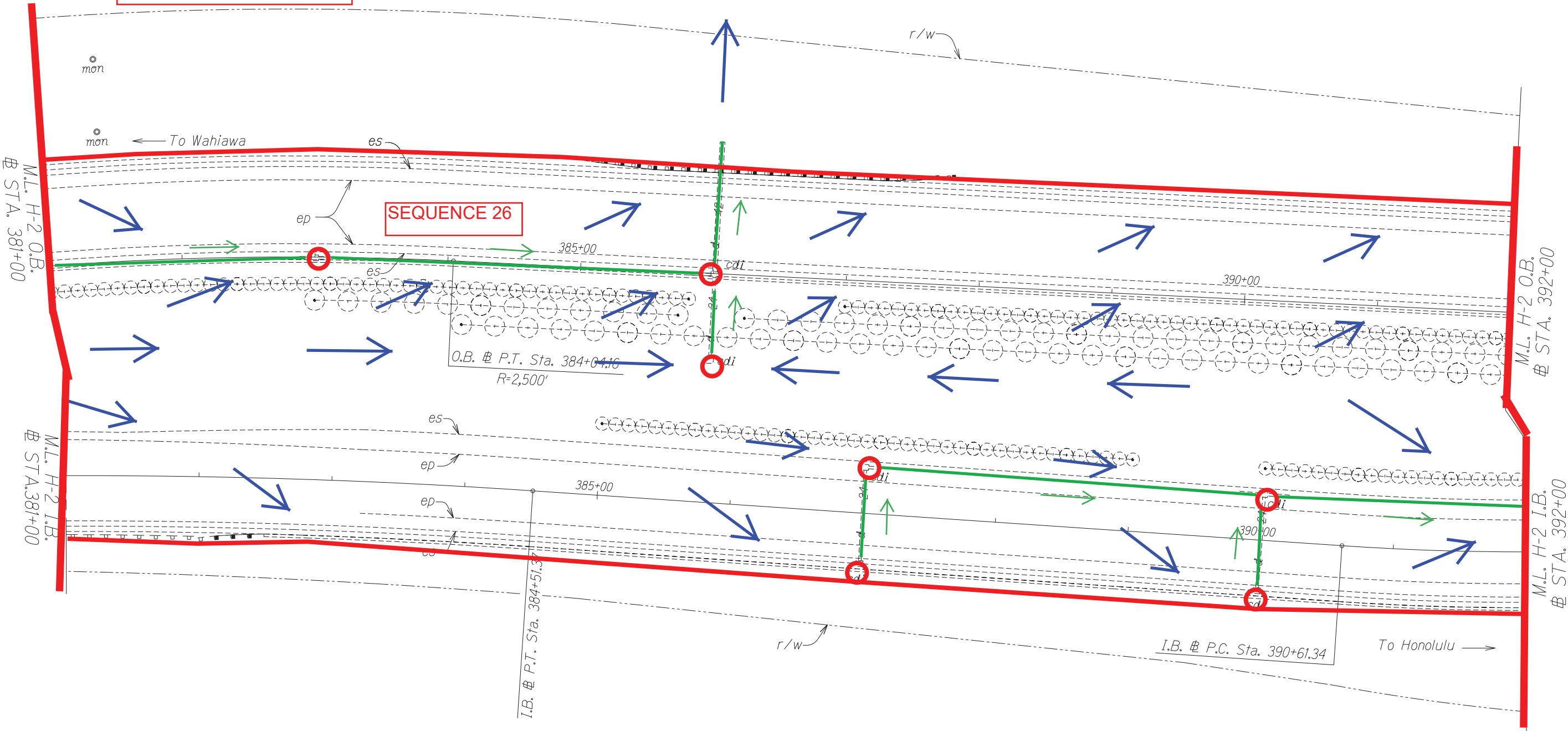
LEGEND

Protect Inlet 

Perimeter Sediment Control 

To Outfall 36
(Impaired)
Waiawa
Stream

TRUE NORTH
SCALE: 1" = 40'



26 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 381+00 TO H2 STA. 392+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

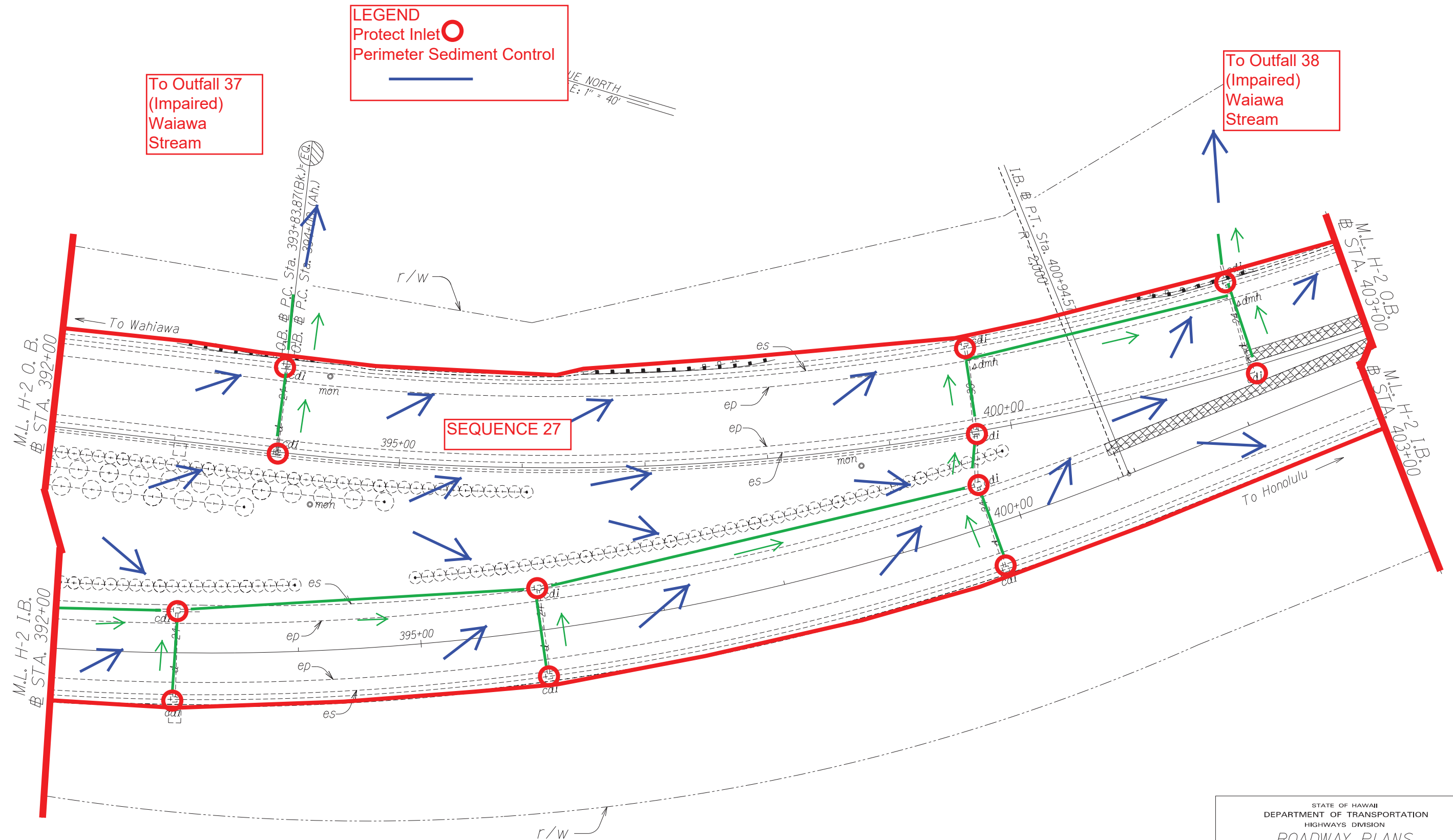
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



27 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 392+00 TO H2 STA. 403+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SHEET No. 27 OF 33 SHEETS

Date: June 28, 2016

00

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
No. _____	CHECKED BY _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

TRUE NORTH
SCALE: 1" = 40'

To Outfall 41
Unnamed
Gulch

To Outfall 39
(Impaired)
Waiawa
Stream

To Outfall 40
(Impaired)
Waiawa
Stream

28 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 403+00 TO H2 STA. 419+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

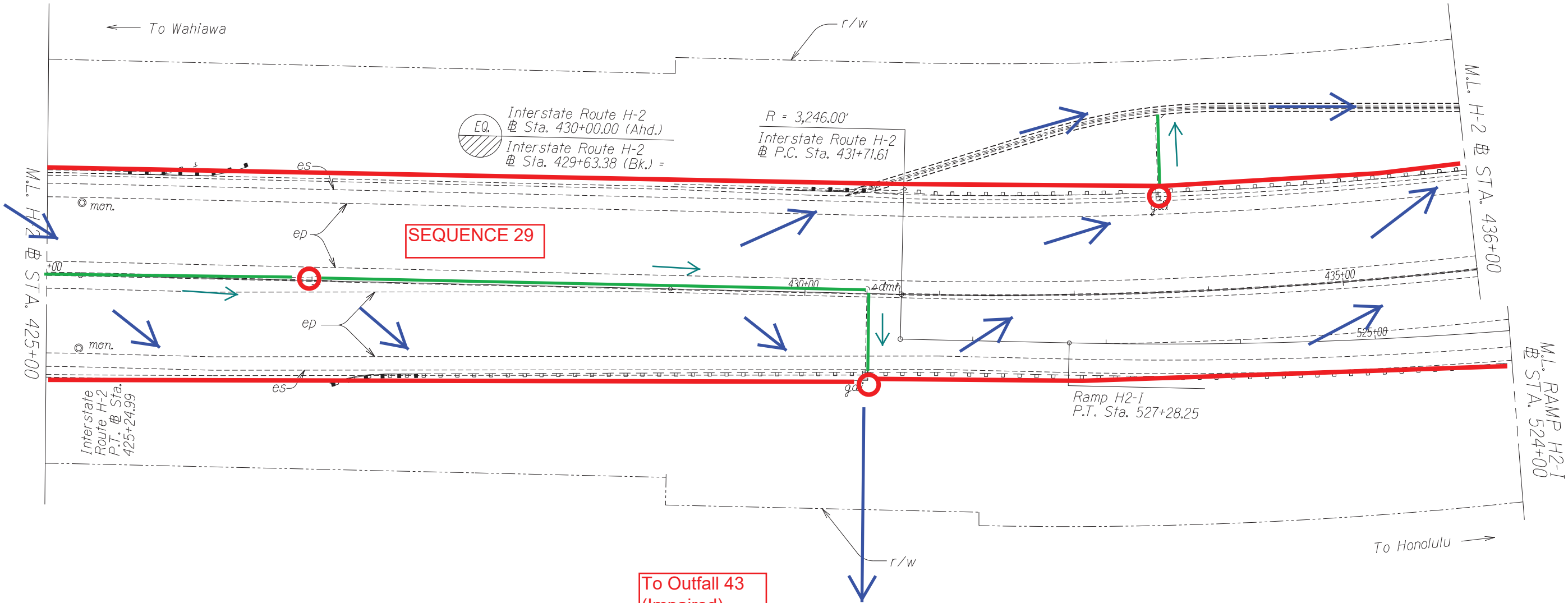
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet 

Perimeter Sediment Control 

TRUE NORTH
SCALE: 1" = 40'



SEQUENCE 29

To Outfall 43
(Impaired)
Waiawa
Stream

29 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 419+00 TO H2 STA. 437+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

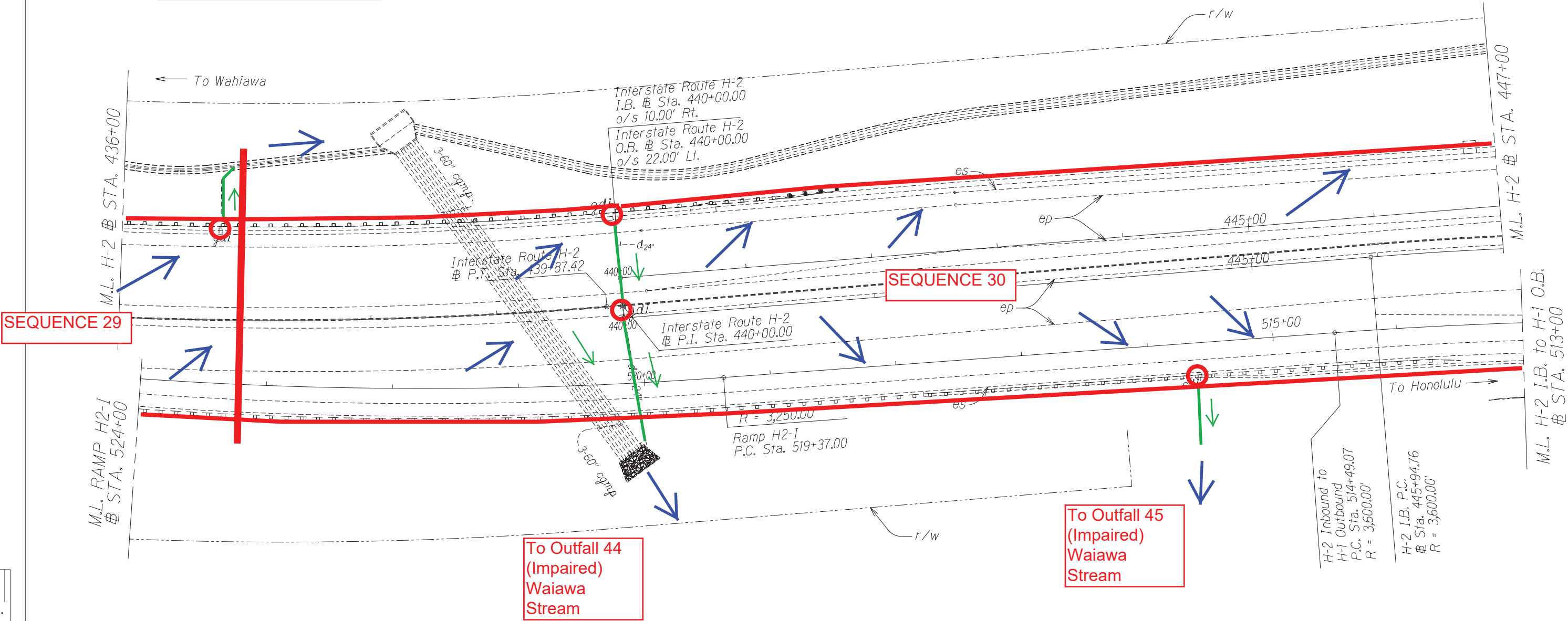
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

TRUE NORTH
SCALE: 1" = 40'



30 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 437+00 TO H2 STA. 450+00

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

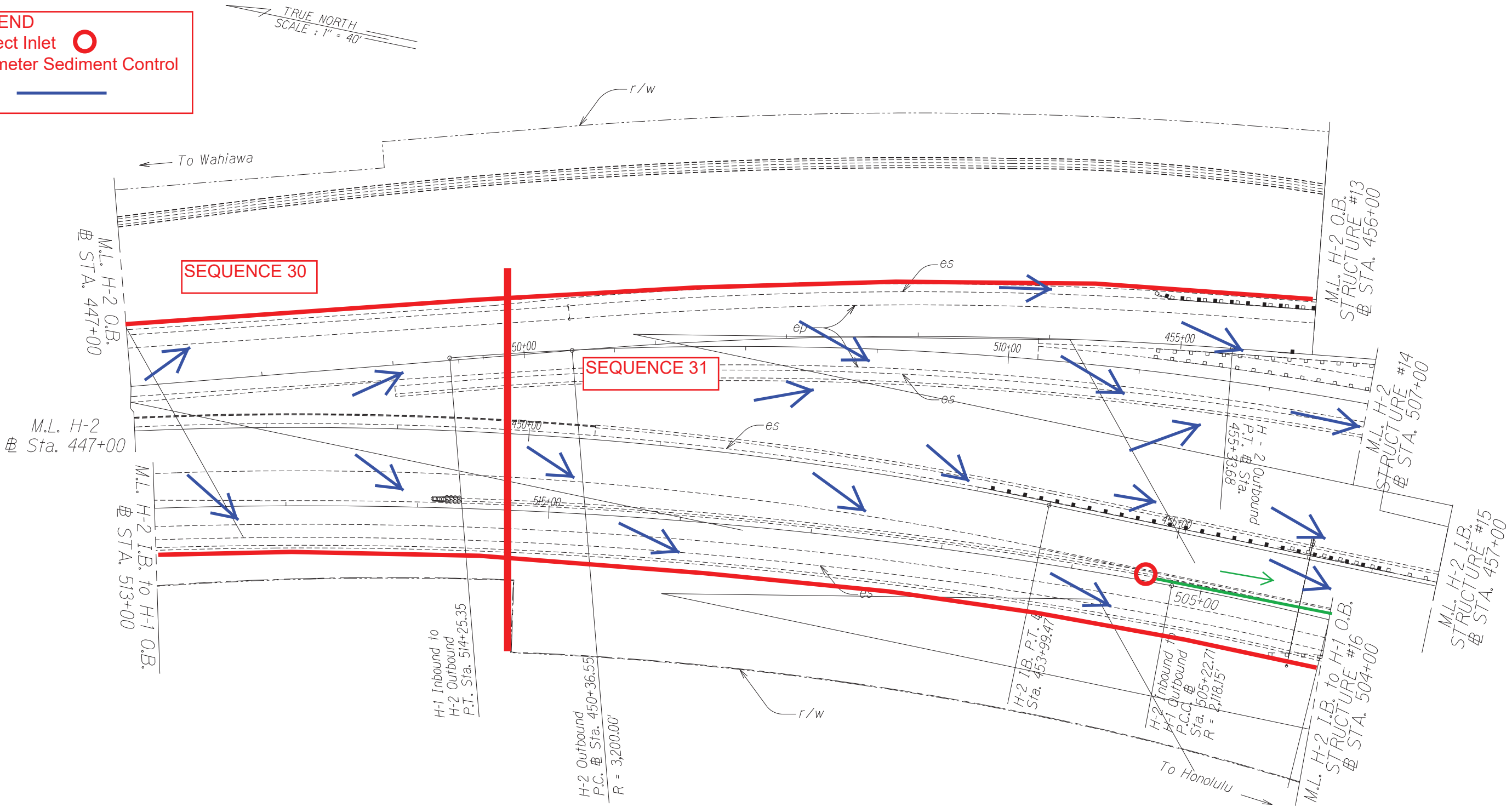
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



31 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 450+00 TO END H2 PROJECT

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

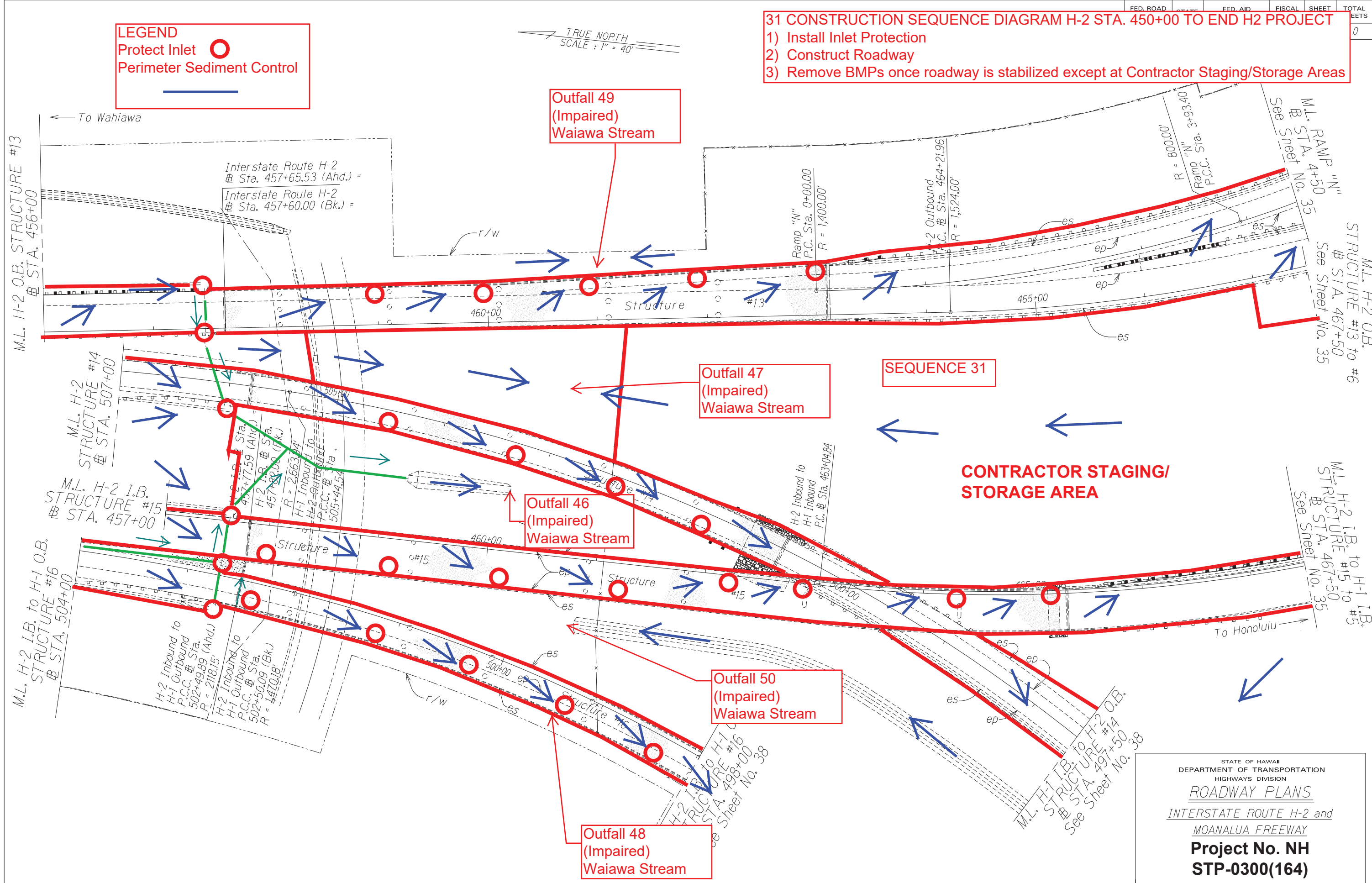
Project No. NH
STP-0300(164)

LEGEND

Protect Inlet ○

Perimeter Sediment Control —

- 31 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 450+00 TO END H2 PROJECT**
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

**Project No. NH
STP-0300(164)**

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

M.L. LOOP #4
STA. 23+00.37
See Sheet No. 37

M.L. H-2 O.B. #6
STRUCTURE # STA. 477+00
See Sheet No. 37

M.L. H-1 O.B. #6
STA. 507+00.37
See Sheet No. 37

M.L. H-2 I.B. #6
STA. 480+00.37
See Sheet No. 37

M.L. H-1 I.B. #6
STA. 505+00.37
See Sheet No. 37

To Outfall 51
(Impaired)
Waiawa
Stream

To Outfall 52
(Impaired)
Waiawa
Stream

LEGEND

Protect Inlet 

Perimeter Sediment Control 

SEQUENCE 31

CONTRACTOR STAGING/
STORAGE AREA

- 31 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 450+00 TO END H2 PROJECT**
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

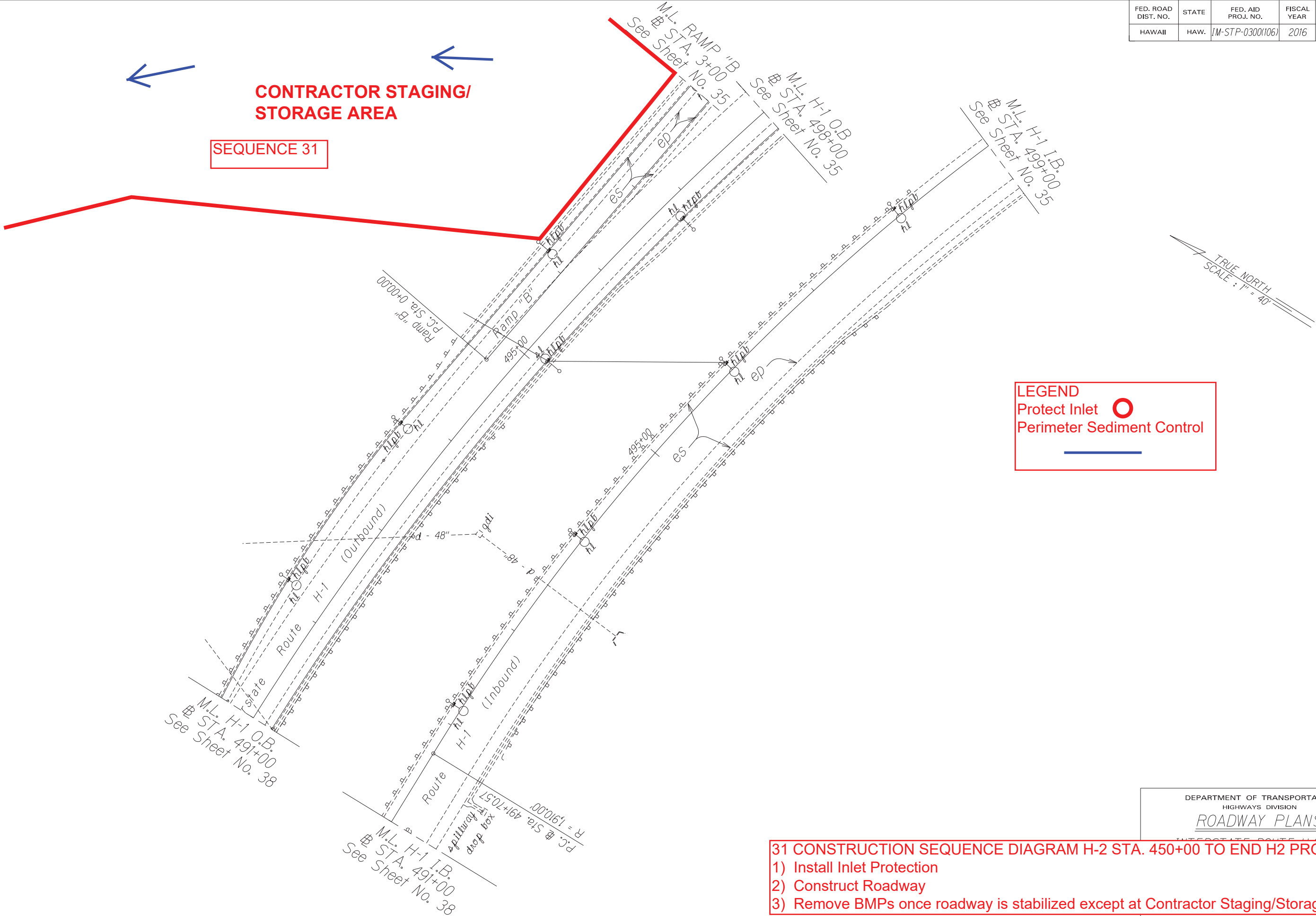
ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Improvements
M-STP-0300(106)
Date: Dec., 2014
33 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



- 31 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 450+00 TO END H2 PROJECT
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE 40

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet 
Perimeter Sediment Control 

SEQUENCE 31

CONTRACTOR STAGING/
STORAGE AREA

To Outfall 50
(Impaired)
Waiawa Stream

- 31 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 450+00 TO END H2 PROJECT
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and

Date: Dec. 15, 2015

00

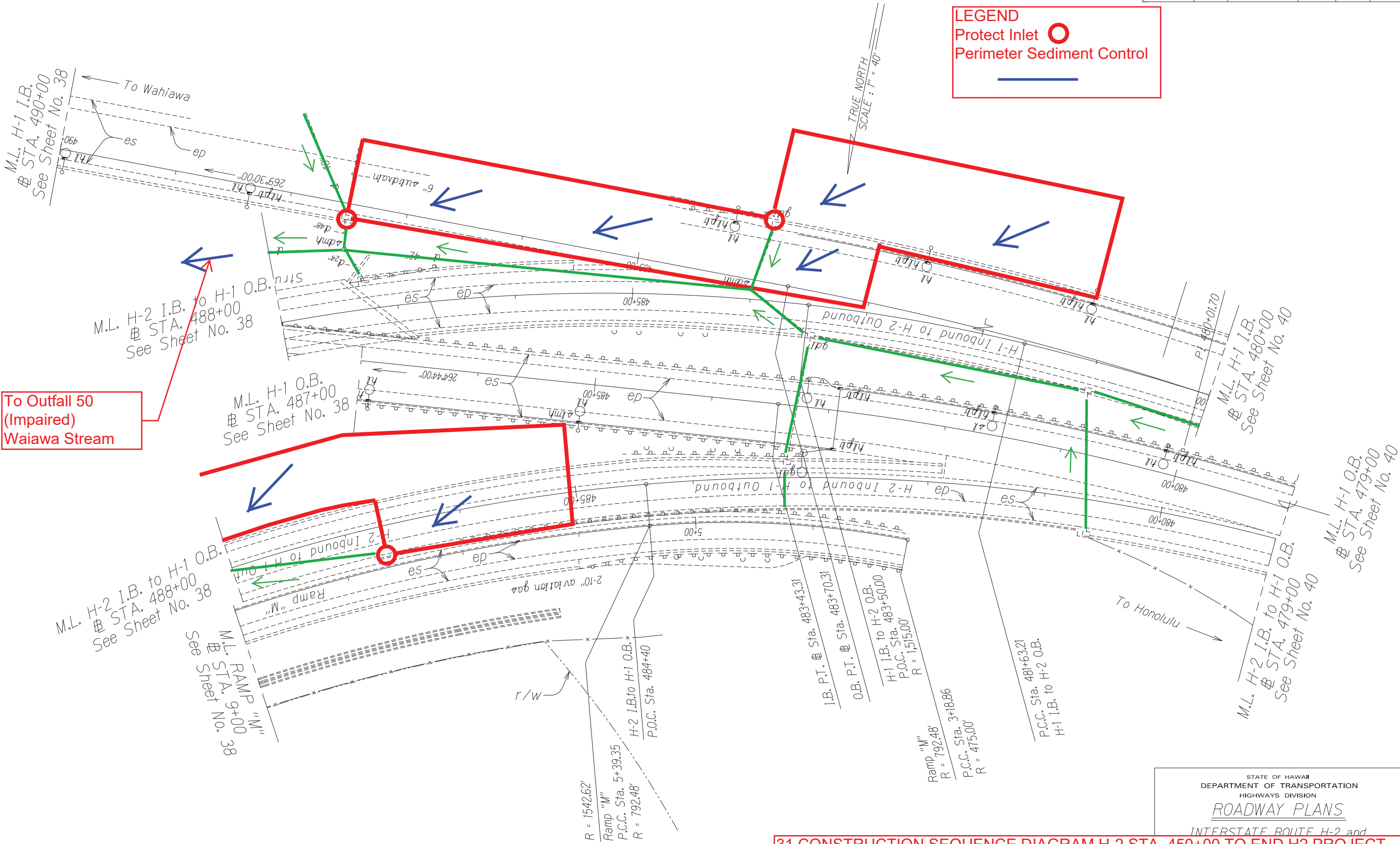
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

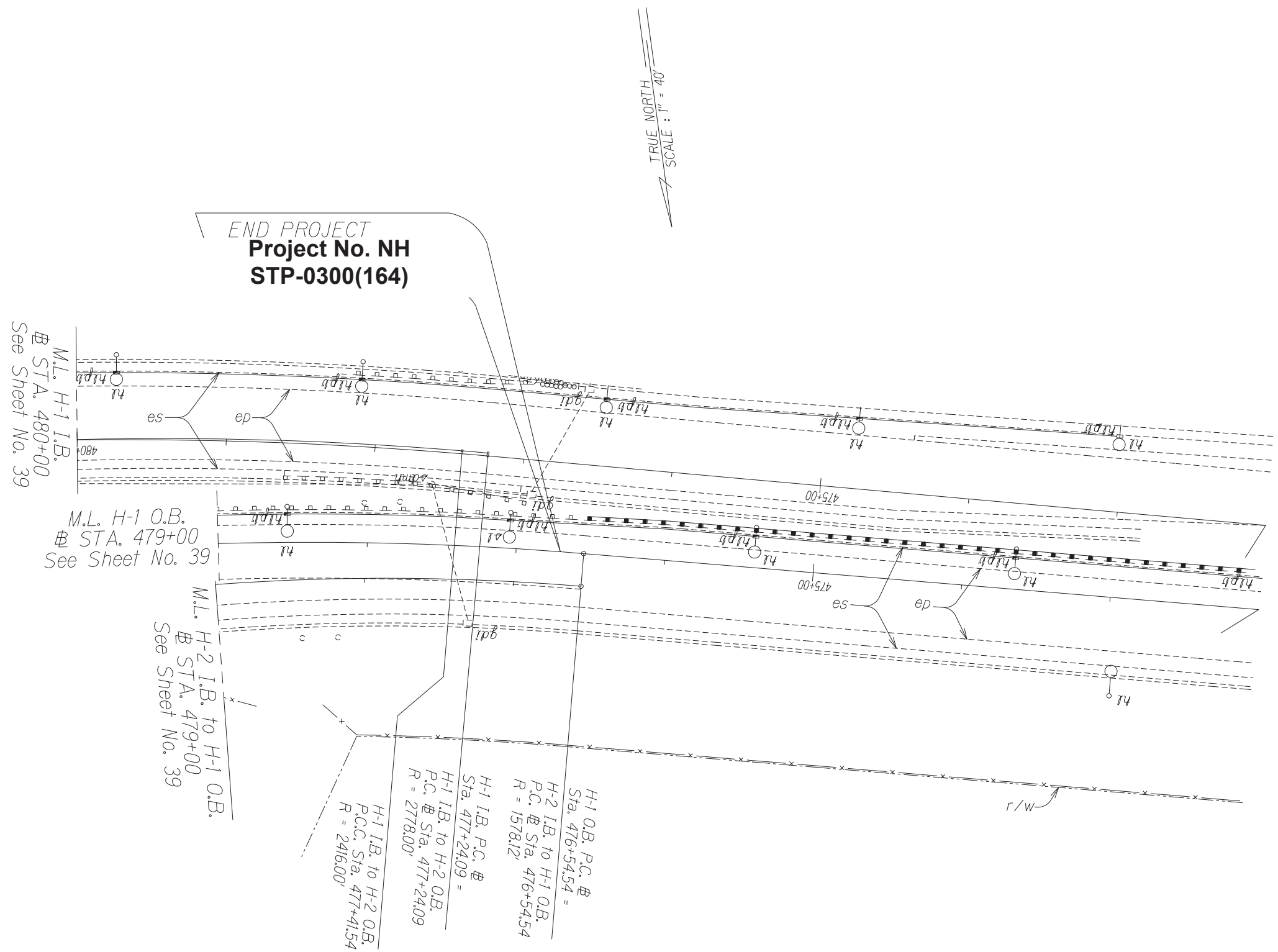
Perimeter Sediment Control



- 31 CONSTRUCTION SEQUENCE DIAGRAM H-2 STA. 450+00 TO END H2 PROJECT
- 1) Install Inlet Protection
 - 2) Construct Roadway
 - 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	
	N.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)

Scale: 1" = 40' Date: Dec., 2014

SHEET No. 40 OF 33 SHEETS

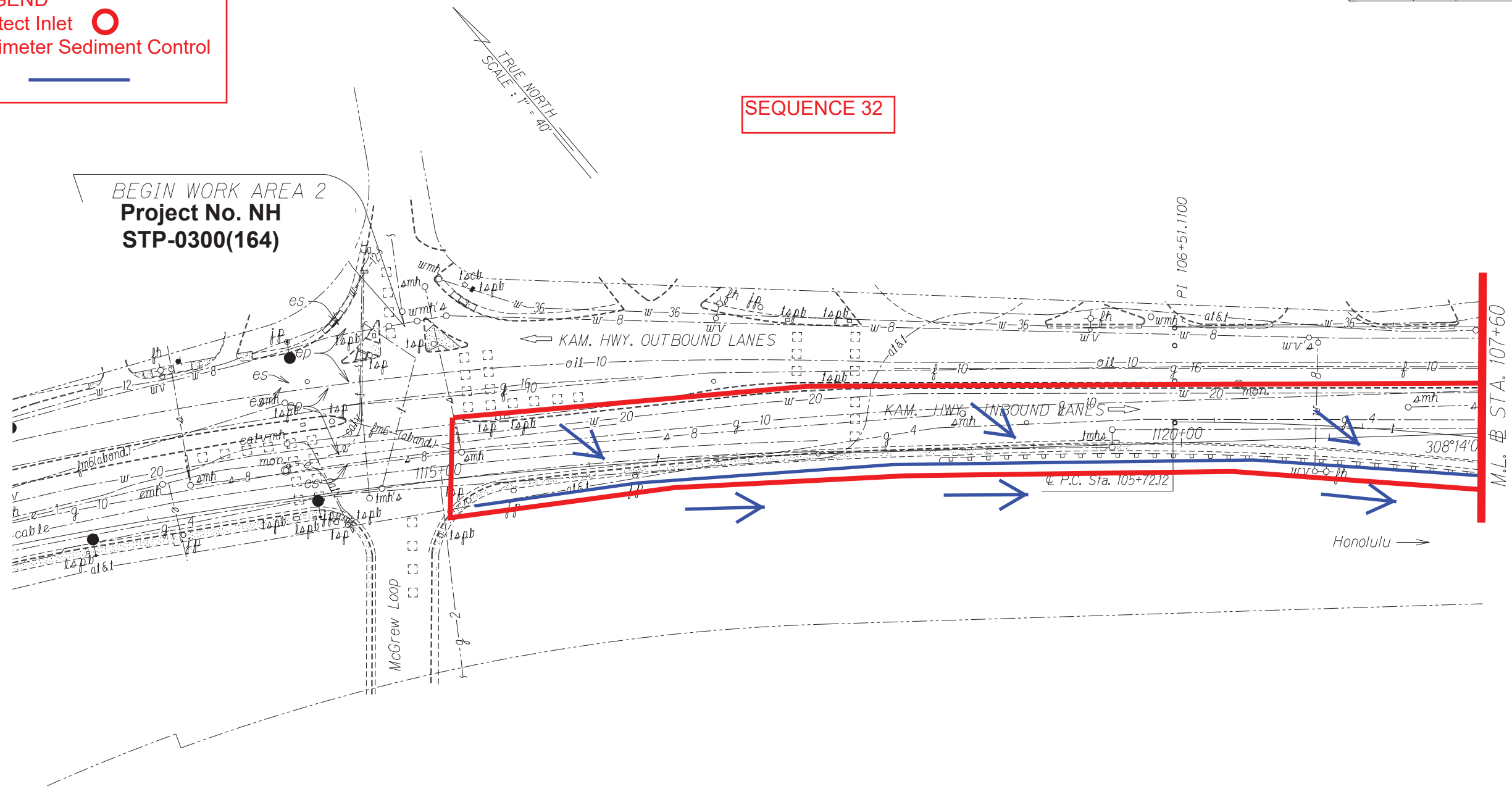
June 15, 2016

SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N#	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet 
Perimeter Sediment Control 

SEQUENCE 32



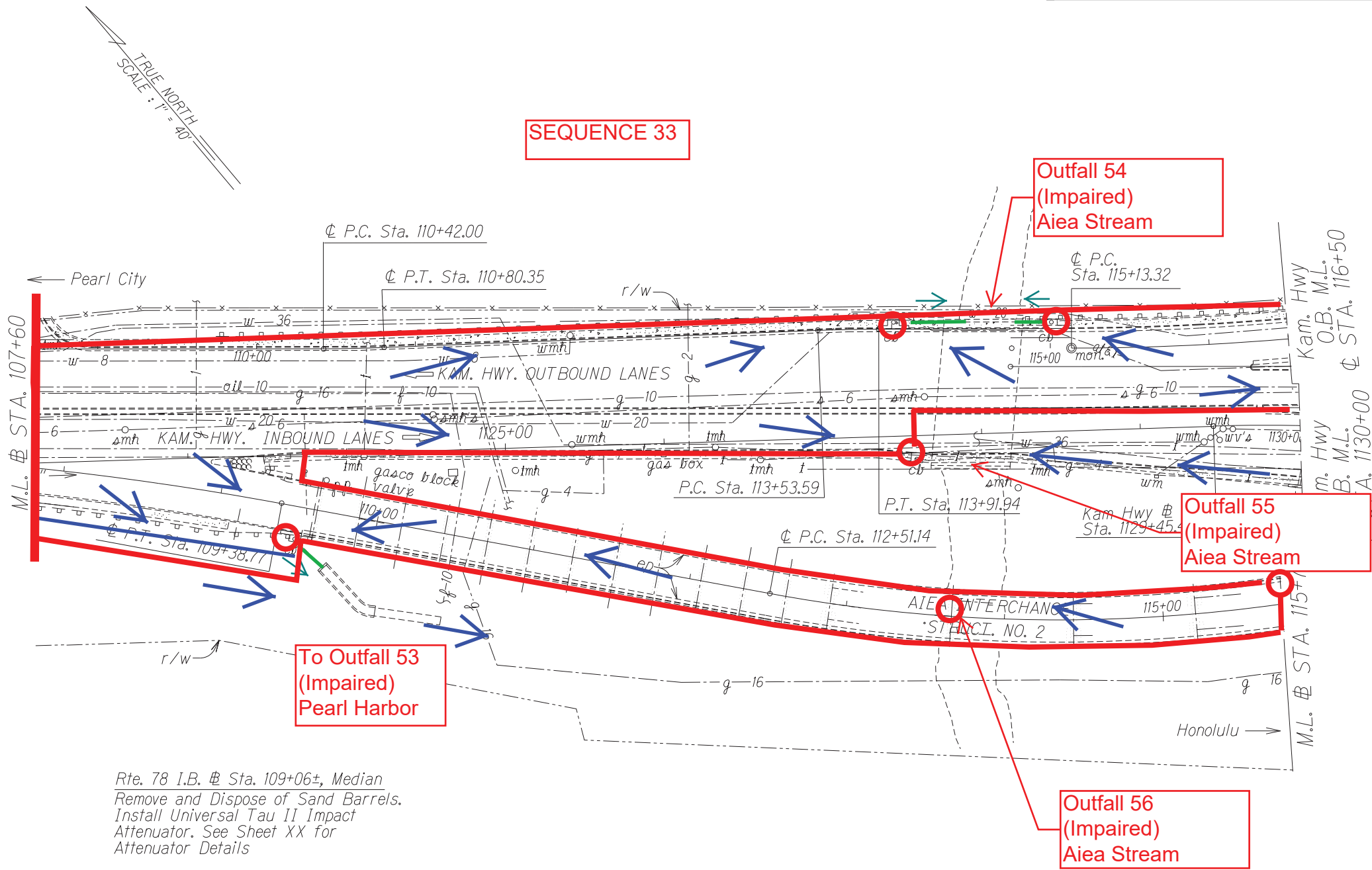
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

32 CONSTRUCTION SEQUENCE DIAGRAM KAMEHAMEHA HIGHWAY MCGREW LOOP TO STA. 107+60
1) Install Inlet Protection and Perimeter Sediment Control
2) Construct Roadway
3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet ○
Perimeter Sediment Control —

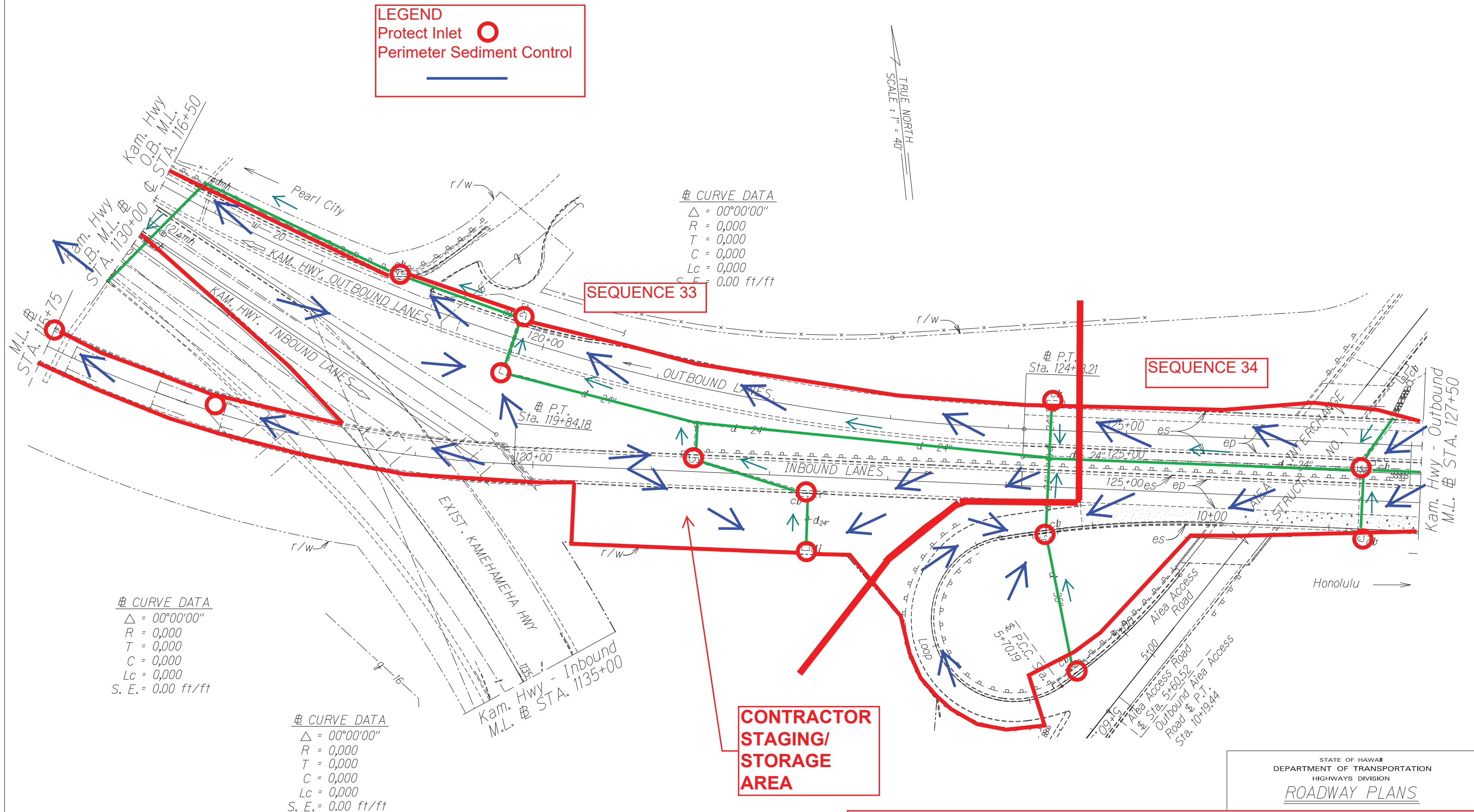


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

33 CONSTRUCTION SEQUENCE DIAGRAM KAMEHAMEHA HIGHWAY STA. 107+60 TO STA. 124+50
1) Install Inlet Protection
2) Construct Roadway
3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

FED. ROAD DIST. NO.	STATE	FED. RD. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



33 CONSTRUCTION SEQUENCE DIAGRAM KAMEHAMEHA HIGHWAY STA. 107+60 TO STA. 124+50

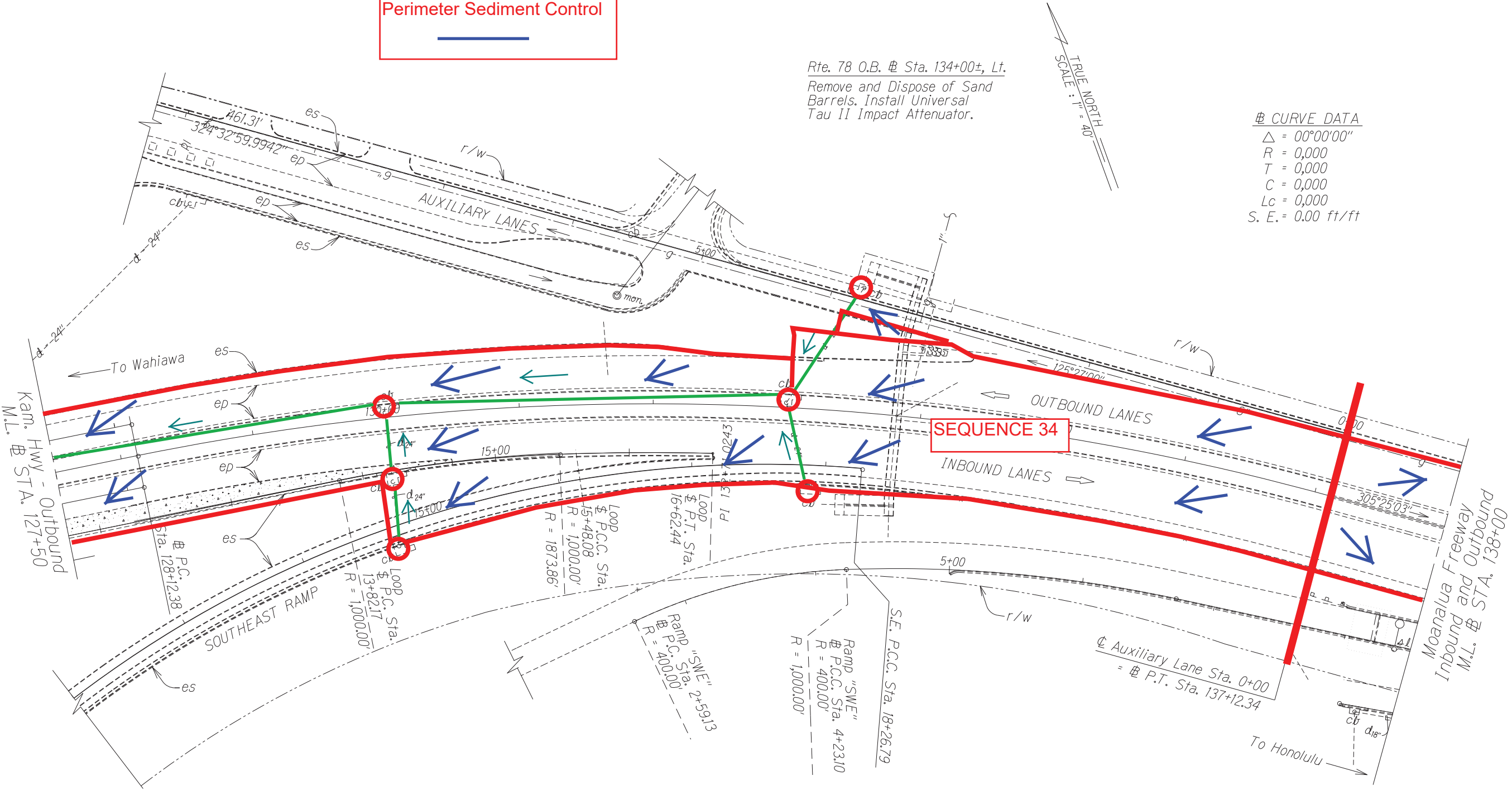
- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



CURVE DATA

Δ	= 00°00'00"
R	= 0,000
T	= 0,000
C	= 0,000
Lc	= 0,000
S. E.	= 0.00 ft/ft

SEQUENCE 34

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

34 CONSTRUCTION SEQUENCE DIAGRAM KAMEHAMEHA HIGHWAY STA. 124+50 TO STA. 137+12

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

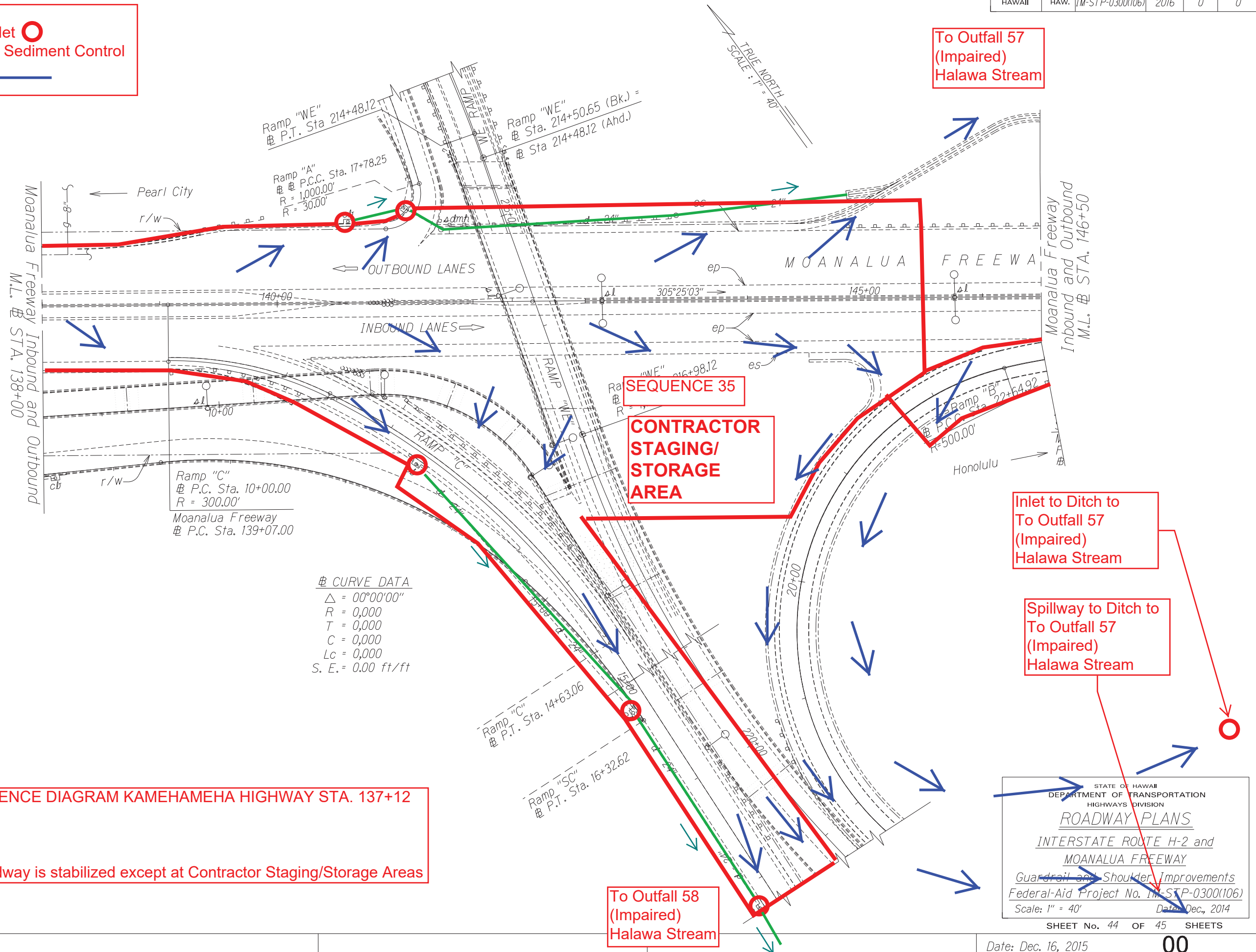
ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
INTEGRITY BY	
QUANTITIES BY	
CHECKED BY	
N#	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet 

Perimeter Sediment Control 



35 CONSTRUCTION SEQUENCE DIAGRAM KAMEHAMEHA HIGHWAY STA. 137+12 TO END WORK AREA 2

- 1) Install Inlet Protection
- 2) Construct Roadway
- 3) Remove BMPs once roadway is stabilized except at Contractor Staging/Storage Areas

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

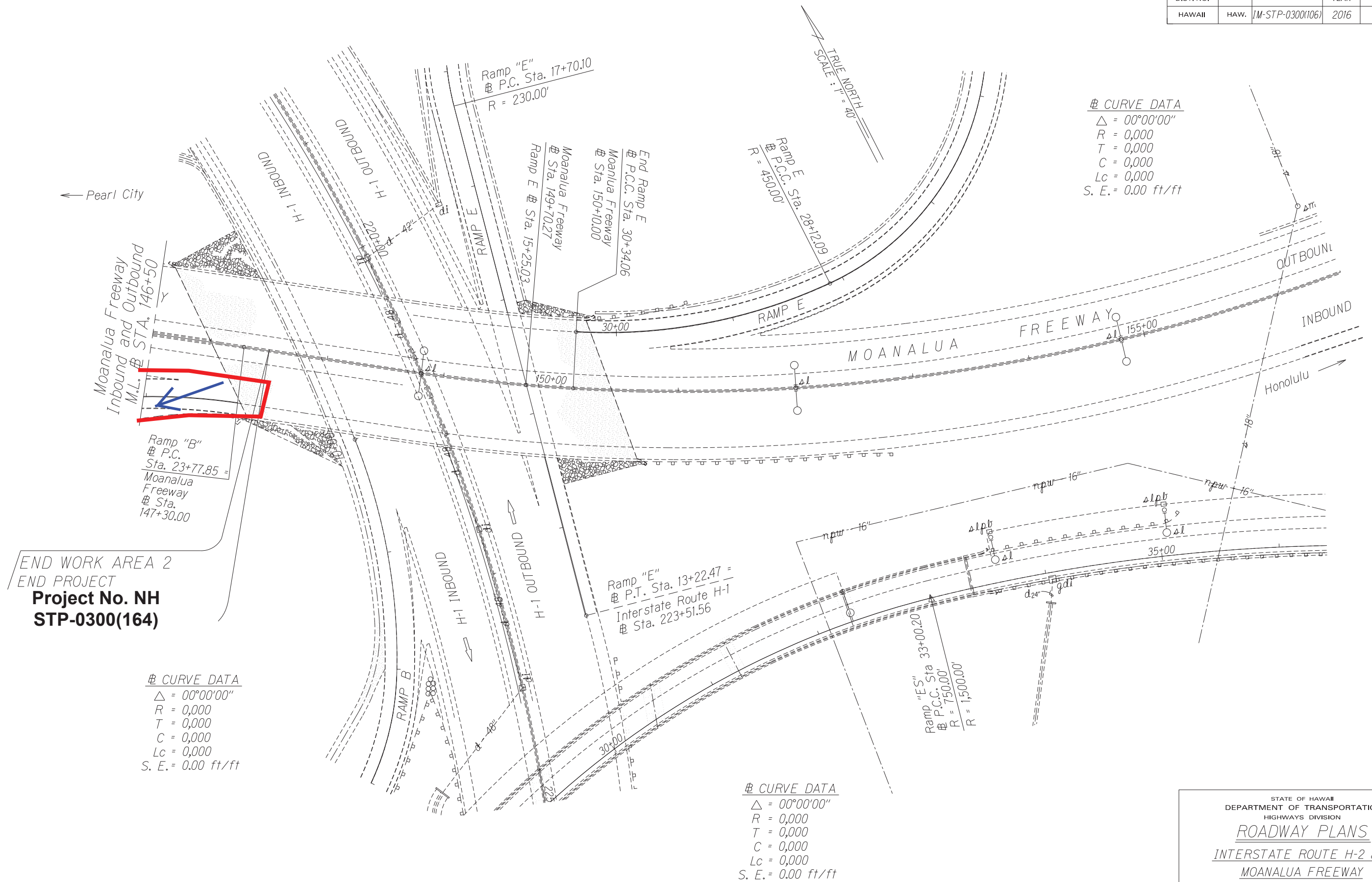
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)

Scale: 1" = 40' Date: Dec., 2014

SHEET No. 44 OF 45 SHEETS

FED. ROAD DIST. NO.	STATE	FED. RD. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	•
	TRACED BY _____	•
	DESIGNED BY _____	•
	QUANTITIES BY _____	•
No. _____	CHECKED BY _____	_____

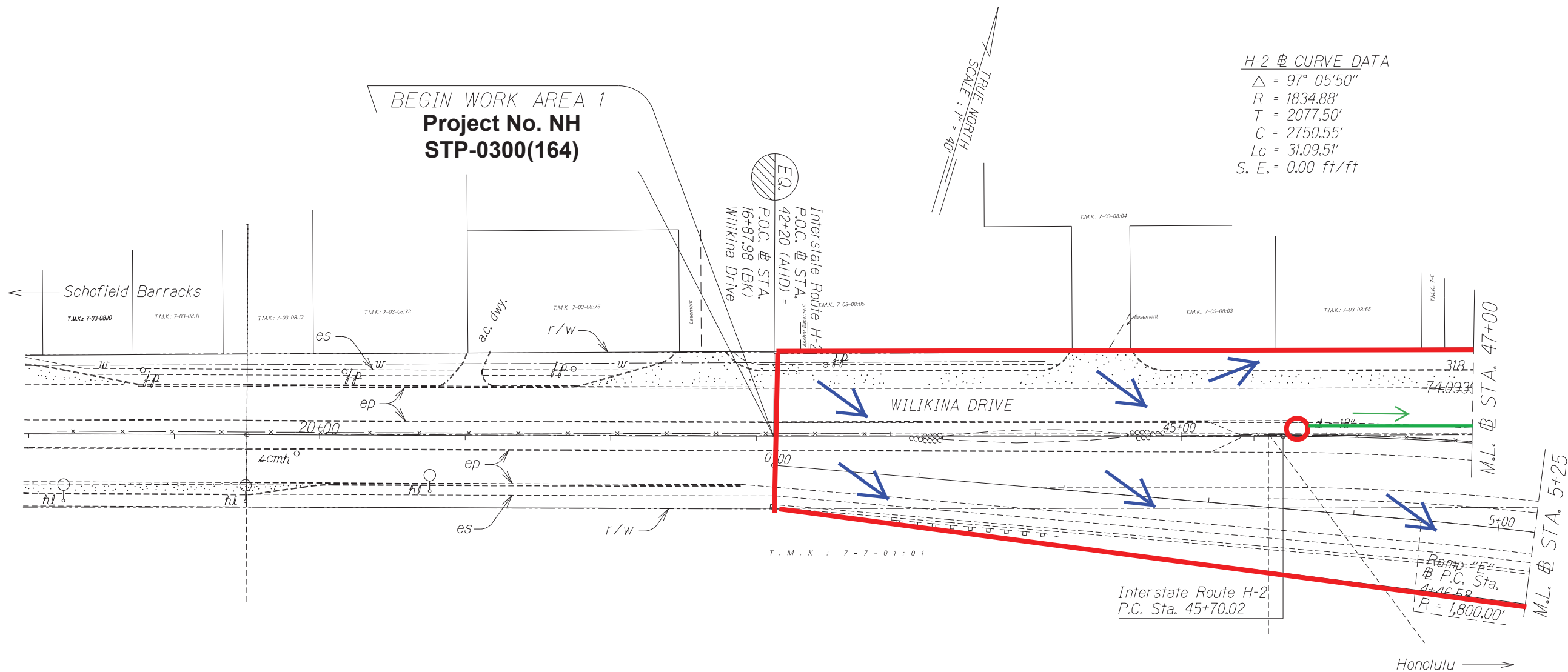
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



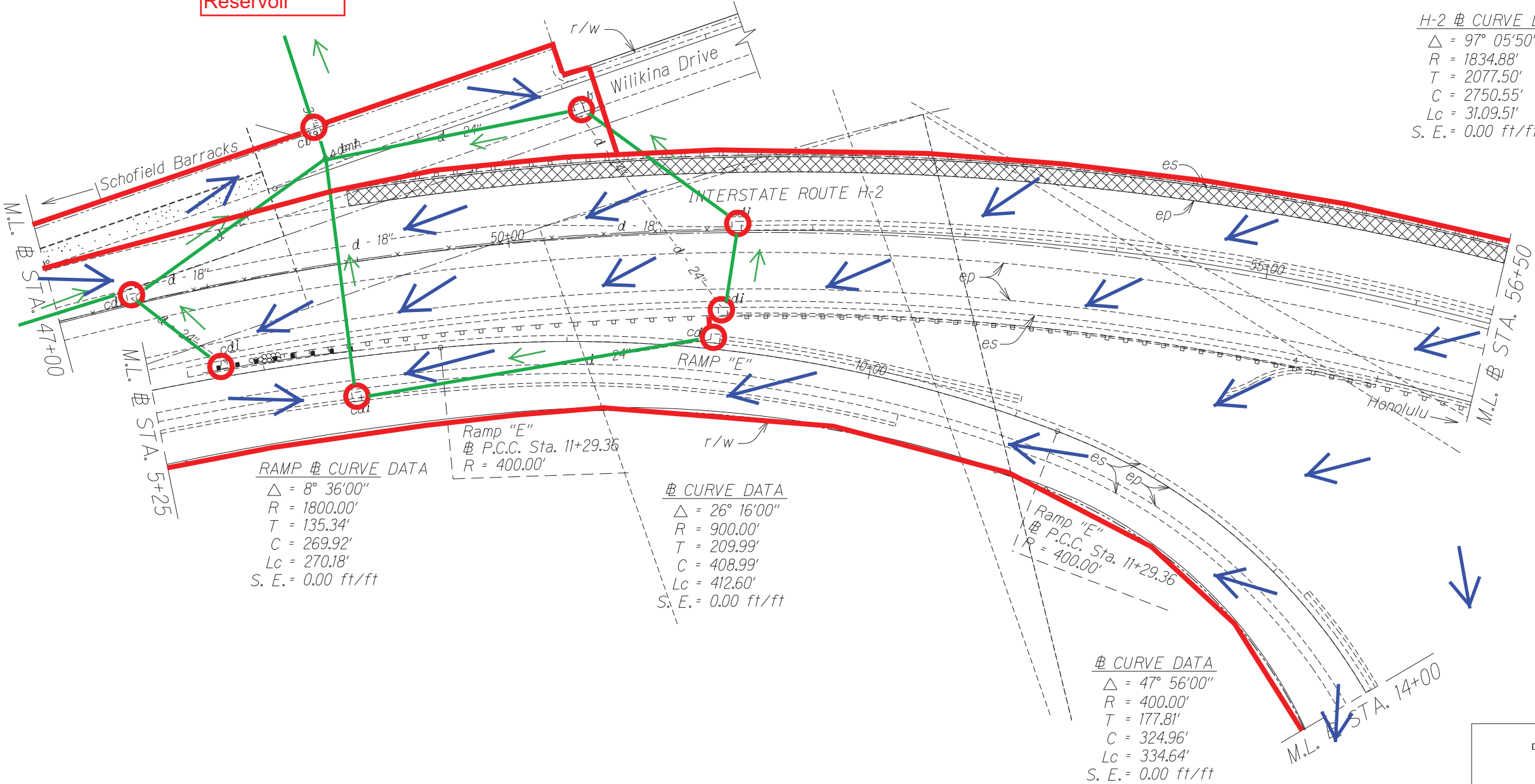
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

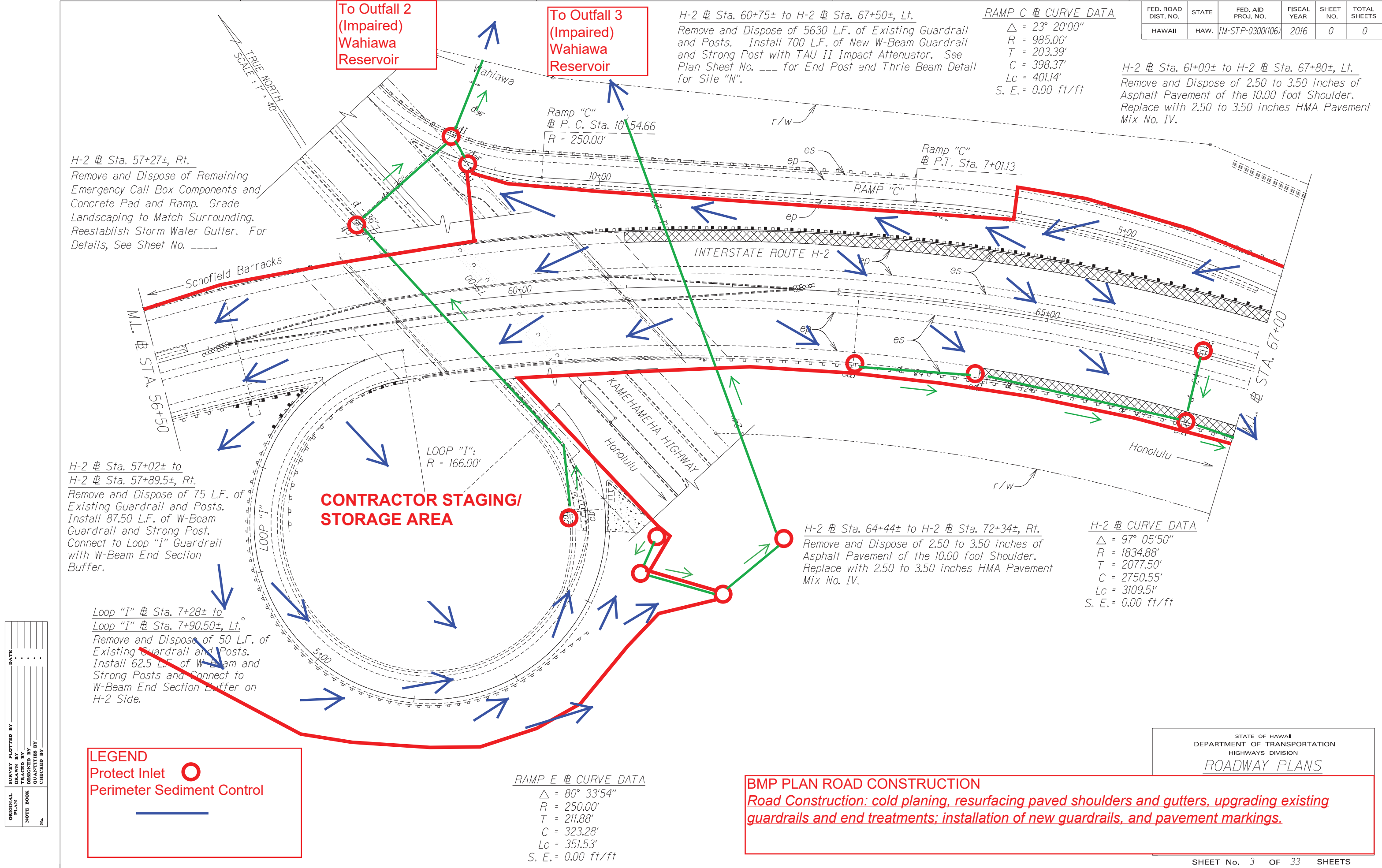
To Outfall 1
(Impaired)
Wahiawa
Reservoir



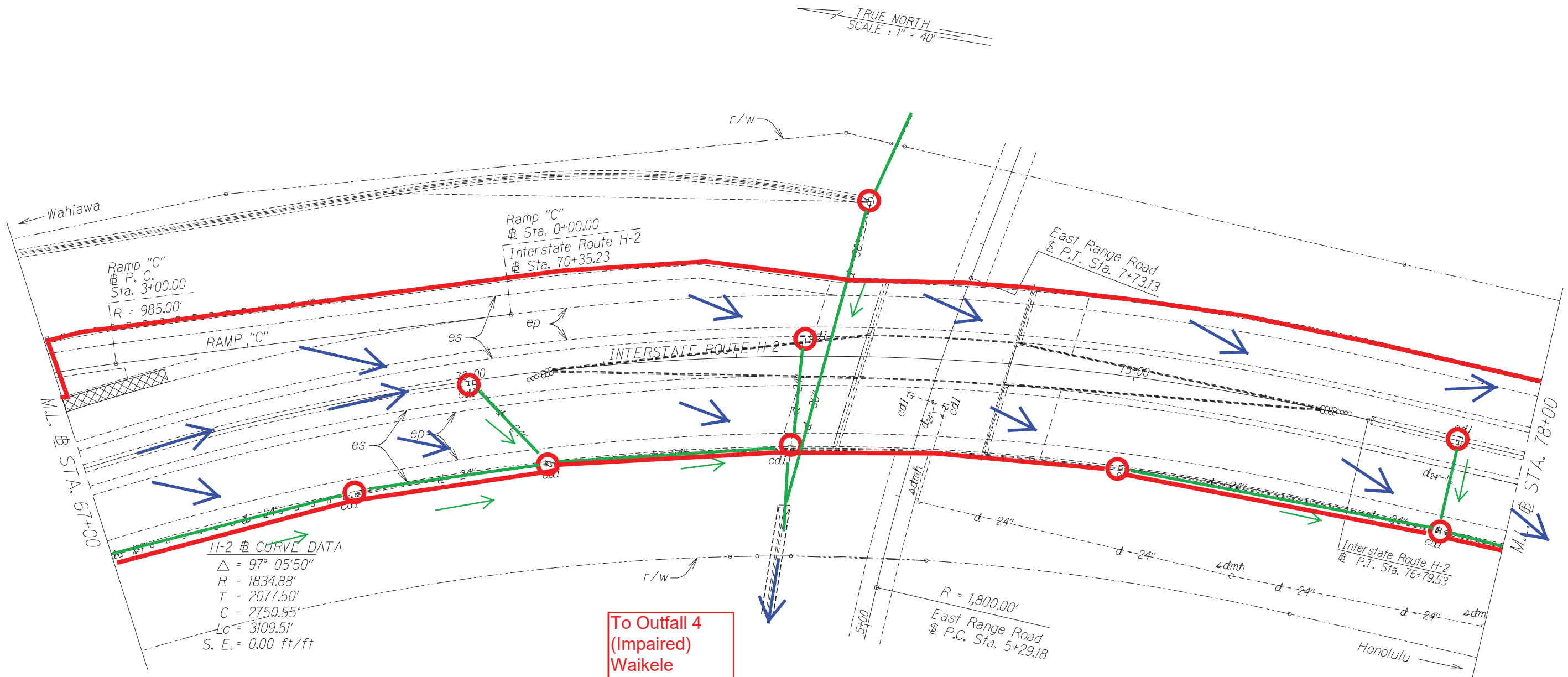
BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

SURVEY PLOTTED BY	DATE
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CHECKED BY	
INTEGRITY BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



LEGEND

Protect Inlet (Red Circle)

Perimeter Sediment Control (Blue Line)

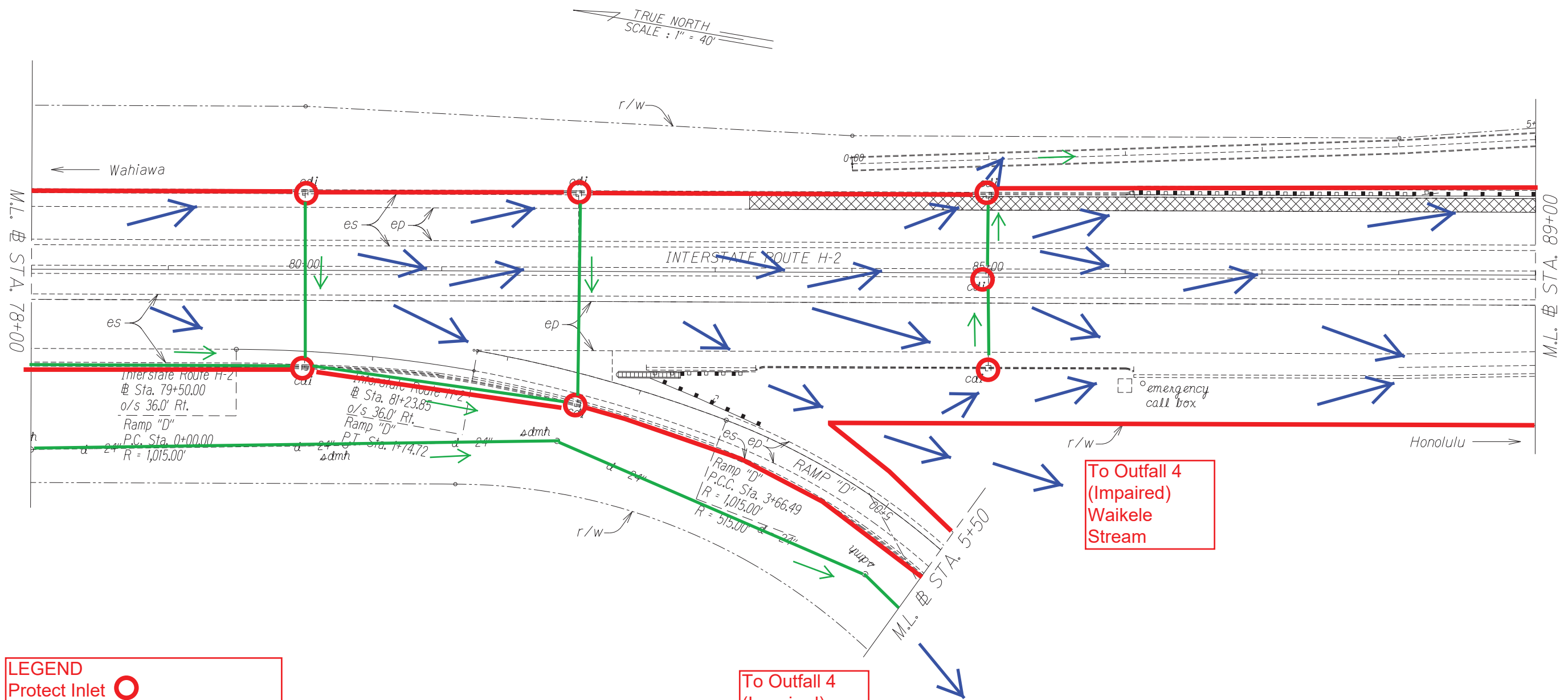
To Outfall 4
(Impaired)
Waikele
Stream

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



LEGEND

Protect Inlet 

Perimeter Sediment Control 

To Outfall 4
(Impaired)
Waikele
Stream

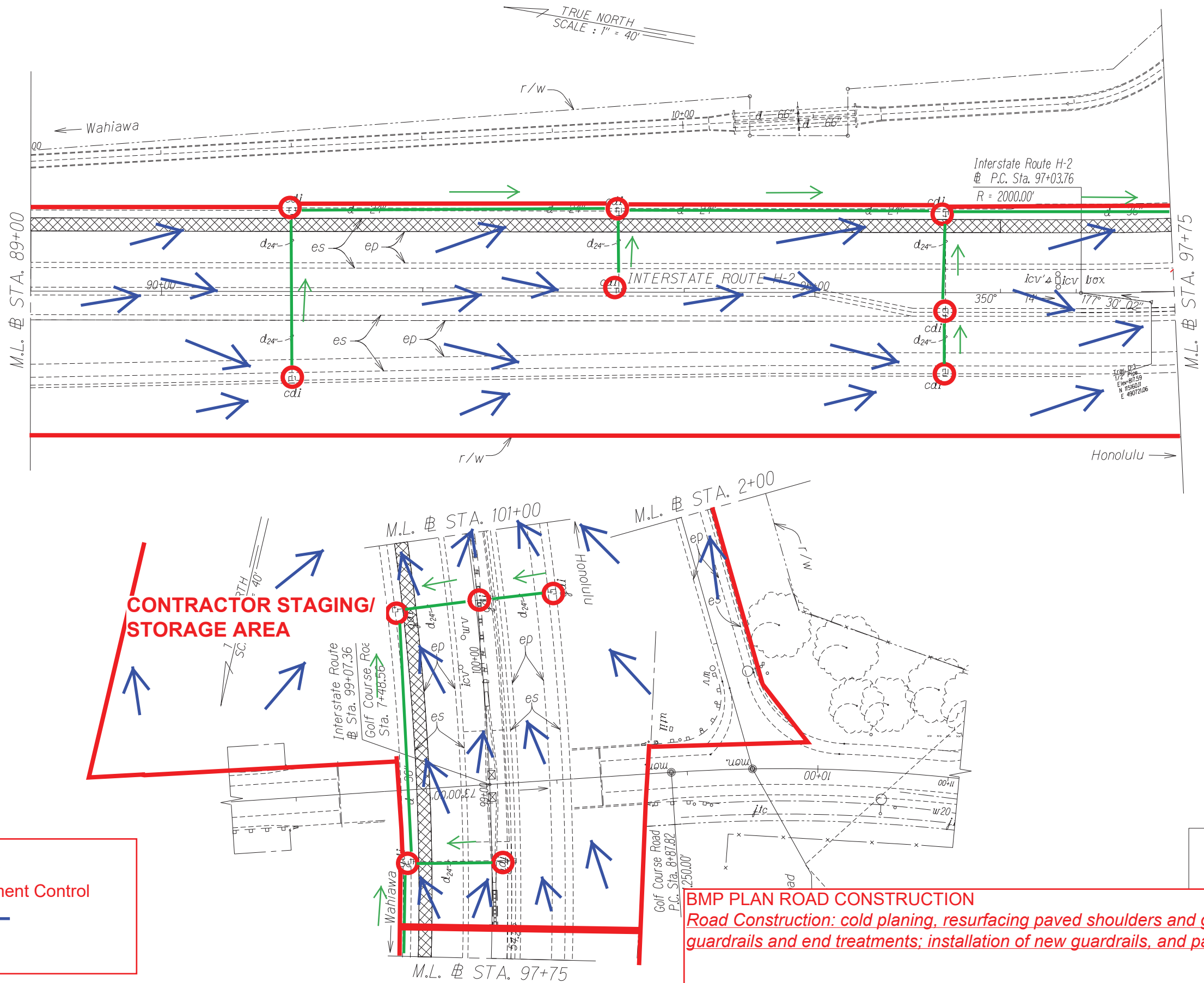
To Outfall 4
(Impaired)
Waikele
Stream

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



LEGEND

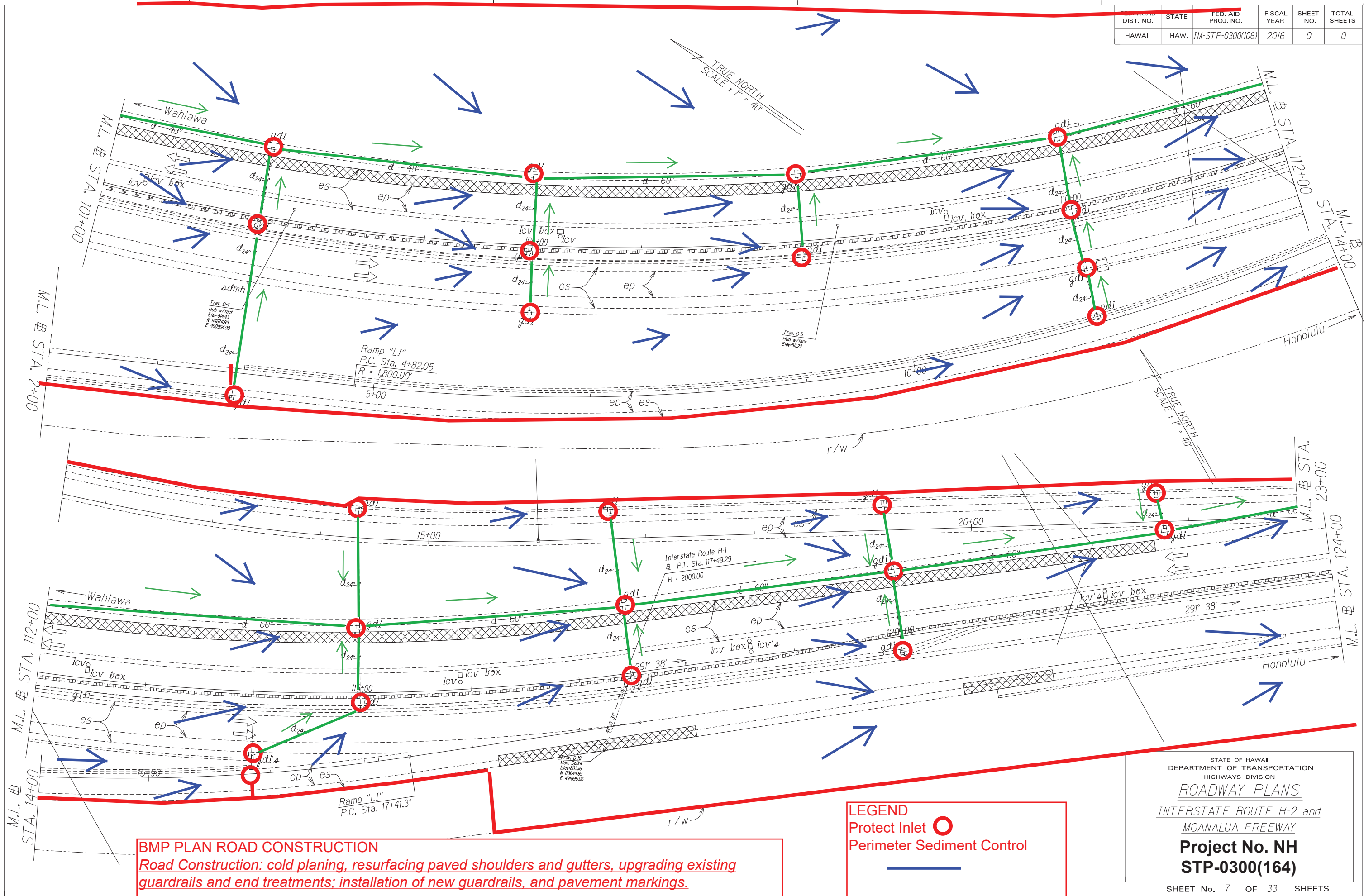
Protect Inlet 

Perimeter Sediment Control 

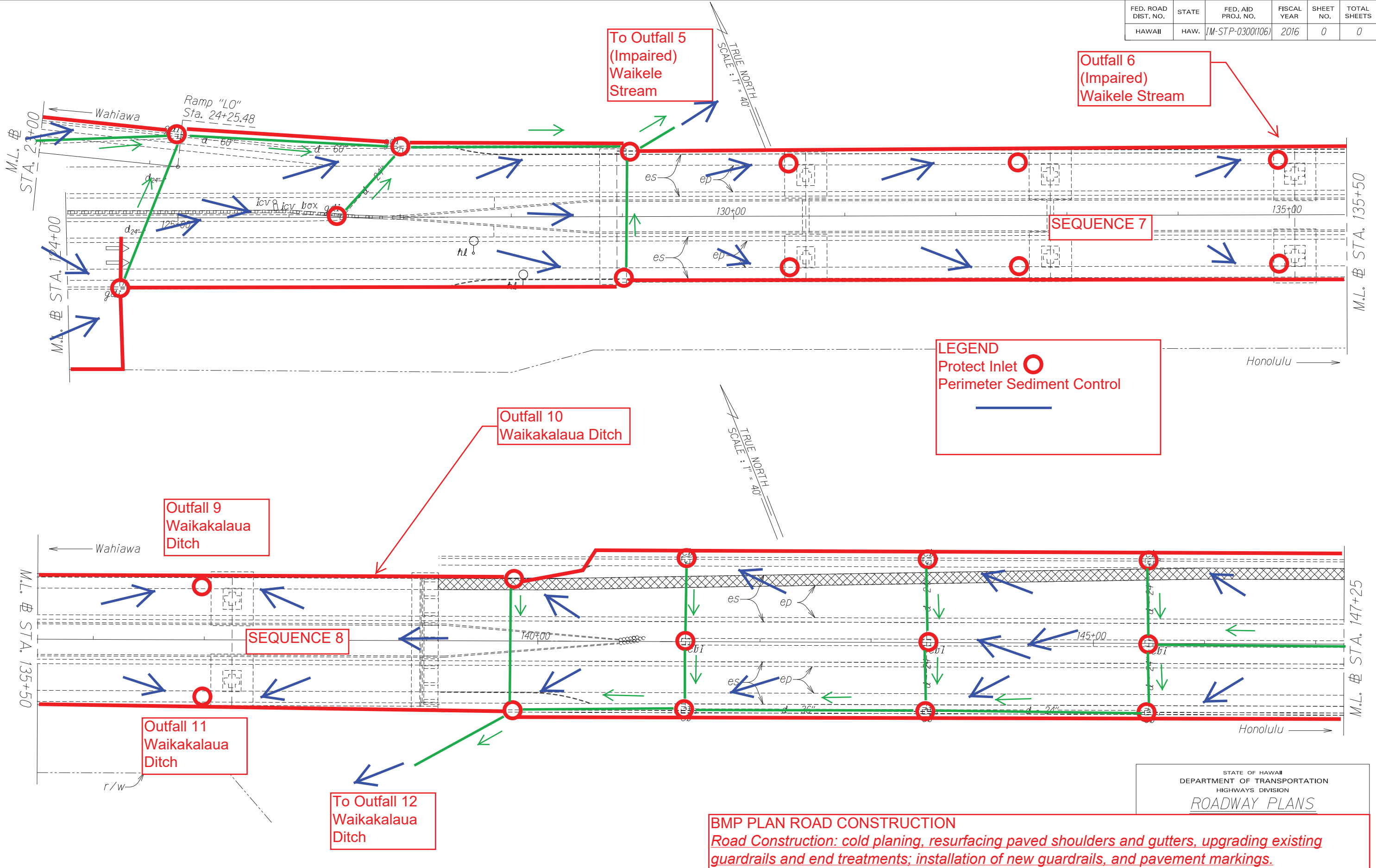
BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

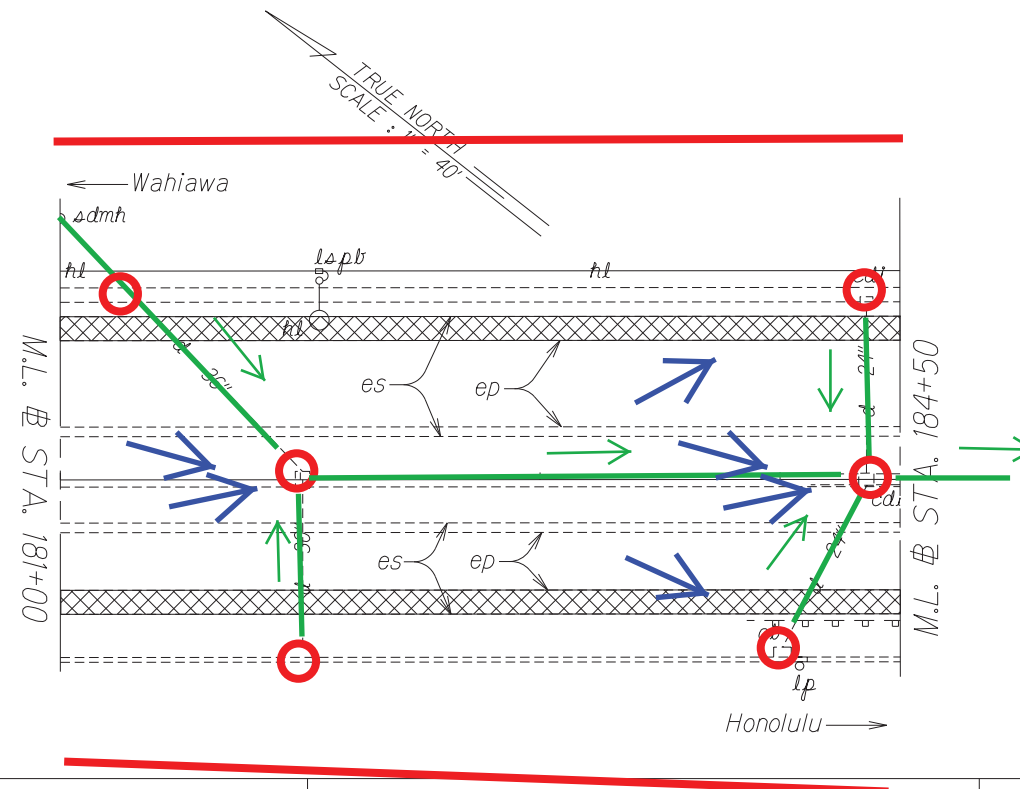
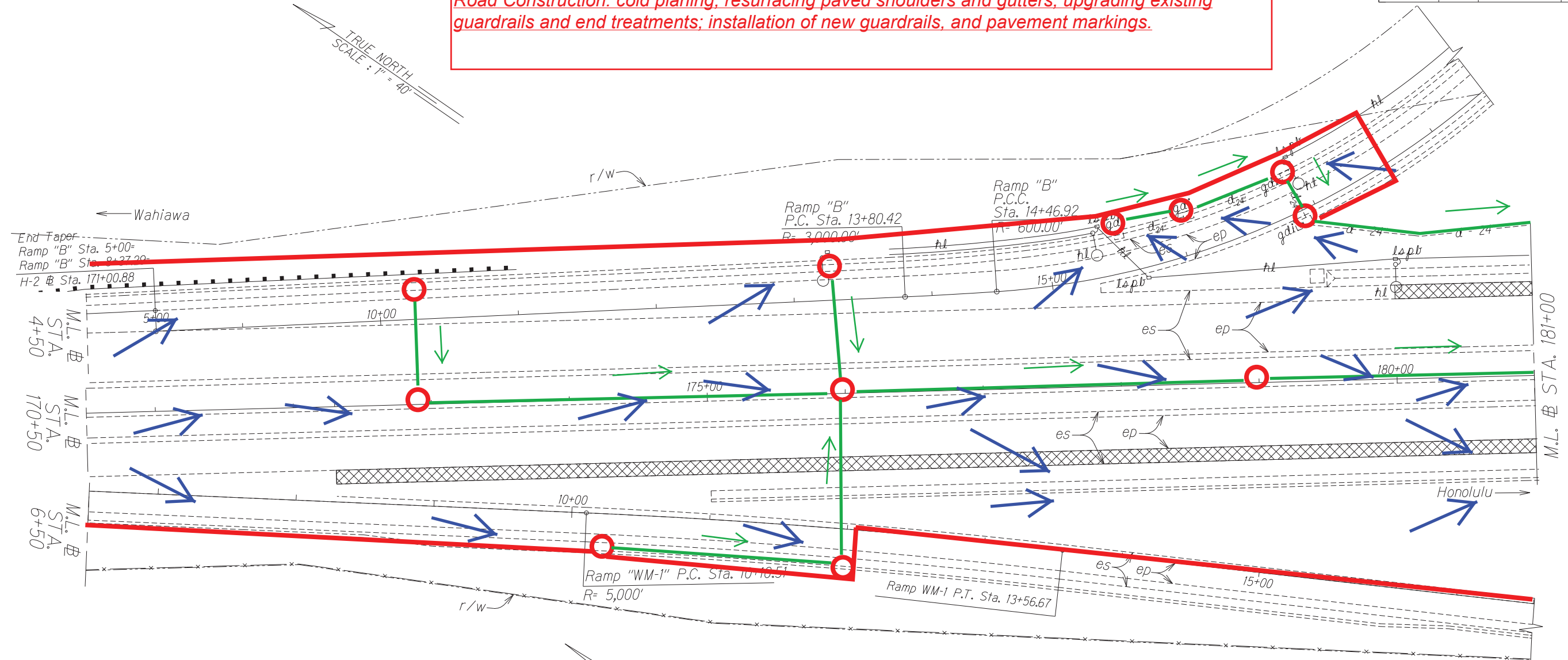


SURVEY PLOTTED BY	DATE
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INCHES BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

BMP PLAN ROAD CONSTRUCTION

Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.



LEGEND

Protect Inlet

Perimeter Sediment Control

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Project No. NH
STP-0300(164)

SHEET No. 10 OF 33 SHEETS

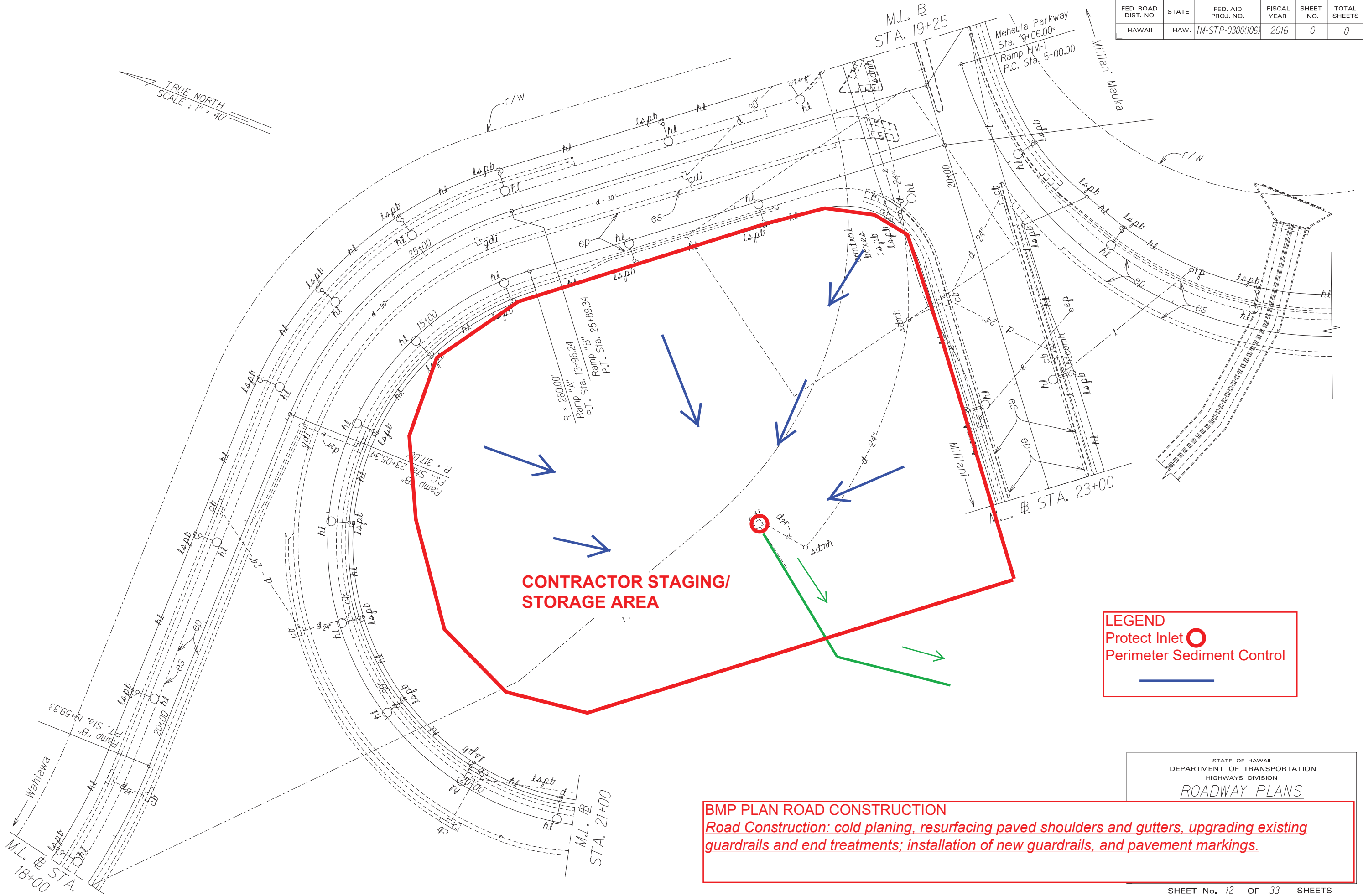
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ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
St. _____	CHECKED BY _____


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2016	0	0


TRUE NORTH
SCALE: 1" = 40'



**CONTRACTOR STAGING/
STORAGE AREA**

LEGEND

Protect Inlet 

Perimeter Sediment Control 

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

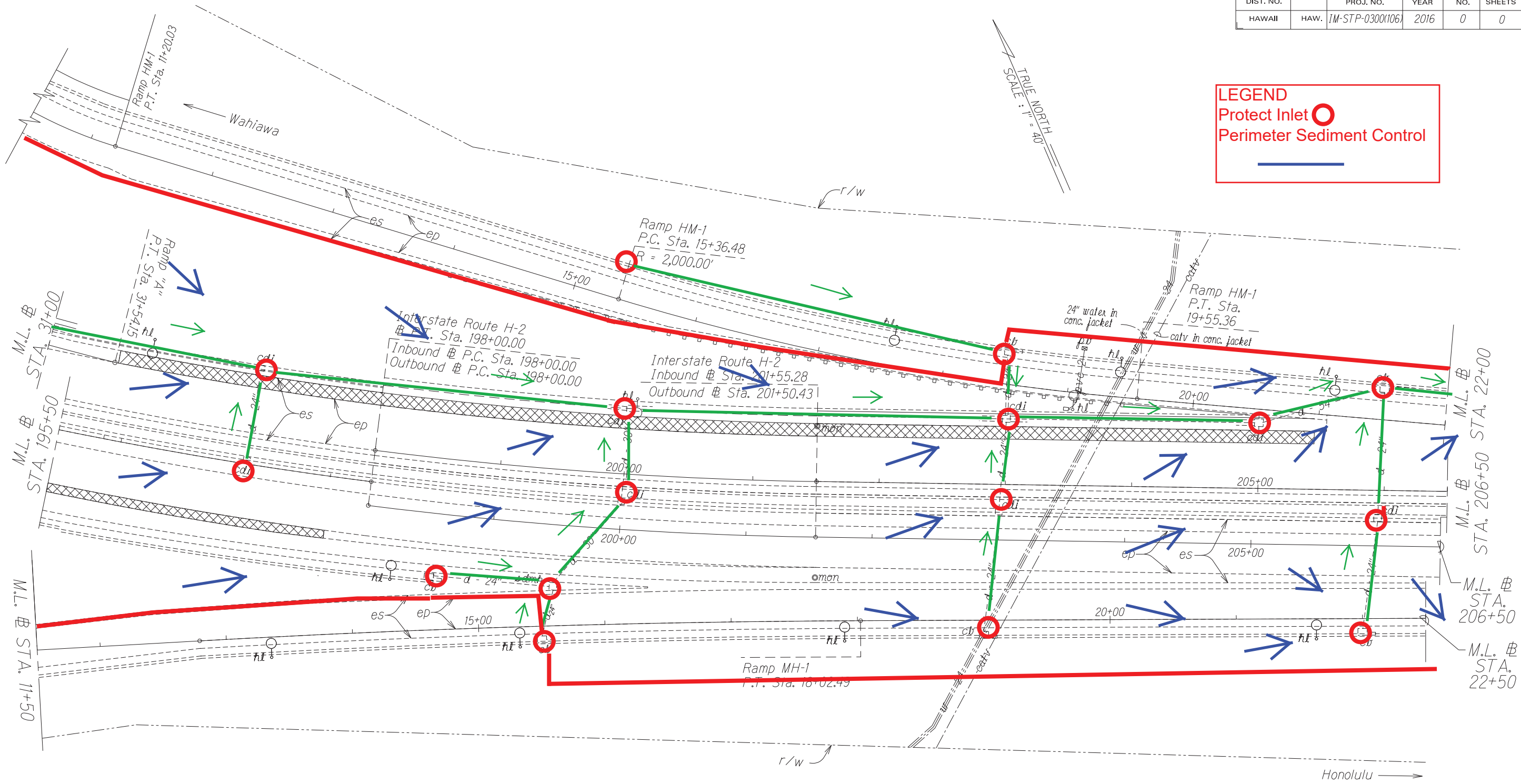
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

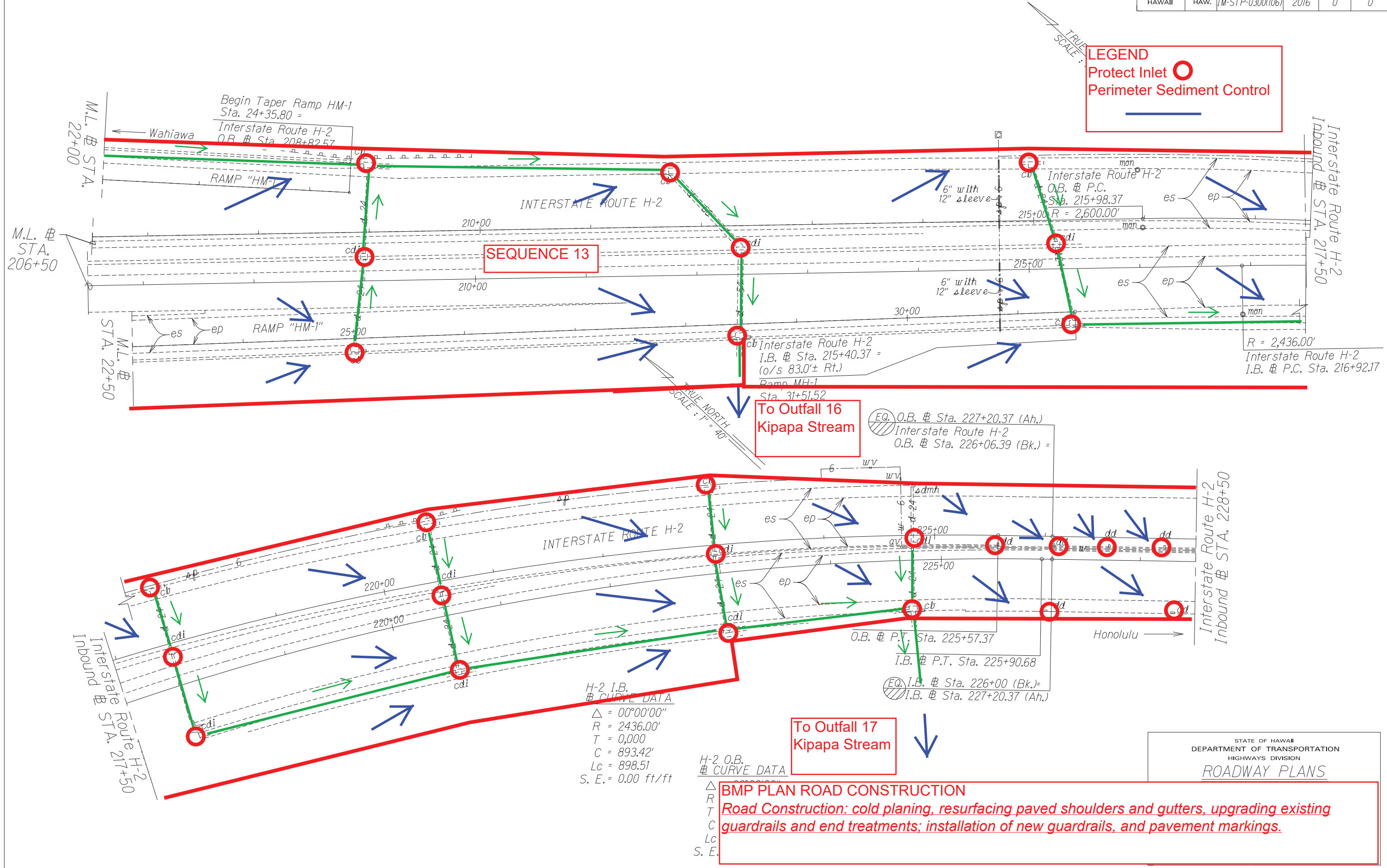
BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

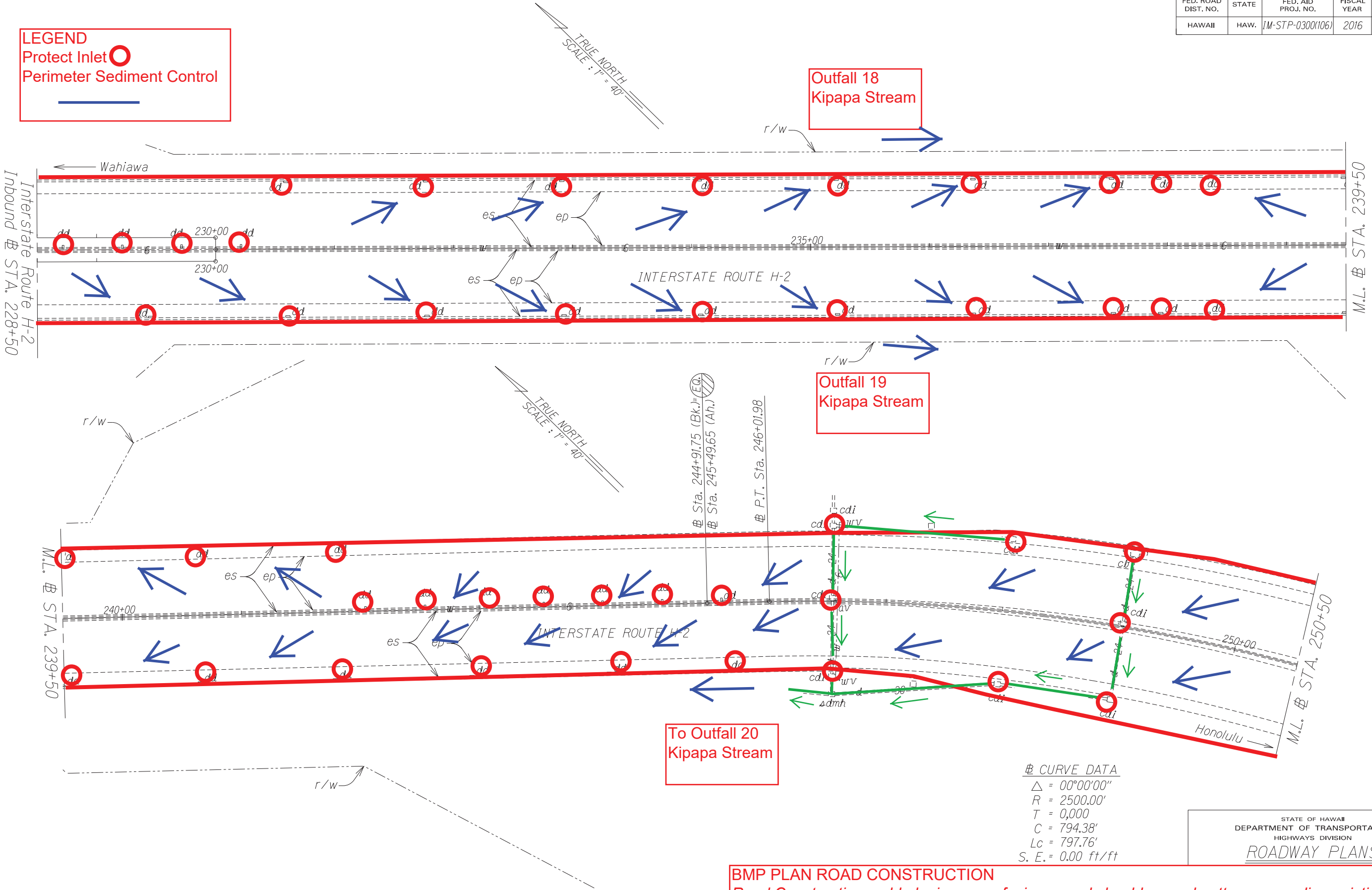
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANSBMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.ORIGINAL PLAN
DATE
DRAWN BY
CHECKED BY
NOTE BOOK
QUANTITIES BY
N.SHEET No. 14 OF 33 SHEETS
Date: June 23, 2016
00

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



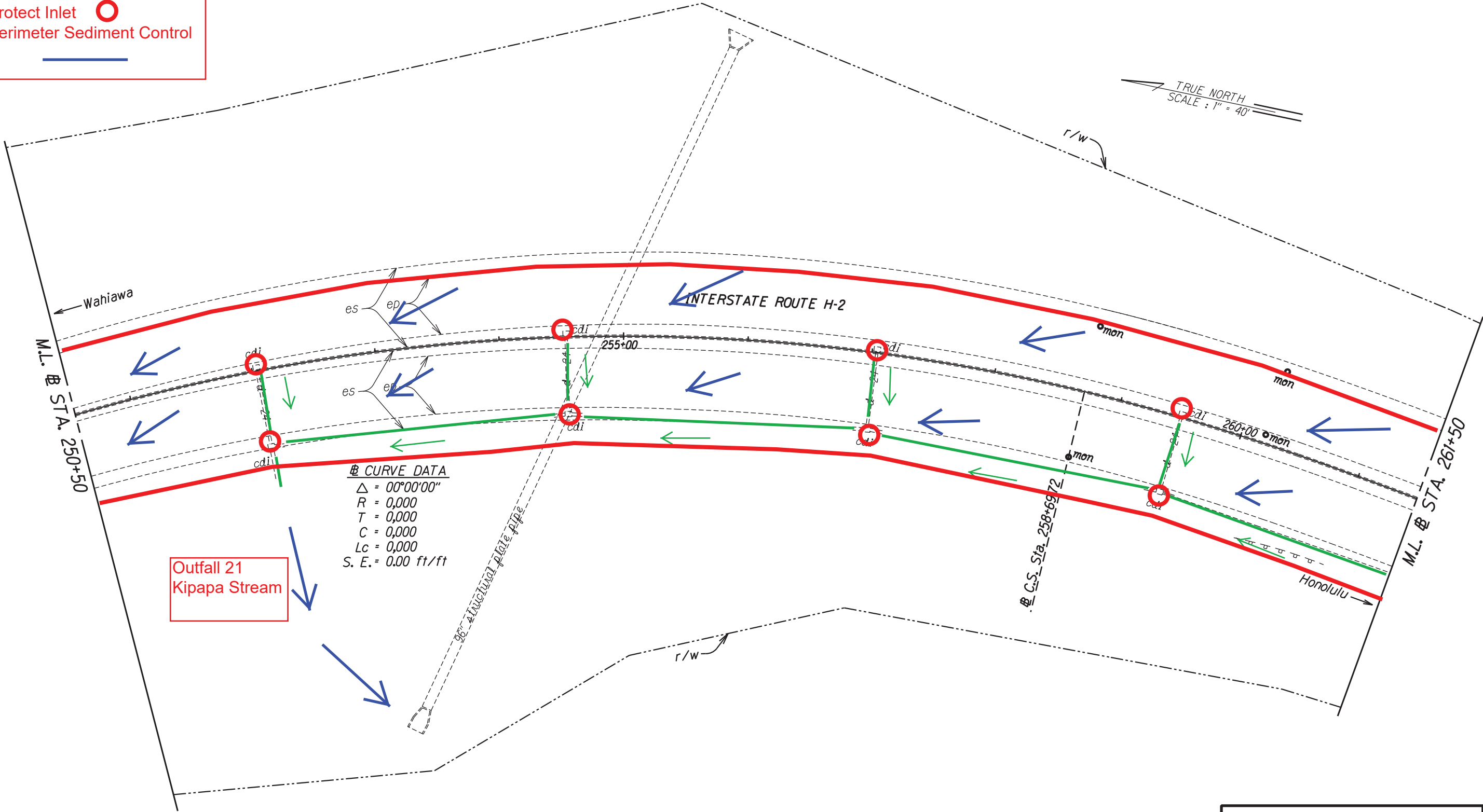
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



Outfall 21
Kipapa Stream

CURVE DATA
Δ = 00°00'00"
R = 0,000
T = 0,000
C = 0,000
Lc = 0,000
S. E. = 0.00 ft/ft

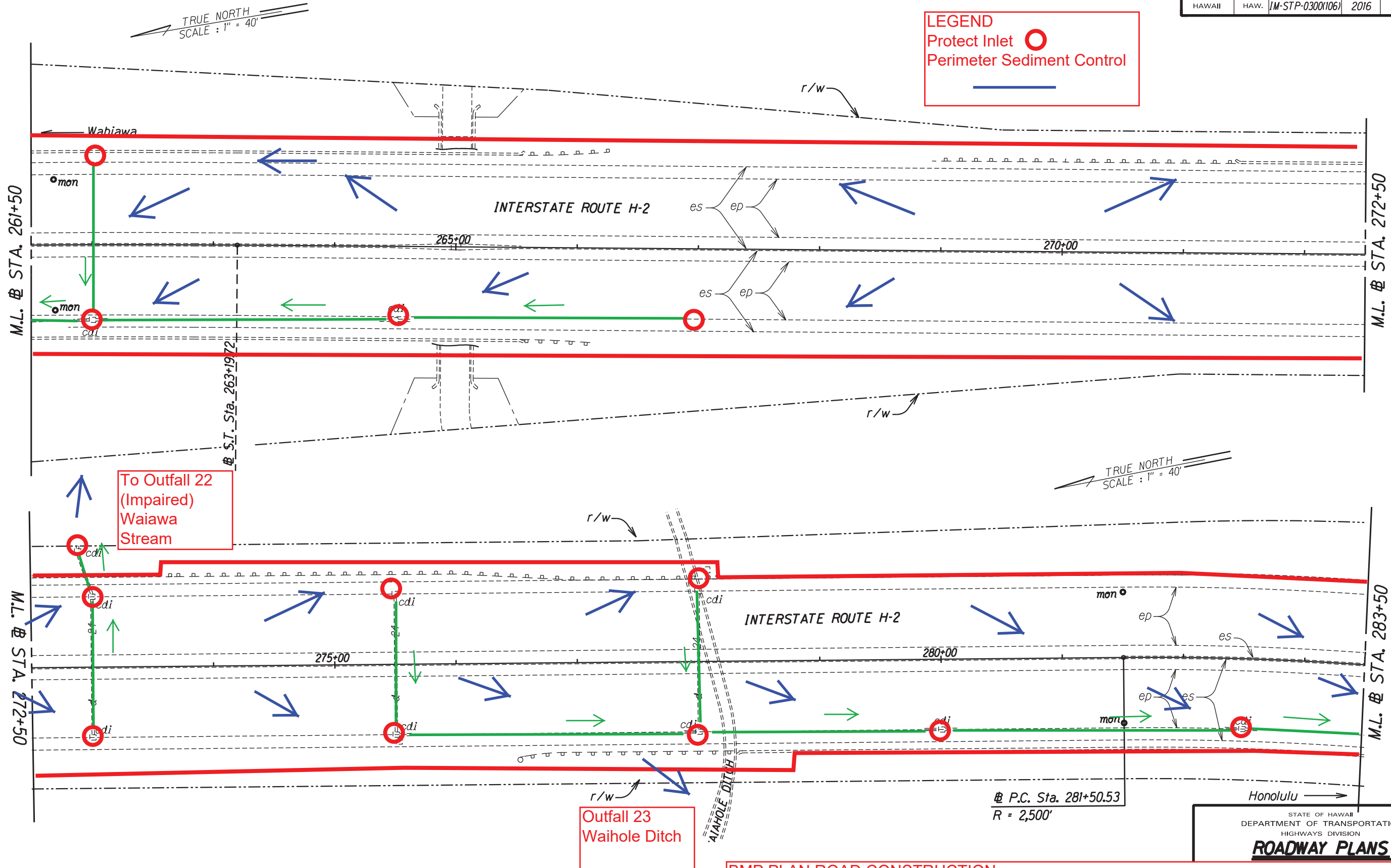
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

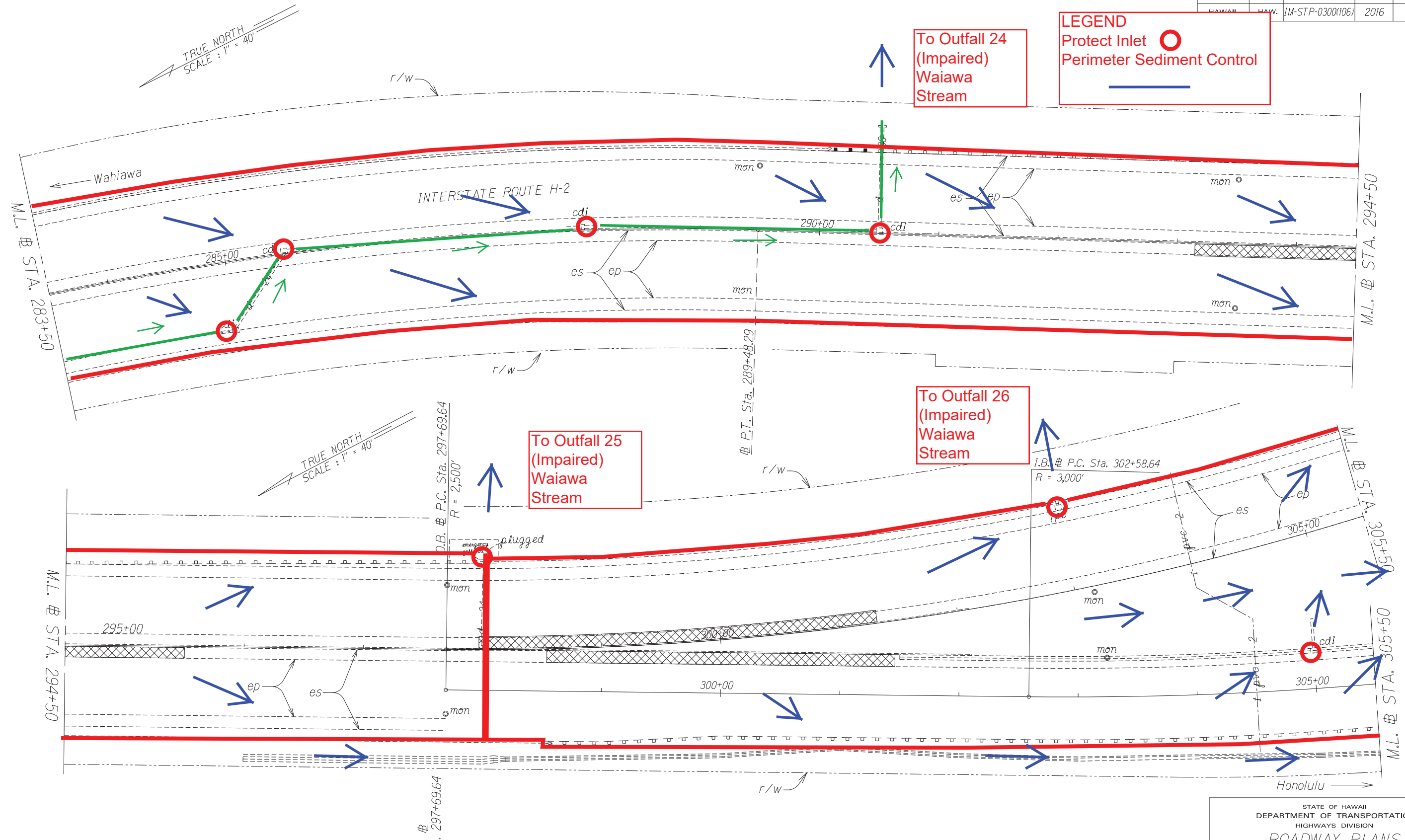
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
N _o .	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



BMP PLAN ROAD CONSTRUCTION

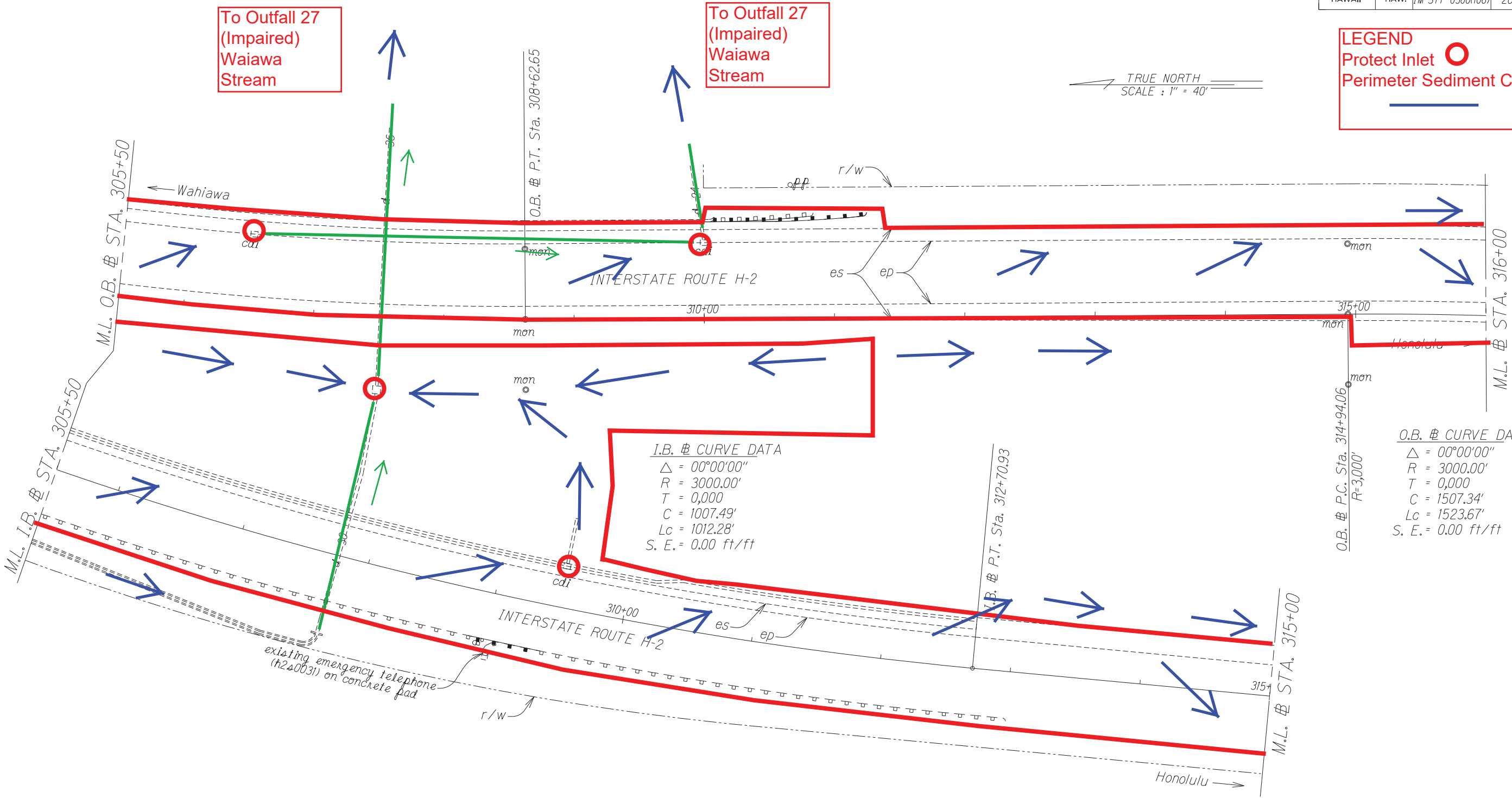
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

ORIGINAL PLAN	SURVEY PLOTTED BY _____ DATE _____
NOTE BOOK	DRAWN BY _____ *
	TRACED BY _____ *
	DESIGNED BY _____ *
	QUANTITIES BY _____ *
No. _____	CHECKED BY _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet 
Perimeter Sediment Control 

TRUE NORTH
SCALE : 1" = 40'



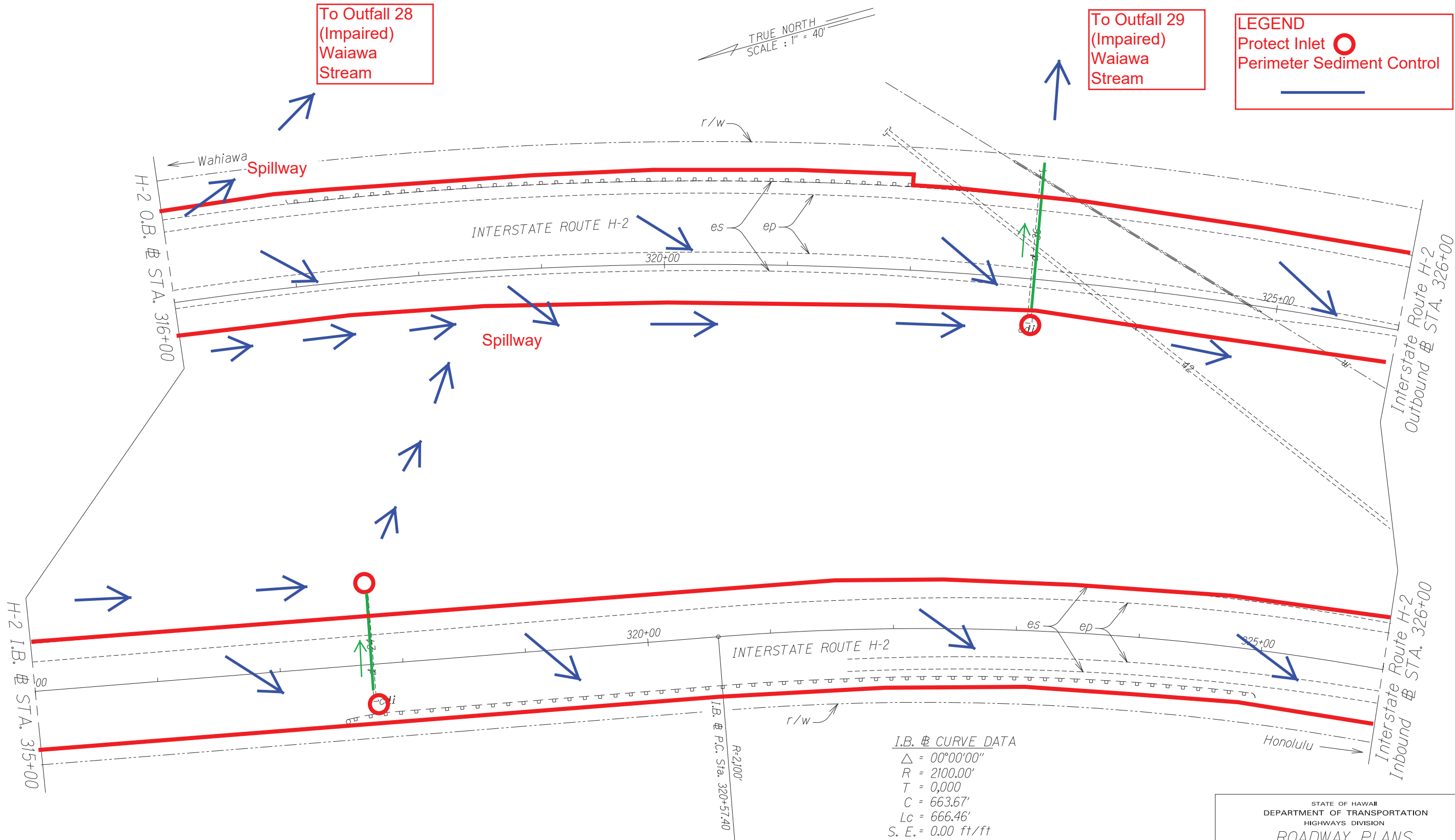
SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

ORIGINAL PLAN	DATE
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	
QUANTITIES BY	
NOTED BY	
CHECKED BY	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	
	N.	

I.B. # CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 2100.00'$
 $T = 0.000$
 $C = 663.67'$
 $Lc = 666.46'$
 $S. E. = 0.00 \text{ ft/ft}$

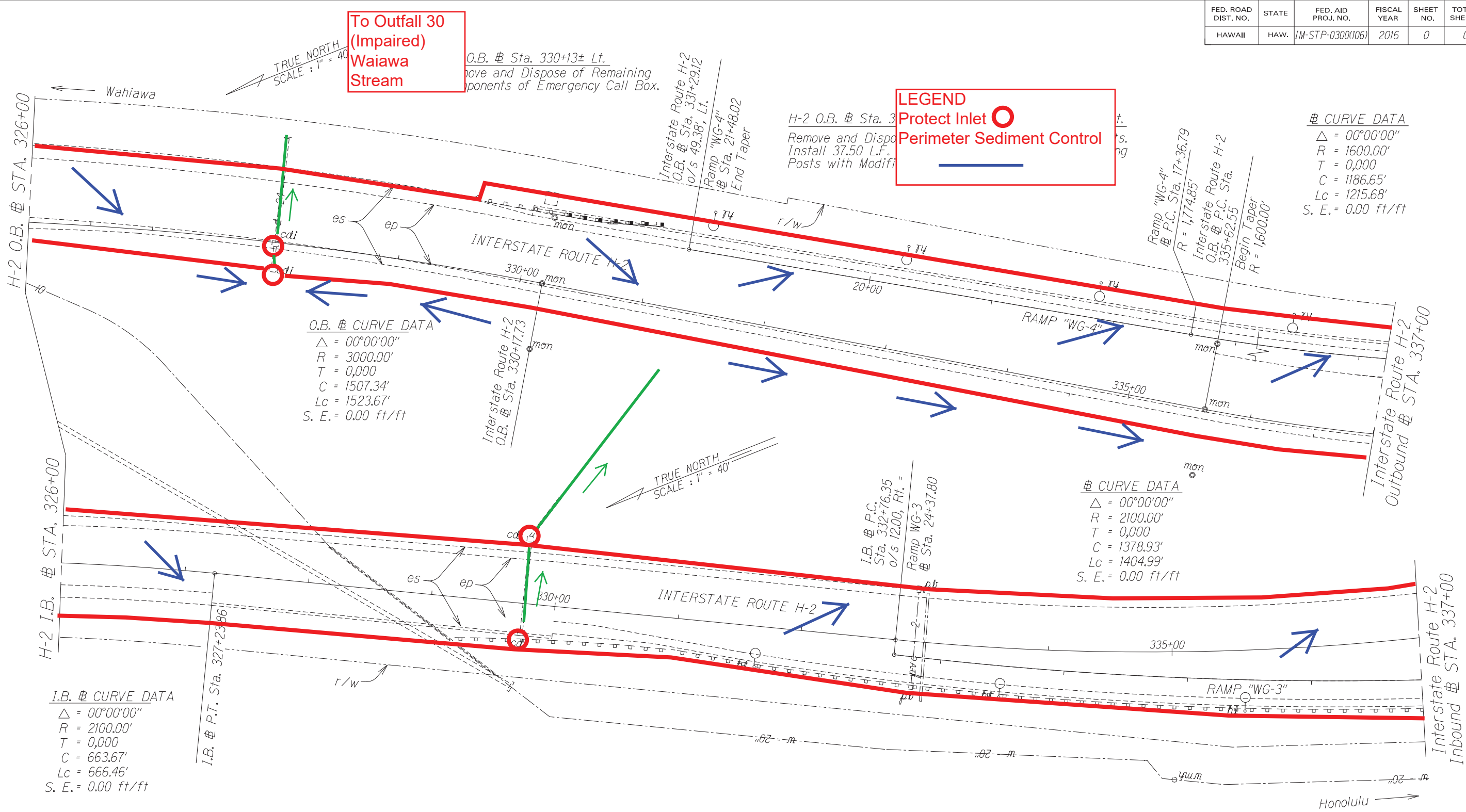
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 $T = 0.000$
 $C = 1507.34'$
 $Lc = 1523.67'$
 $S. E. = 0.00 \text{ ft/ft}$

CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 2100.00'$
 $T = 0.000$
 $C = 1378.93'$
 $Lc = 1404.99'$
 $S. E. = 0.00 \text{ ft/ft}$

CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 1600.00'$
 $T = 0.000$
 $C = 1186.65'$
 $Lc = 1215.68'$
 $S. E. = 0.00 \text{ ft/ft}$

LEGEND
Protect Inlet 
Perimeter Sediment Control 

To Outfall 30
(Impaired)
Waiawa
Stream



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet 

Perimeter Sediment Control 

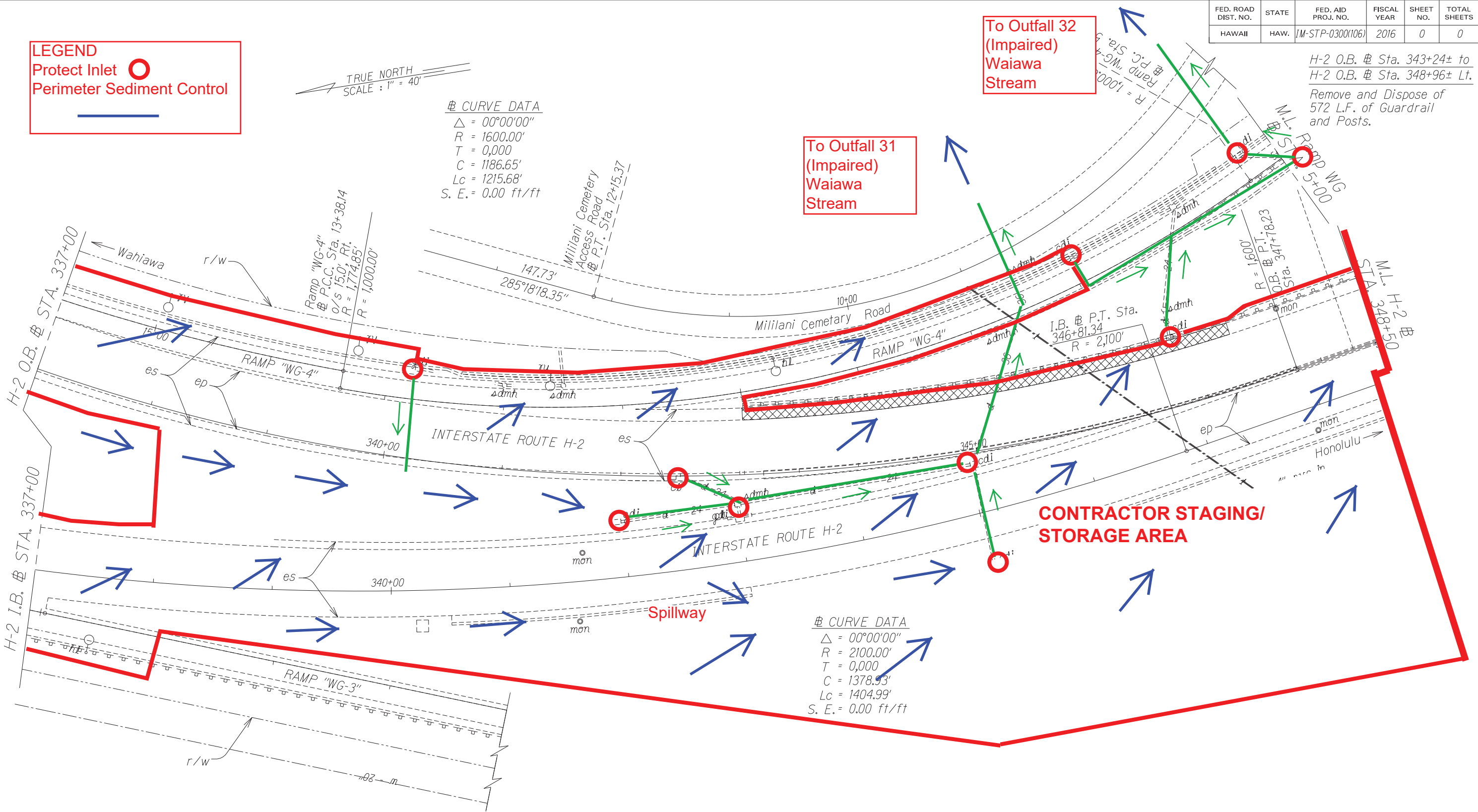
TRUE NORTH
SCALE : 1" = 40'

CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 1600.00'$
 $T = 0.000$
 $C = 1186.65'$
 $Lc = 1215.68'$
 $S. E. = 0.00 \text{ ft/ft}$

To Outfall 32
(Impaired)
Waiawa
Stream

To Outfall 31
(Impaired)
Waiawa
Stream

H-2 O.B. @ Sta. 343+24± to
H-2 O.B. @ Sta. 348+96± Lt.
Remove and Dispose of
572 L.F. of Guardrail
and Posts.



CONTRACTOR STAGING/
STORAGE AREA

CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 2100.00'$
 $T = 0.000$
 $C = 1378.93'$
 $Lc = 1404.99'$
 $S. E. = 0.00 \text{ ft/ft}$

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

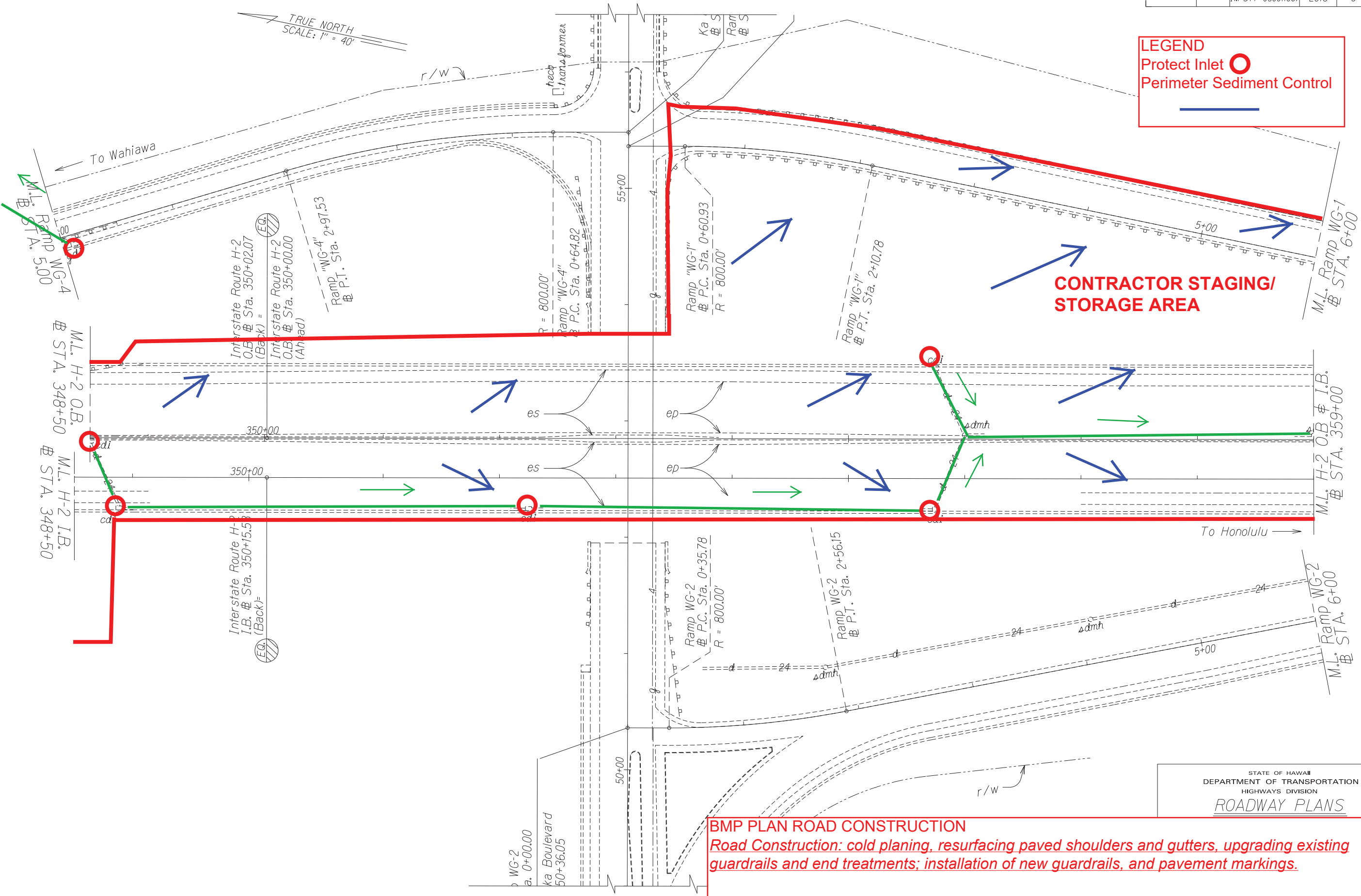
BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet 

Perimeter Sediment Control 



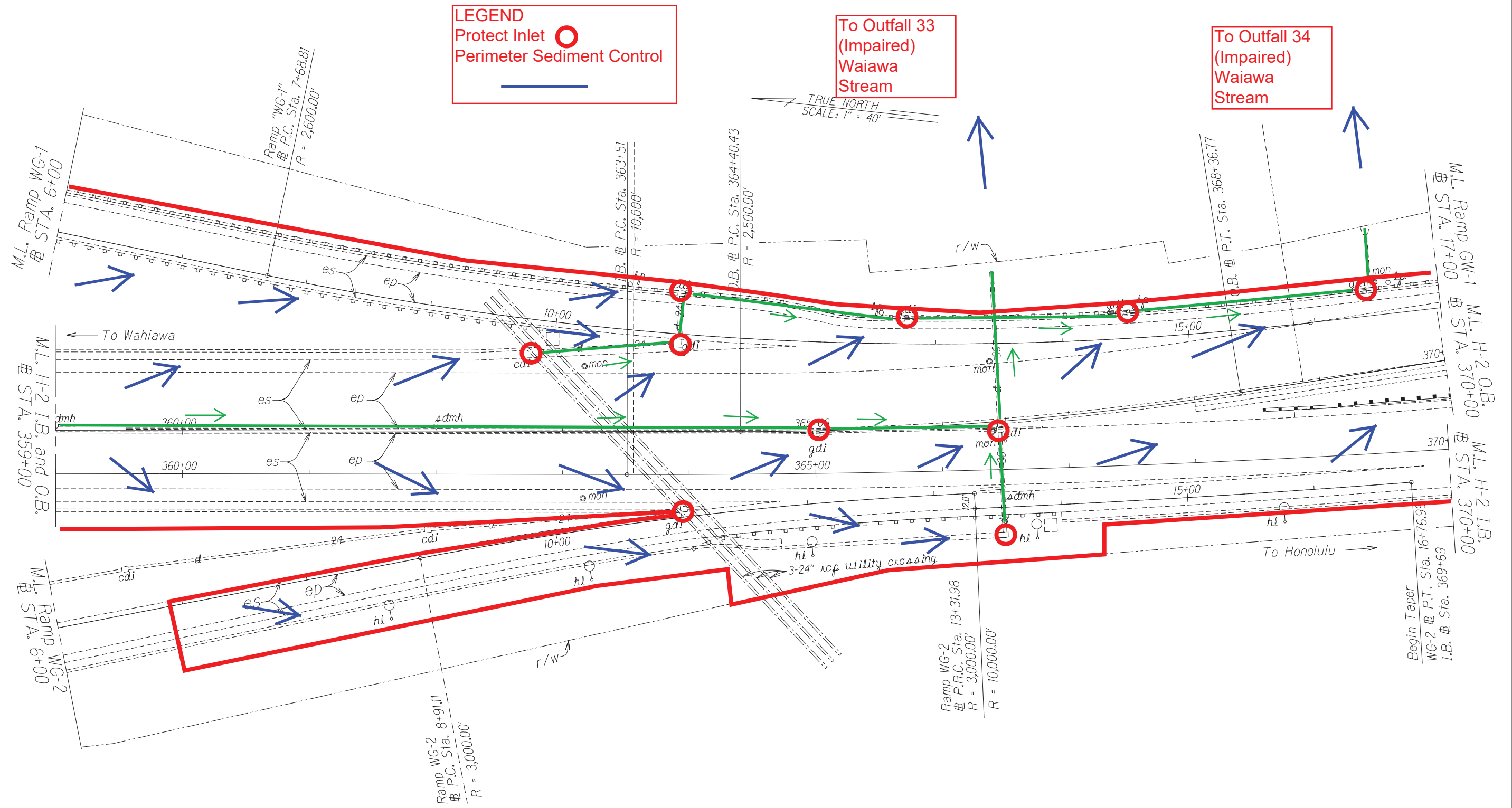
CONTRACTOR STAGING/
STORAGE AREA

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

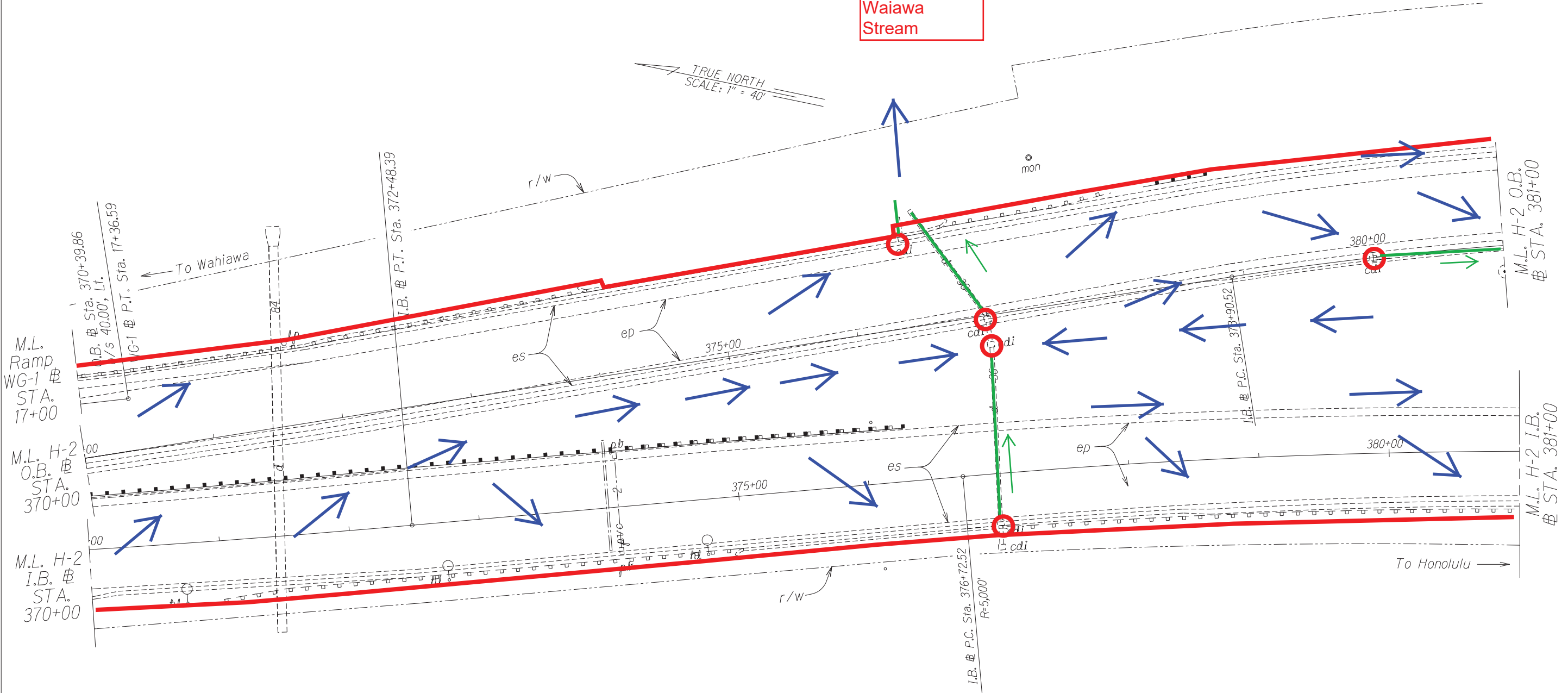
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

To Outfall 35
(Impaired)
Waiawa
Stream



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION

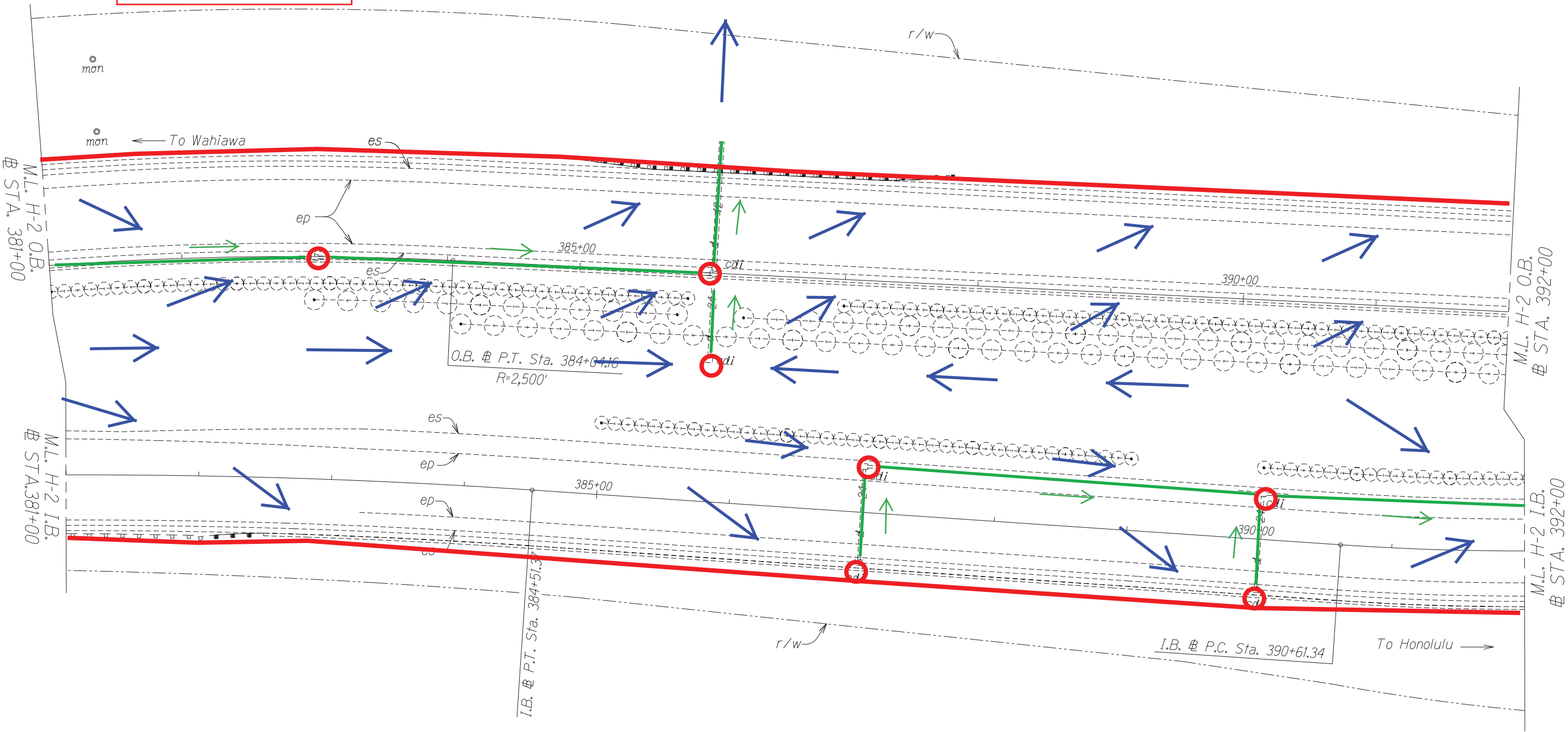
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet 
Perimeter Sediment Control 

To Outfall 36
(Impaired)
Waiawa
Stream

TRUE NORTH
SCALE: 1" = 40'

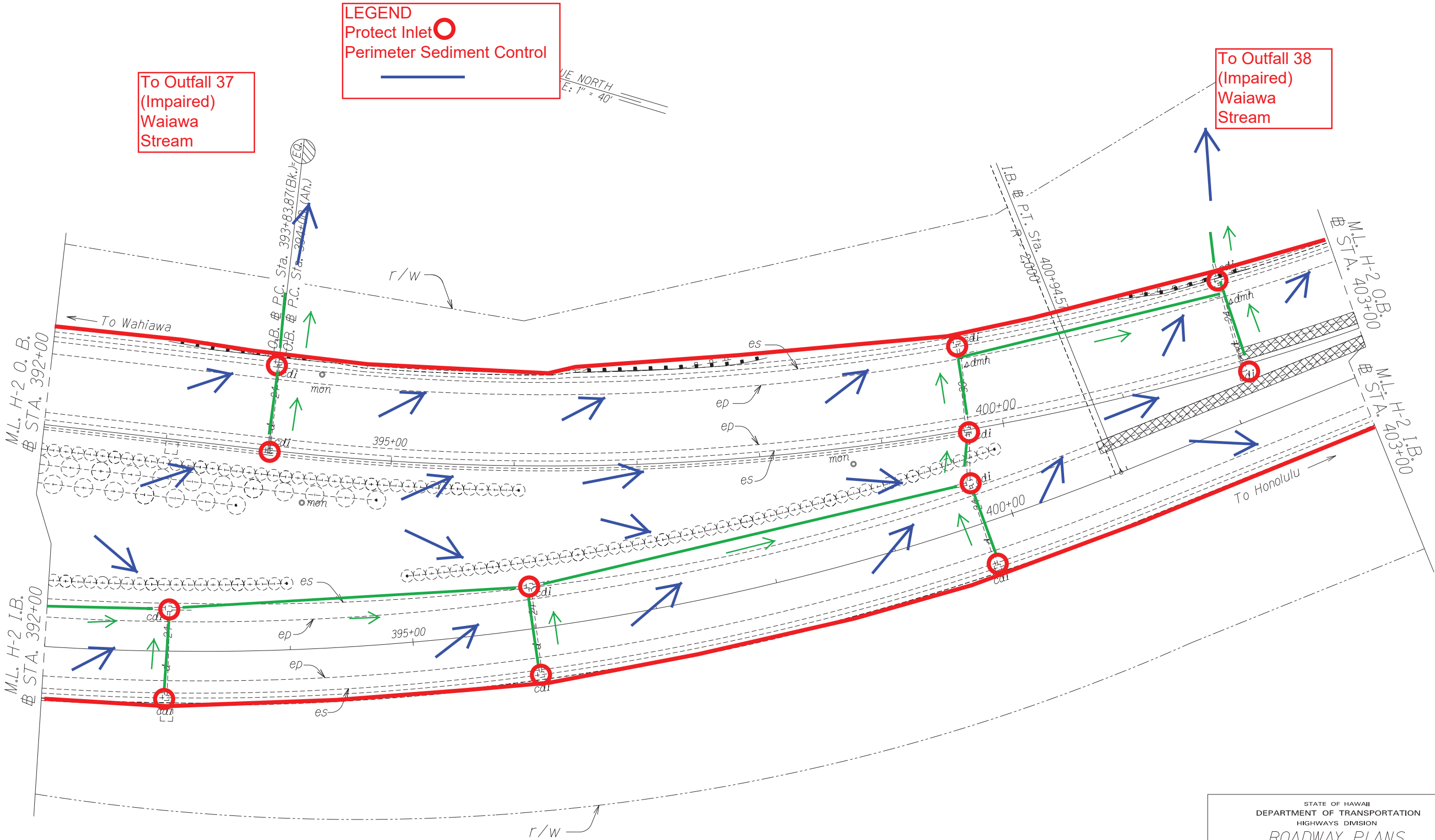


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	



BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

TRUE NORTH
SCALE: 1" = 40'

To Outfall 41
Unnamed
Gulch

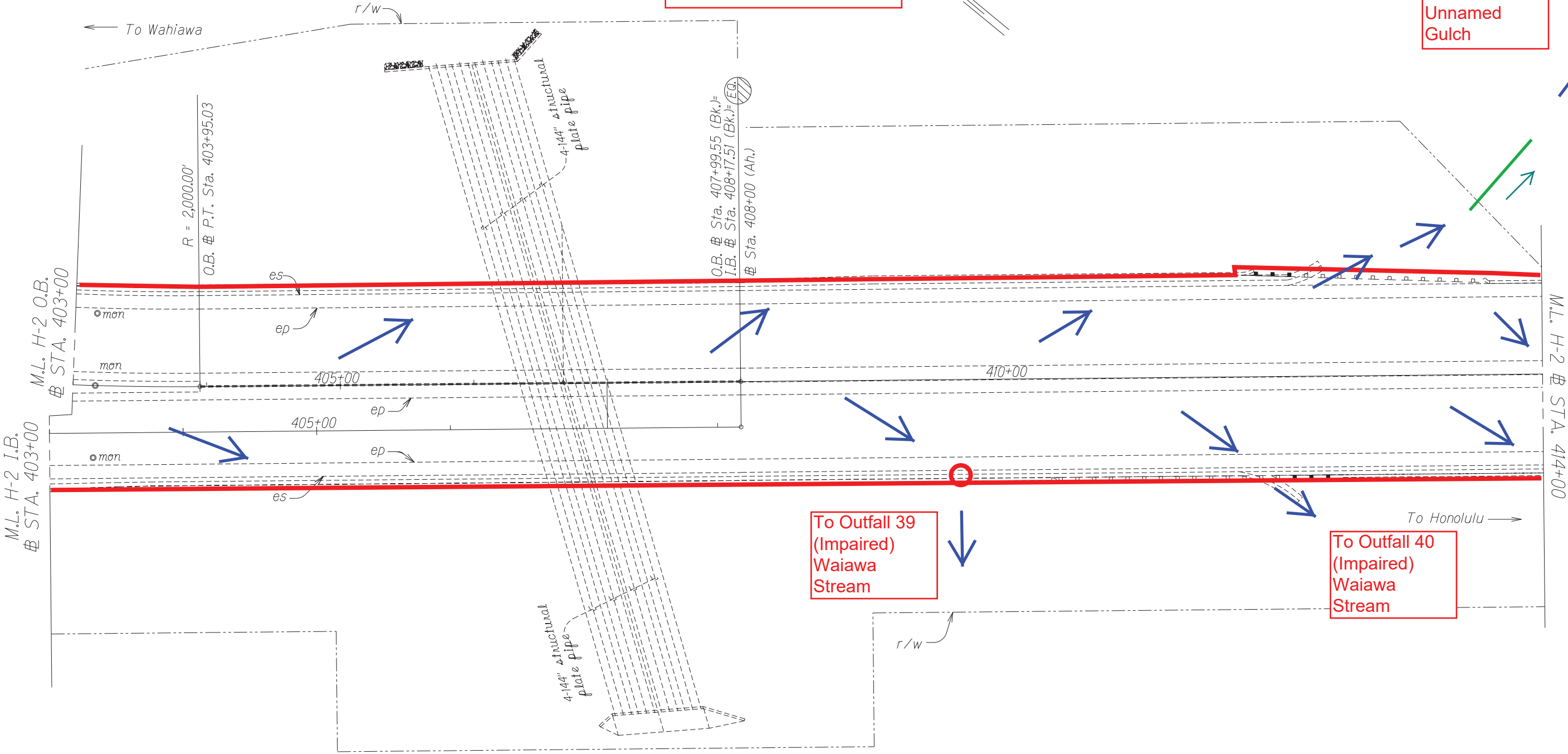
To Outfall 39
(Impaired)
Waiawa
Stream

To Outfall 40
(Impaired)
Waiawa
Stream

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

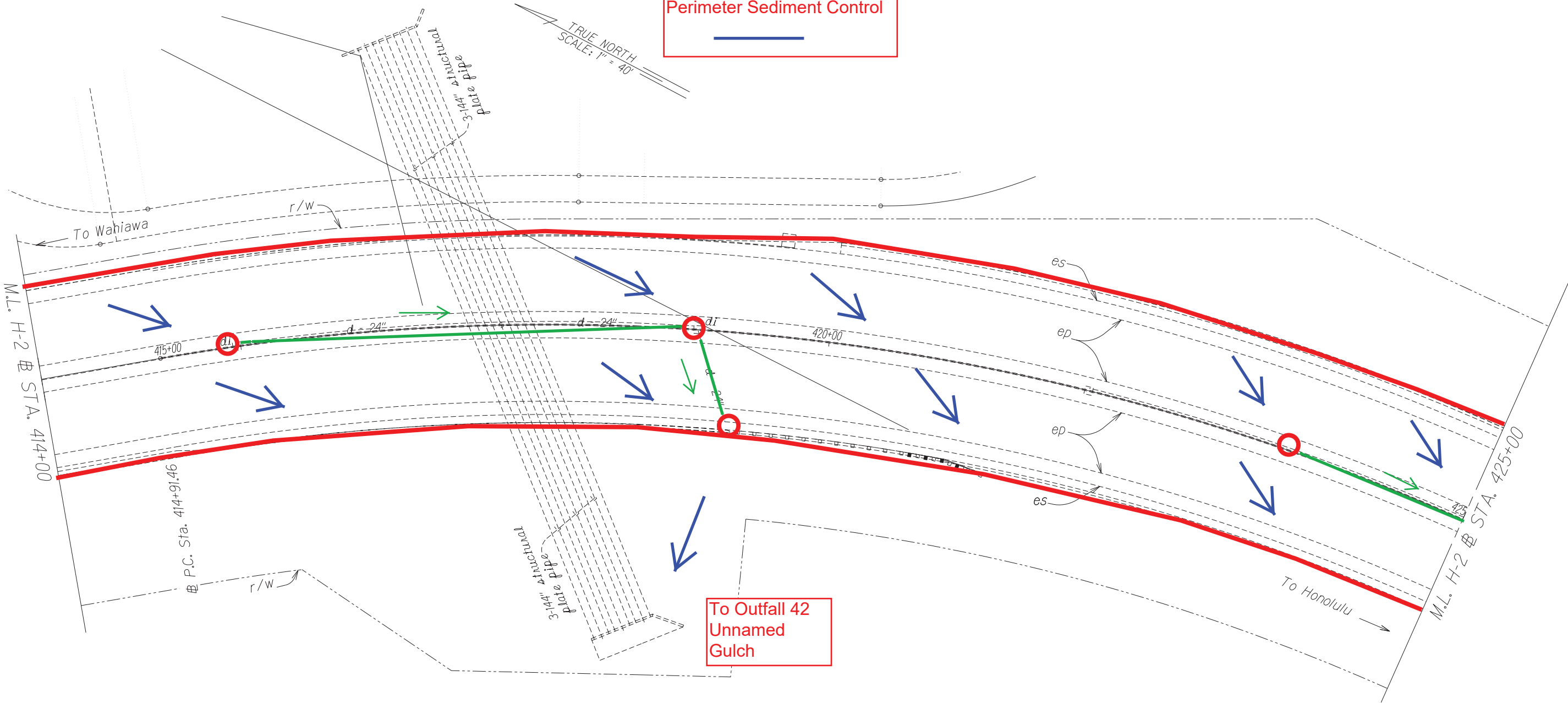
BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	



FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet ○
Perimeter Sediment Control —



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N ₁	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

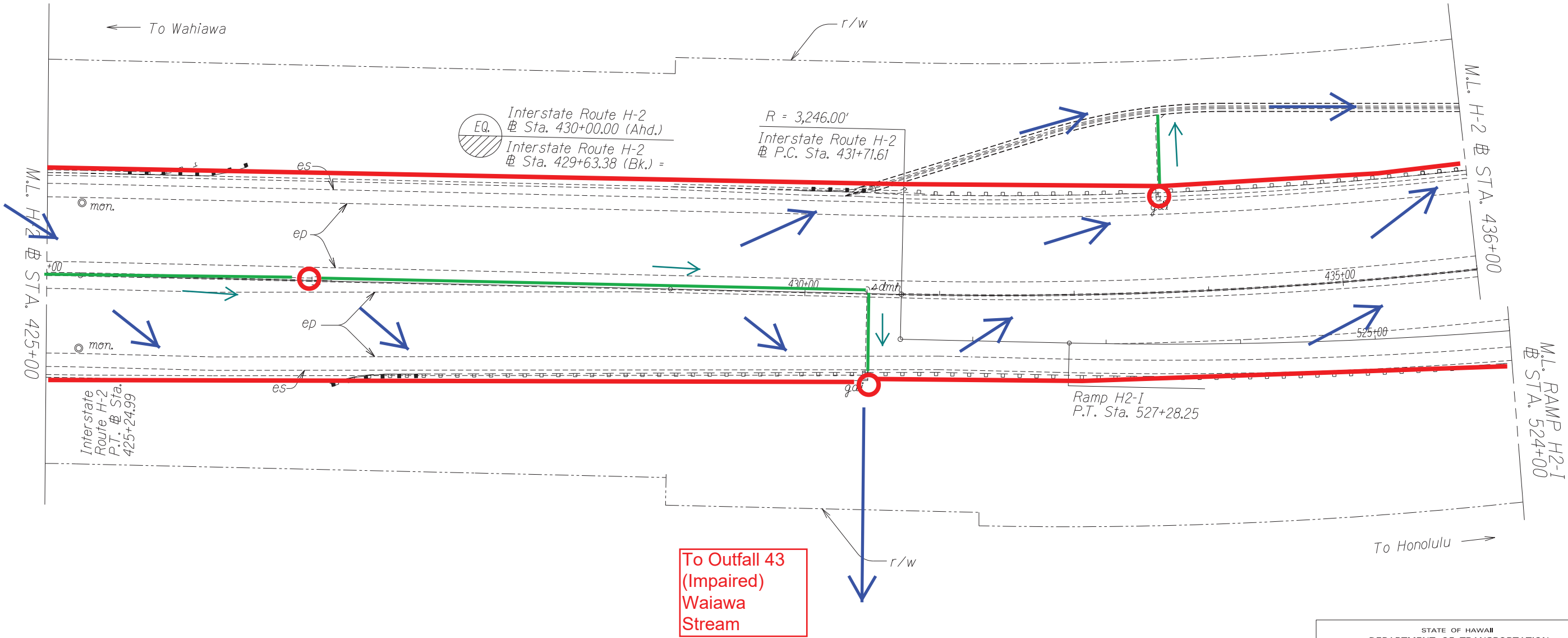
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet 

Perimeter Sediment Control 

TRUE NORTH
SCALE: 1" = 40'



SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
N.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

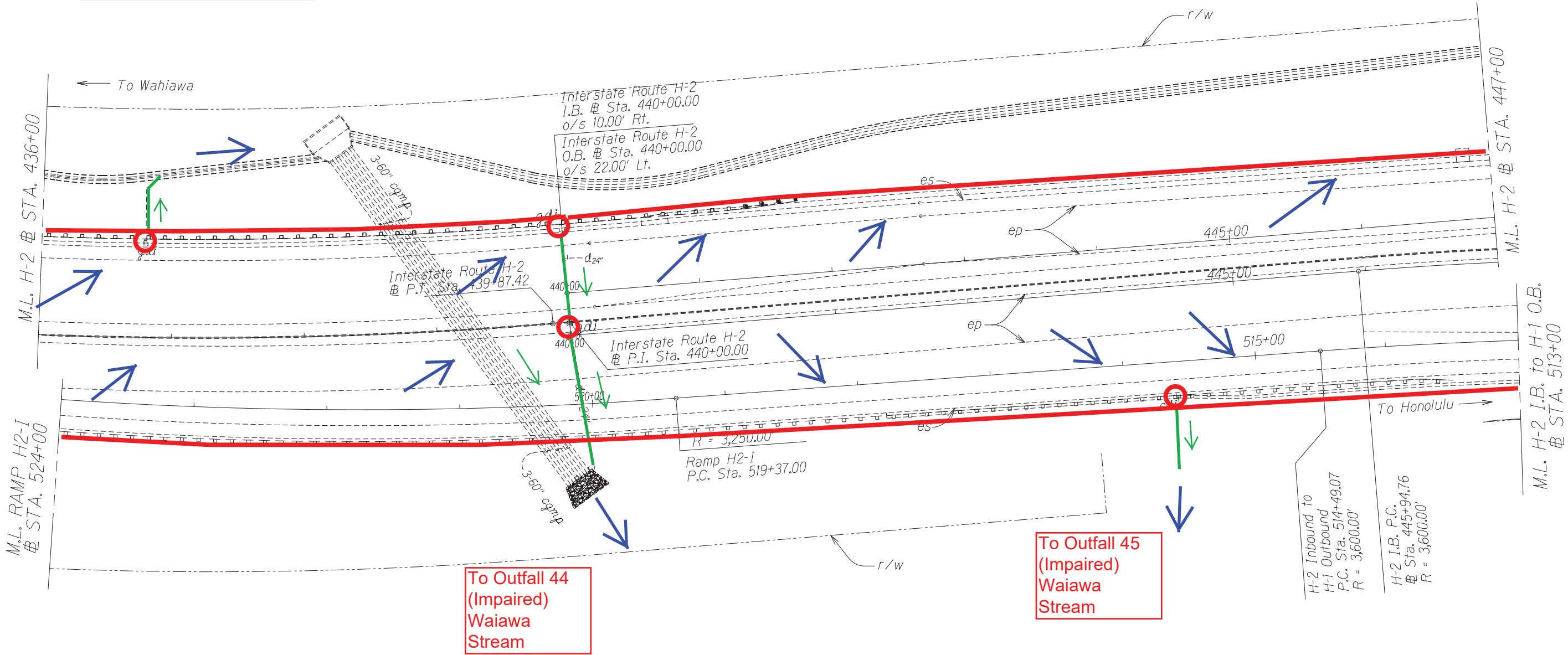
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

TRUE NORTH
SCALE: 1" = 40'



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

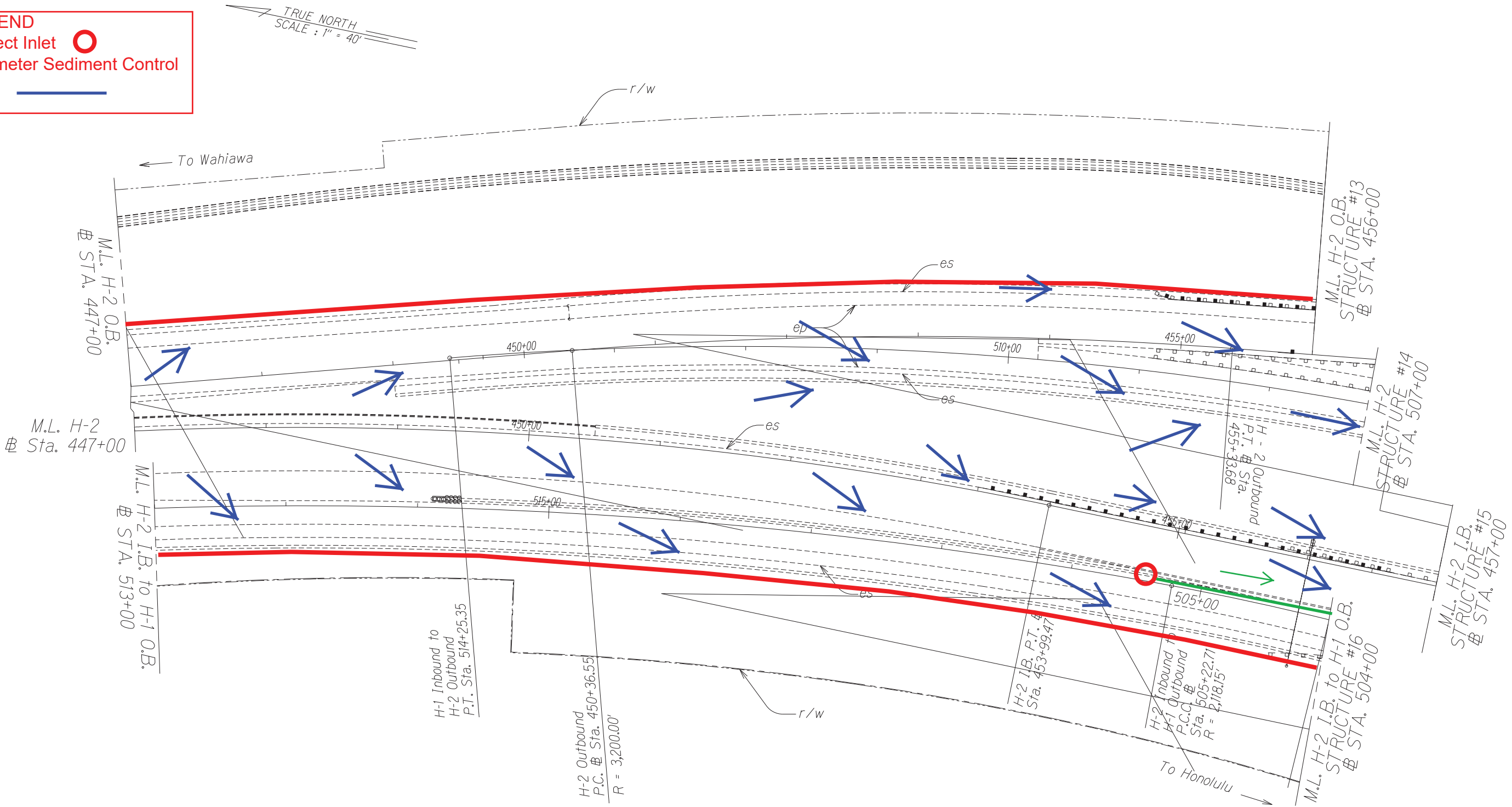
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND
Protect Inlet ○
Perimeter Sediment Control —

TRUE NORTH
SCALE : 1" = 40'

Outfall 49
(Impaired)
Waiawa Stream

Outfall 47
(Impaired)
Waiawa Stream

Outfall 46
(Impaired)
Waiawa Stream

Outfall 50
(Impaired)
Waiawa Stream

Outfall 48
(Impaired)
Waiawa Stream

CONTRACTOR STAGING/
STORAGE AREA

BMP PLAN ROAD CONSTRUCTION
Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

To Outfall 51
(Impaired)
Waiawa
Stream

To Outfall 52
(Impaired)
Waiawa
Stream

CONTRACTOR STAGING/
STORAGE AREA

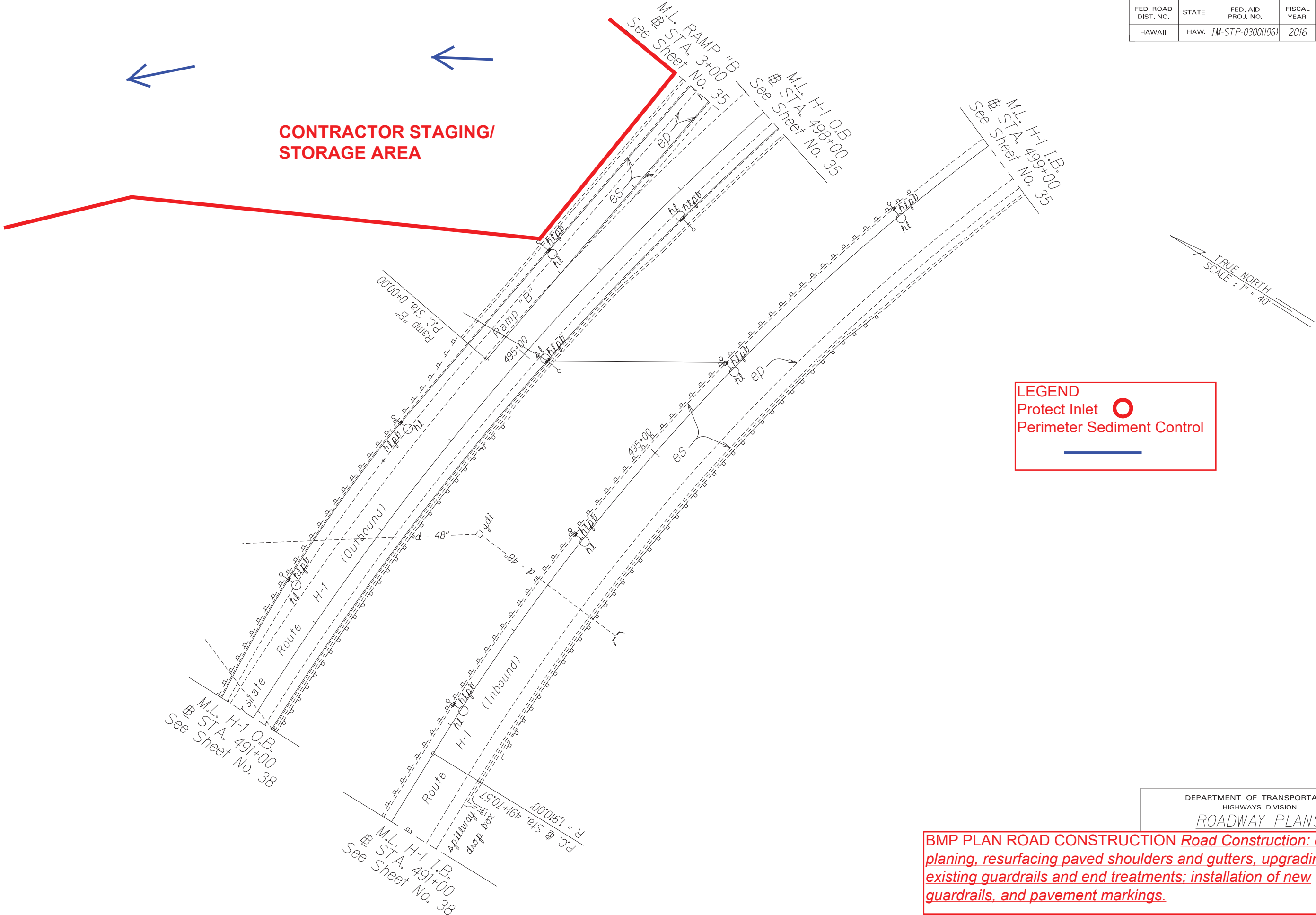
BMP PLAN ROAD CONSTRUCTION *Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.*

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

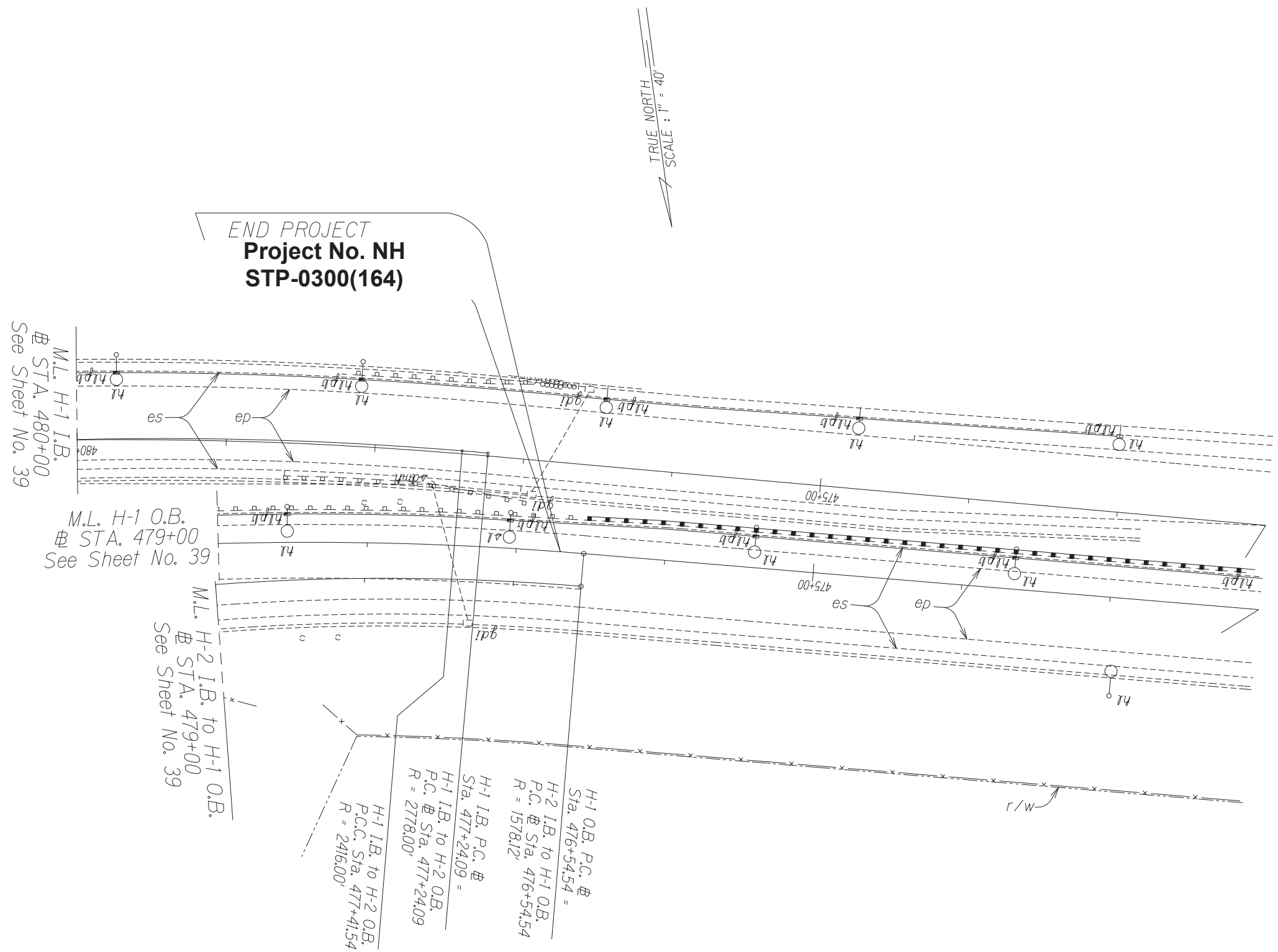
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N ₁	DESIGNED BY	
	QUANTITIES BY	
	CHECKED BY	



BMP PLAN ROAD CONSTRUCTION *Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.*

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

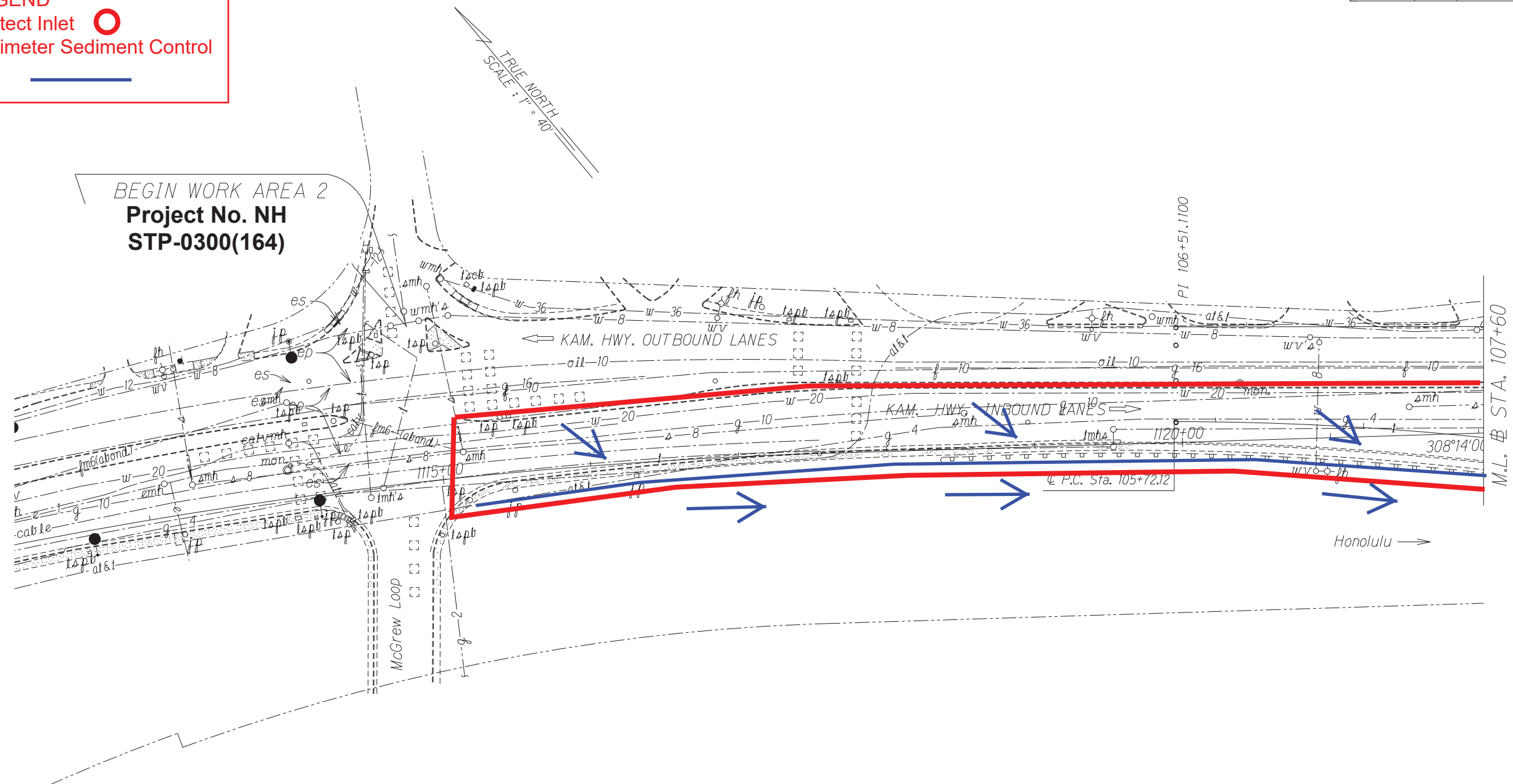
BMP PLAN ROAD CONSTRUCTION *Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.*

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
PLAN	DRAWN BY	
NOTE BOOK	CHECKED BY	
N#	QUANTITIES BY	
	DESIGNED BY	
	INVESTIGATED BY	
	REVIEWED BY	
	APPROVED BY	

FED. ROAD DIST. NO.	STATE	FED. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet 
Perimeter Sediment Control



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION *Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.*

SHEET No. 41 OF 45 SHEETS

Date: June 15, 2016

00

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control

TRUE NORTH
SCALE: 1" = 40'

CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 0,000$
 $T = 0,000$
 $C = 0,000$
 $Lc = 0,000$
 $S. E. = 0.00 \text{ ft/ft}$

CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 0,000$
 $T = 0,000$
 $C = 0,000$
 $Lc = 0,000$
 $S. E. = 0.00 \text{ ft/ft}$

CURVE DATA
 $\Delta = 00^{\circ}00'00''$
 $R = 0,000$
 $T = 0,000$
 $C = 0,000$
 $Lc = 0,000$
 $S. E. = 0.00 \text{ ft/ft}$

CONTRACTOR
STAGING/
STORAGE
AREA

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

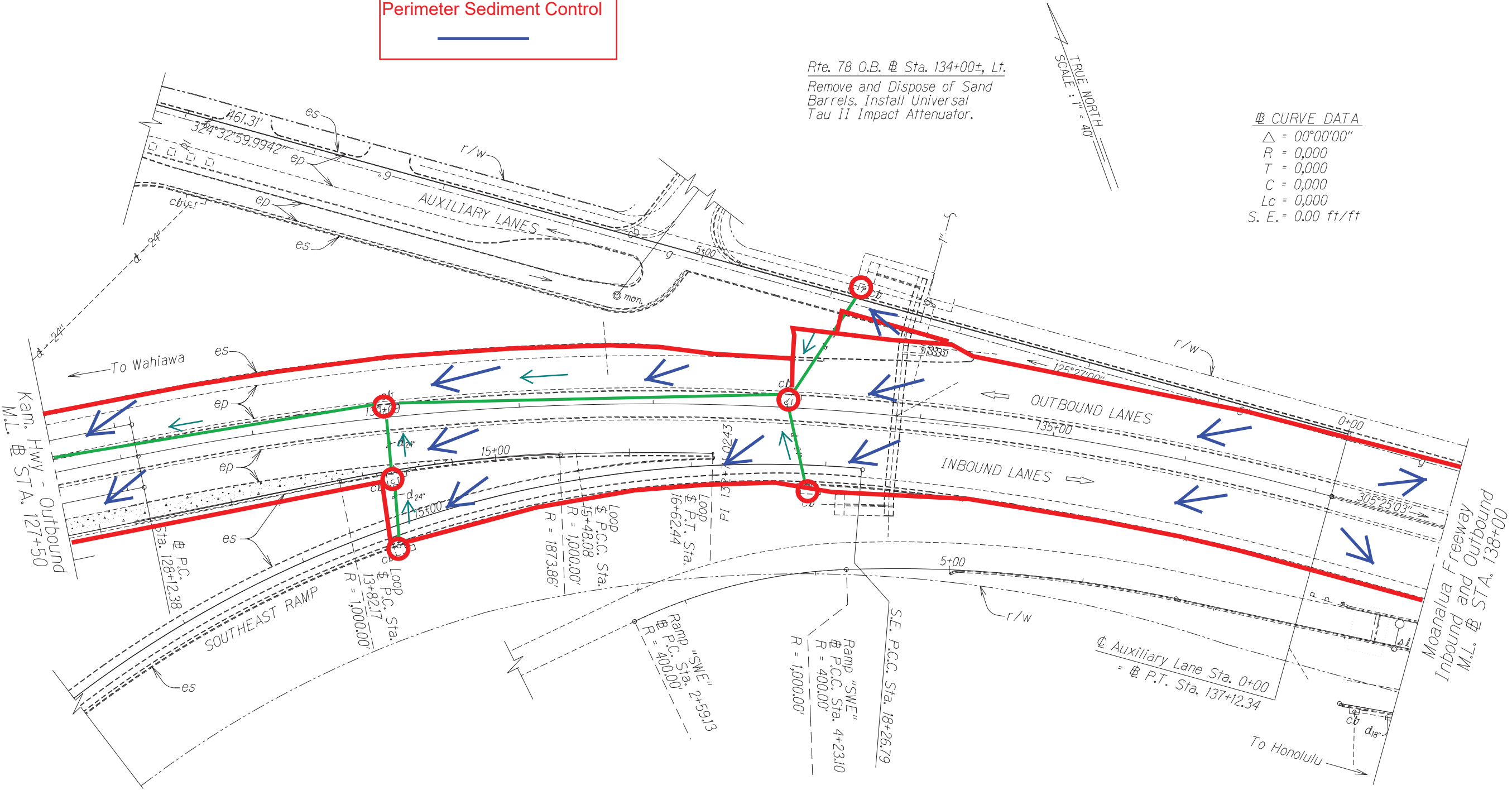
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	
	N.	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



#	CURVE DATA
Δ	= 00°00'00"
R	= 0,000
T	= 0,000
C	= 0,000
Lc	= 0,000
S. E.	= 0.00 ft/ft

TRUE NORTH
SCALE: 1" = 40'

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

ROADWAY PLANS

BMP PLAN ROAD CONSTRUCTION Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

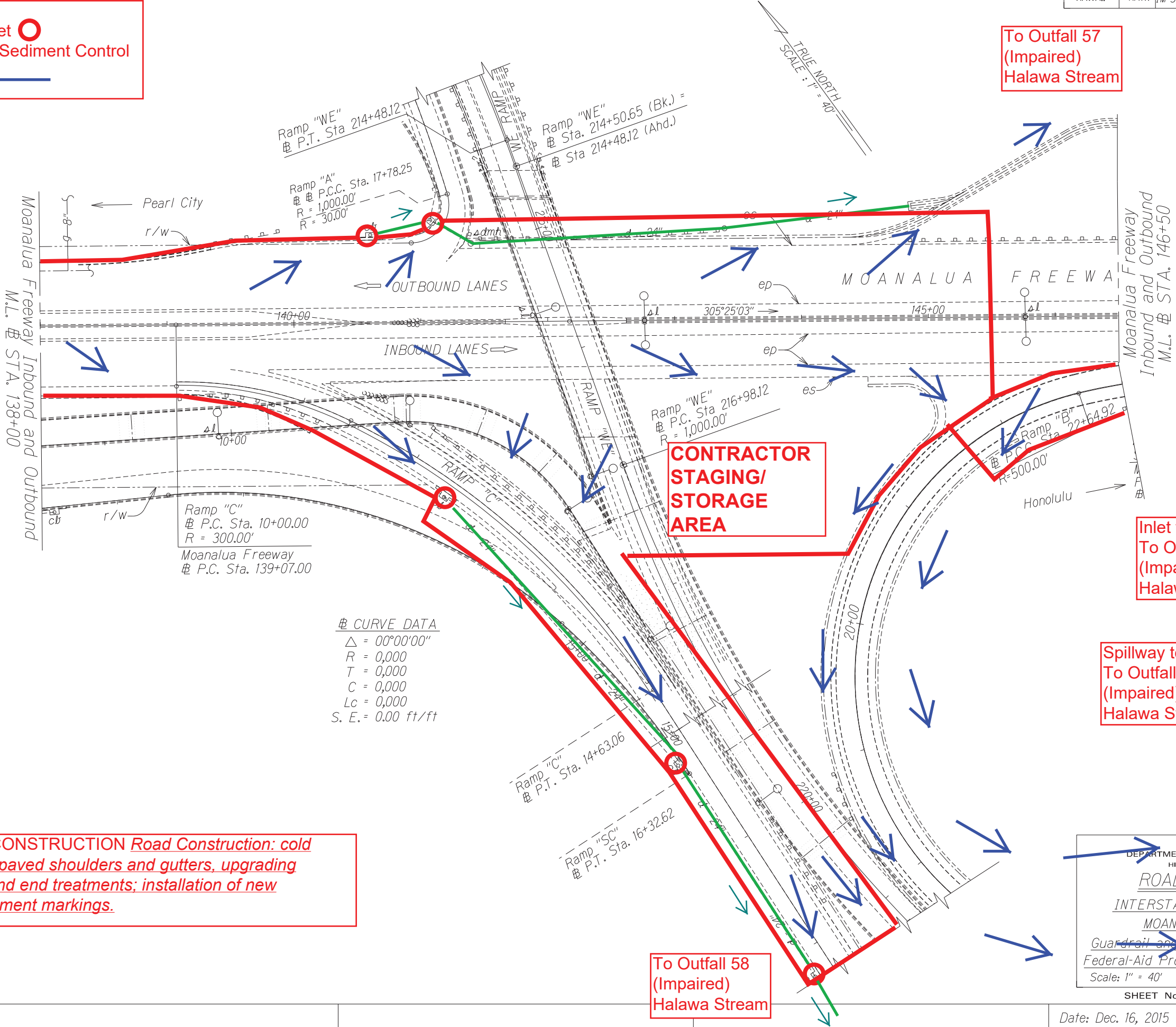
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

LEGEND

Protect Inlet

Perimeter Sediment Control



BMP PLAN ROAD CONSTRUCTION Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.

Inlet to Ditch to To Outfall 57 (Impaired) Halawa Stream

Spillway to Ditch to To Outfall 57 (Impaired) Halawa Stream

To Outfall 58 (Impaired) Halawa Stream

To Outfall 57 (Impaired) Halawa Stream

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements

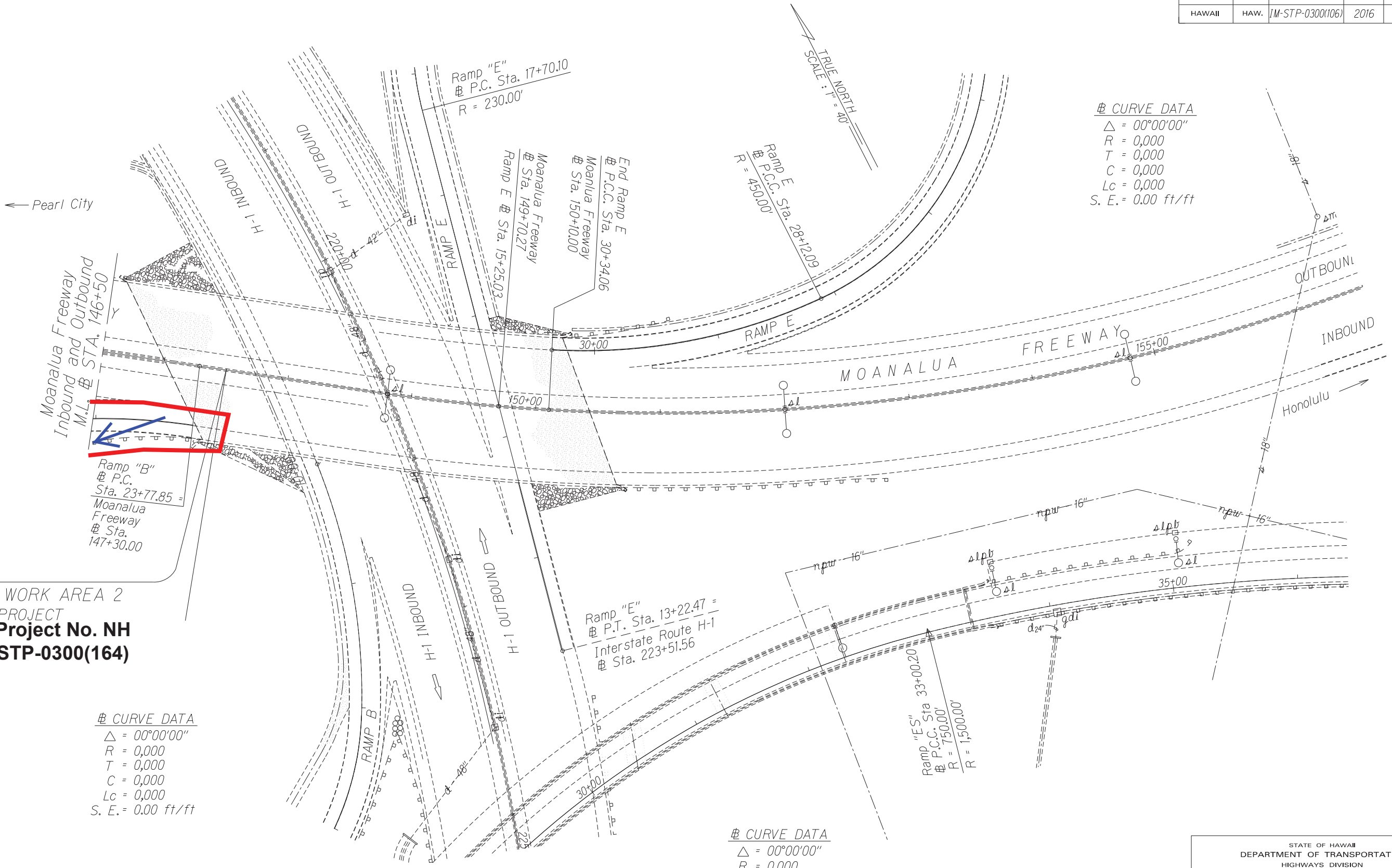
Federal-Aid Project No. IM-STP-0300(106)

Scale: 1" = 40'

Date: Dec., 2014

SHEET No. 44 OF 45 SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(164)	2016	0	0



CURVE DATA

Δ	= 00°00'00"
R	= 0,000
T	= 0,000
C	= 0,000
Lc	= 0,000
S. E.	= 0.00 ft/ft

CURVE DATA

Δ	= 00°00'00"
R	= 0,000
T	= 0,000
C	= 0,000
Lc	= 0,000
S. E.	= 0.00 ft/ft

CURVE DATA

Δ	= 00°00'00"
R	= 0,000
T	= 0,000
C	= 0,000
Lc	= 0,000
S. E.	= 0.00 ft/ft

Ramp "ES" Sta 33+00.20

# P.C.C. Sta	33+00.20
# P.C.C.	750.00'
R	1,500.00'

Ramp "E" Sta 13+22.47 =

# P.T. Sta	13+22.47 =
Interstate Route H-1	
# Sta.	223+51.56

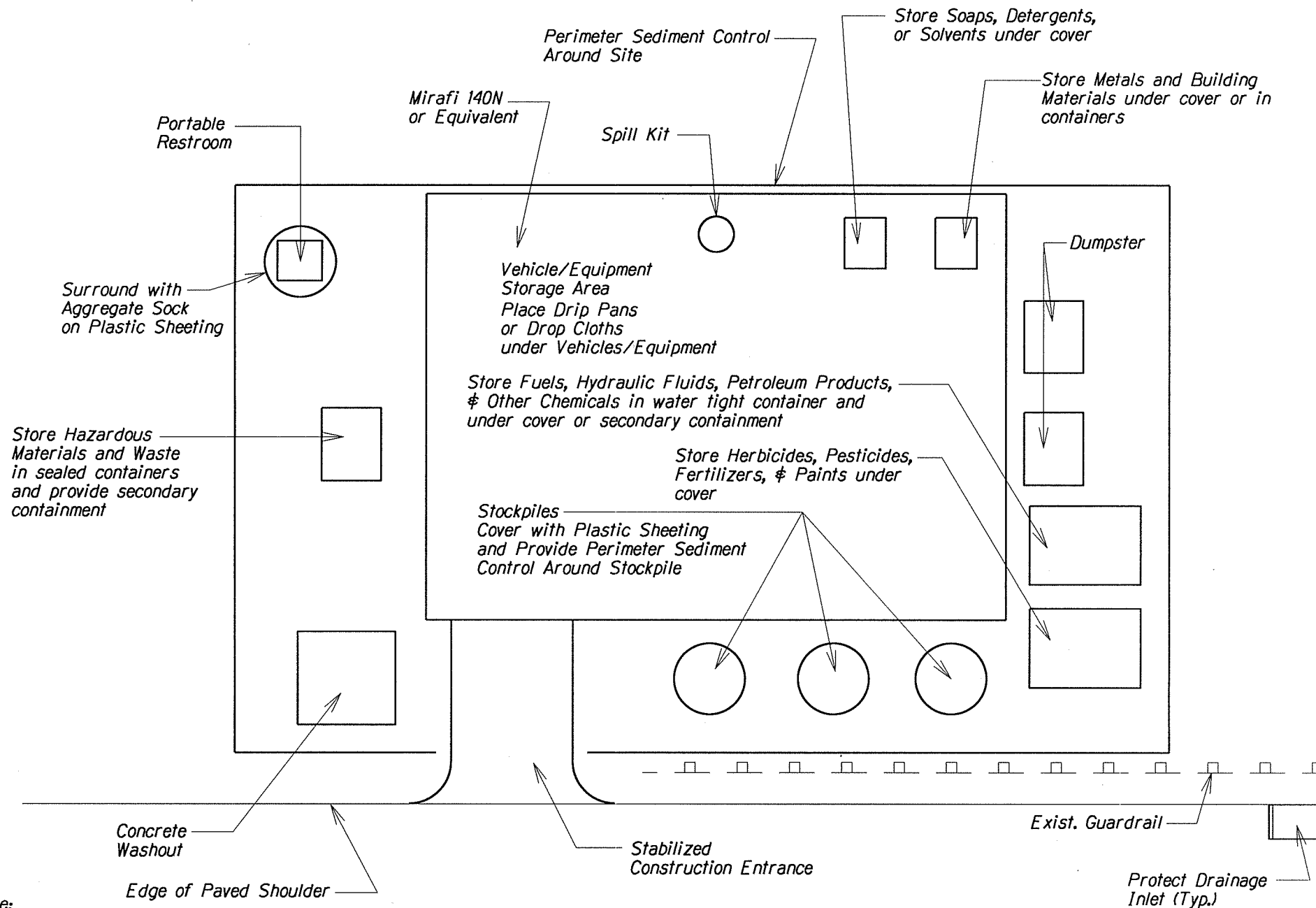
Ramp "B" Sta 23+77.85 =

# P.C.	23+77.85 =
Moanalua Freeway	
# Sta.	147+30.00

BMP PLAN ROAD CONSTRUCTION *Road Construction: cold planing, resurfacing paved shoulders and gutters, upgrading existing guardrails and end treatments; installation of new guardrails, and pavement markings.*

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
**Project No. NH
STP-0300(164)**
SHEET No. 45 OF 45 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
N.	

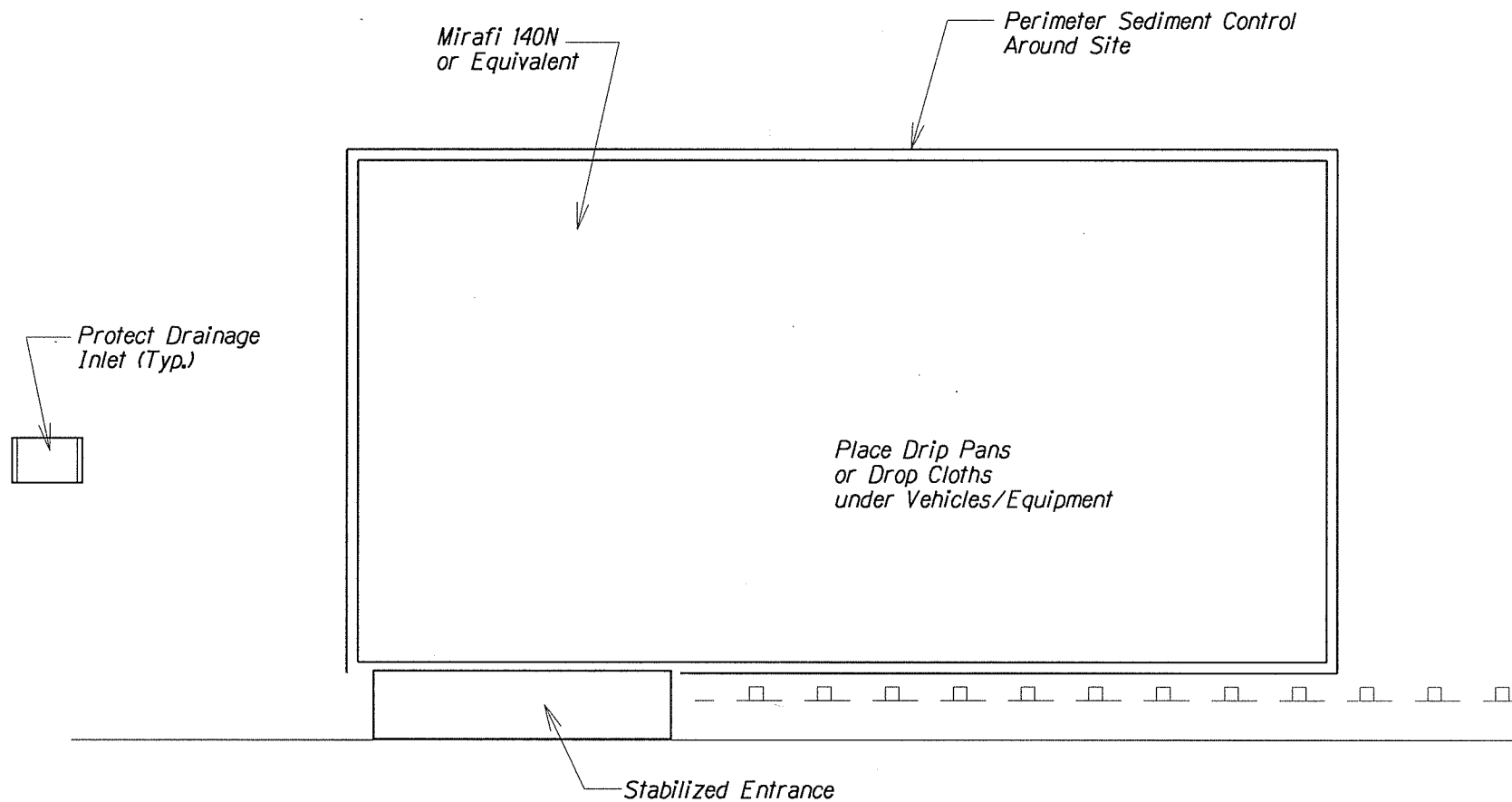


Note:

- 1) Restore area to equivalent of original condition once construction is completed.
- 2) Contractor shall ensure proper protection for Staging/Storage Area.
- 3) Do not maintain or wash vehicles on-site. Provide appropriate BMPs if Contractor elects to do so.

STAGING/STORAGE AREA

Not to Scale



Note:

- 1) Restore area to equivalent of original condition once construction is completed.
- 2) Contractor shall ensure proper protection for Equipment Storage Area.

EQUIPMENT STORAGE AREA
Not to Scale