

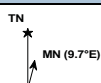


LOCATION MAP

Data use subject to license.

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www.delorme.com

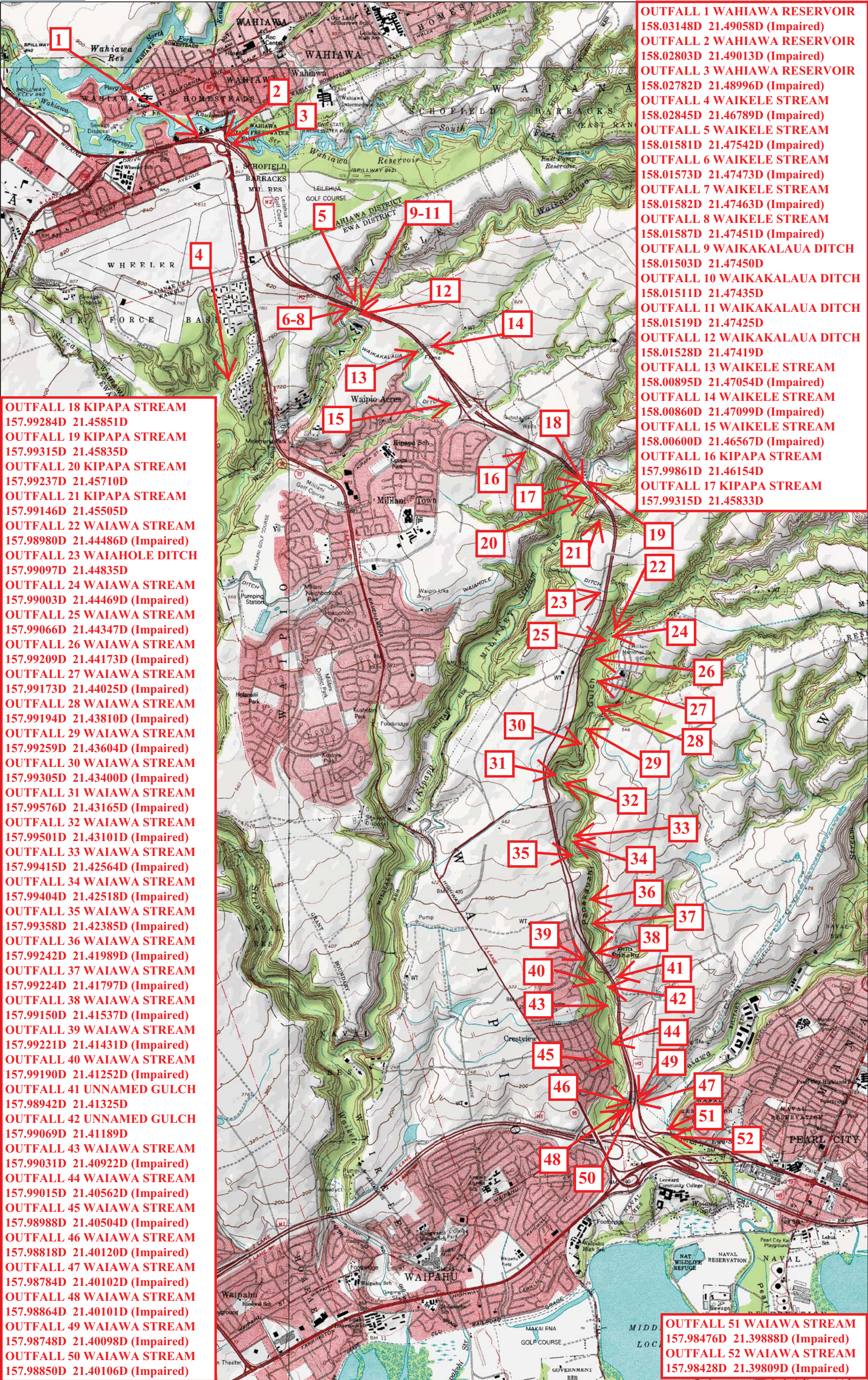


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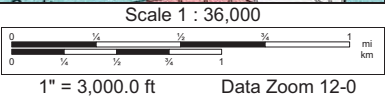


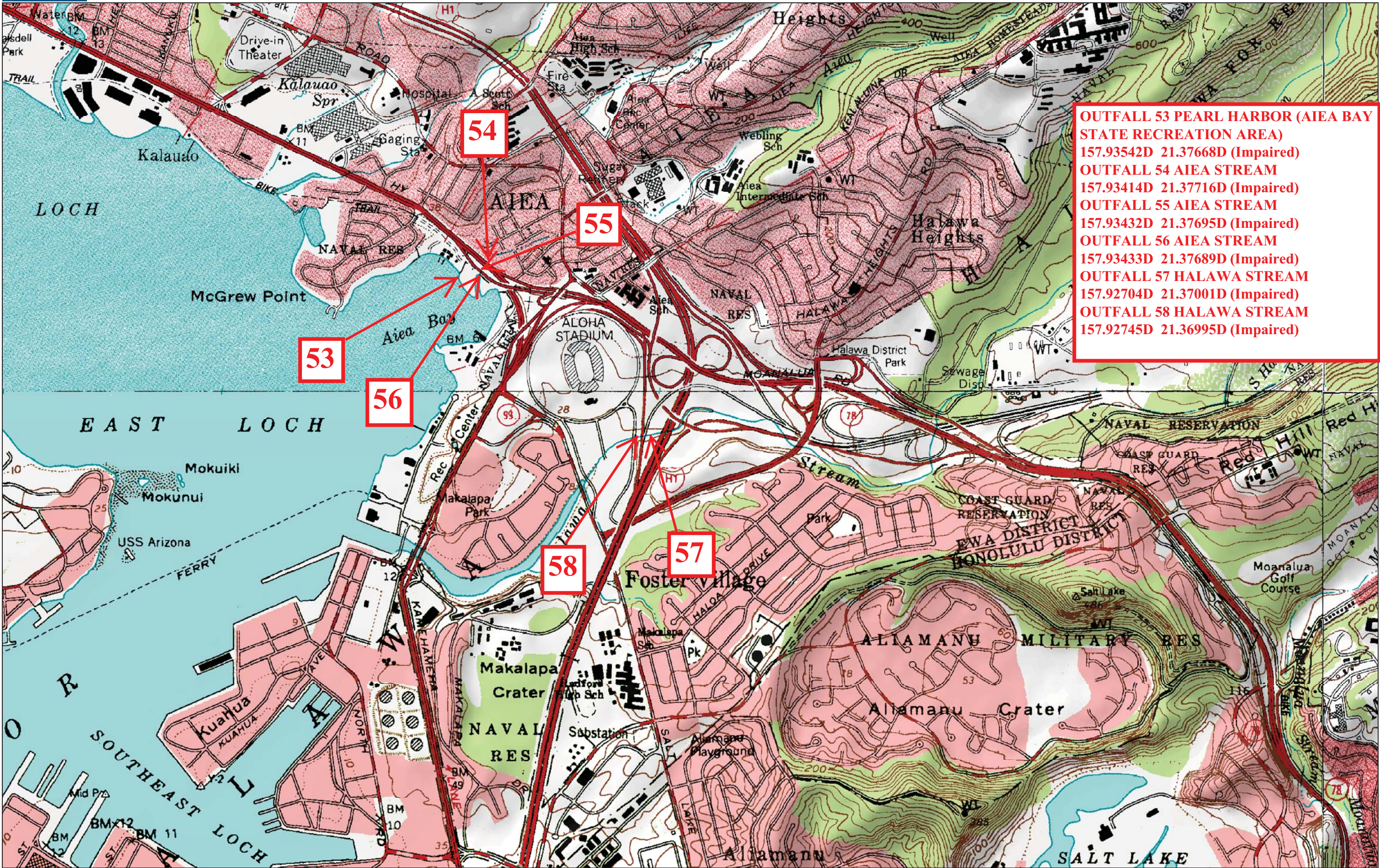
1" = 6.31 mi

Data Zoom 9-0



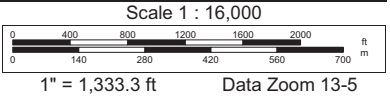
OUTFALL MAP - H2 FREEWAY



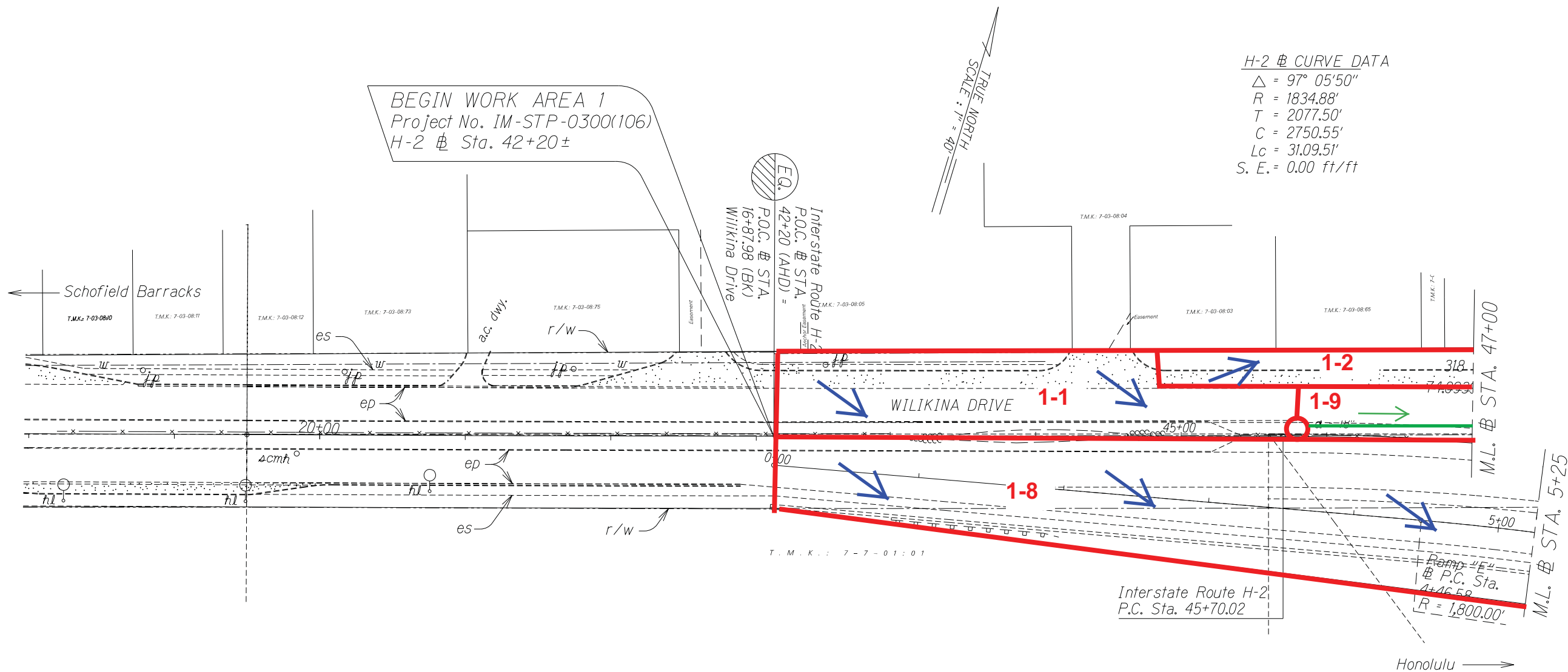


Data use subject to license.

OUTFALL MAP - MOANALUA FREEWAY



FED. ROAD DIST. NO.	STATE	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

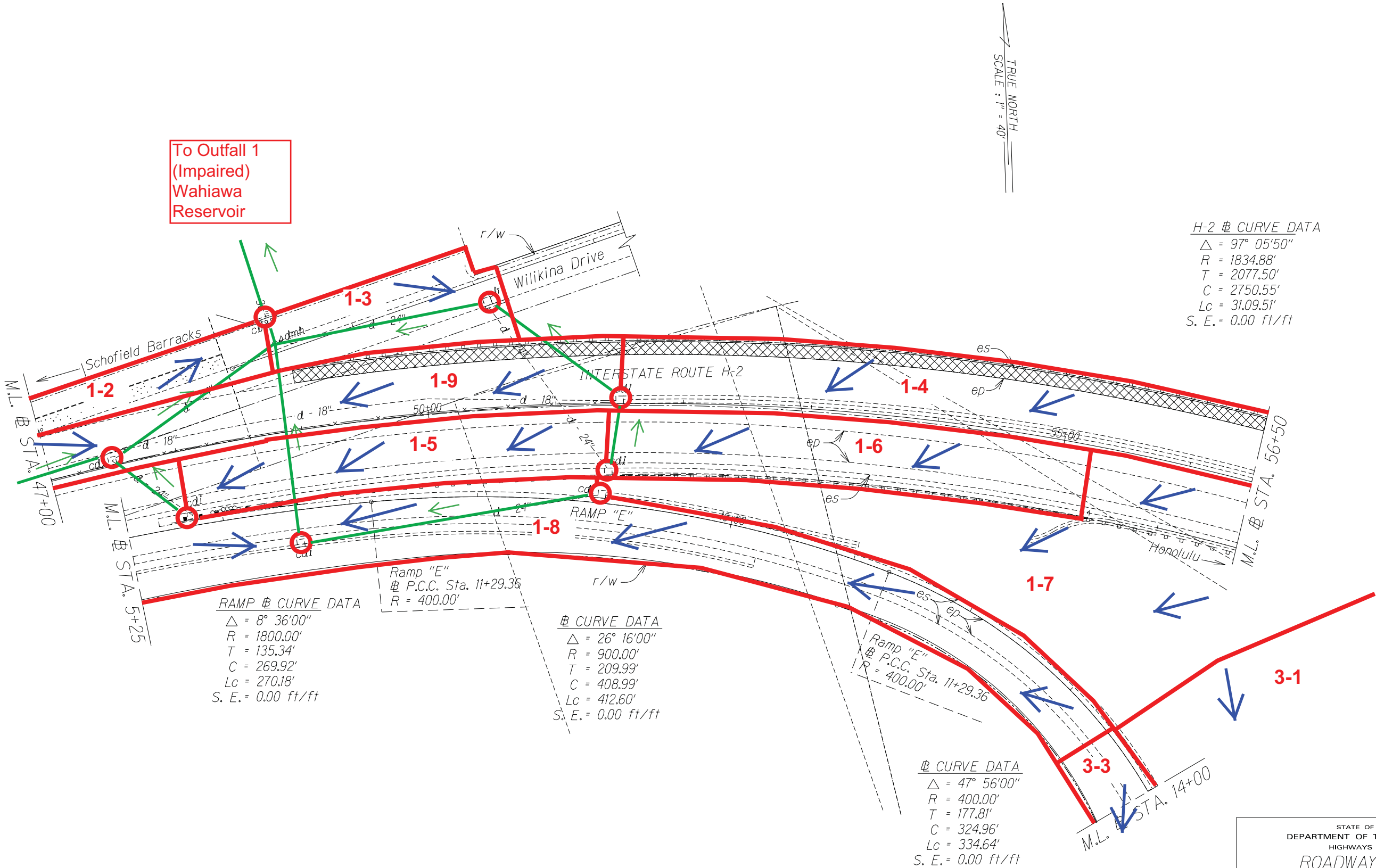
*INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY*

Guardrail and Shoulder Improvements

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

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

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



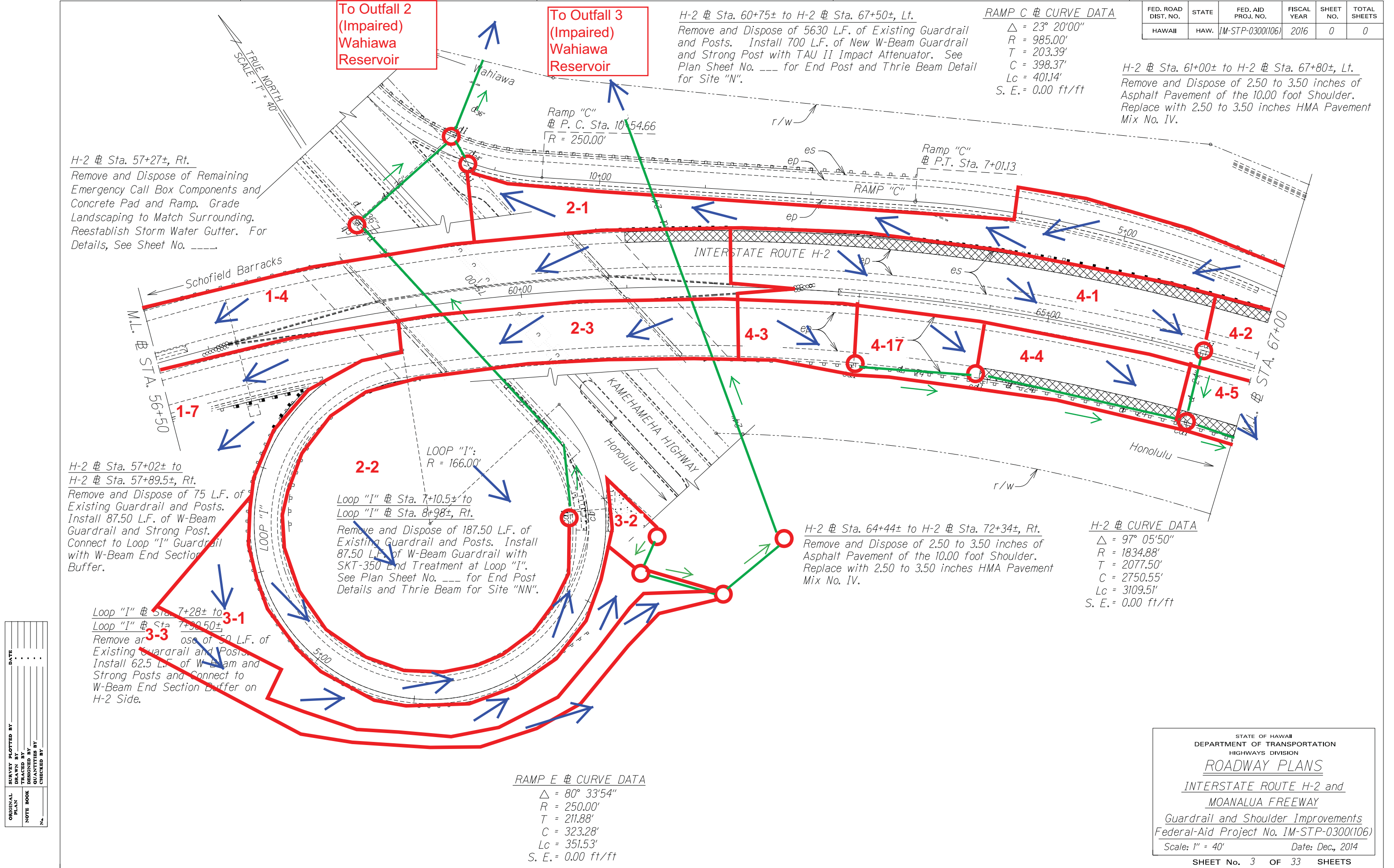
SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	

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'

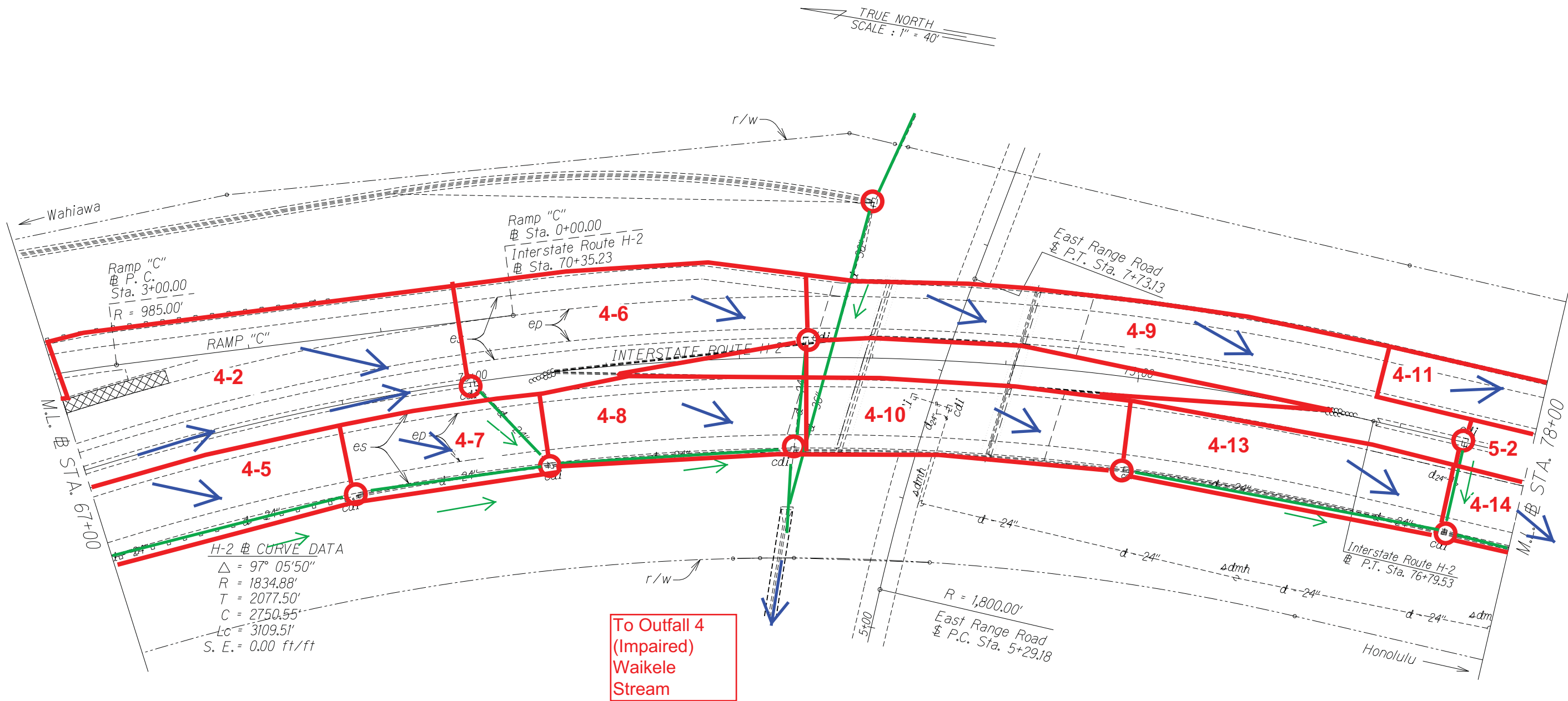
Date: Dec., 2014

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	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



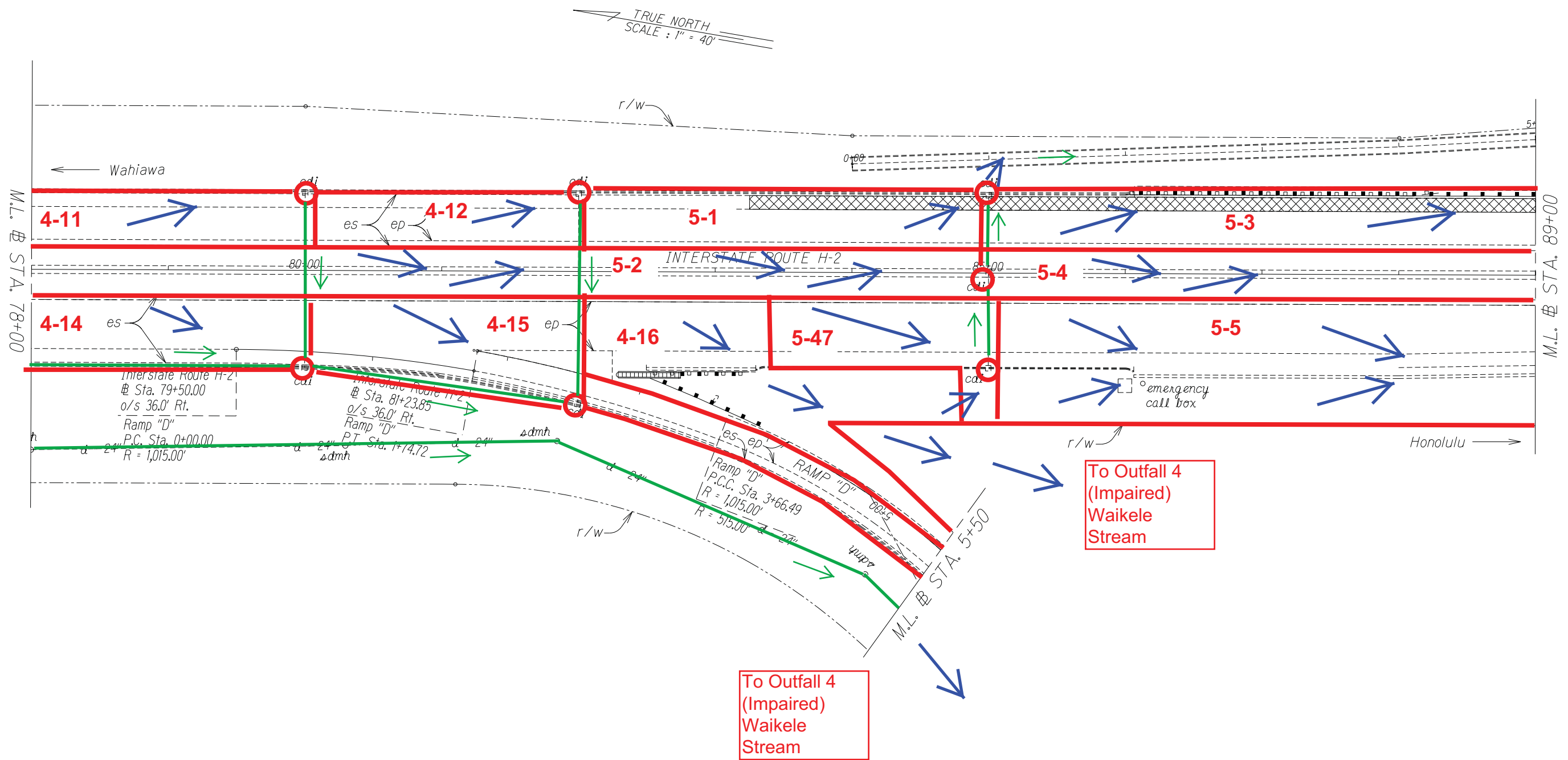
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS
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. 4 OF 33 SHEETS

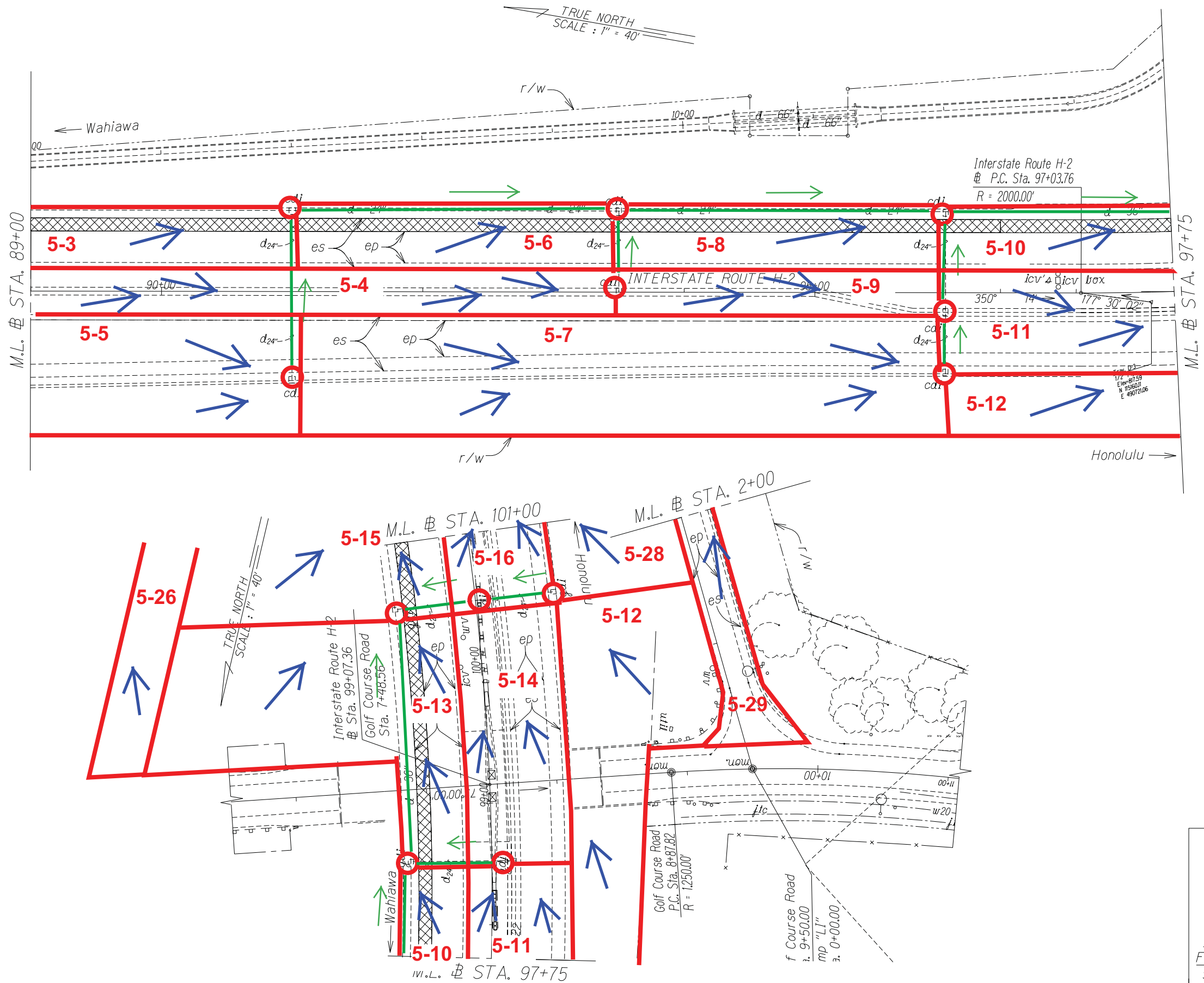
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



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
*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. 5 OF 33 SHEETS

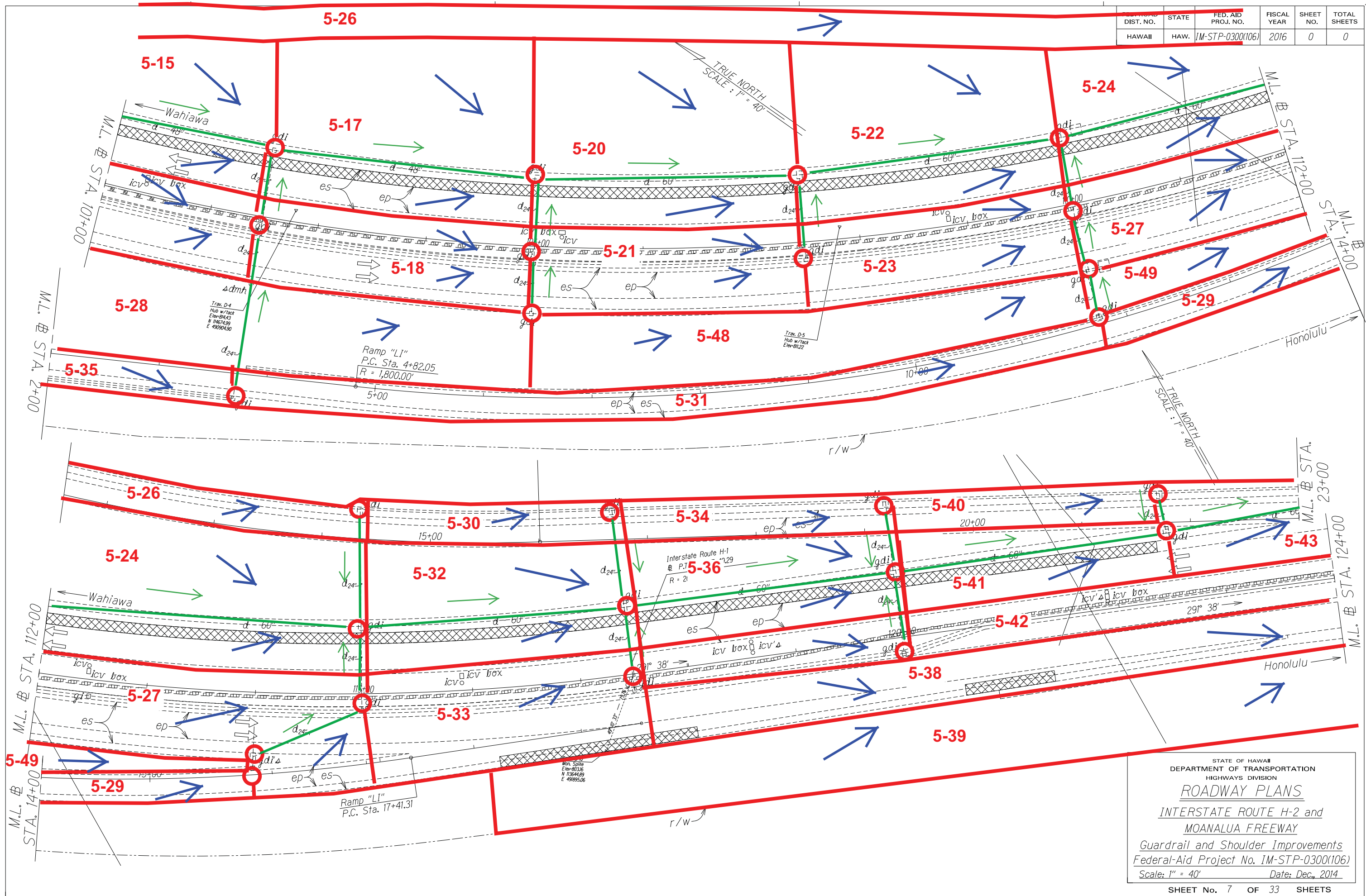
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
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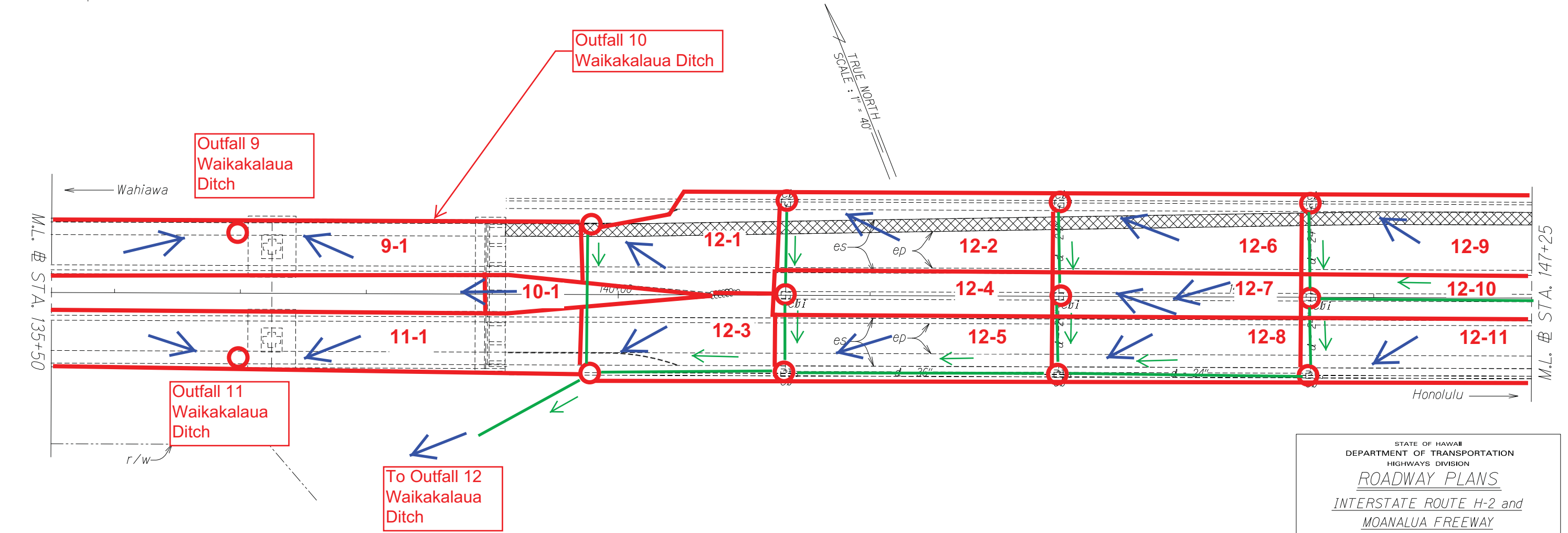
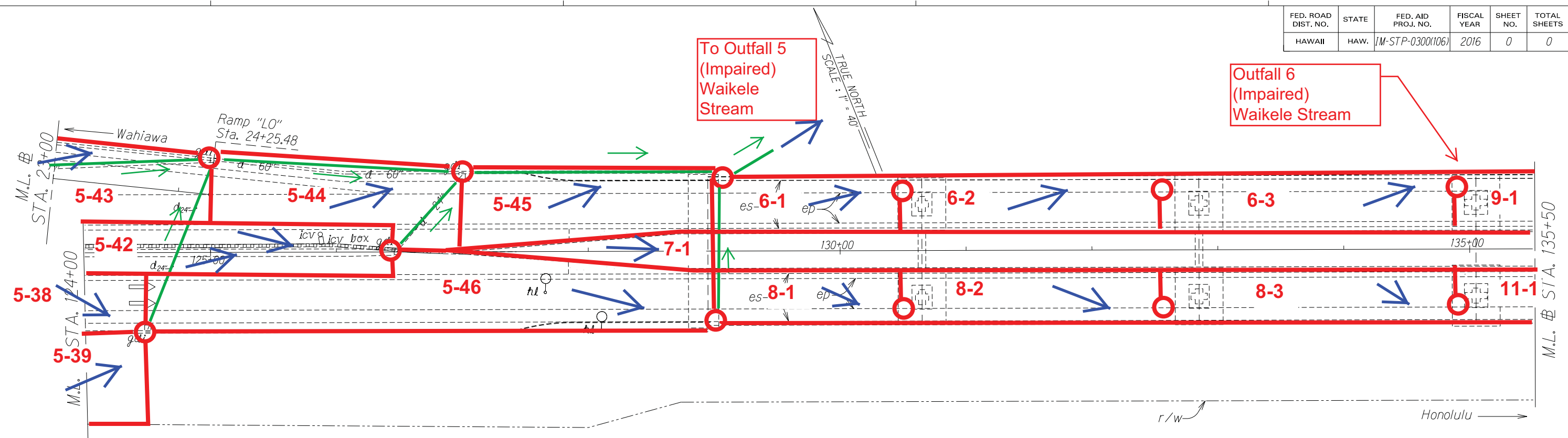
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
*INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY*
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014
SHEET No. 6 OF 33 SHEETS

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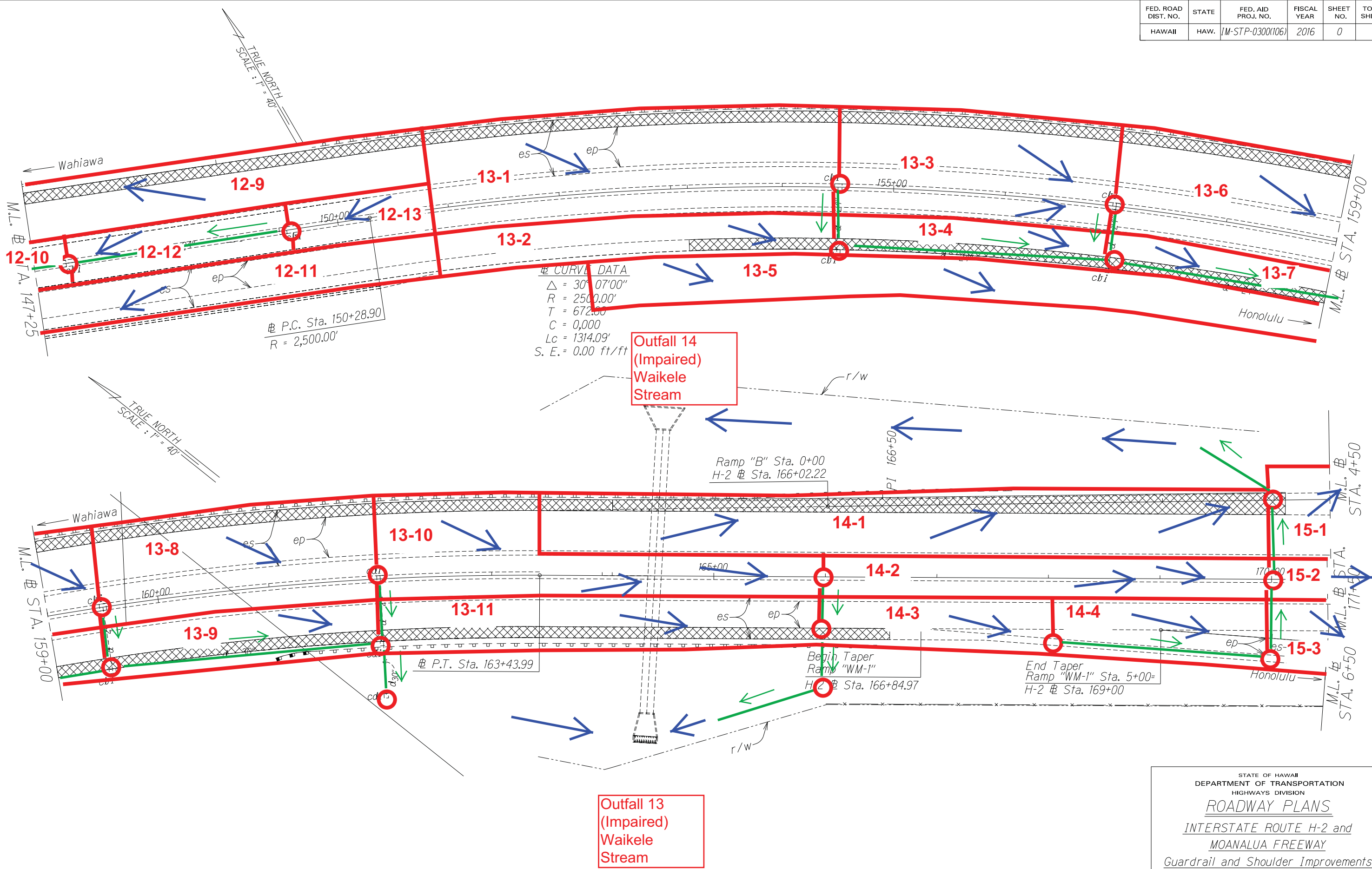
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



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

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	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

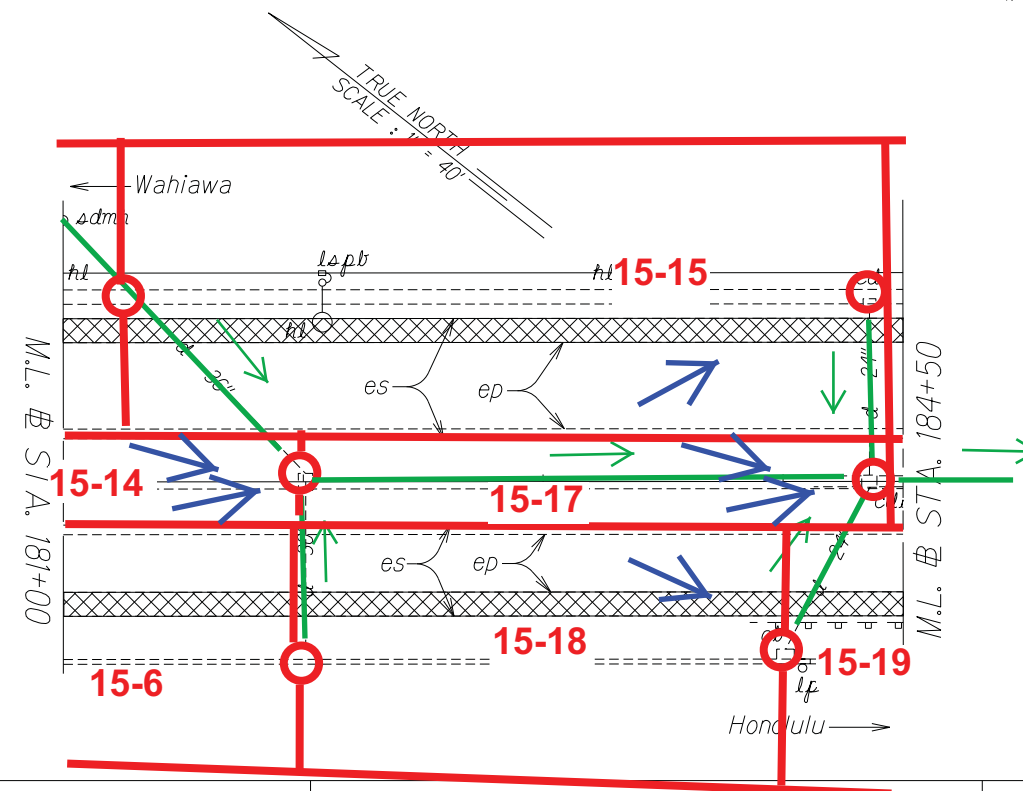
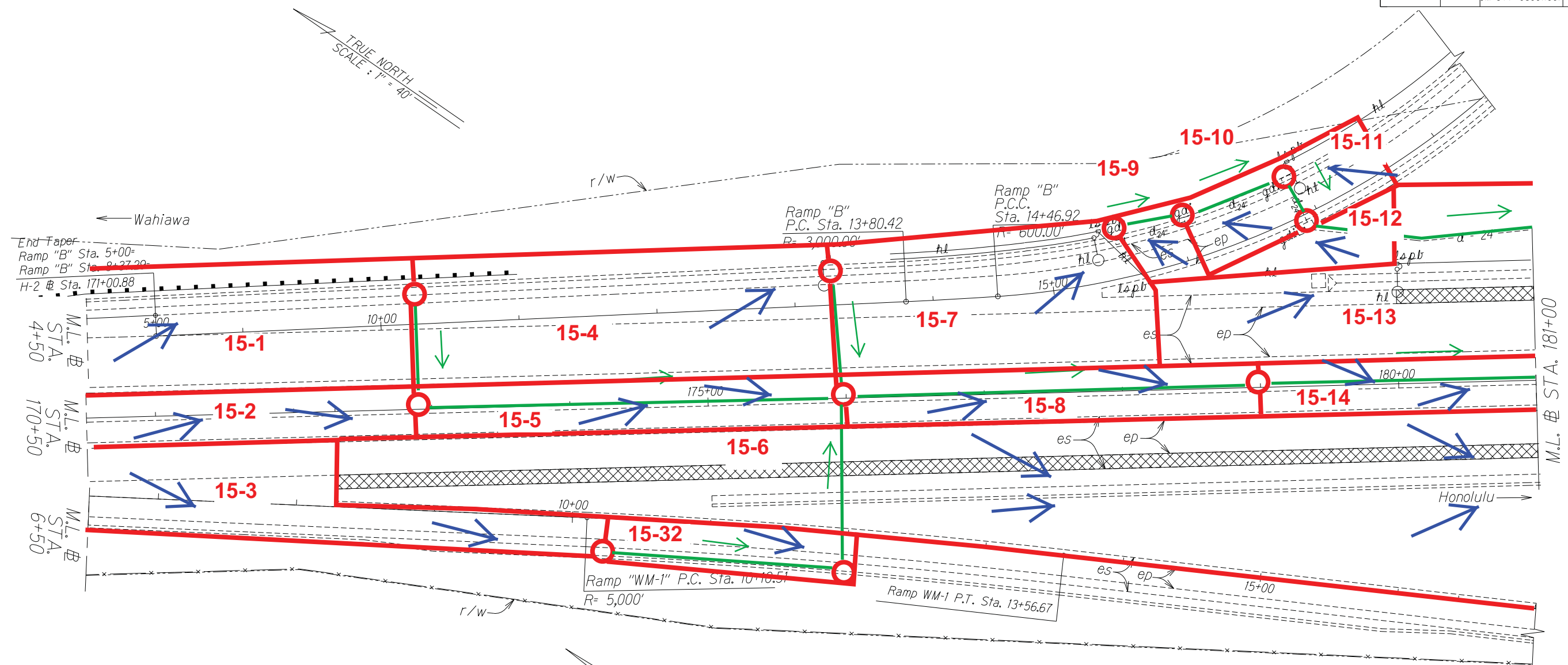
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 9 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



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

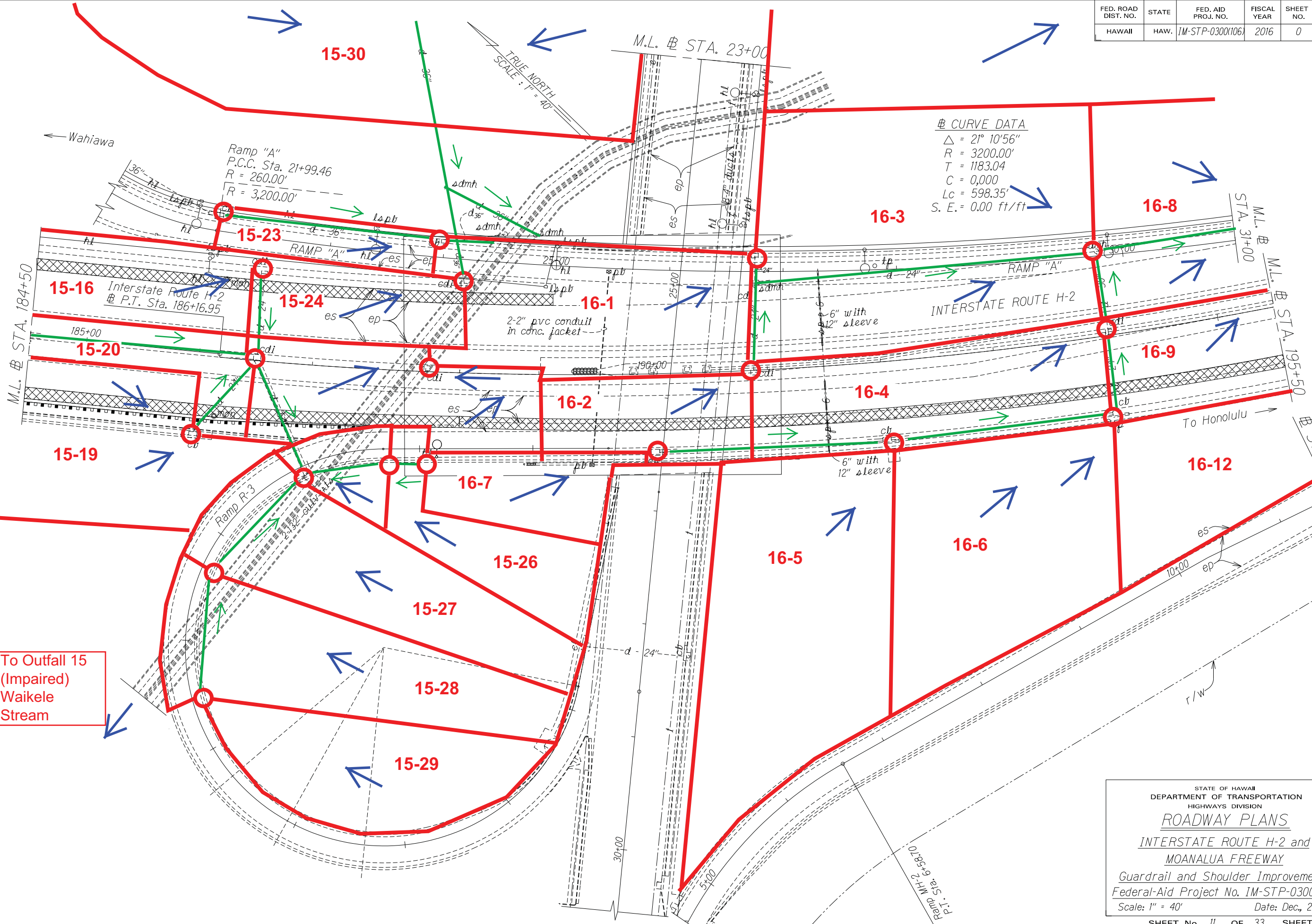
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 10 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



To Outfall 15
(Impaired)
Waialele
Stream

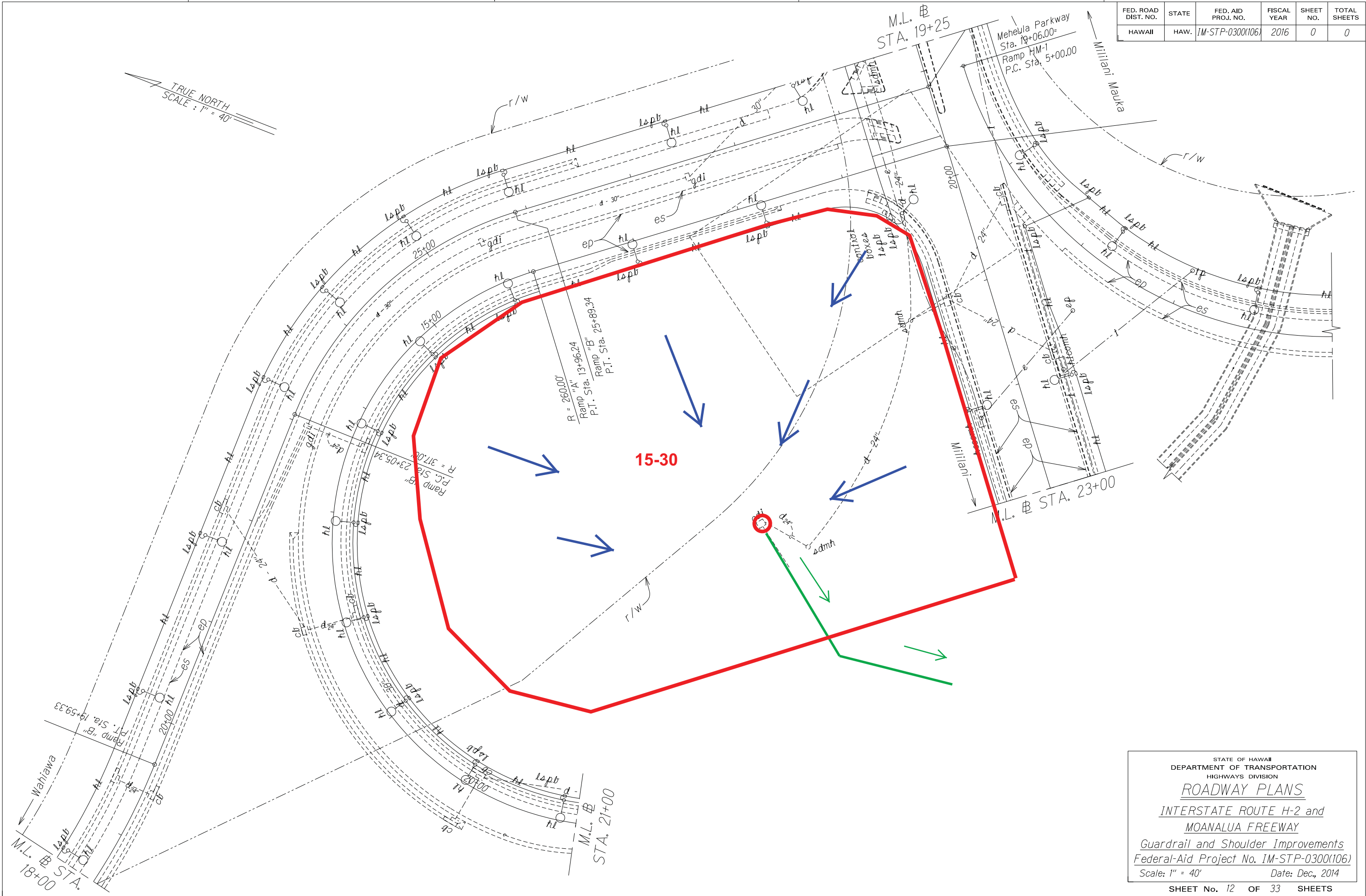
Δ = 21° 10' 56"
R = 3200.00'
T = 1183.04
C = 0.000
Lc = 598.35'
S. E. = 0.00 ft/ft

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. 11 OF 33 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
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

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

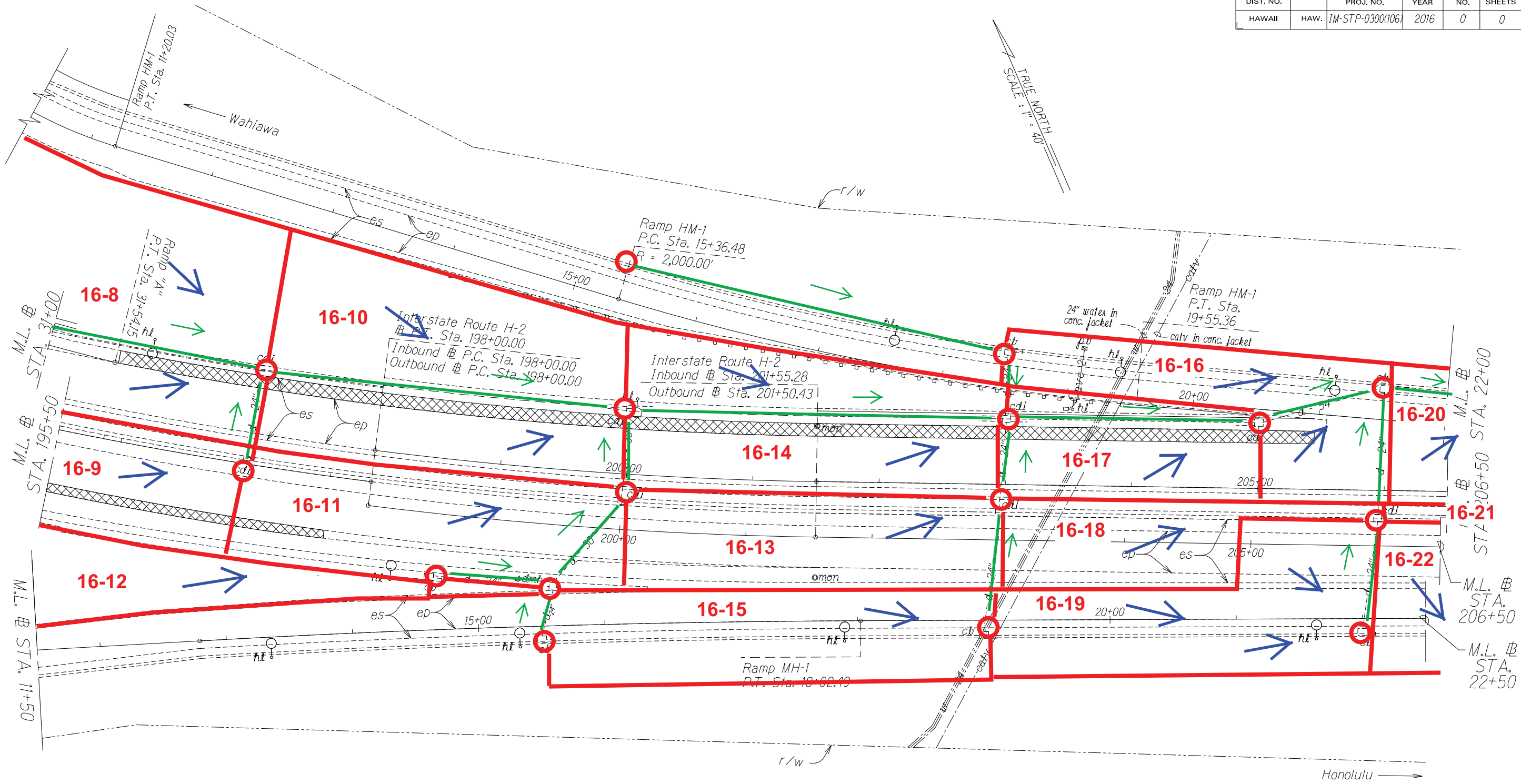


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 12 OF 33 SHEETS

Date: June 22, 2016

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	
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STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and

MOANALUA FREEWAY

Guardrail and Shoulder Improvements

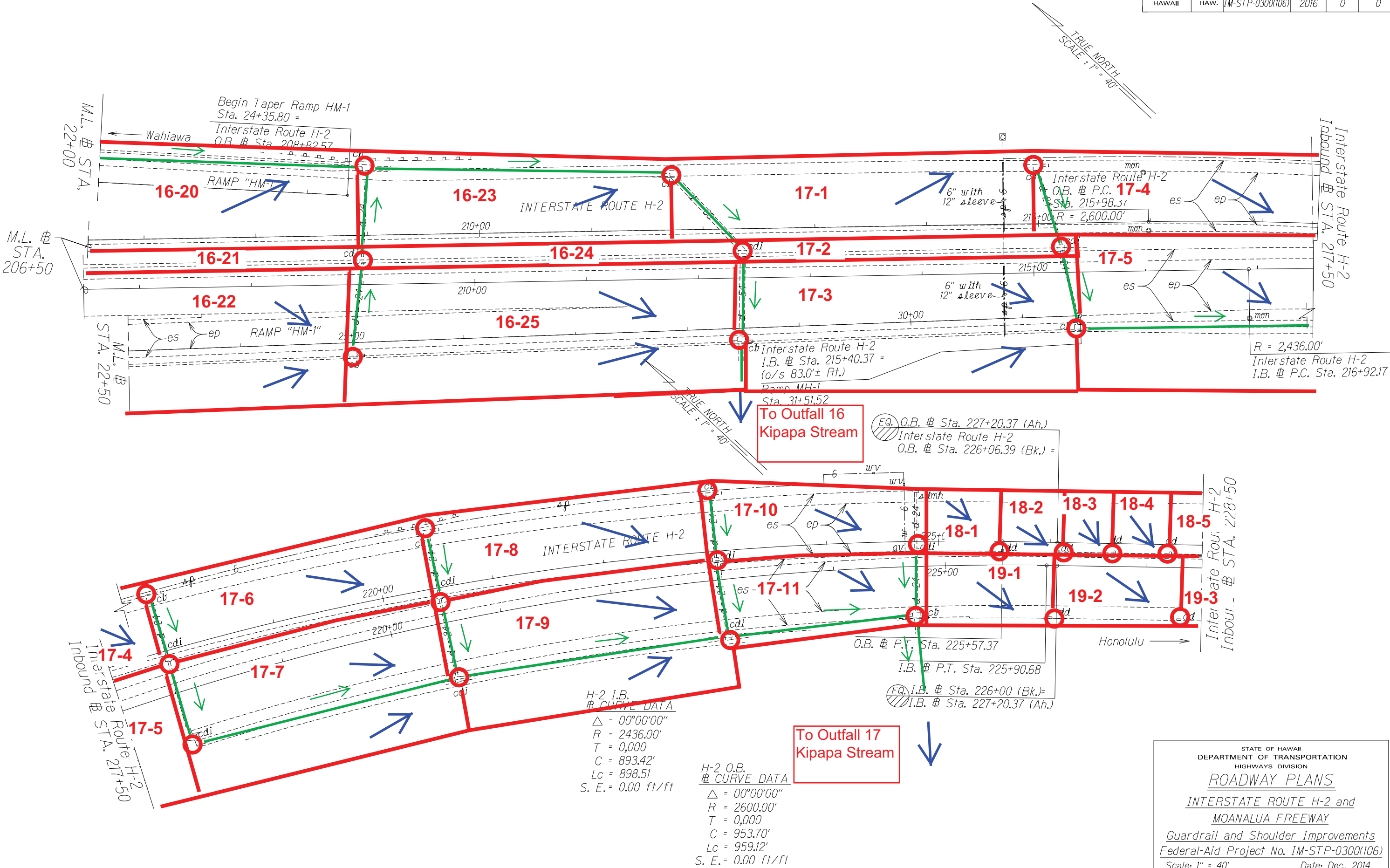
Federal-Aid Project No. IM-STP-0300(106)

Scale: 1" = 40'

Date: Dec., 2014

SHEET No. 13 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



SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
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. 14 OF 33 SHEETS

Date: June 23, 2016

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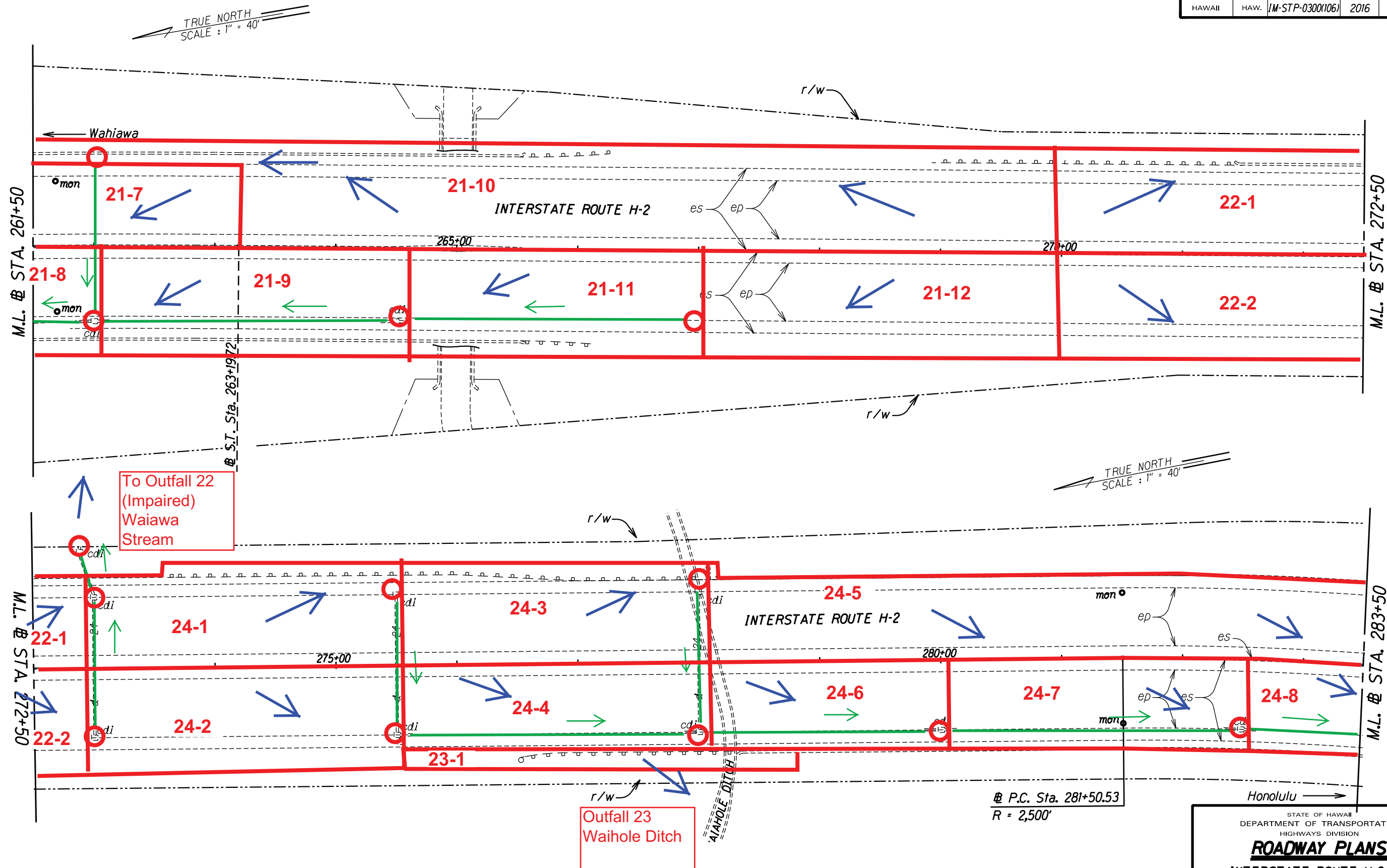
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
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. 15 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

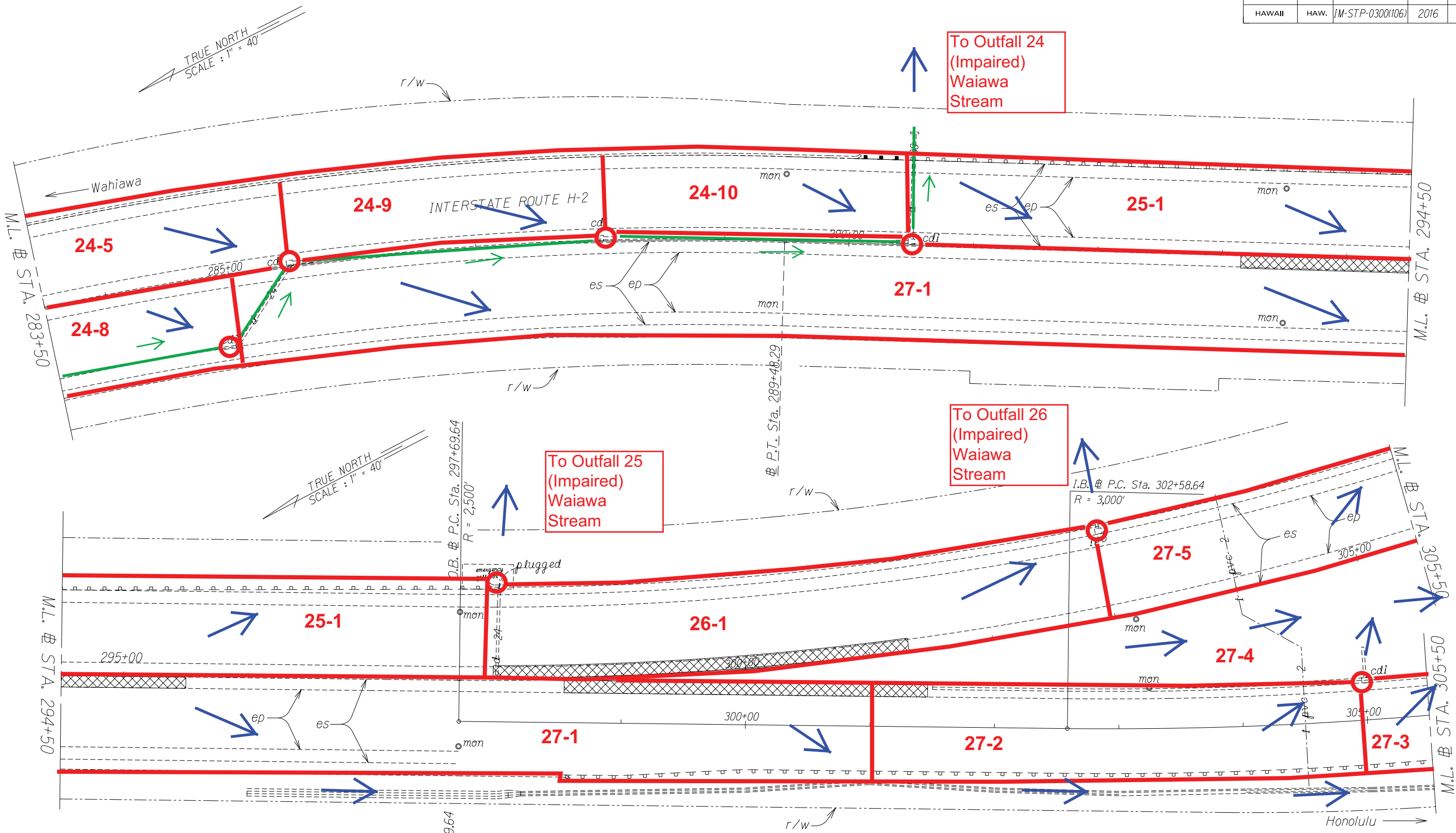


SURVEY PLOTTED BY	DATE
DRAWN BY	
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NOTE BOOK	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

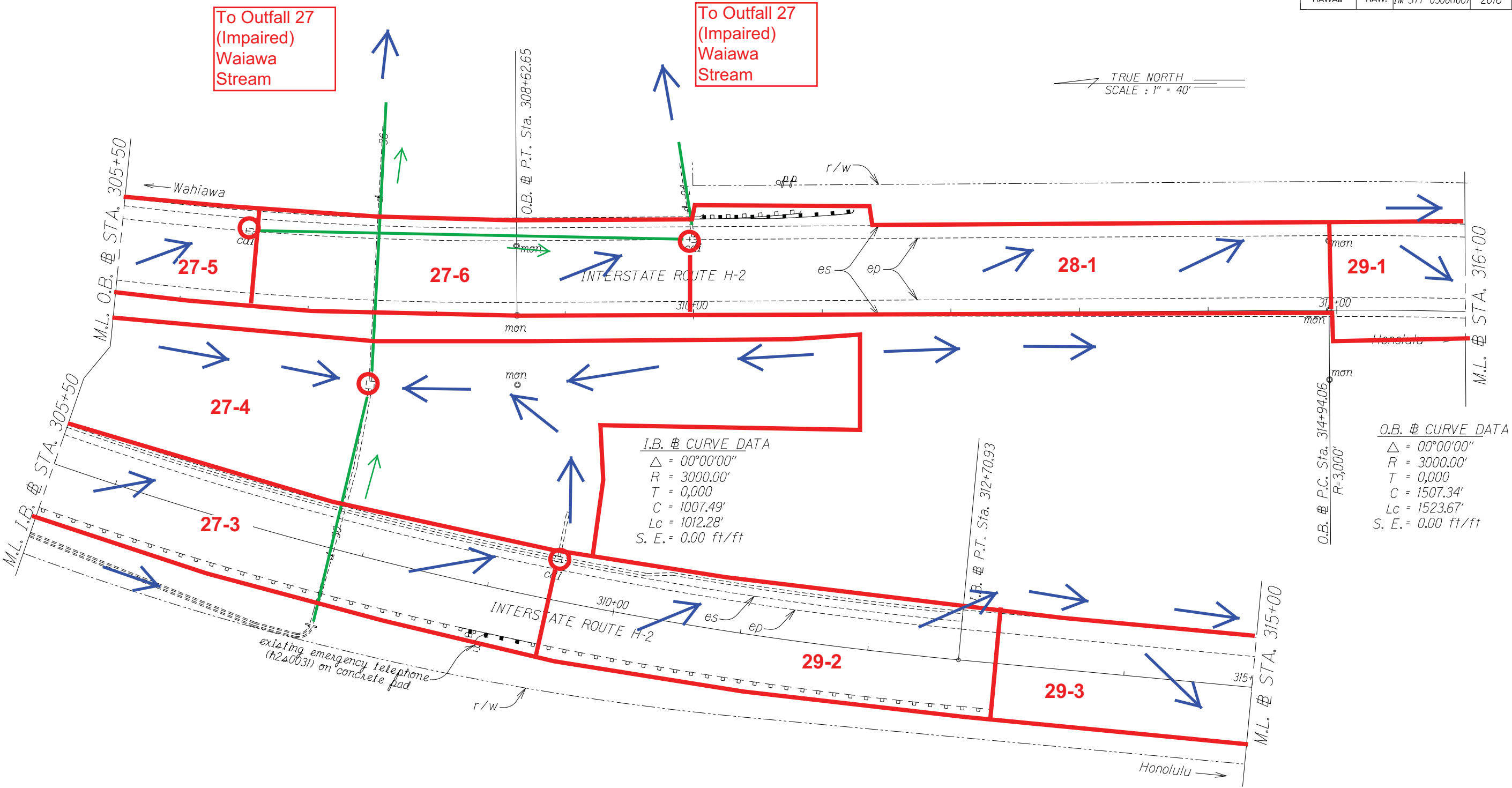
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



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

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

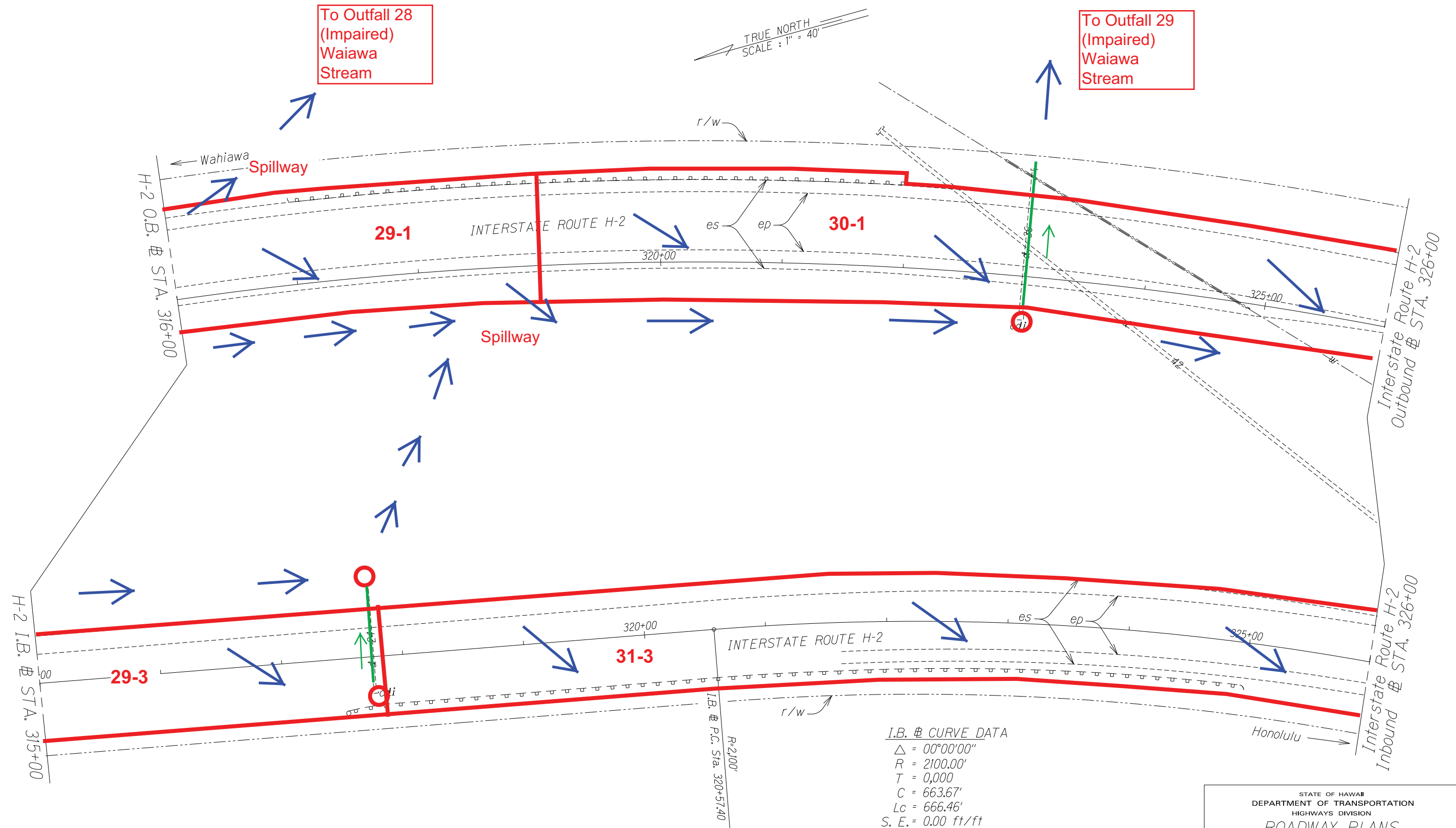
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



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
*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. 19 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



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

I.B. # CURVE DATA

$\Delta = 00^{\circ}00'00''$
 $R = 2100.00'$
 $T = 0.000$
 $C = 663.67'$
 $L_c = 666.46'$
 $S. E. = 0.00 \text{ ft/ft}$

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

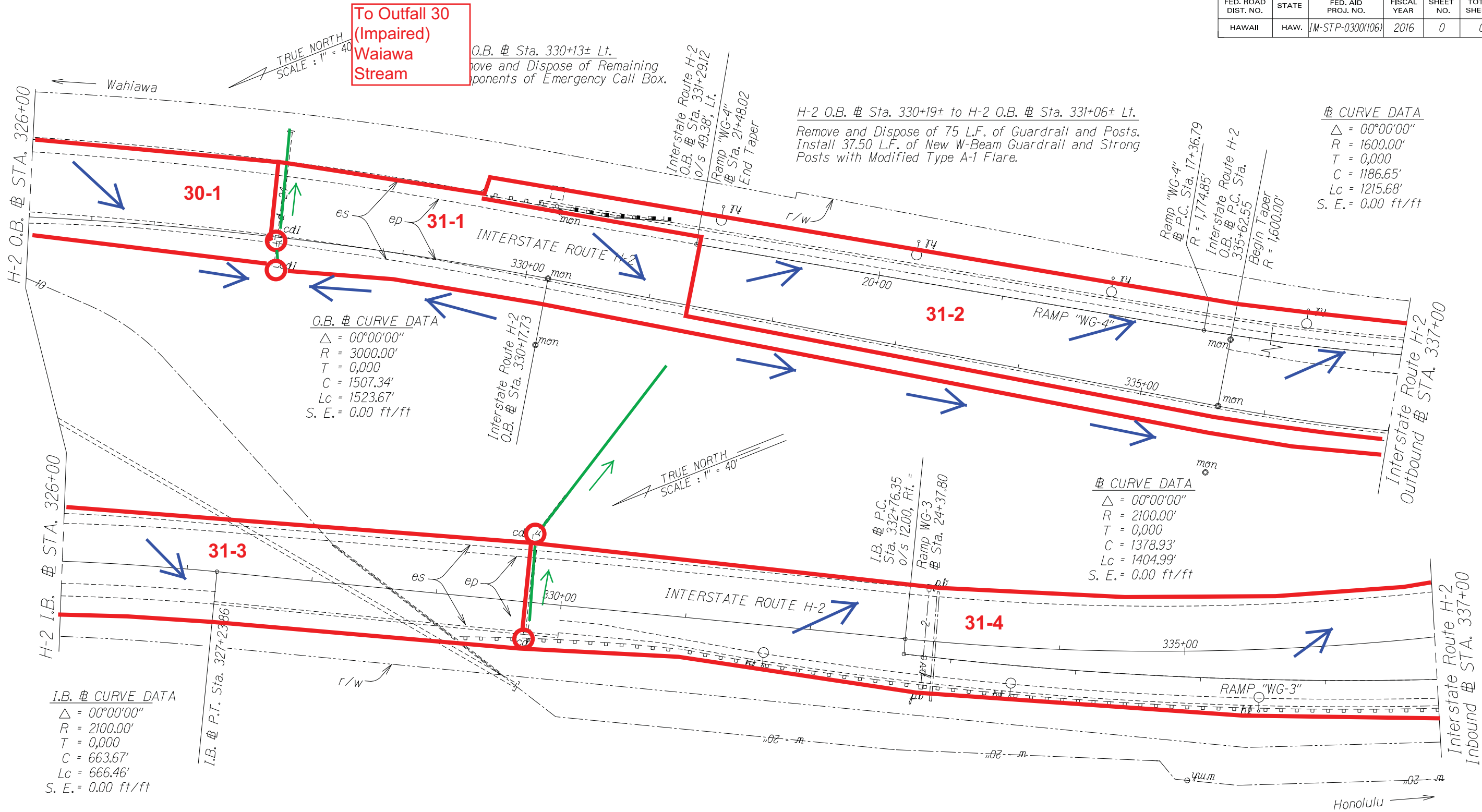
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)

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

SHEET No. 20 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

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
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014
SHEET No. 21 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

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.

To Outfall 32 (Impaired) Waiawa Stream

To Outfall 31 (Impaired) Waiawa Stream

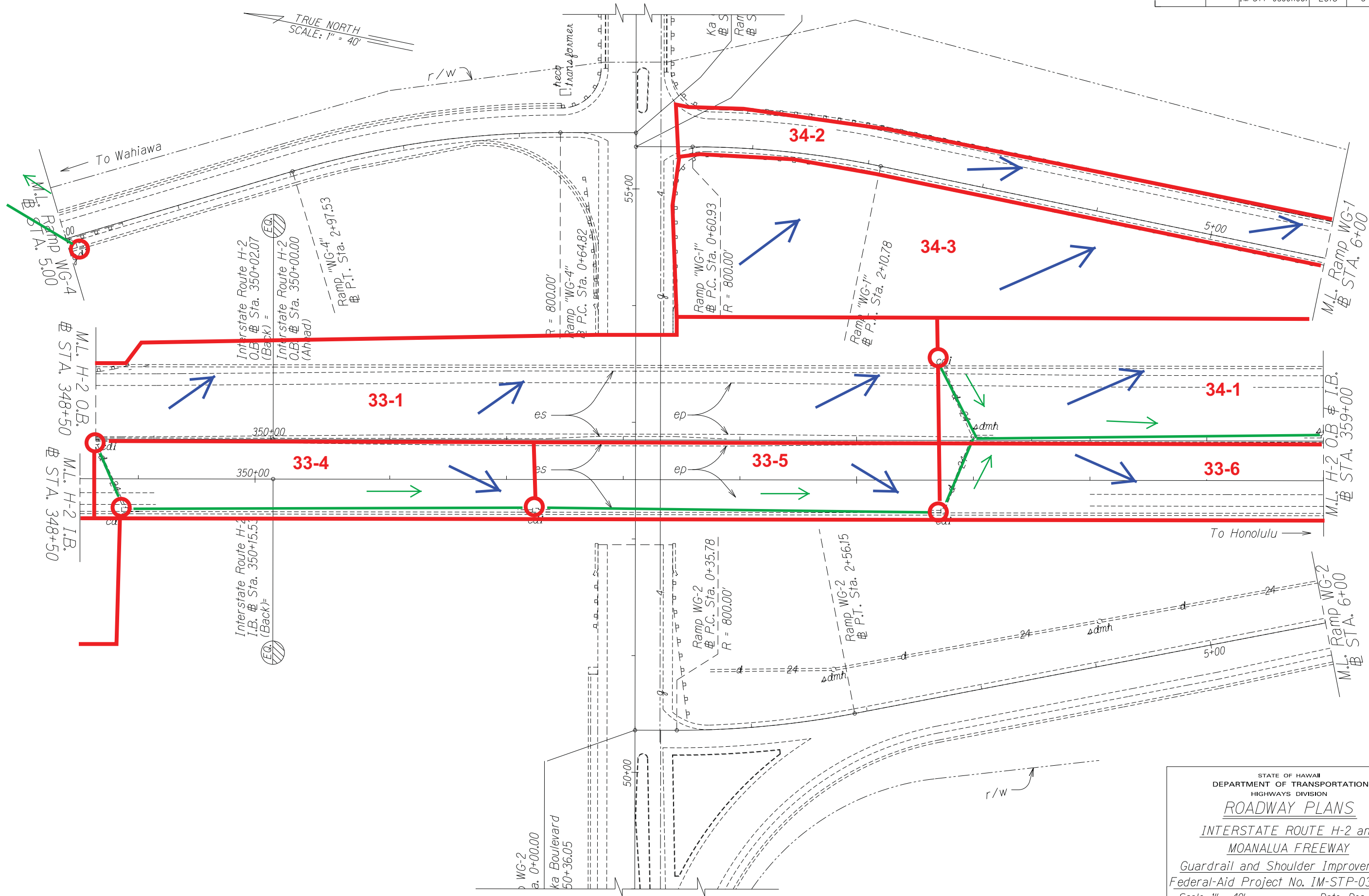
△ CURVE DATA
 Δ = 00°00'00"
 R = 1600.00'
 T = 0,000
 C = 1186.65'
 Lc = 1215.68'
 S. E. = 0.00 ft/ft

△ CURVE DATA
 Δ = 00°00'00"
 R = 2100.00'
 T = 0,000
 C = 1378.93'
 Lc = 1404.99'
 S. E. = 0.00 ft/ft

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
 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. 22 OF 33 SHEETS

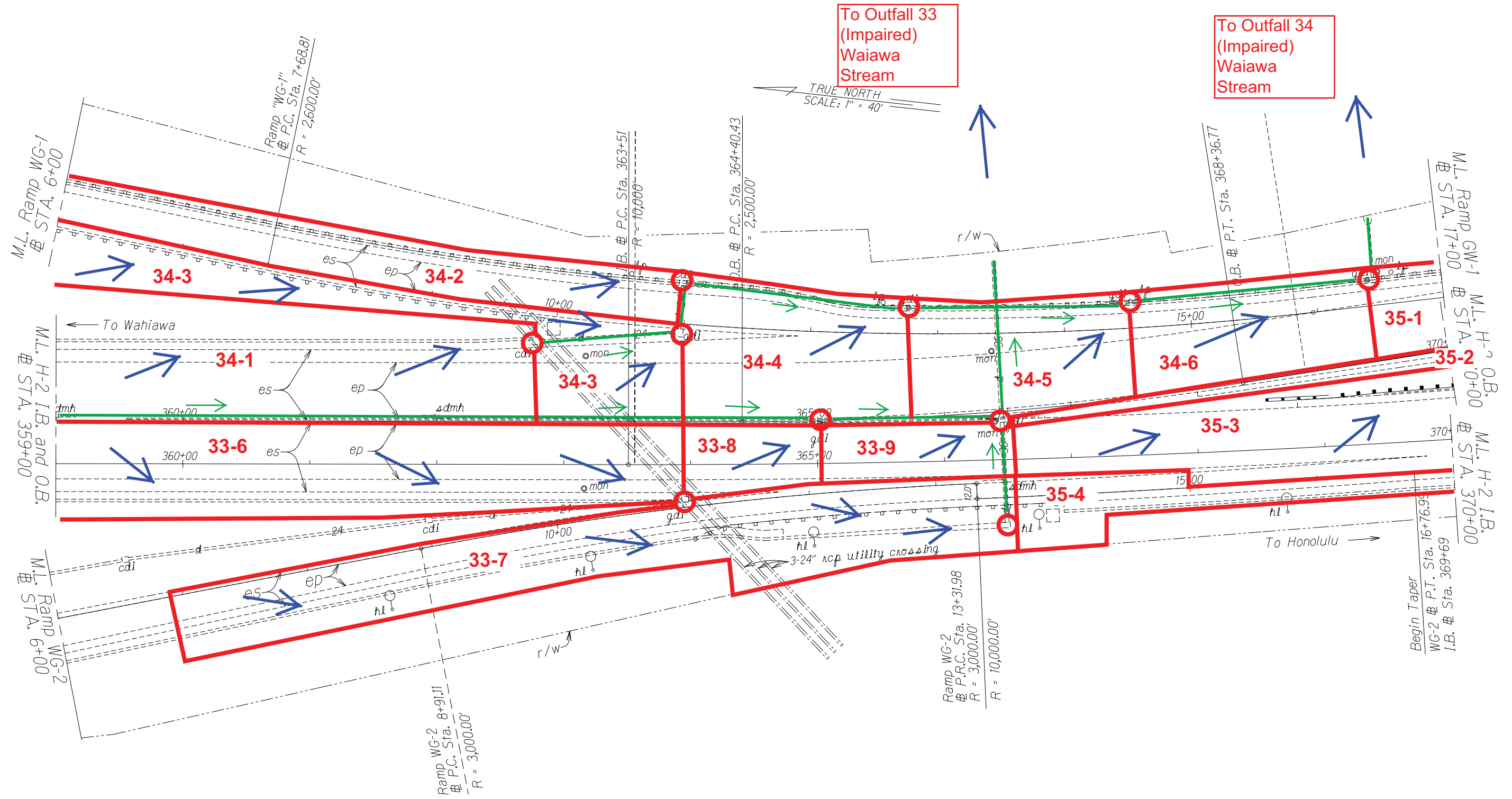
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



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
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

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

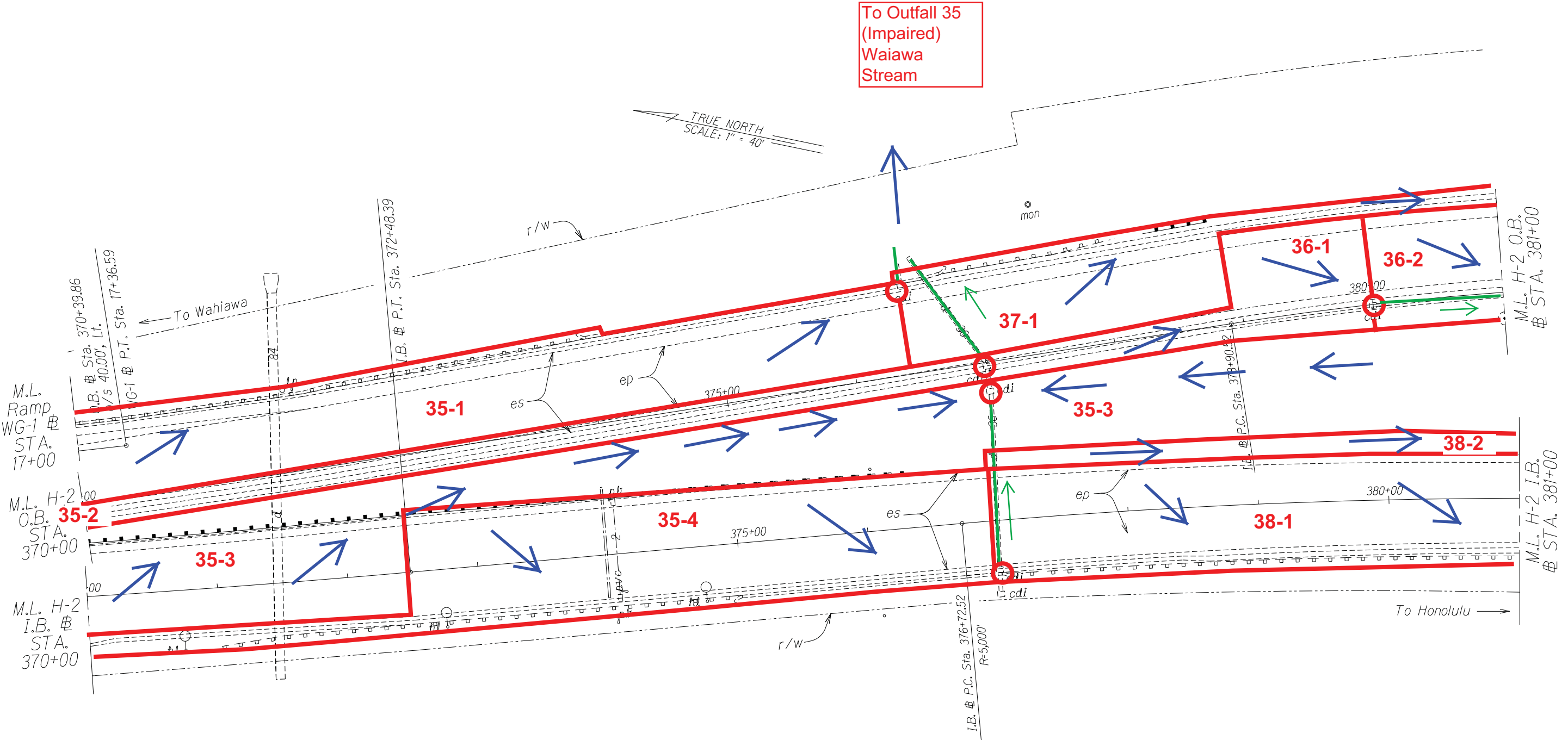


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

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

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

To Outfall 35
 (Impaired)
 Waiawa
 Stream

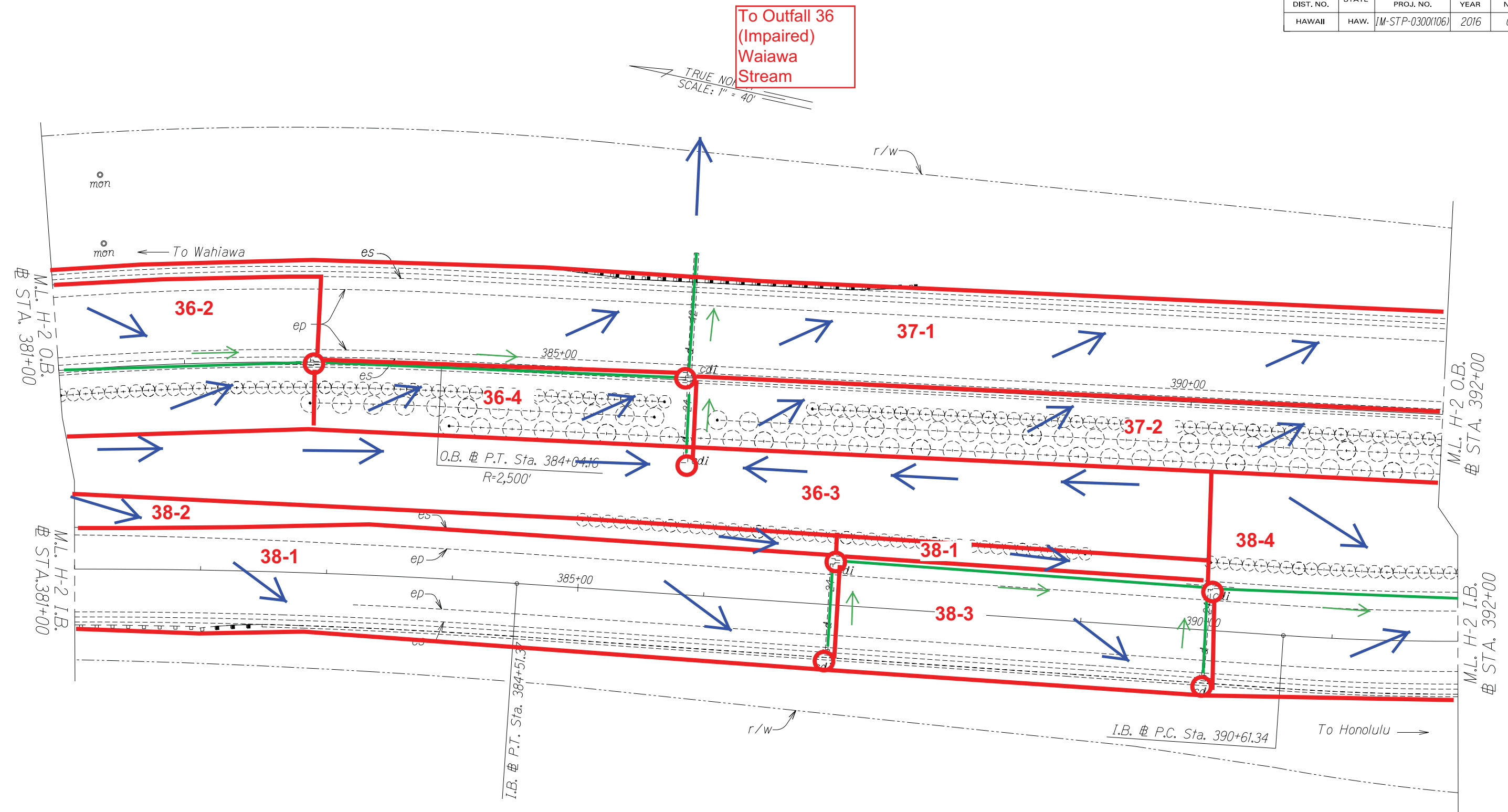


ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N#	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ROADWAY PLANS
 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

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	

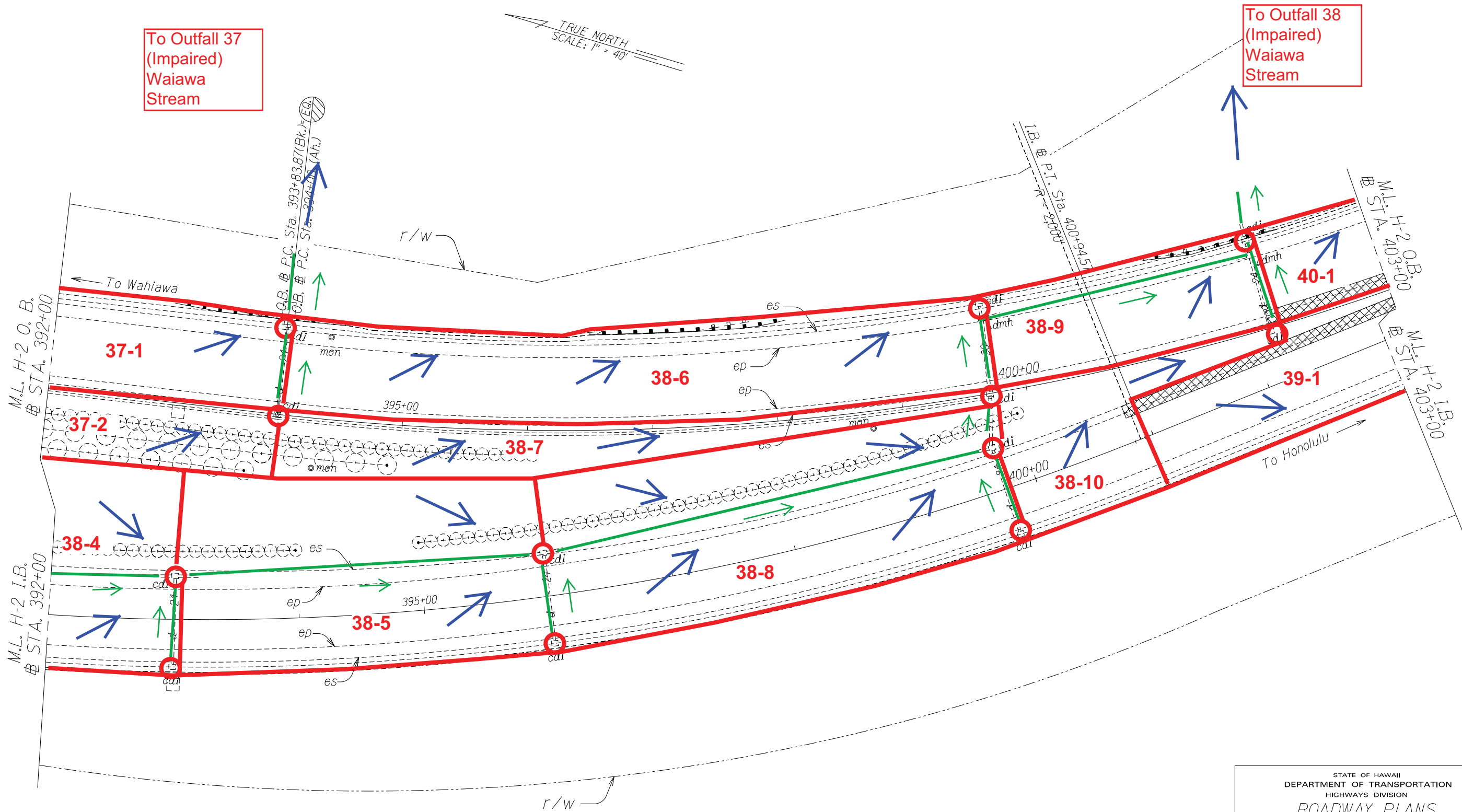
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
*INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY*
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 26 OF 33 SHEETS

Date: June 28, 2016

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

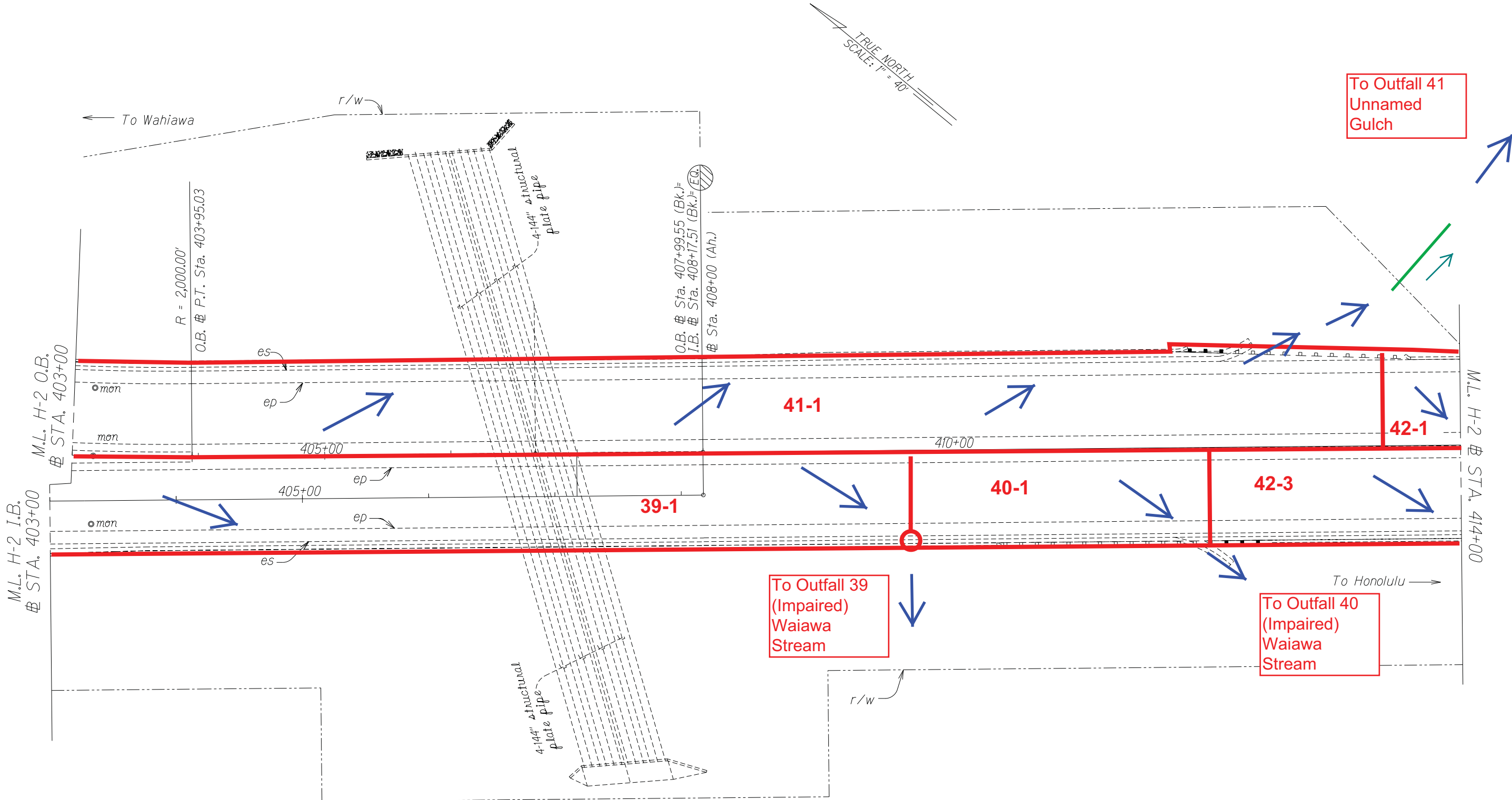
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	
	N.	



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. 27 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

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

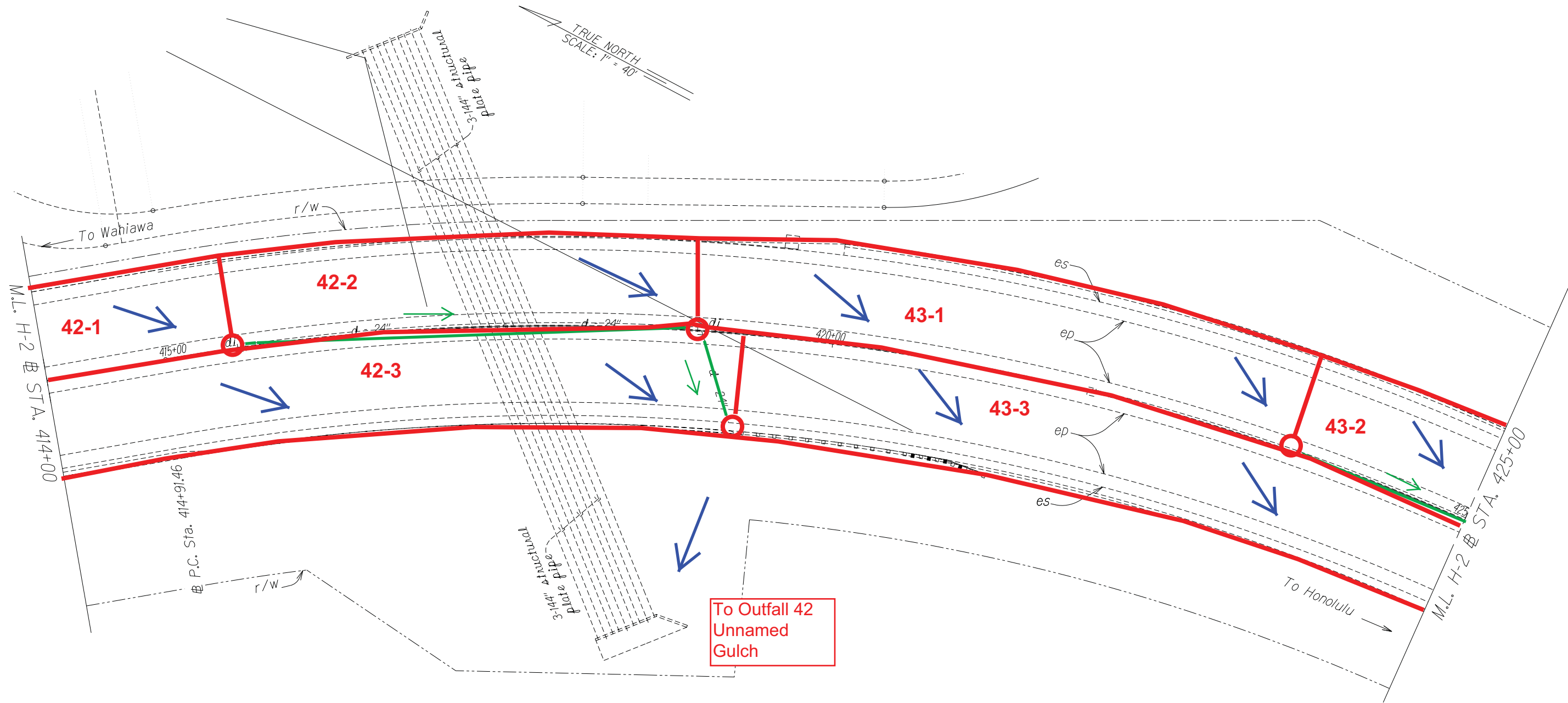


STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 29 OF 33 SHEETS

Date: Dec. 9, 2015

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



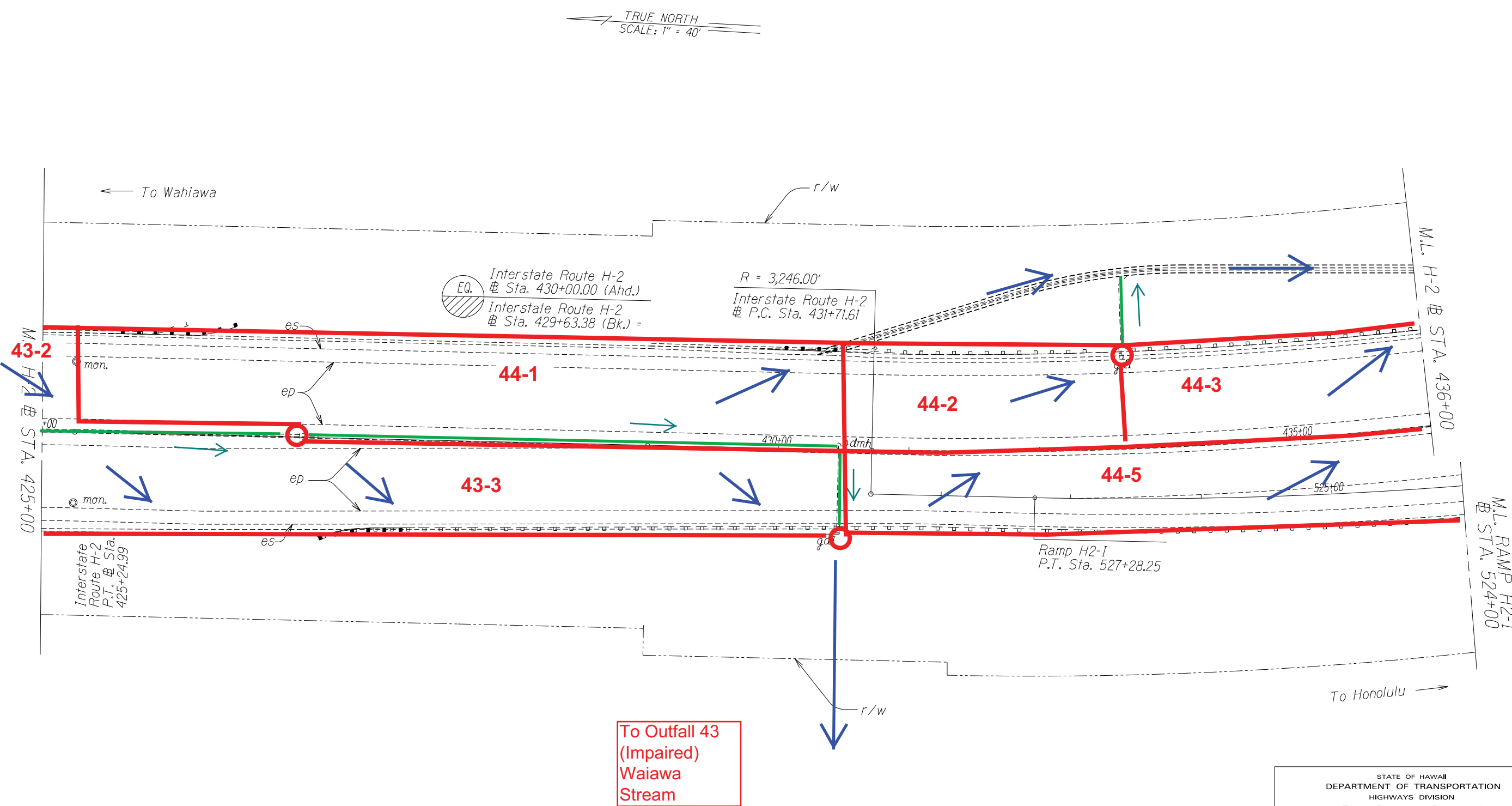
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
N.	TRACED BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
*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. 30 OF 33 SHEETS

Date: Dec. 10, 2015

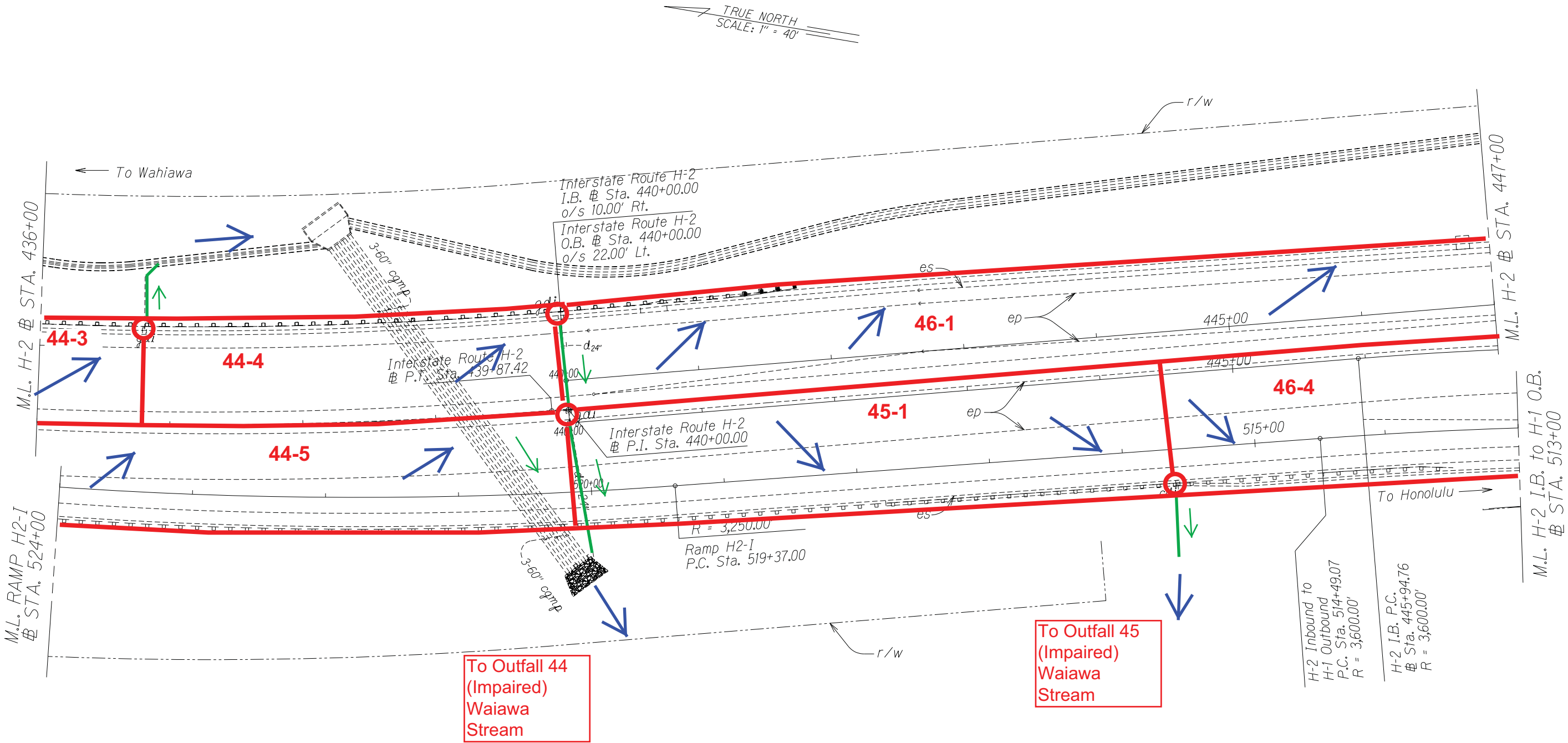
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



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

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. 31 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



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

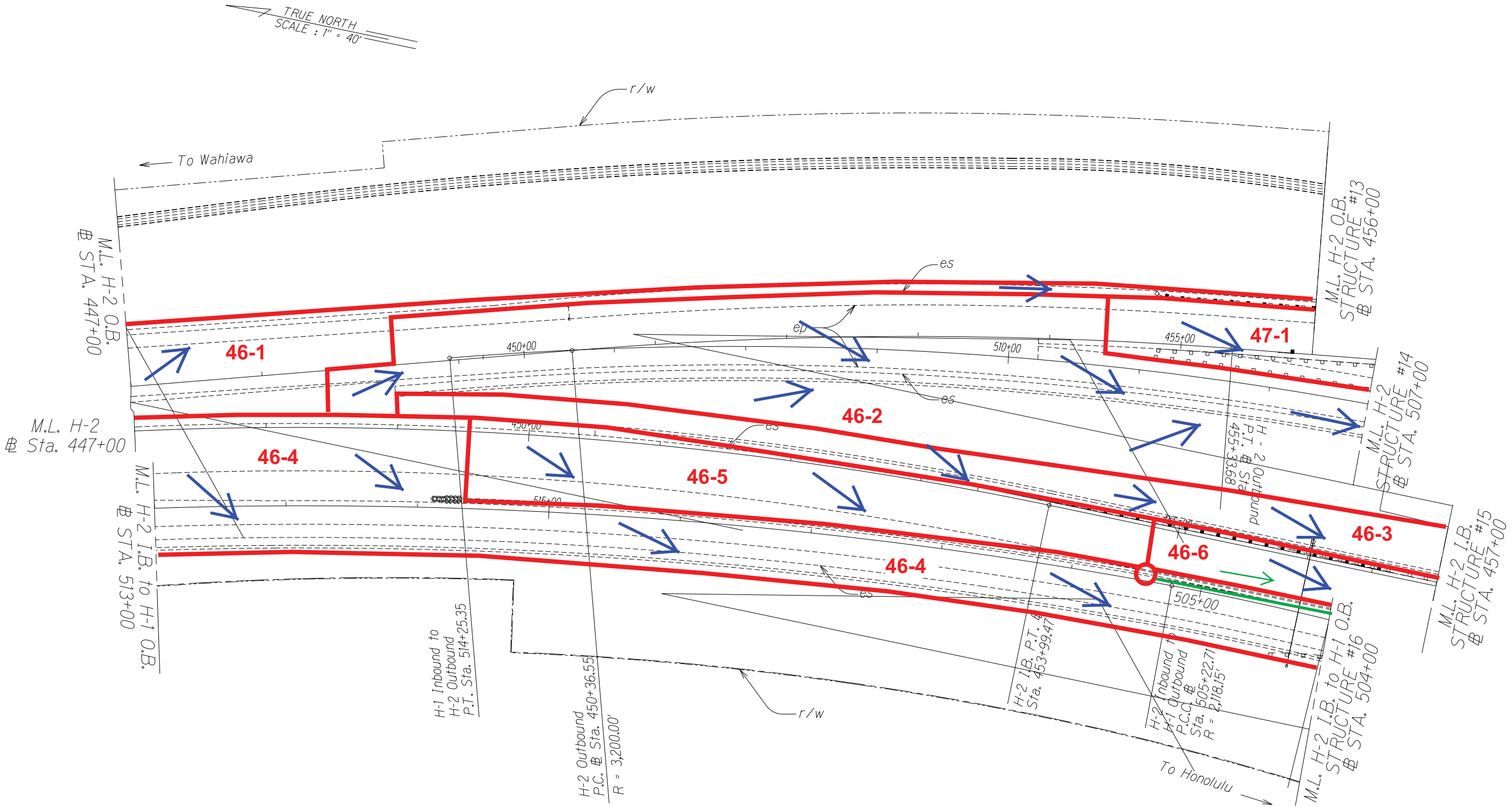
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements

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

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

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

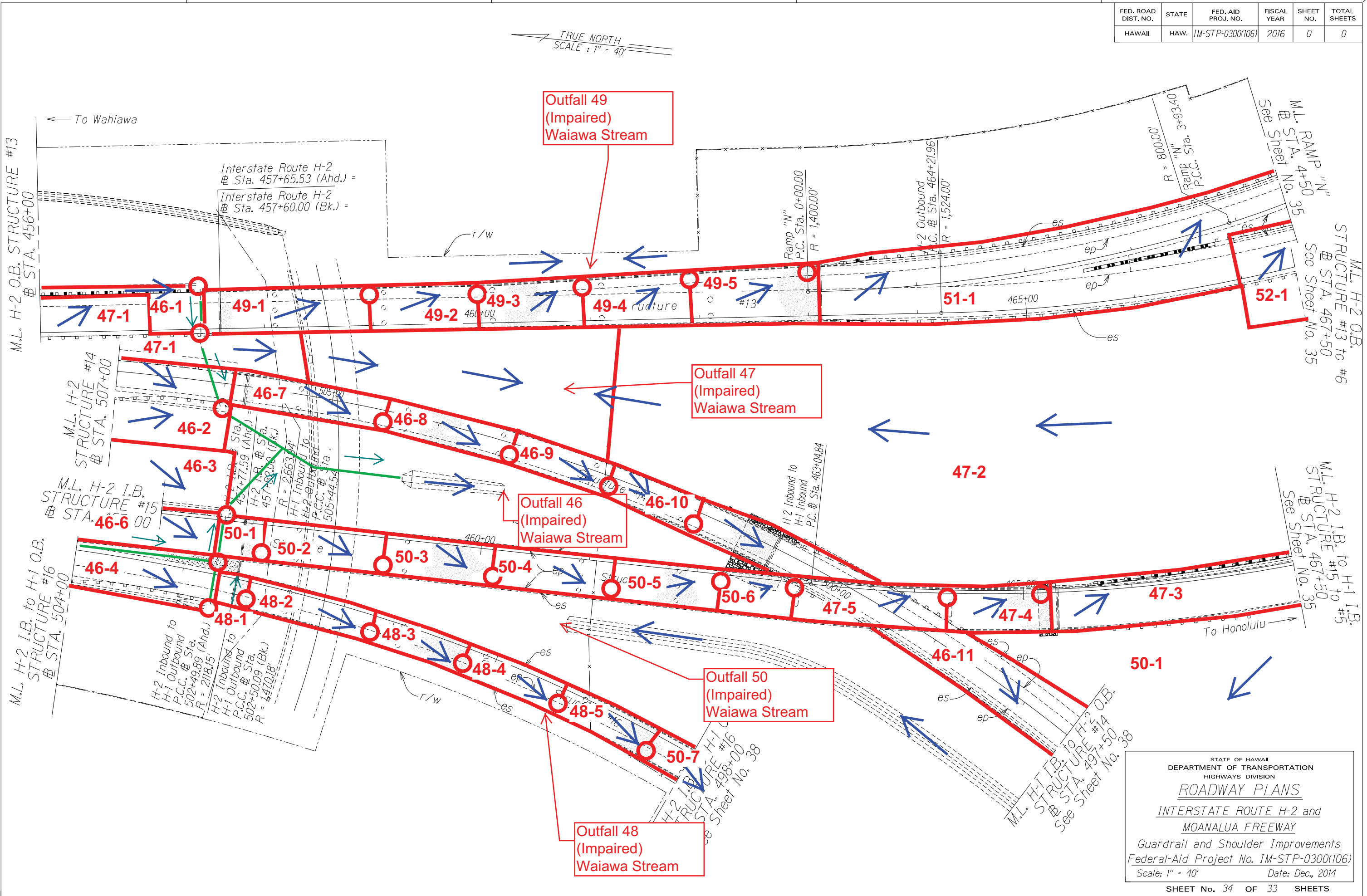
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

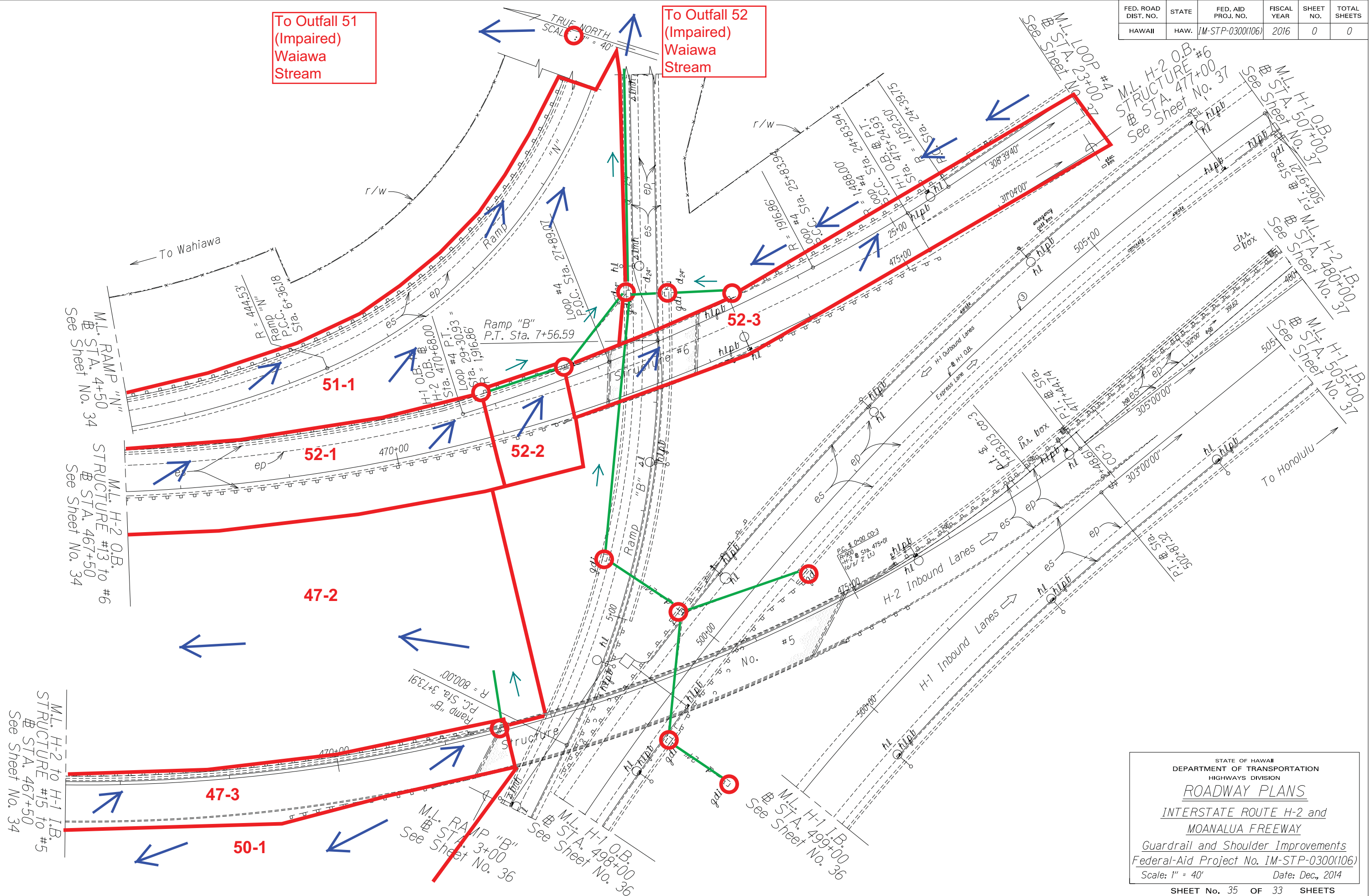
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	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

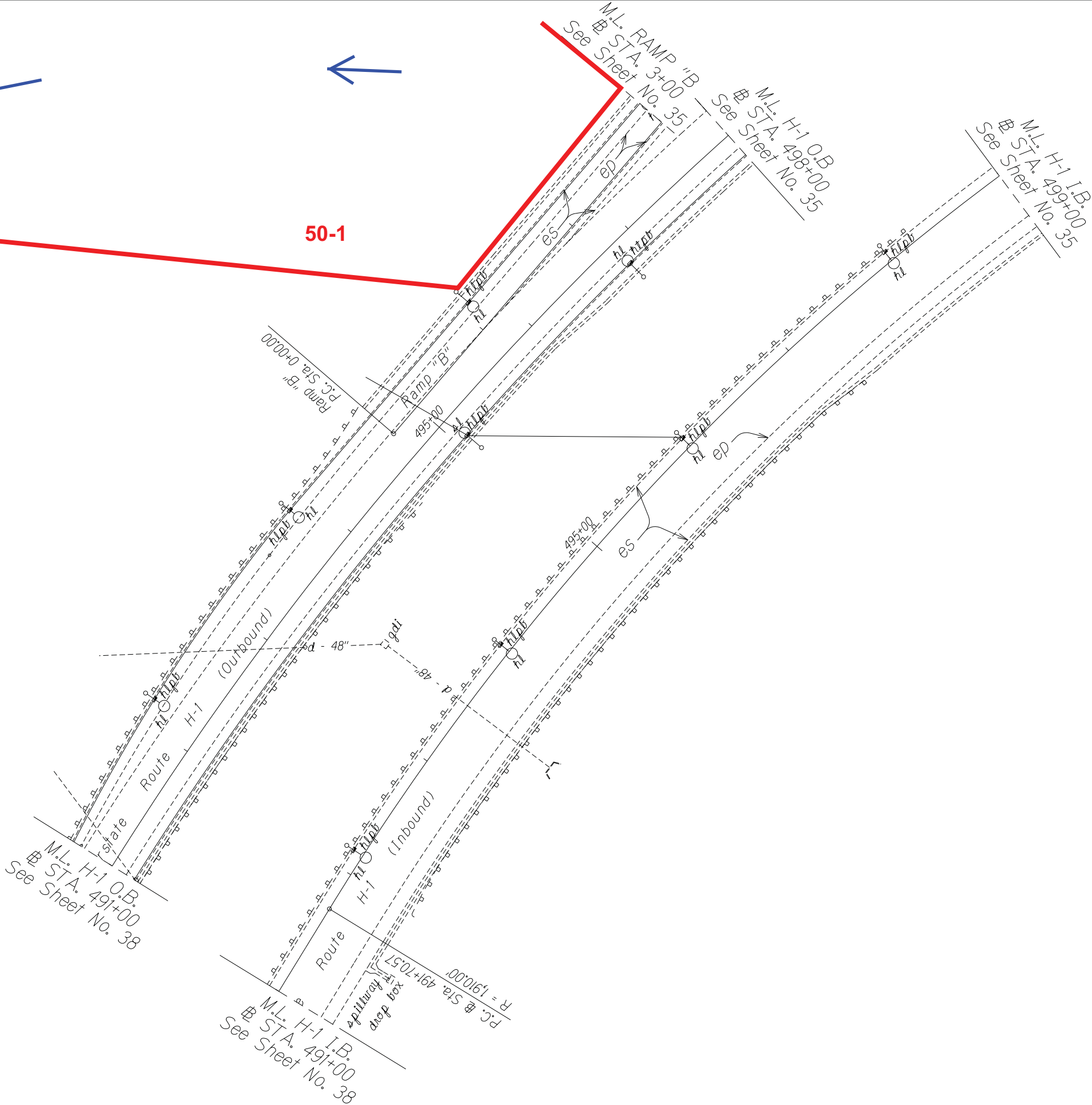
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	



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

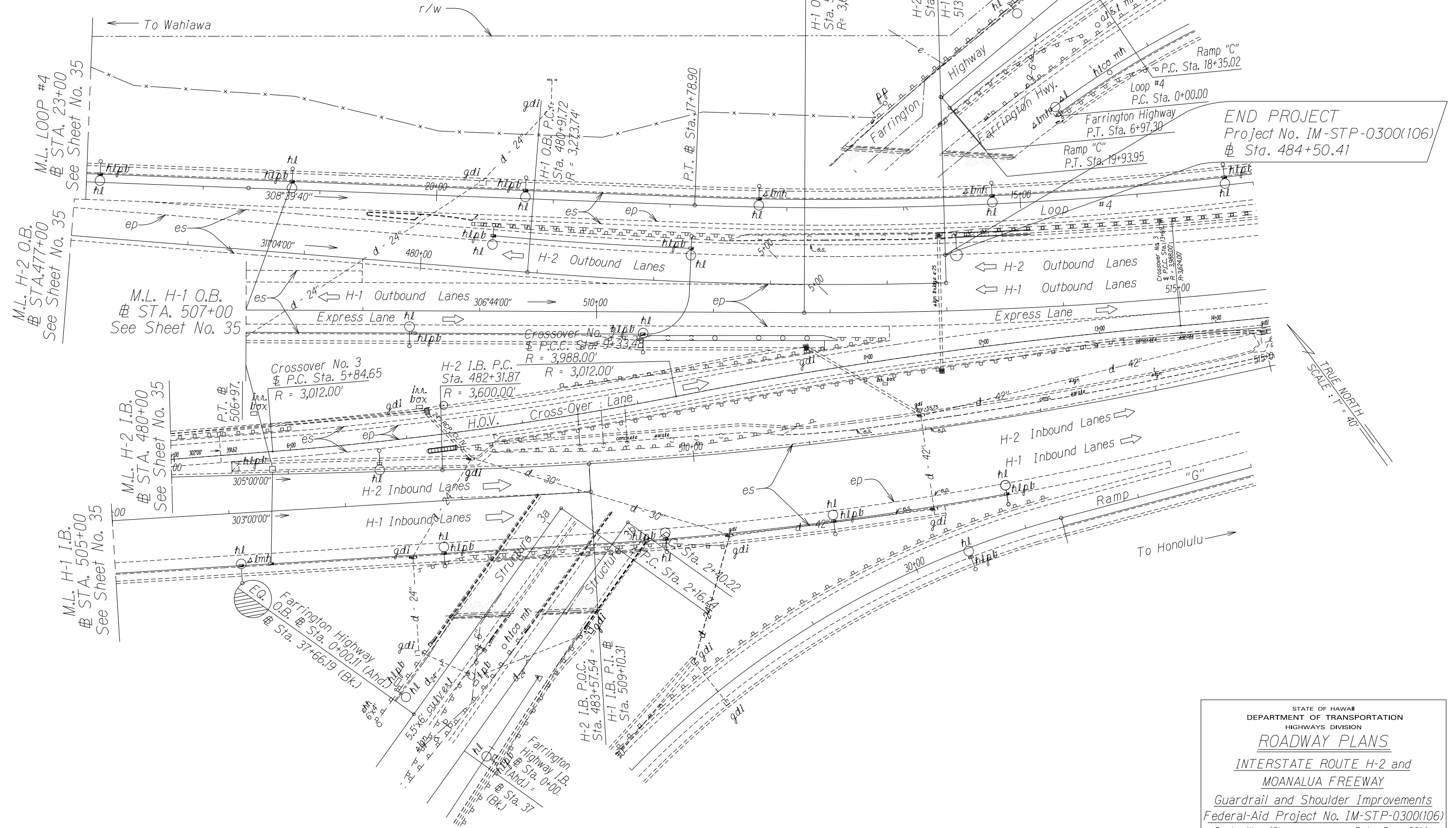
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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N#	INCHES BY	
	QUANTITIES BY	
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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

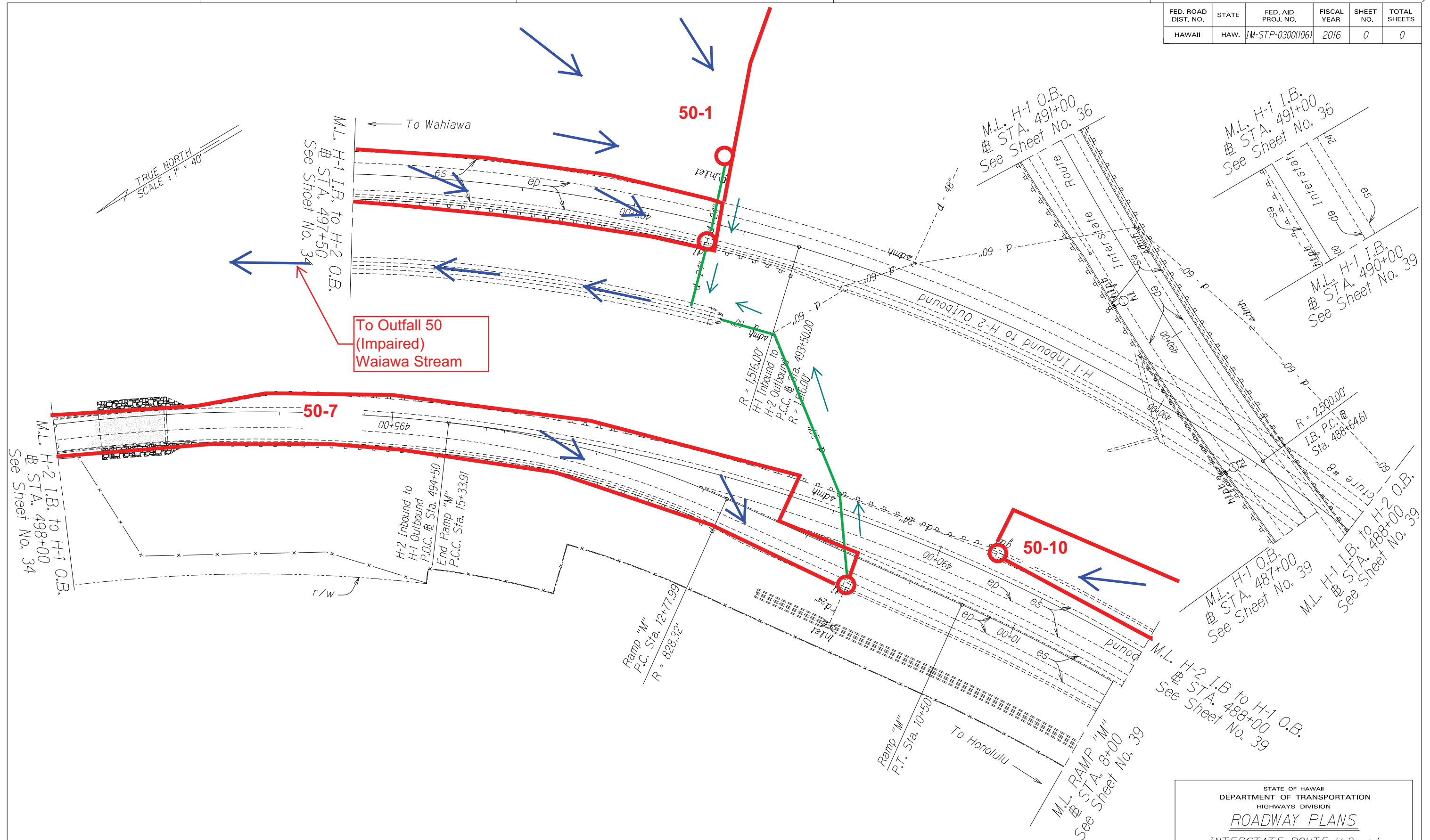
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAW.	IM-STP-0300(106)	2016	0	0



ORIGINAL PLAN	DATE
DRAWN BY	
NOTED BY	
CHECKED BY	

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. 37 OF 33 SHEETS

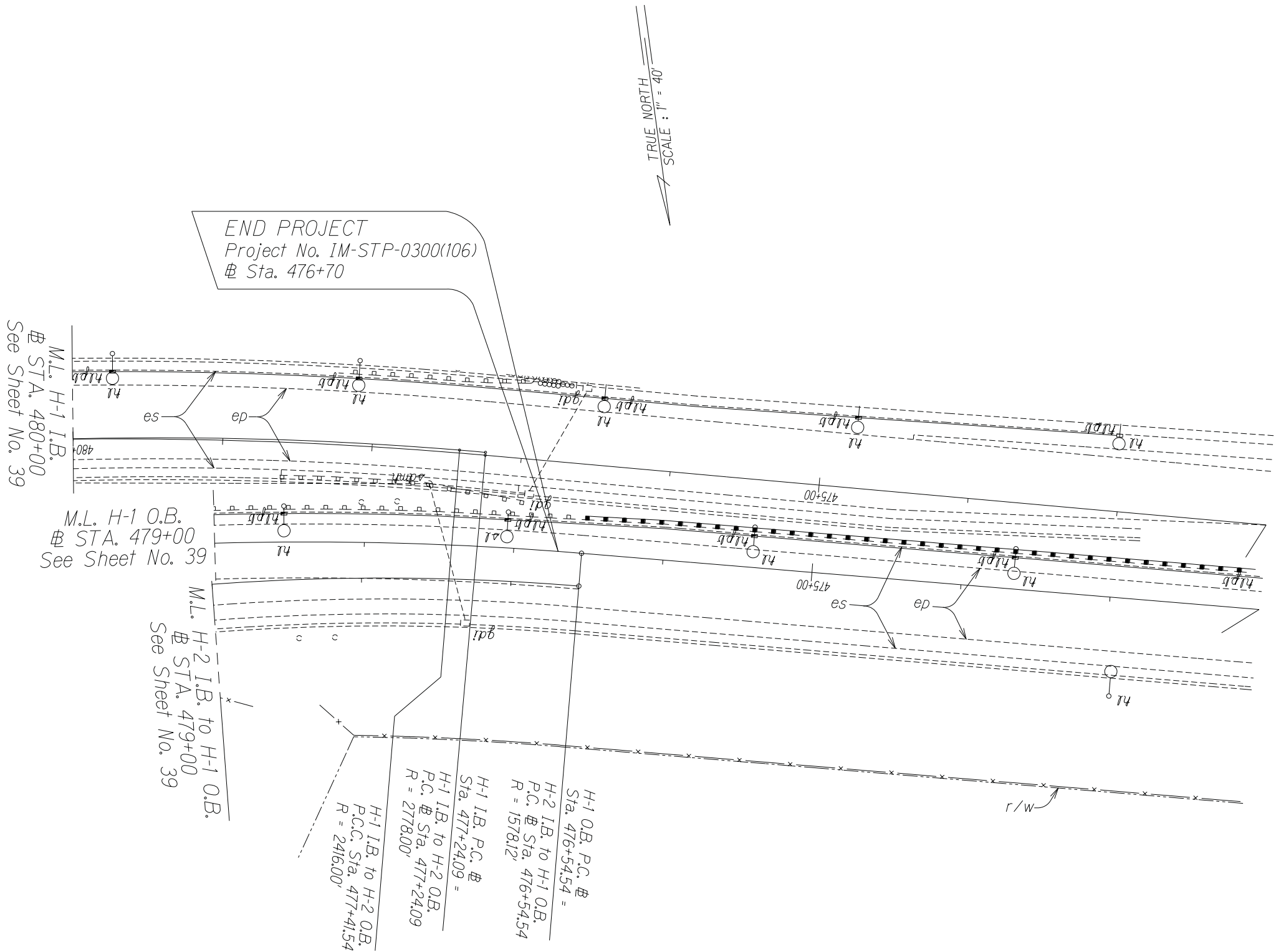
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2016	0	0



ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	•
	TRACED BY _____	•
	DESIGNED BY _____	•
	QUANTITIES BY _____	•
N _o _____	CHECKED BY _____	•

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

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

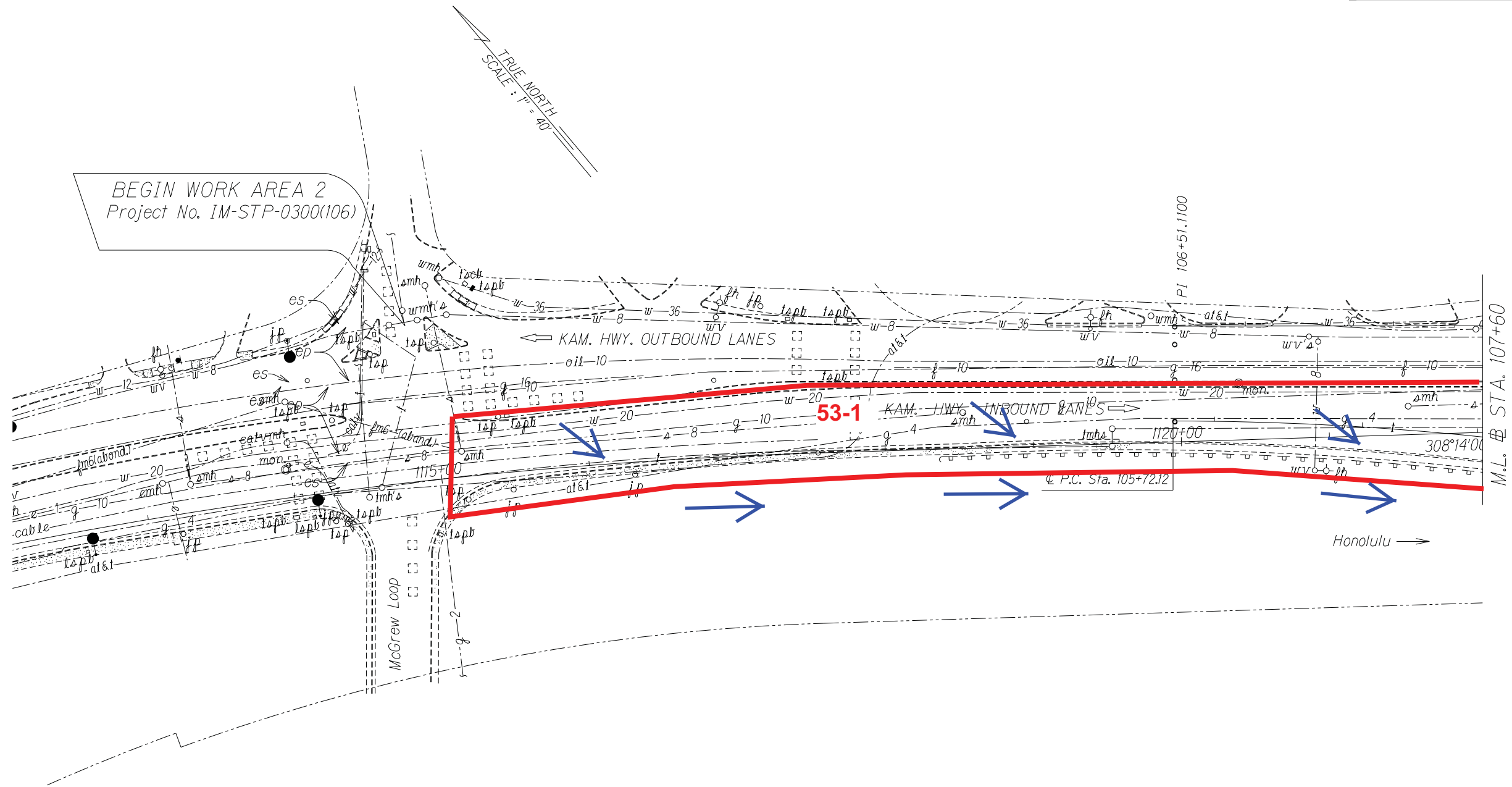
SHEET No. 40 OF 33 SHEETS

June 15, 2016

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ORIGINAL PLAN	DATE
DRAWN BY	
CHECKED BY	
INCHES BY	
QUANTITIES BY	
CHECKED BY	
N°	

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



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
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N.	INCHES BY	
	QUANTITIES BY	
	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

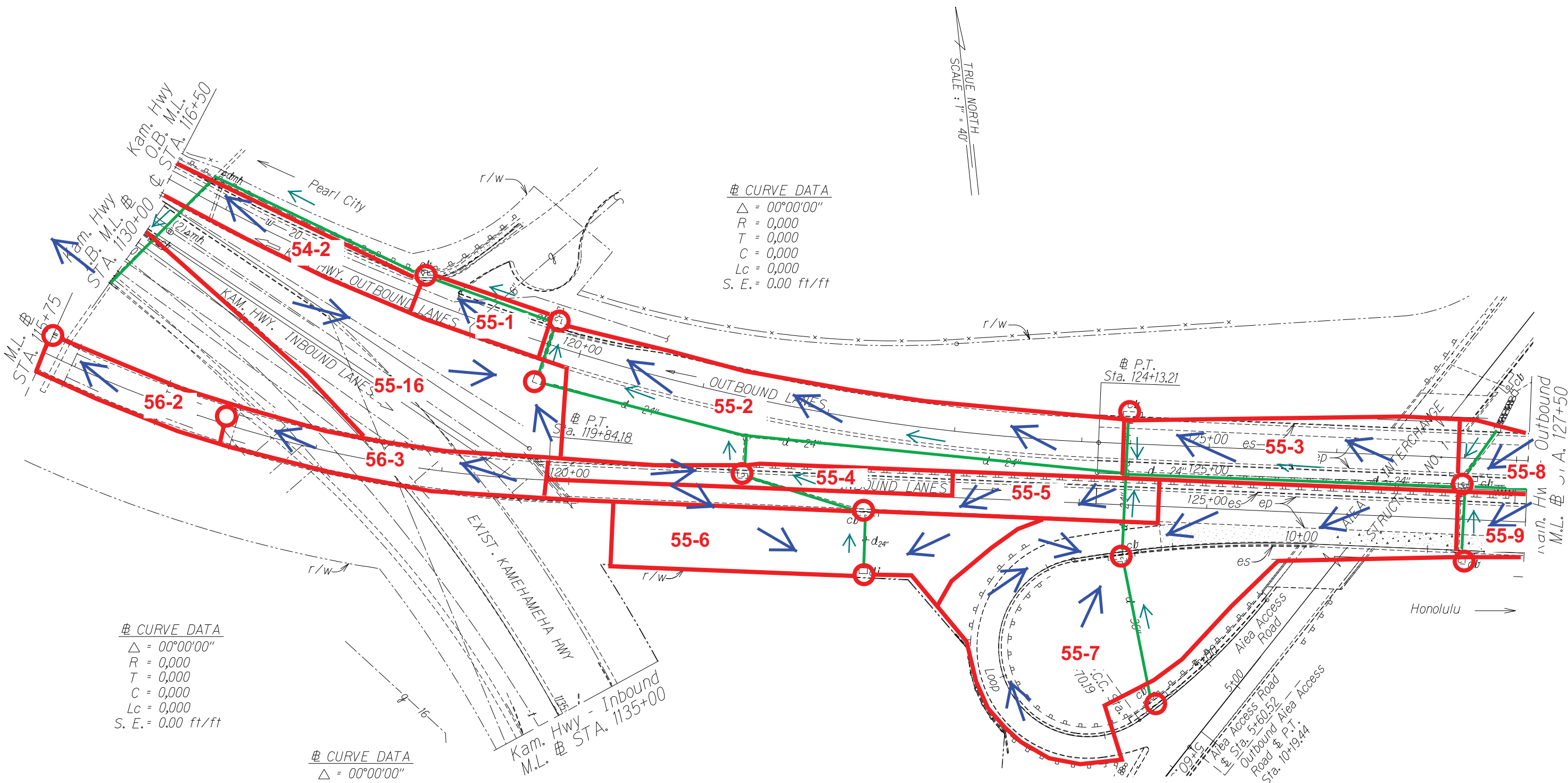
**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

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

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

SHEET No. 41 OF 45 SHEETS

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



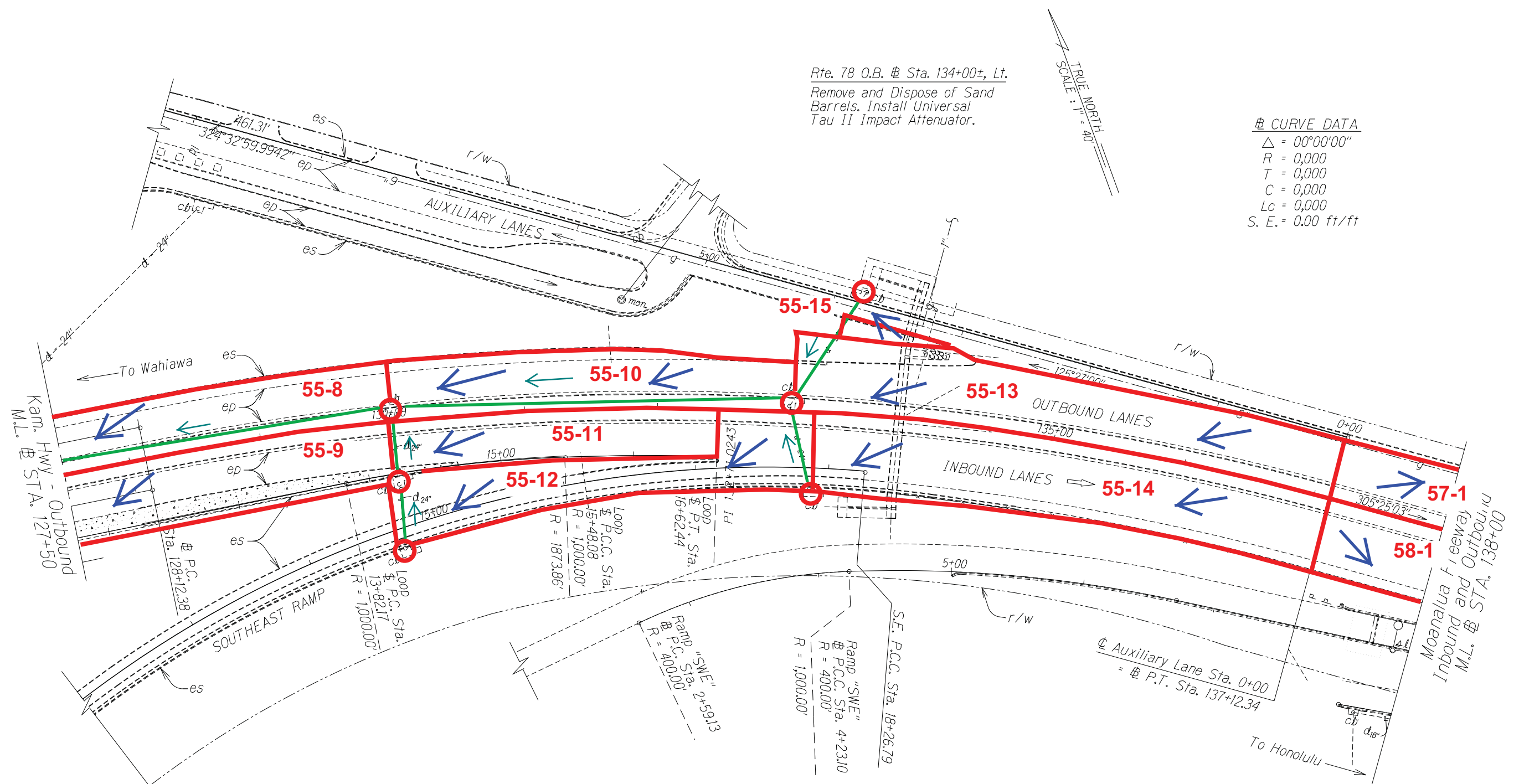
Curve Data
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 $R = 0,000$
 $T = 0,000$
 $C = 0,000$
 $Lc = 0,000$
 $S. E. = 0.00 \text{ ft/ft}$

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

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

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

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



Rte. 78 O.B. @ Sta. 134+00±, Lt.
Remove and Dispose of Sand
Barrels. Install Universal
Tau II Impact Attenuator.

TRUE NORTH
SCALE: 1" = 40'

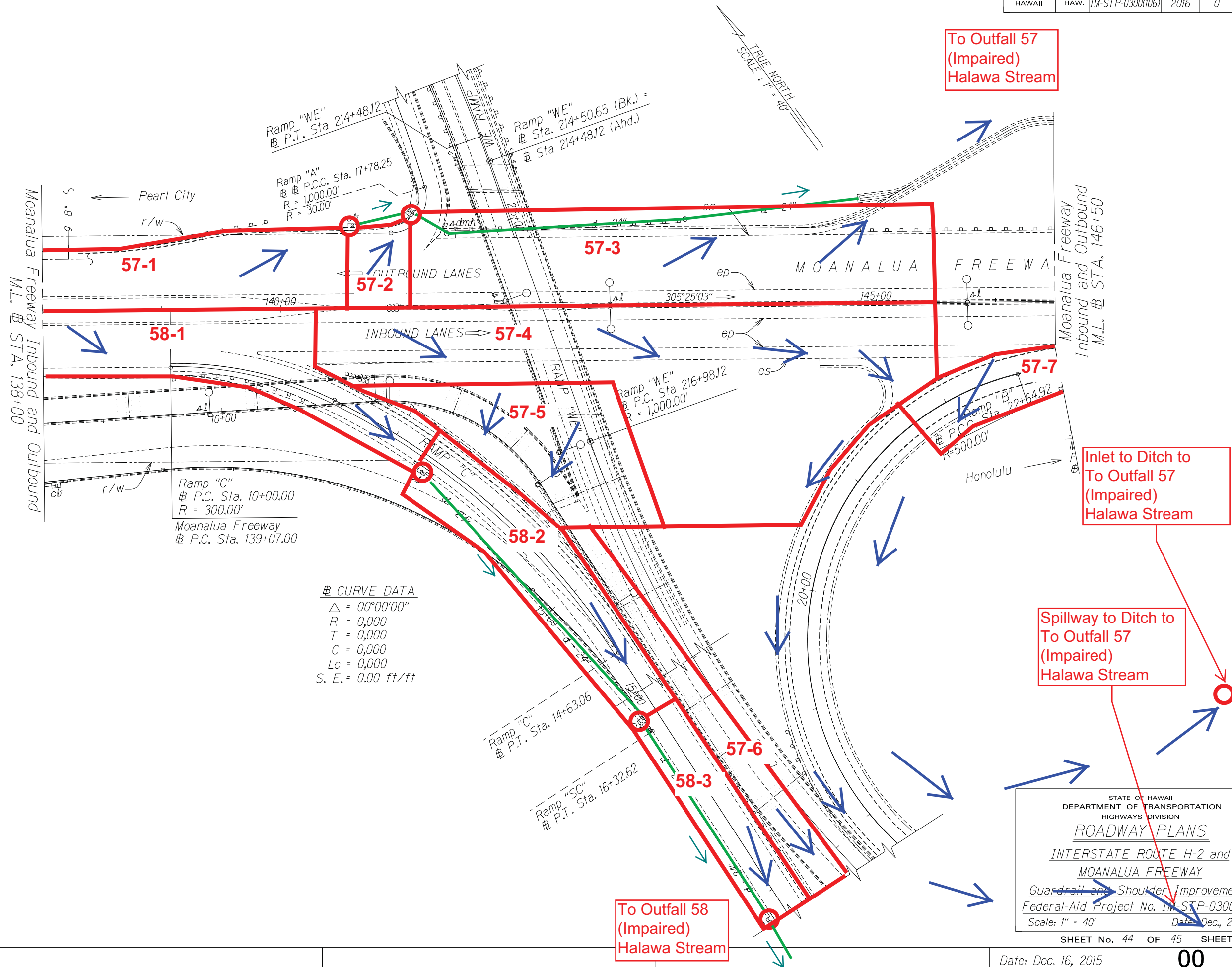
CURVE DATA
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R = 0,000
T = 0,000
C = 0,000
Lc = 0,000
S. E. = 0.00 ft/ft

ORIGINAL PLAN	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
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40'
Date: Dec., 2014

SHEET No. 43 OF 45 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

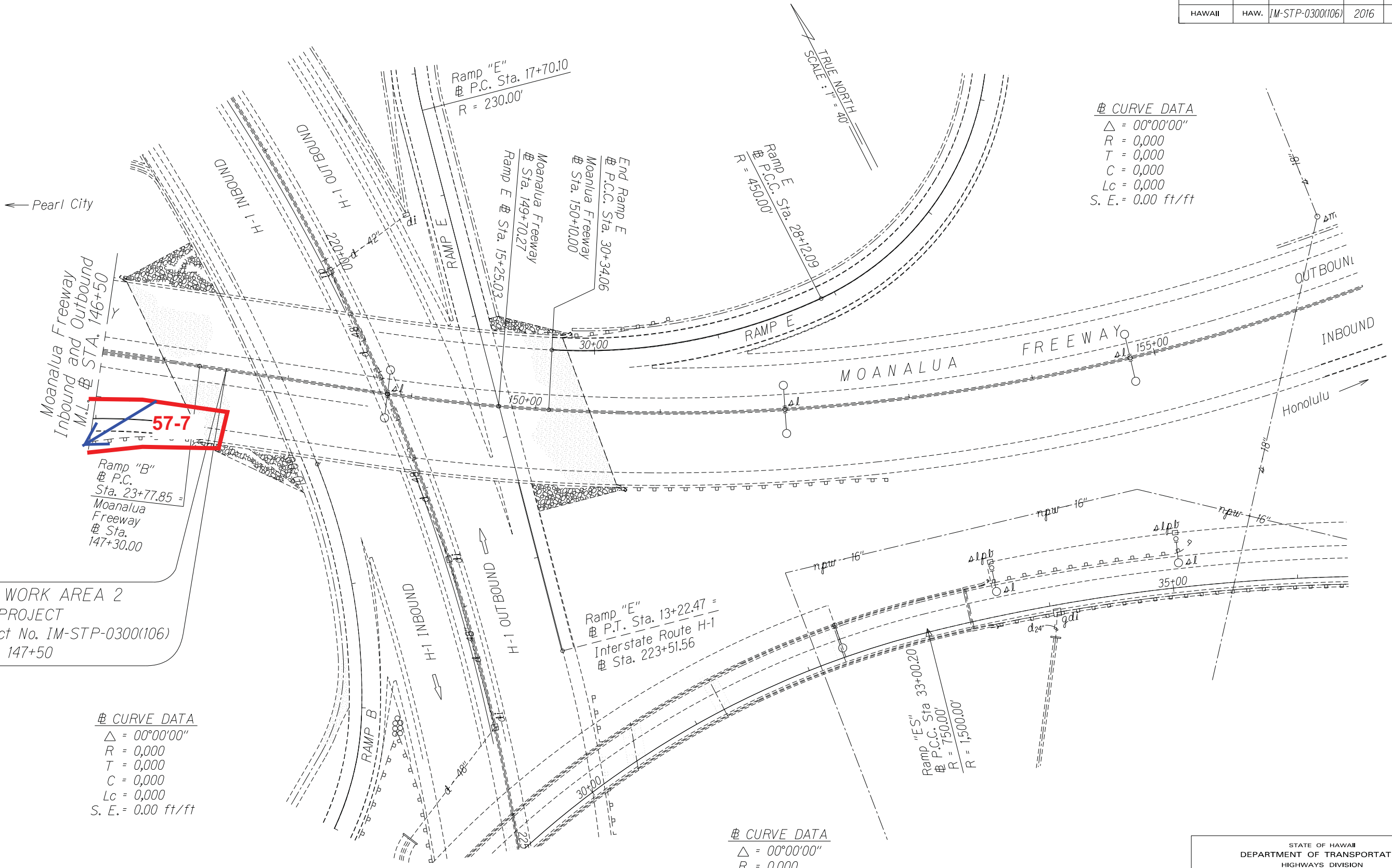


CURVE DATA
 $\Delta = 00^{\circ}00'00''$
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T = 0,000
C = 0,000
Lc = 0,000
S. E. = 0.00 ft/ft

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

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

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



CURVE DATA
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 $T = 0,000$
 $C = 0,000$
 $Lc = 0,000$
 $S. E. = 0.00 \text{ ft/ft}$

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

END WORK AREA 2
END PROJECT
Project No. IM-STP-0300(106)
Sta. 147+50

SURVEY PLOTTED BY	DATE
DRAWN BY	
INCHES BY	
QUANTITIES BY	
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
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