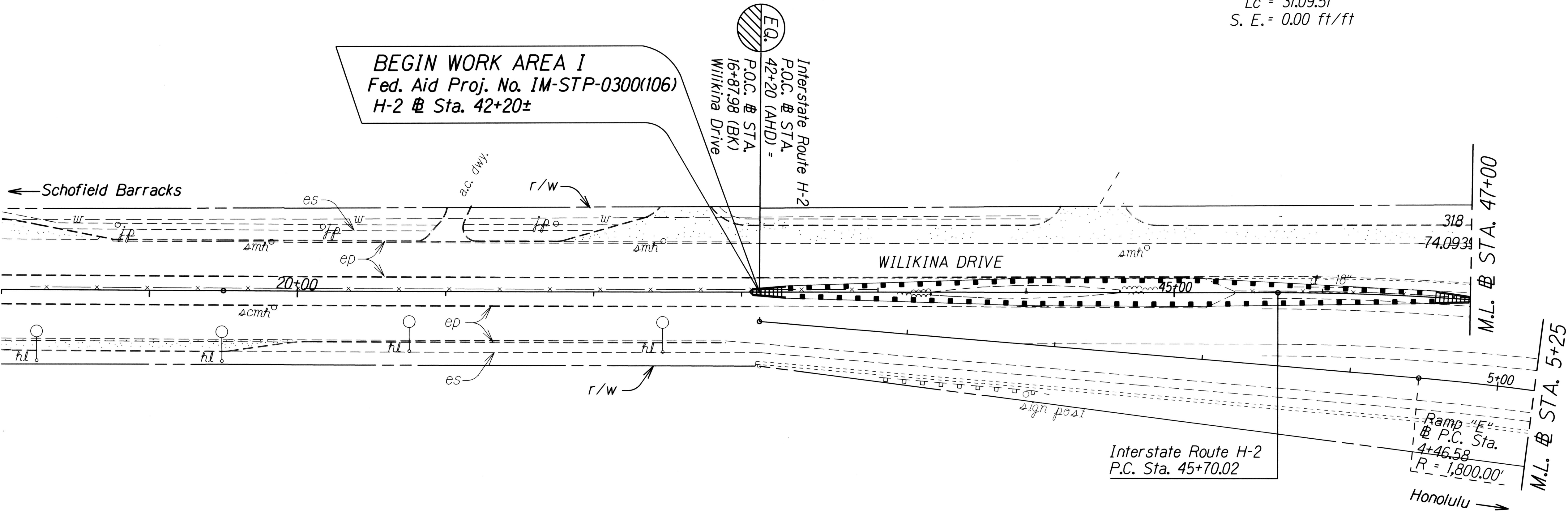


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	26	193

Wilikina Drive @ Sta. 16.49.98± to H-2 @ Sta. 47+33.5± Median
 Remove and Dispose of 210.00 L.F. of Guardrail, Rub Rail, Posts, Sand Barrels, and a Total of 300.00 L.F. of Chain Link Fence. Install 875.00 L.F. of New and/or Salvaged Thrie Beam and Strong Posts at the Edge of Curb with 18:1 Flare for Approaches. Install Tau II Impact Attenuators with a 18:1 Flare. Long Span with Double Blockout Over 24 inch CMP at Approximately 45+80± Outbound.

H-2 @ CURVE DATA
 $\Delta = 97^{\circ} 05'50''$
 $R = 1834.88'$
 $T = 2077.50'$
 $C = 2750.55'$
 $L_c = 31.09.5'$
 $S. E. = 0.00 \text{ ft/ft}$



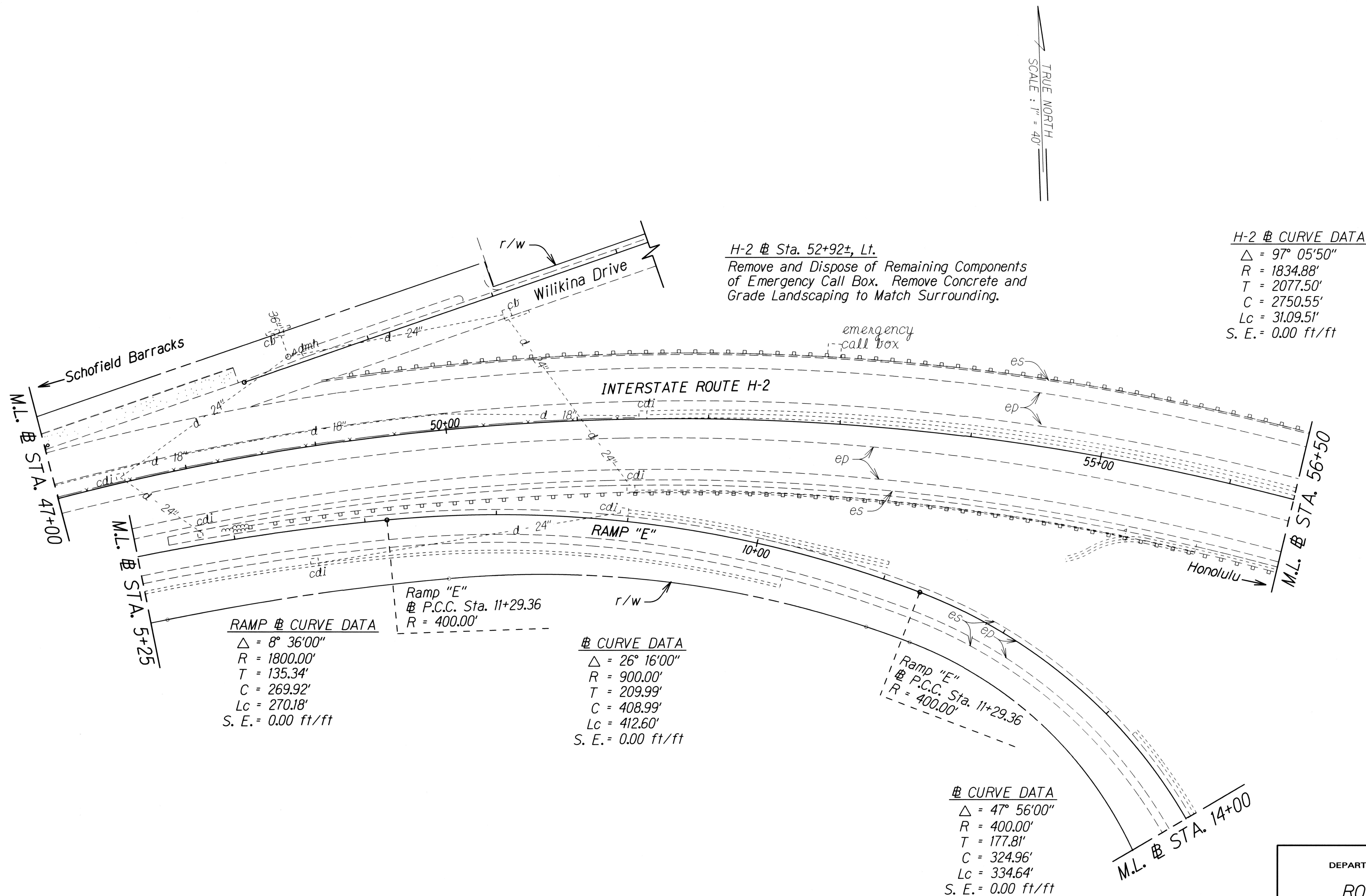
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED BY	

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: April, 2017

SHEET No. 1 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	27	193



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

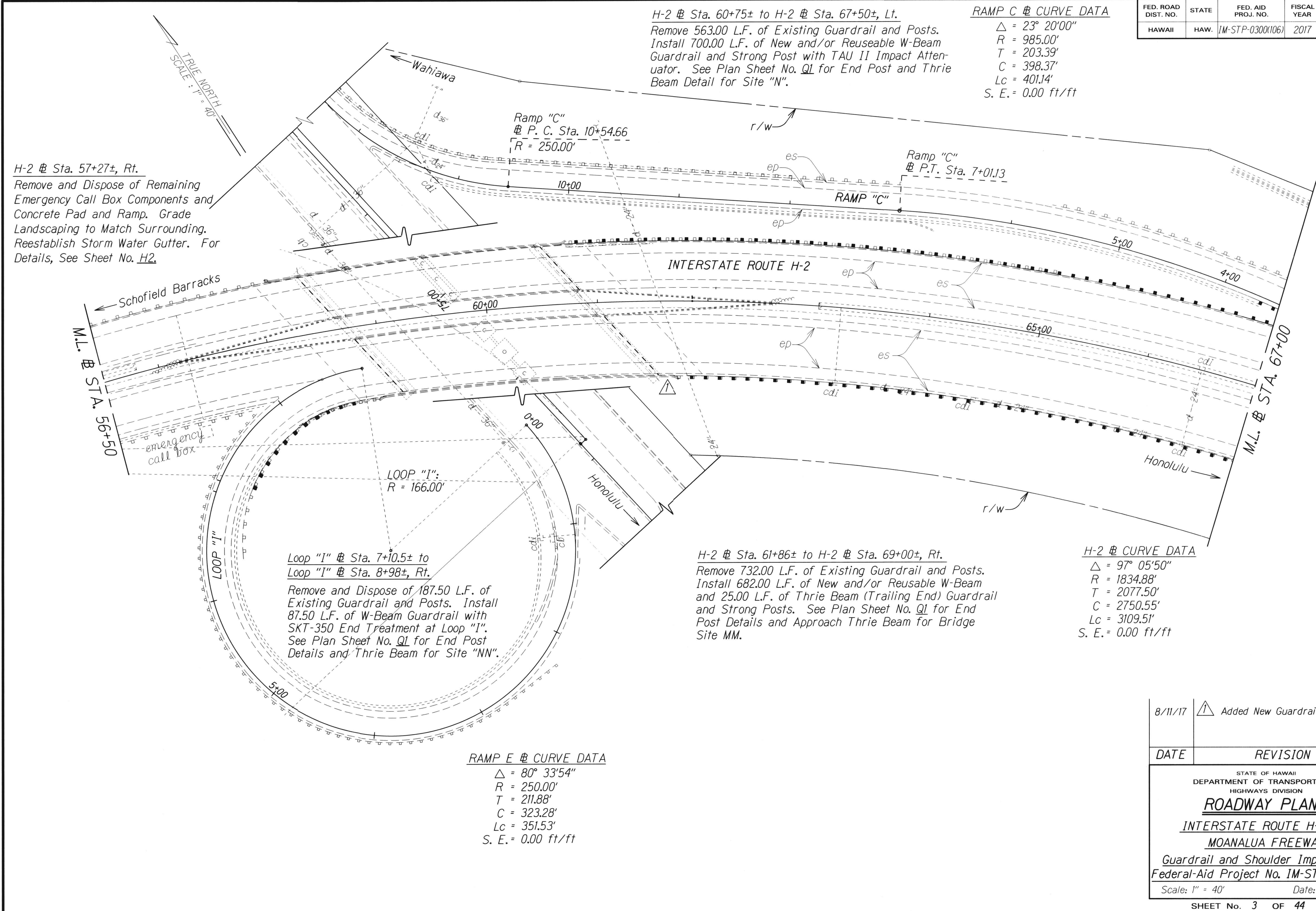
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

Scale: 1" = 40' Date: April, 2017

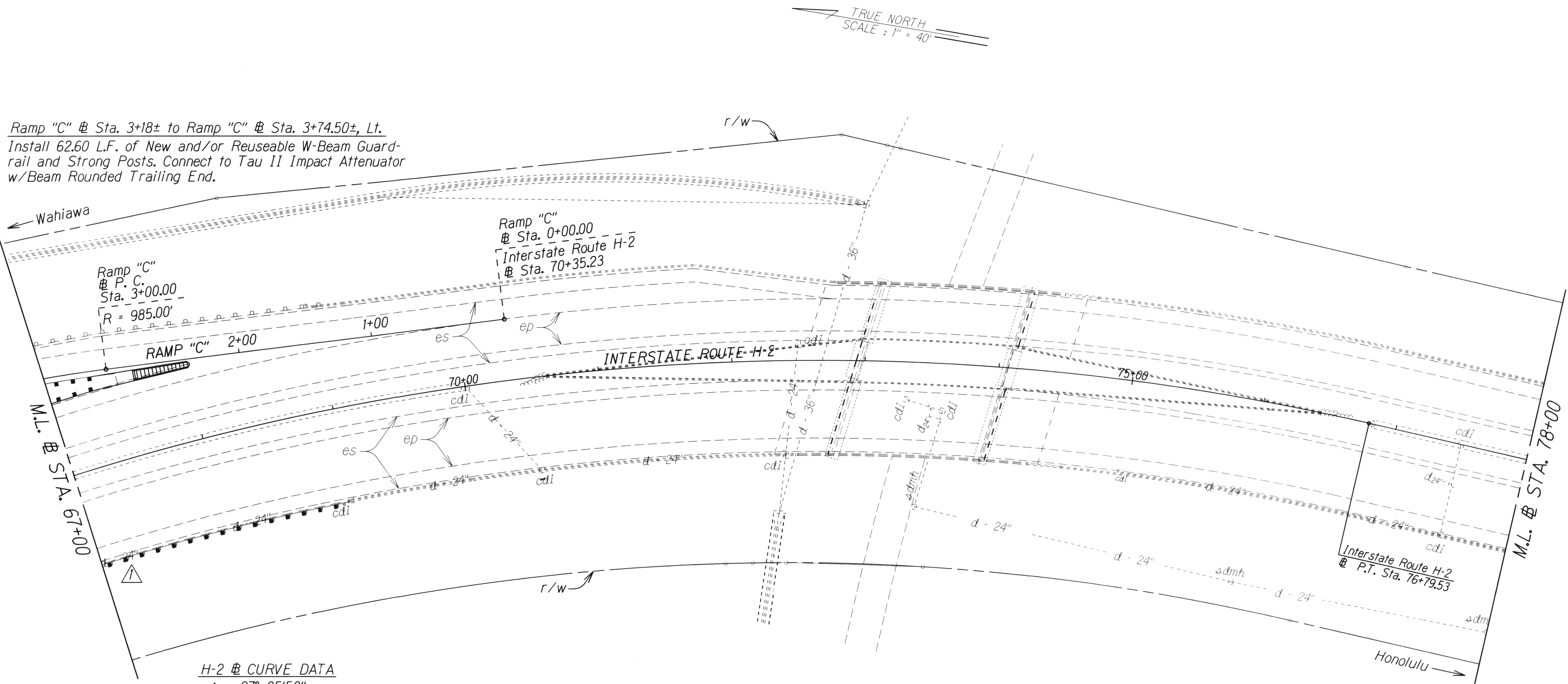
SHEET No. 2 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 28	193



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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 29	193



Ramp "C" @ Sta. 3+18± to Ramp "C" @ Sta. 3+74.50±, Lt.
 Install 62.60 L.F. of New and/or Reuseable W-Beam Guard-rail and Strong Posts. Connect to Tau II Impact Attenuator w/Beam Rounded Trailing End.

H-2 @ CURVE DATA
 $\Delta = 97^{\circ} 05'50''$
 $R = 1834.88'$
 $T = 2077.50'$
 $C = 2750.55'$
 $L_c = 3109.51'$
 $S. E. = 0.00 \text{ ft/ft}$

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

8/11/17 Added New Guardrail.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

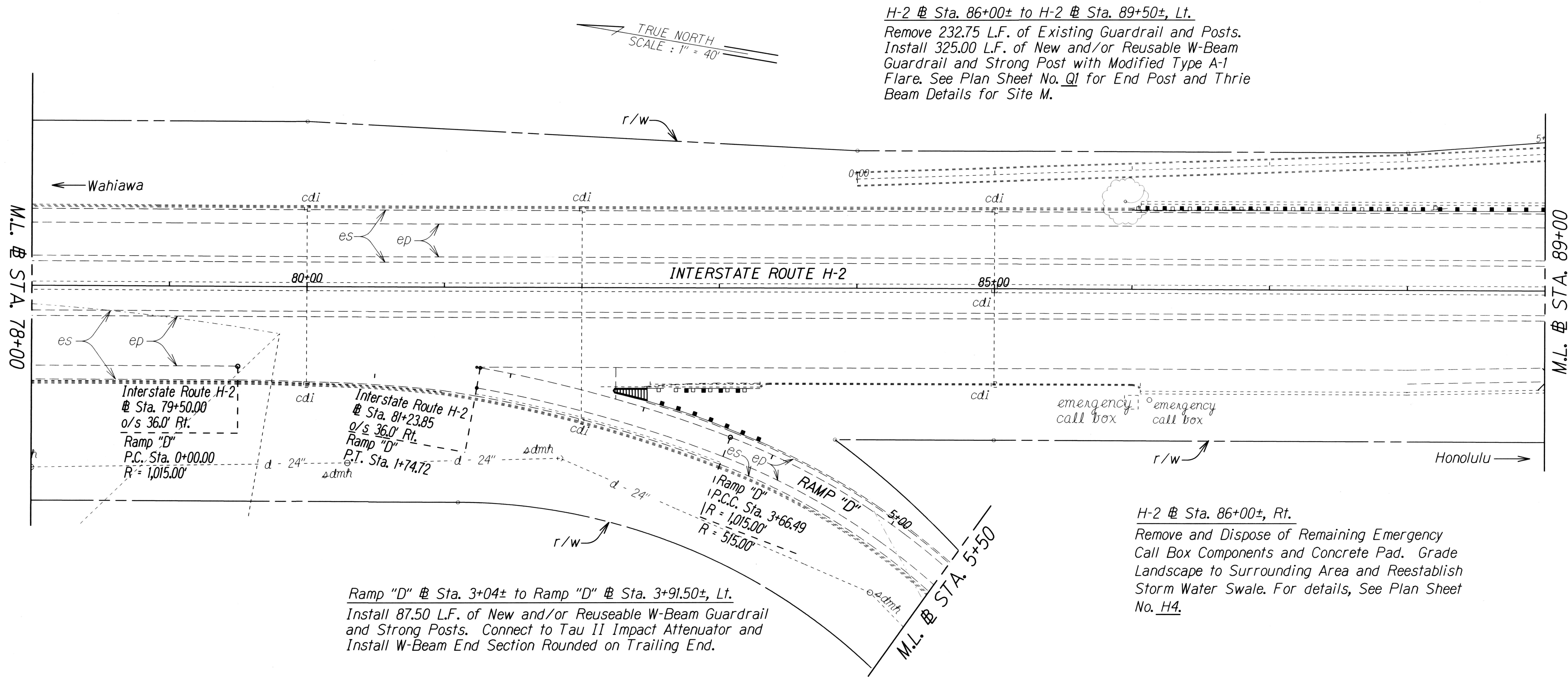
ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

Scale: 1" = 40' Date: April, 2017

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	30	195



H-2 @ Sta. 86+00± to H-2 @ Sta. 89+50±, Lt.
 Remove 232.75 L.F. of Existing Guardrail and Posts.
 Install 325.00 L.F. of New and/or Reusable W-Beam
 Guardrail and Strong Post with Modified Type A-1
 Flare. See Plan Sheet No. QI for End Post and Thrie
 Beam Details for Site M.

Ramp "D" @ Sta. 3+04± to Ramp "D" @ Sta. 3+91.50±, Lt.
 Install 87.50 L.F. of New and/or Reuseable W-Beam Guardrail
 and Strong Posts. Connect to Tau II Impact Attenuator and
 Install W-Beam End Section Rounded on Trailing End.

H-2 @ Sta. 86+00±, Rt.
 Remove and Dispose of Remaining Emergency
 Call Box Components and Concrete Pad. Grade
 Landscape to Surrounding Area and Reestablish
 Storm Water Swale. For details, See Plan Sheet
 No. H4.

H-2 @ Sta. 82+50± to H-2 @ Sta. 83+25±, Rt.
 Remove 82.00 L.F. of Existing Guardrail and Posts.
 Install 50.00 L.F. of New and/or Reuseable W-Beam
 and Strong Posts with Tau II Impact Attenuator and
 Connect to New Thrie Beam. For Details, See Plan
 Sheet No. QI for End Post Thrie Beam details for
 Site LL.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

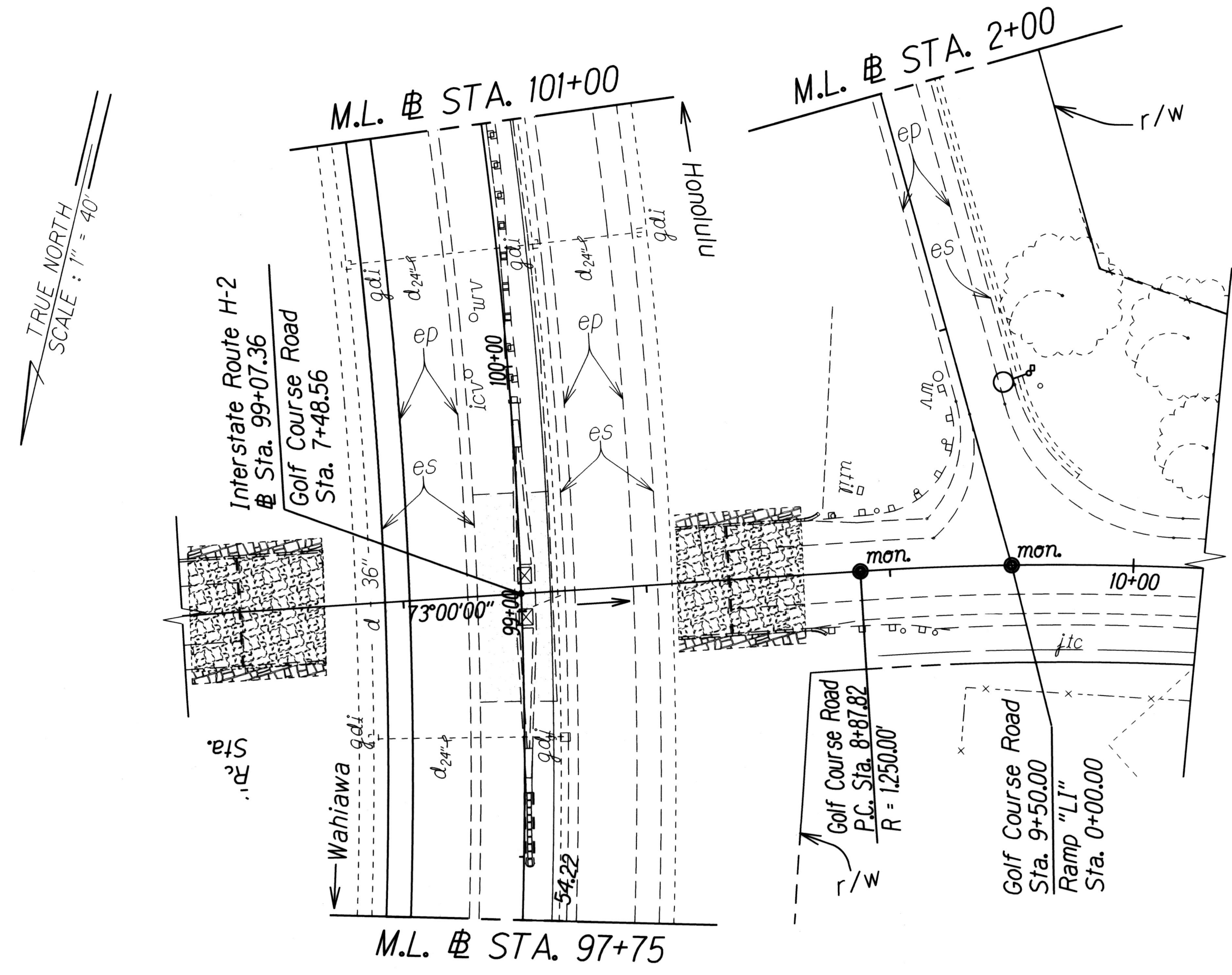
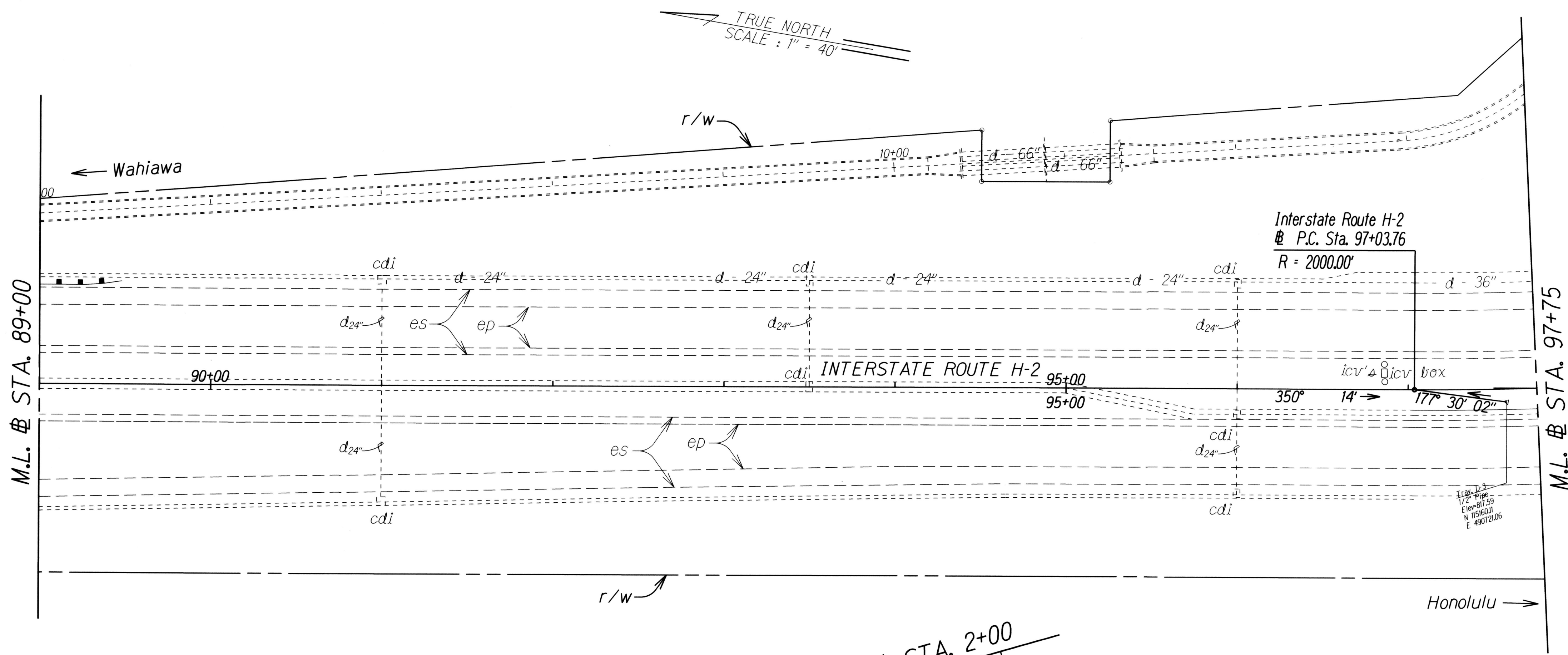
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

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

Scale: 1" = 40' Date: April, 2017

SHEET No. 5 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	31	193



SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED 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)

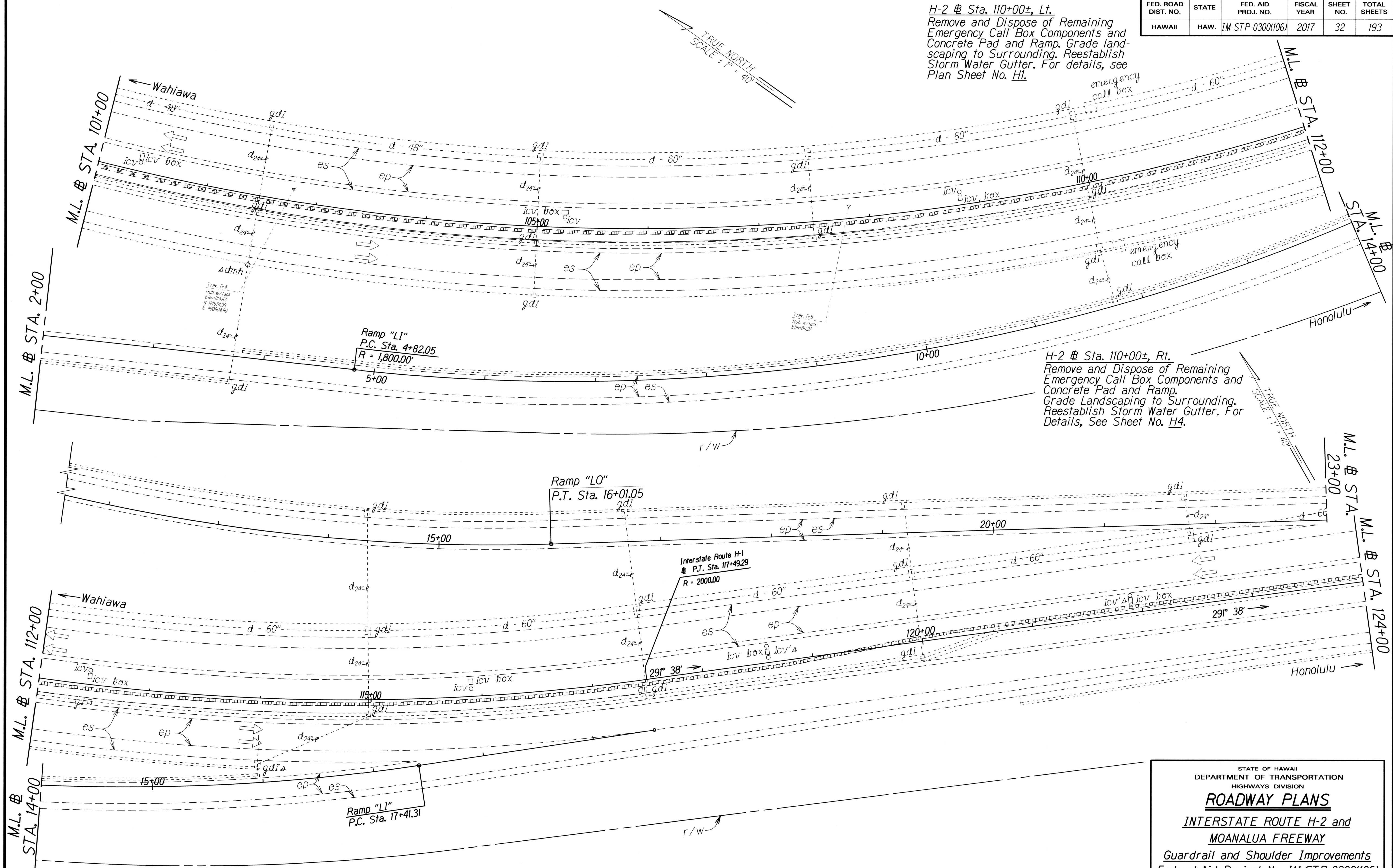
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 6 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	32	193

H-2 @ Sta. 110+00±, Lt.
Remove and Dispose of Remaining Emergency Call Box Components and Concrete Pad and Ramp. Grade landscaping to Surrounding. Reestablish Storm Water Gutter. For details, see Plan Sheet No. H1.

H-2 @ Sta. 110+00±, Rt.
Remove and Dispose of Remaining Emergency Call Box Components and Concrete Pad and Ramp. Grade Landscaping to Surrounding. Reestablish Storm Water Gutter. For Details, See Sheet No. H4.



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

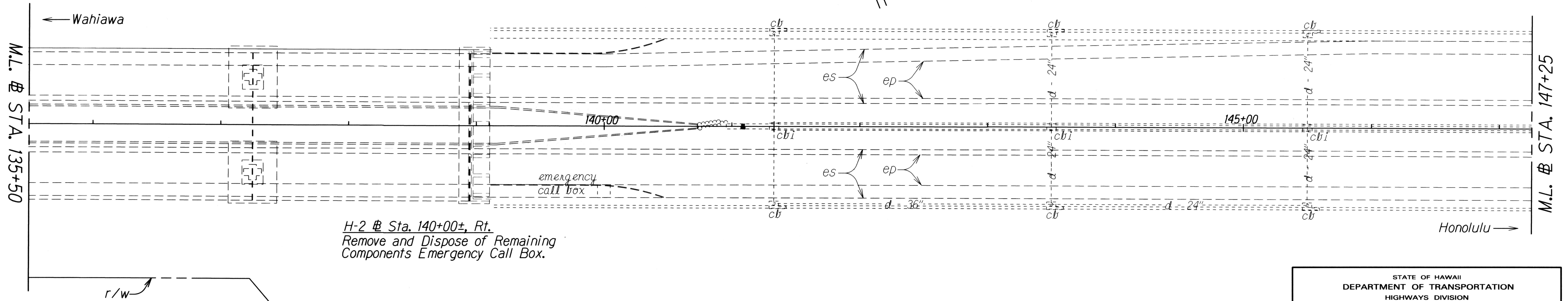
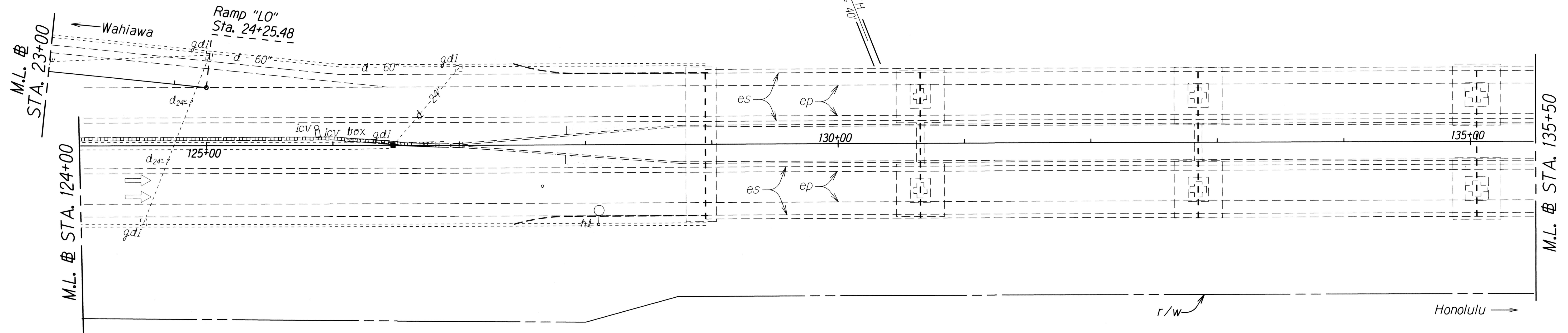
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)

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

SHEET No. 7 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	33	193

H-2 @ Sta. 126+25± to @ Sta. 126+50±, Median
Remove and Reinstall 25.00 L.F. of Existing Double-Sided
Thrie Beam Guardrail. See Plan Sheet No. Q1 for End
Post Details for Site KK.



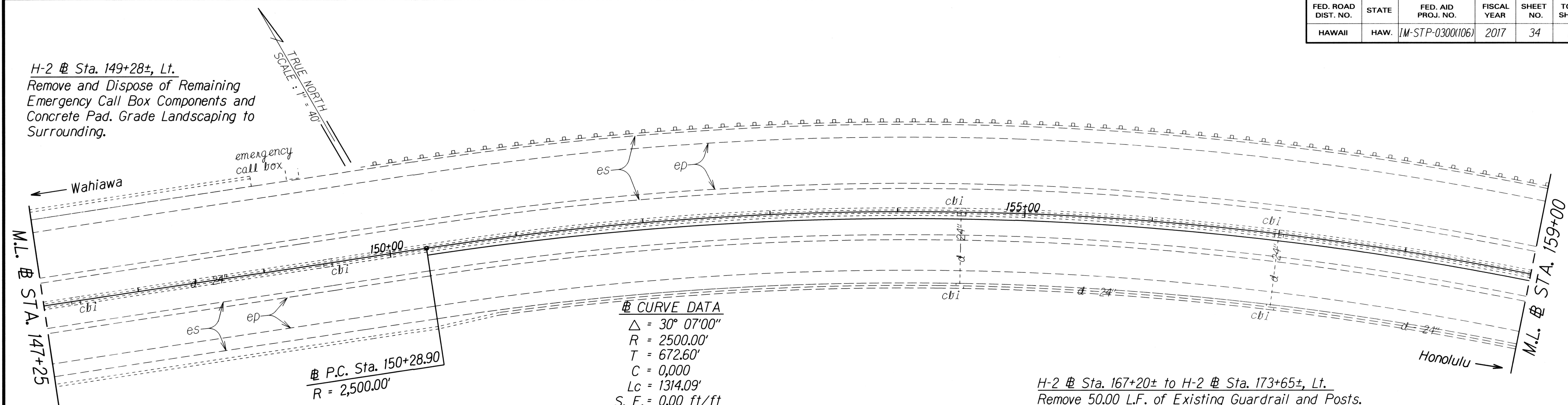
H-2 @ Sta. 140+00±, Rt.
Remove and Dispose of Remaining
Components Emergency Call Box.

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

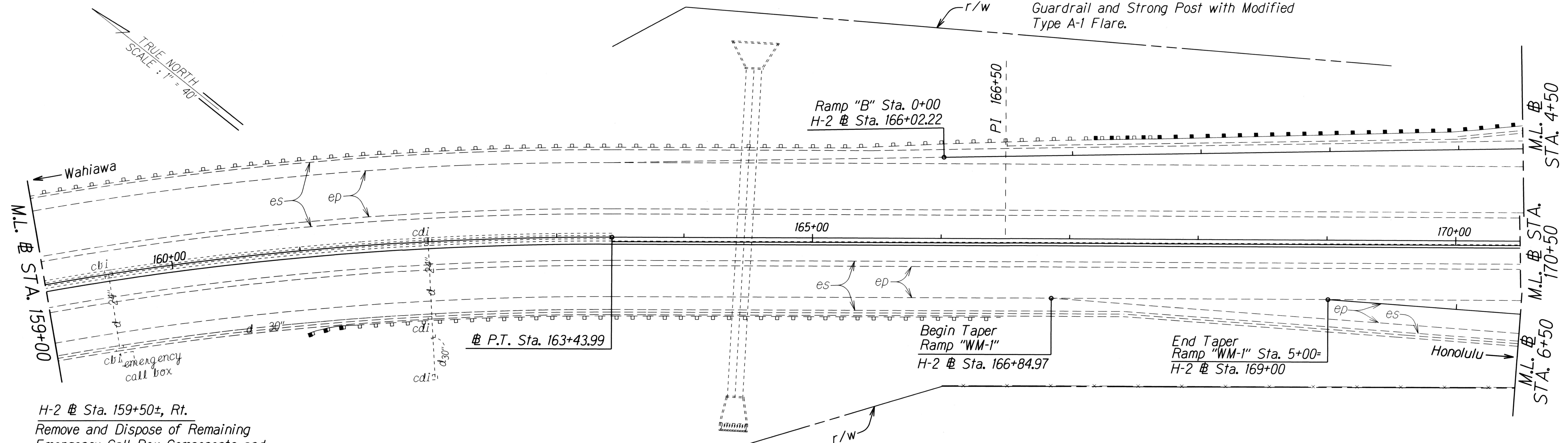
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014
SHEET No. 8 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	34	193

H-2 @ Sta. 149+28±, Lt.
Remove and Dispose of Remaining
Emergency Call Box Components and
Concrete Pad. Grade Landscaping to
Surrounding.



H-2 @ Sta. 167+20± to H-2 @ Sta. 173+65±, Lt.
Remove 50.00 L.F. of Existing Guardrail and Posts.
Install 600.00 L.F. of New and/or Reusable W-Beam
Guardrail and Strong Post with Modified
Type A-1 Flare.



H-2 @ Sta. 159+50±, Rt.
Remove and Dispose of Remaining
Emergency Call Box Components and
Concrete Pad and Ramp. Grade
Landscaping to Surrounding.
Reestablish Storm Water Gutter for
Details, See Plan Sheet No. H3.

H-2 @ Sta. 161+00± to H-2 @ Sta. 161+37.50±, Rt.
Remove and Dispose of Existing End Treatment.
Install Fleet-350 End Terminal.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED 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)

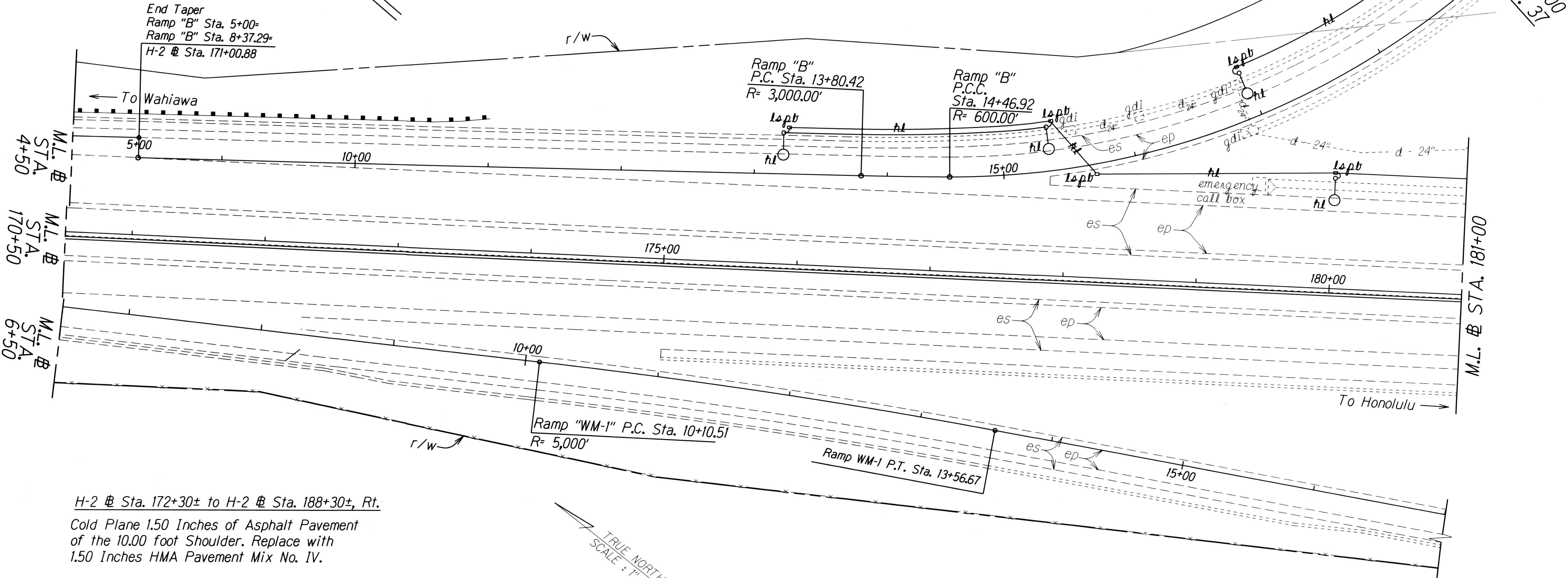
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 9 OF 44 SHEETS

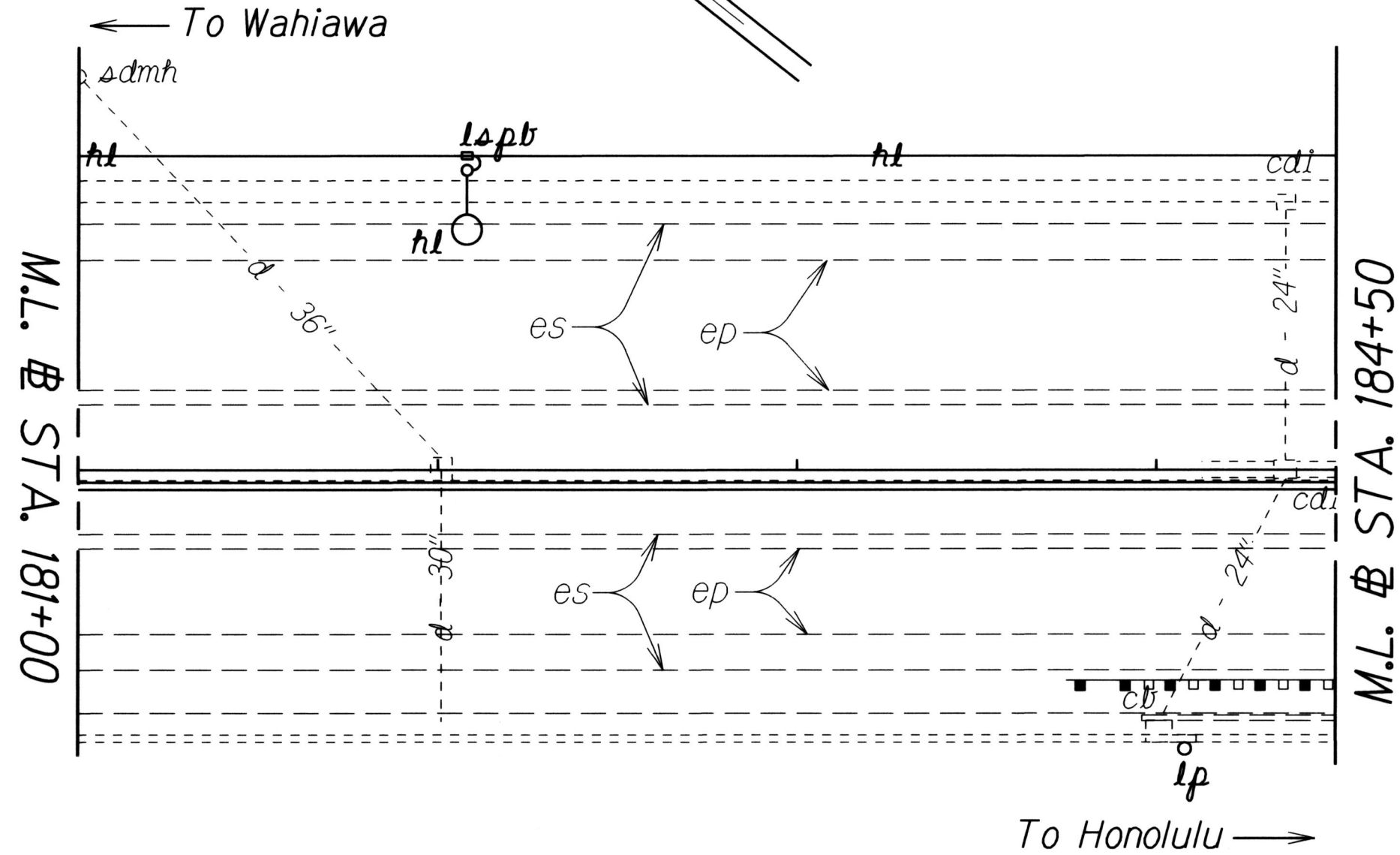
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	35	193

H-2 @ Sta. 179+48±, Lt.
Remove and Dispose of Remaining Emergency Call Box Components and Concrete Pad. Grade Landscaping to Surrounding.

H-2 @ Sta. 180+00± to H-2 @ Sta. 189+12±, Lt.
Remove and Dispose of 2.50 to 3.50 inches of Asphalt Pavement of the 10.00 foot Shoulder. Replace with 2.50 Inches HMA Pavement Mix No. IV.



H-2 @ Sta. 172+30± to H-2 @ Sta. 188+30±, Rt.
Cold Plane 1.50 Inches of Asphalt Pavement of the 10.00 foot Shoulder. Replace with 1.50 Inches HMA Pavement Mix No. IV.



H-2 @ Sta. 183+75± to H-2 @ Sta. 187+50±, Rt.
Remove 375.00 L.F. of Existing Guardrail Rubrail and Posts. Install 350.00 L.F. of New and/or Reusable W-Beam Guardrail and Strong Post at ES with SKT-350 Approach End Treatment. See Plan Sheet No. 41 for End Post and Thrie Beam Details for Site JJ.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

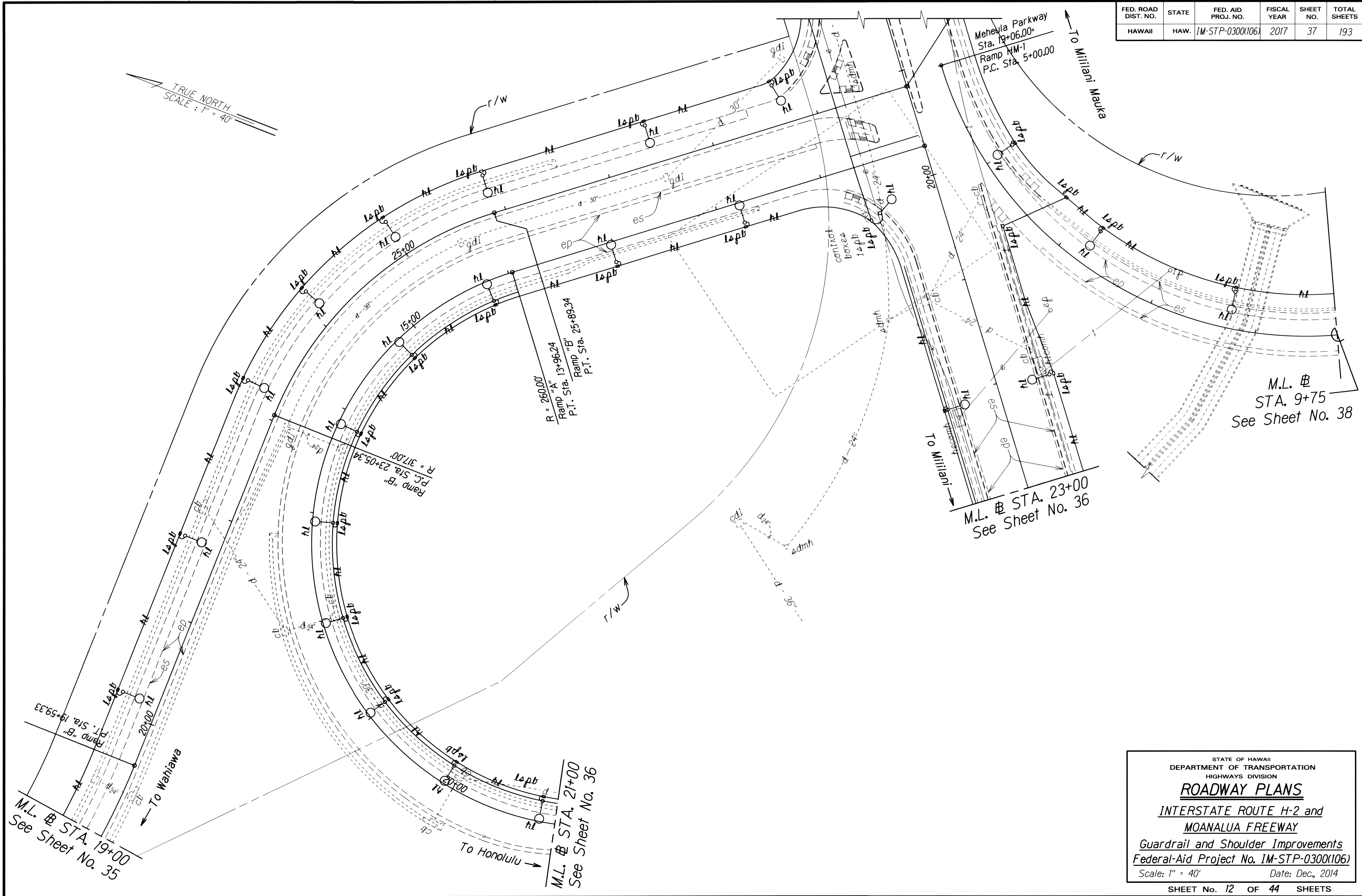
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)

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

SHEET No. 10 OF 44 SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	37	193



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

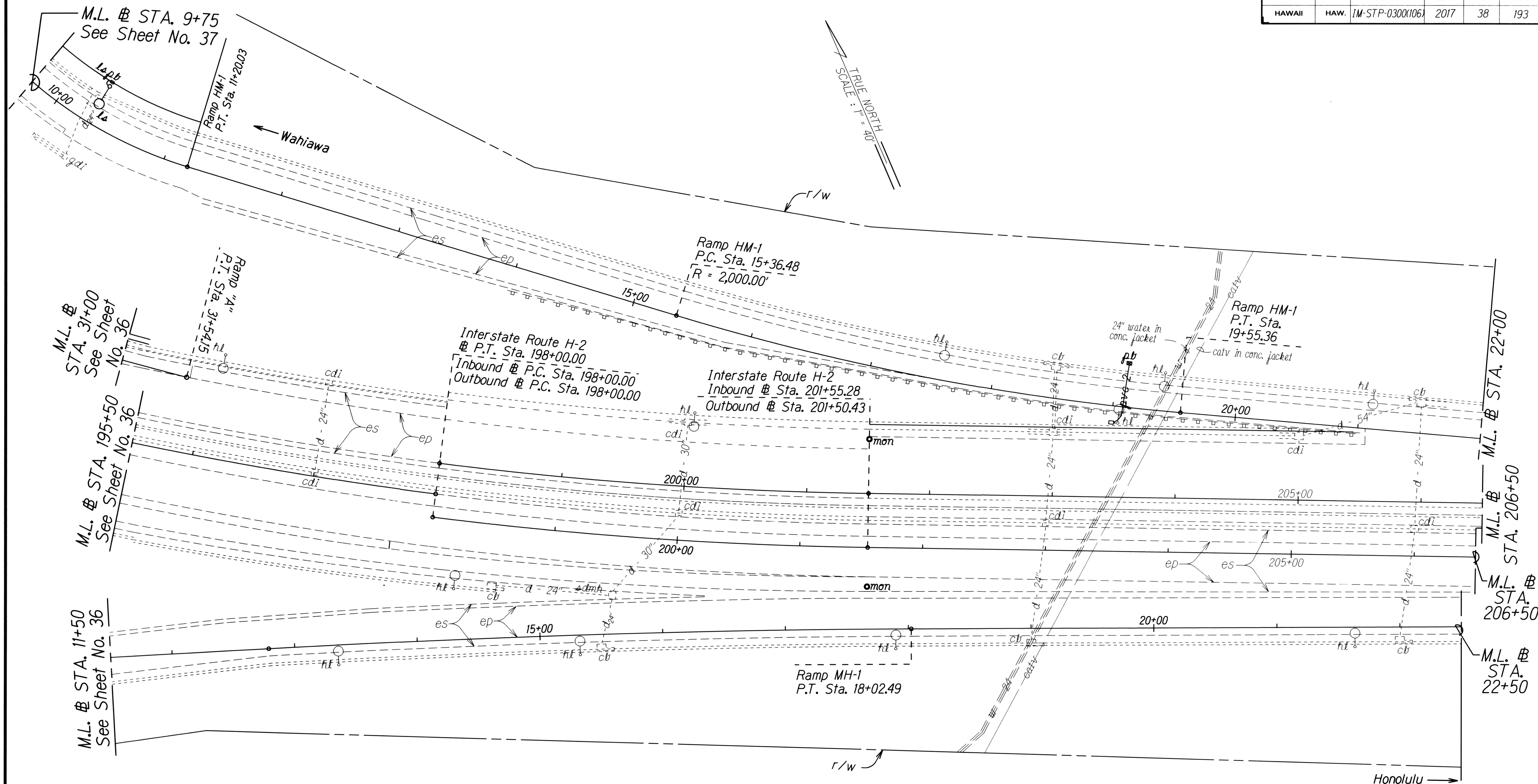
ROADWAY PLANS

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

Guardrail and Shoulder Improvements
Federal-Aid Project No. 1M-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)	2017	38	193



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

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

Guardrail and Shoulder Improvements

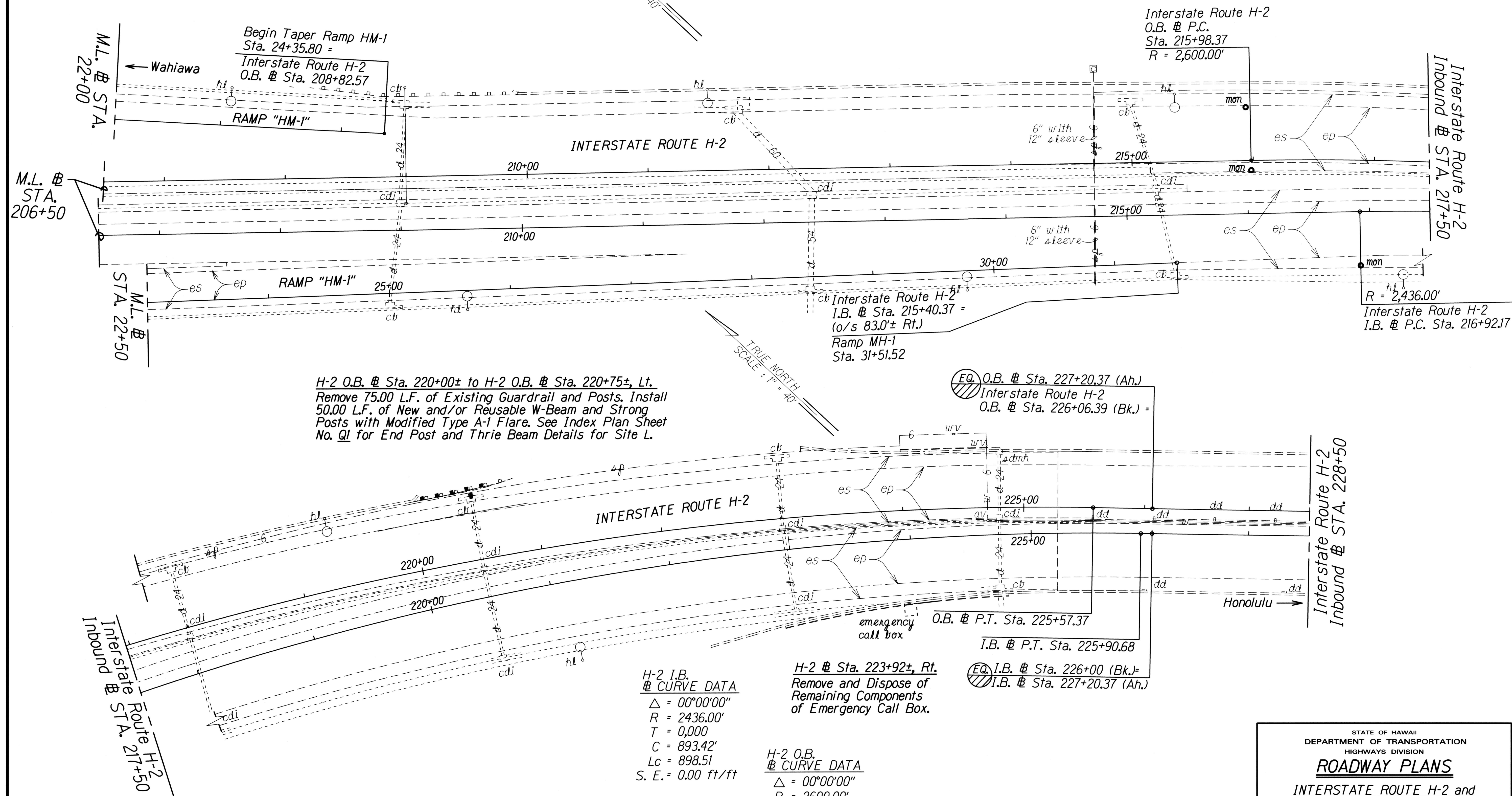
Federal-Aid Project No. IM-STP-0300(106)

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

SHEET No. 13 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	39	193

H-2 @ Sta. 211+75±, Lt.
Remove and Dispose of Remaining Components of Emergency Call Box. Reestablish Storm Water Gutter. For Details, See Plan Sheet No. H1.



H-2 I.B.
@ CURVE DATA
Δ = 00°00'00"
R = 2436.00'
T = 0,000
C = 893.42'
Lc = 898.51
S. E. = 0.00 ft/ft

H-2 @ Sta. 223+92±, Rt.
Remove and Dispose of Remaining Components of Emergency Call Box.

H-2 O.B.
@ CURVE DATA
Δ = 00°00'00"
R = 2600.00'
T = 0,000
C = 953.70'
Lc = 959.12'
S. E. = 0.00 ft/ft

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

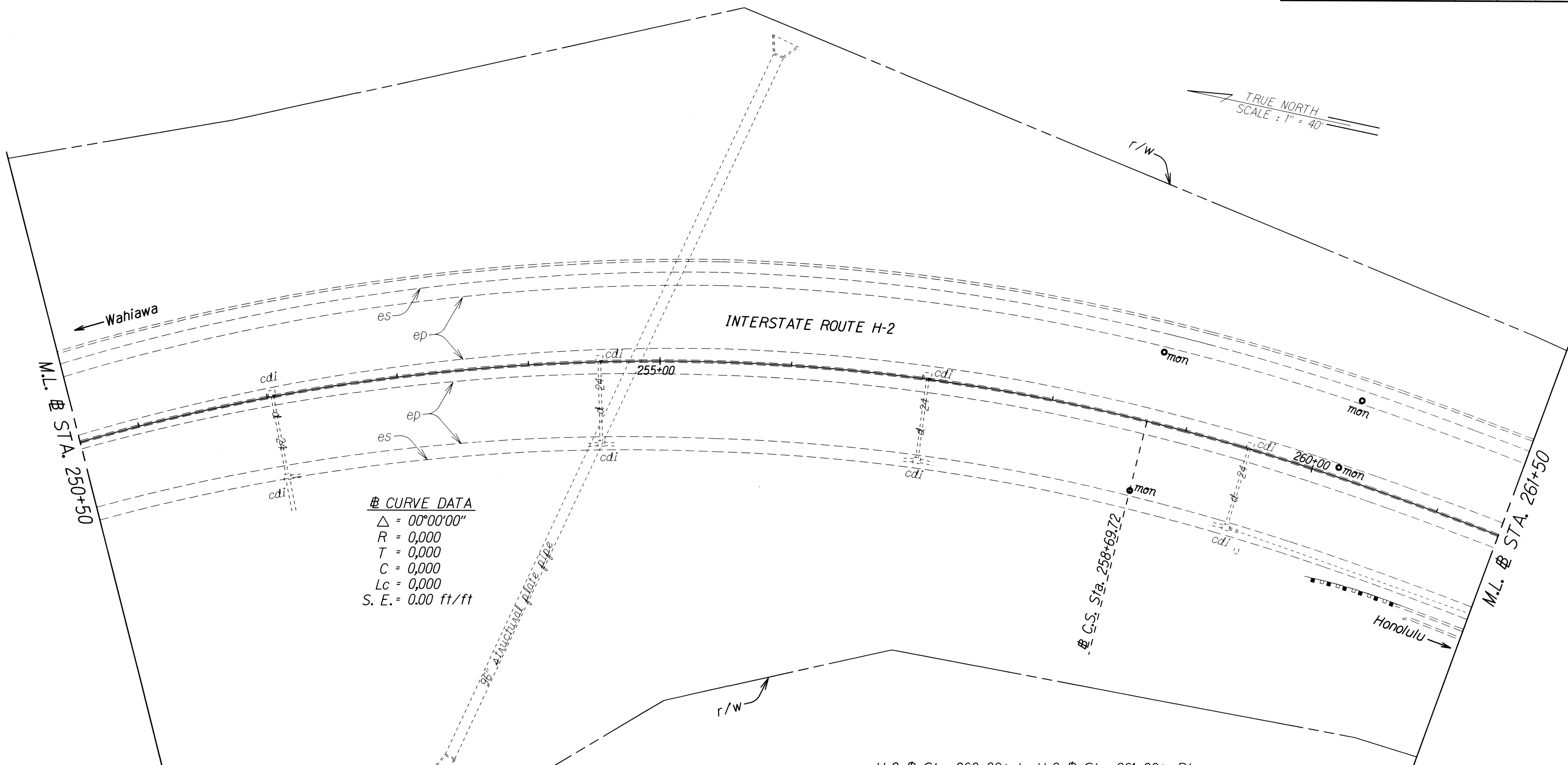
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 14 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	41	193



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

H-2 @ Sta. 260+20± to H-2 @ Sta. 261+00±, Rt.
 Remove 80.00 L.F. of Existing Guardrail and Posts.
 Install 25.00 L.F. of New and/or Reusable Thrie
 Beam and 50.00 L.F. of W-Beam and Strong Posts
 with Type A-1 Modified Flare. See Plan Sheet No. Q1
 for End Post and Thrie Beam Details for Site II.

SURVEY PLOTTED BY	DATE
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

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

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

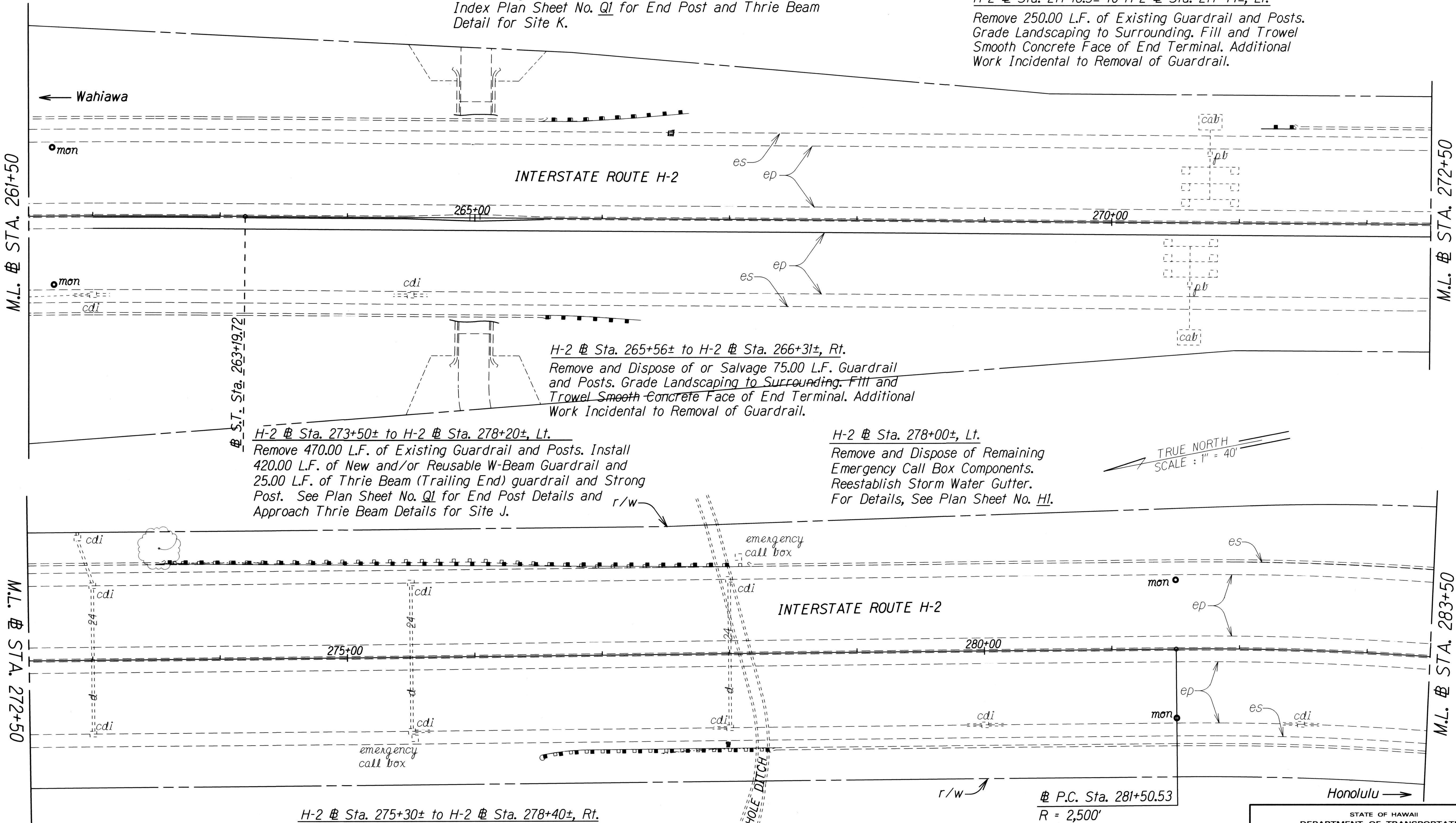
SHEET No. 16 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	42	193

TRUE NORTH
SCALE : 1" = 40'

H-2 @ Sta. 265+50± to H-2 @ Sta. 266+50±, Lt.
Remove 87.50 of Existing Guardrail and Posts. Install 50.00 L.F. of New and/or Reusable W-Beam Guardrail and Strong Posts with Modified Type A-1 Flare. See Index Plan Sheet No. Q1 for End Post and Thrie Beam Detail for Site K.

H-2 @ Sta. 271+16.5± to H-2 @ Sta. 271+44±, Lt.
Remove 250.00 L.F. of Existing Guardrail and Posts. Grade Landscaping to Surrounding. Fill and Trowel Smooth Concrete Face of End Terminal. Additional Work Incidental to Removal of Guardrail.



TRUE NORTH
SCALE : 1" = 40'

H-2 @ Sta. 265+56± to H-2 @ Sta. 266+31±, Rt.
Remove and Dispose of or Salvage 75.00 L.F. Guardrail and Posts. Grade Landscaping to Surrounding. Fill and Trowel Smooth Concrete Face of End Terminal. Additional Work Incidental to Removal of Guardrail.

H-2 @ Sta. 273+50± to H-2 @ Sta. 278+20±, Lt.
Remove 470.00 L.F. of Existing Guardrail and Posts. Install 420.00 L.F. of New and/or Reusable W-Beam Guardrail and 25.00 L.F. of Thrie Beam (Trailing End) guardrail and Strong Post. See Plan Sheet No. Q1 for End Post Details and Approach Thrie Beam Details for Site J.

H-2 @ Sta. 278+00±, Lt.
Remove and Dispose of Remaining Emergency Call Box Components. Reestablish Storm Water Gutter. For Details, See Plan Sheet No. H1.

H-2 @ Sta. 275+30± to H-2 @ Sta. 278+40±, Rt.
Remove 86.00 L.F. of Existing Guardrail and Posts. Install 237.50 L.F. of New and/or Reusable W-Beam Guardrail and Strong Post with Fleet 350 End Treatment. See Plan Sheet No. Q1 for End Post and Thrie Beam Details for Site HH.

H-2 @ Sta. 275+50±, Rt.
Remove and Dispose of Remaining Emergency Call Box Components and Concrete Pad and Ramp. Grade Landscaping to Surrounding. Reestablish Storm Water Gutter. For Details, See Plan Sheet. No. H3.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED 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)

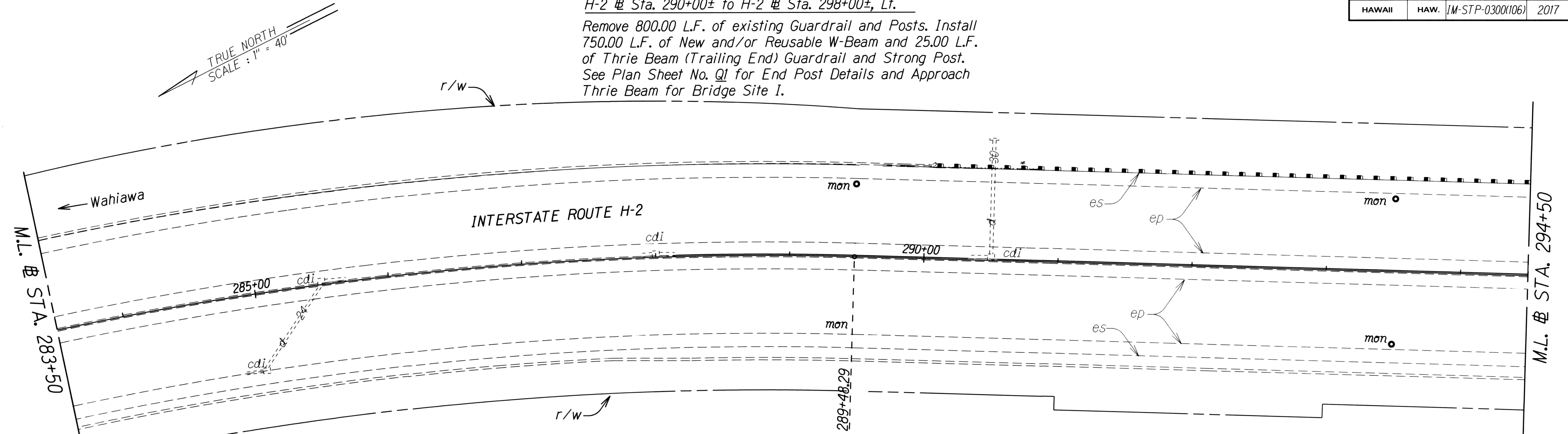
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 17 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	43	193

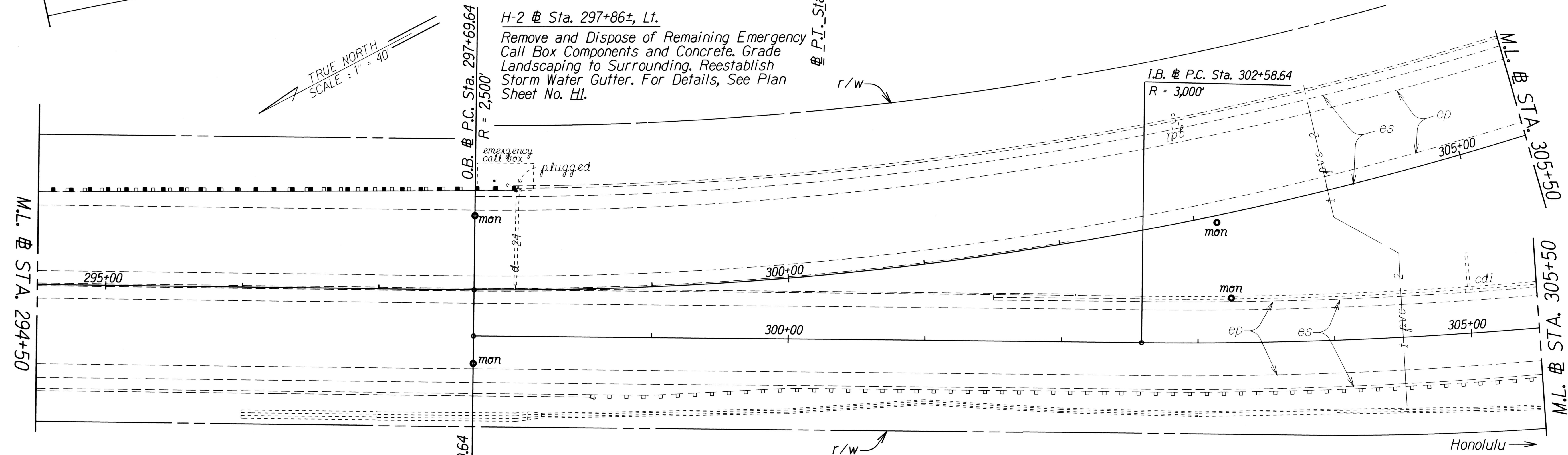
H-2 @ Sta. 290+00± to H-2 @ Sta. 298+00±, Lt.

Remove 800.00 L.F. of existing Guardrail and Posts. Install 750.00 L.F. of New and/or Reusable W-Beam and 25.00 L.F. of Thrie Beam (Trailing End) Guardrail and Strong Post. See Plan Sheet No. Q1 for End Post Details and Approach Thrie Beam for Bridge Site I.



H-2 @ Sta. 297+86±, Lt.

Remove and Dispose of Remaining Emergency Call Box Components and Concrete. Grade Landscaping to Surrounding. Reestablish Storm Water Gutter. For Details, See Plan Sheet No. H1.



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

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

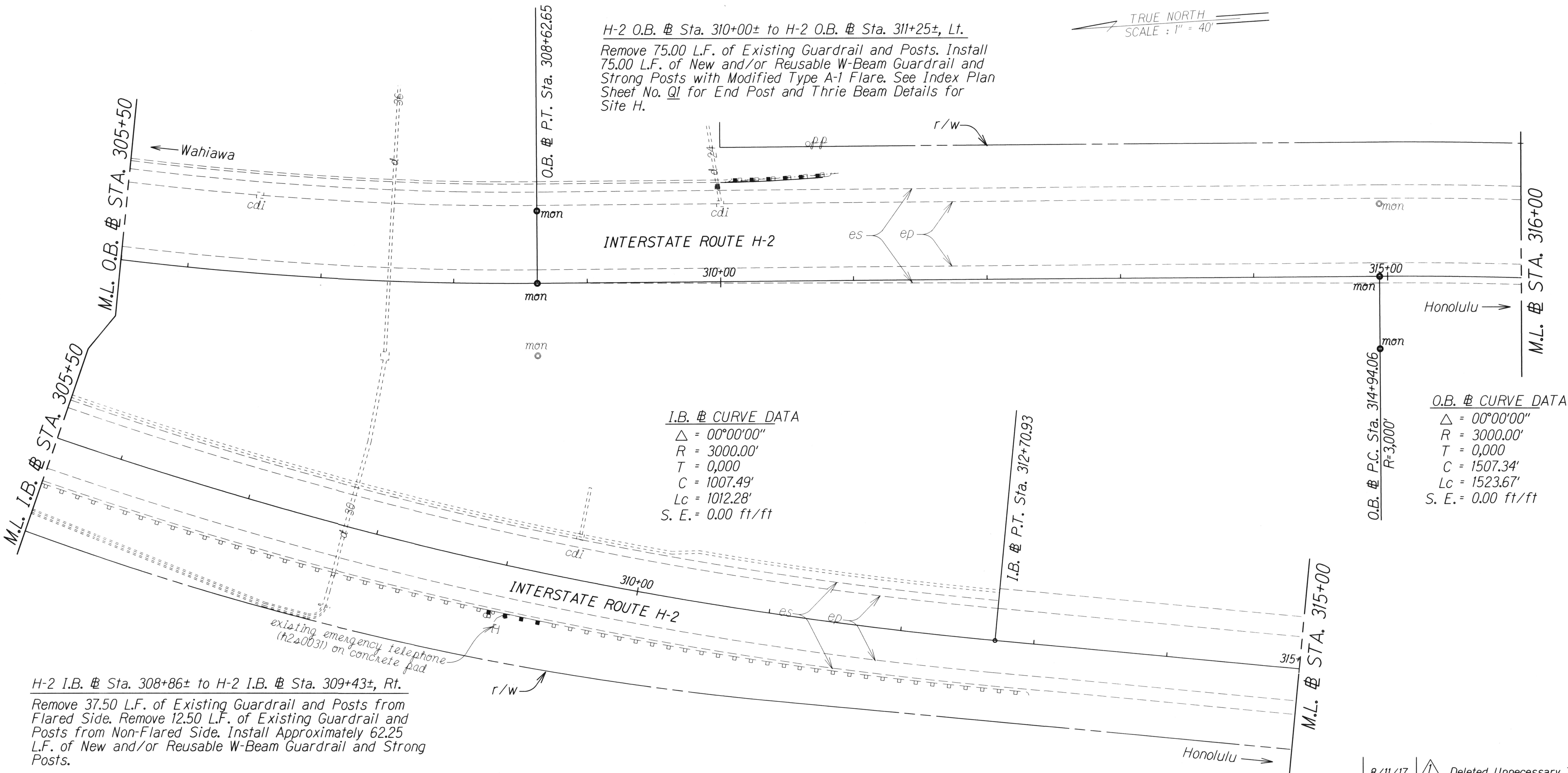
Guardrail and Shoulder Improvements

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

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

SHEET No. 18 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 44	193



8/11/17 Deleted Unnecessary Text.

DATE REVISION

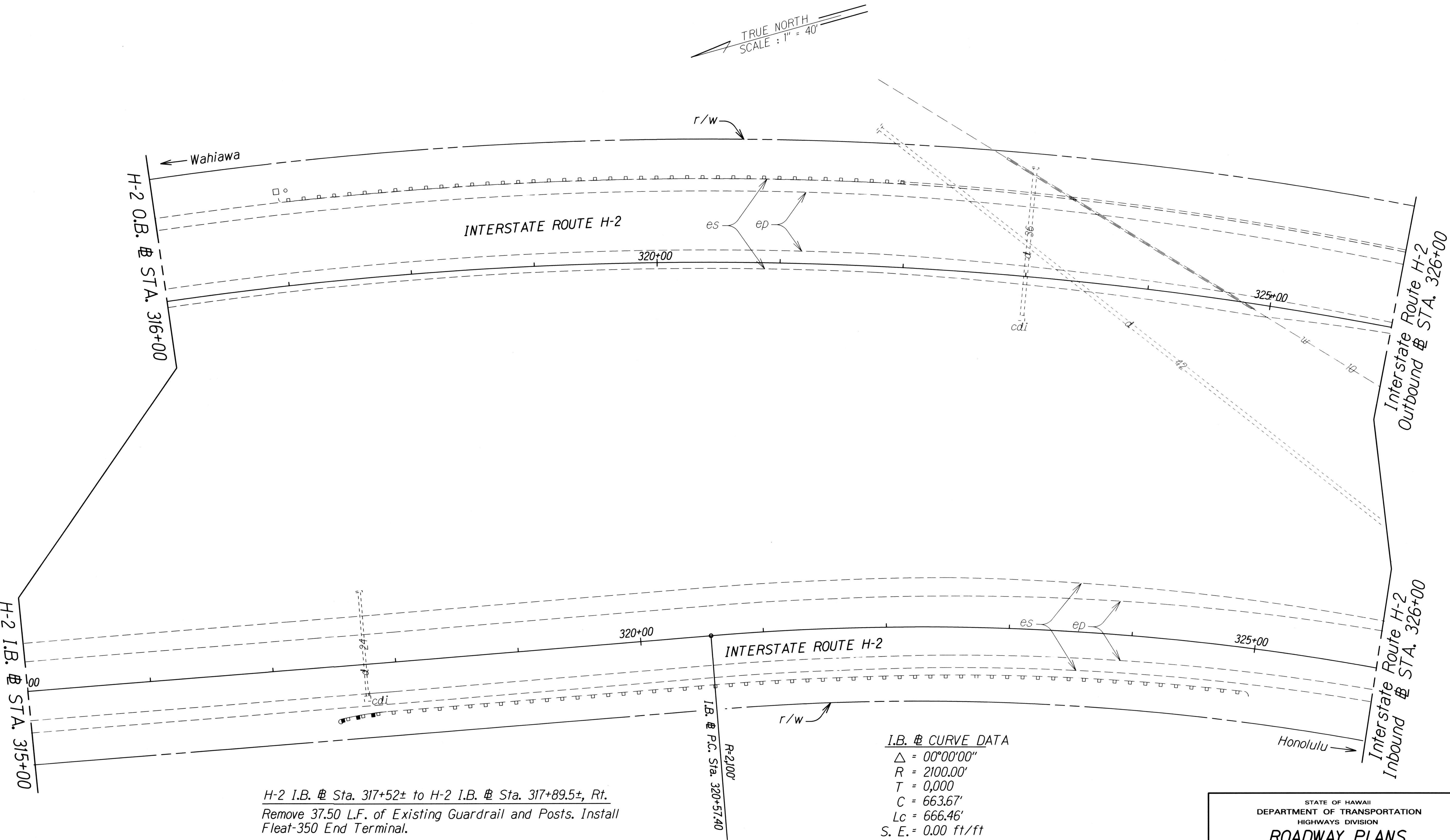
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
ROADWAY PLANS
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 19 OF 44 SHEETS

ADD. 44

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)	2017	45	193



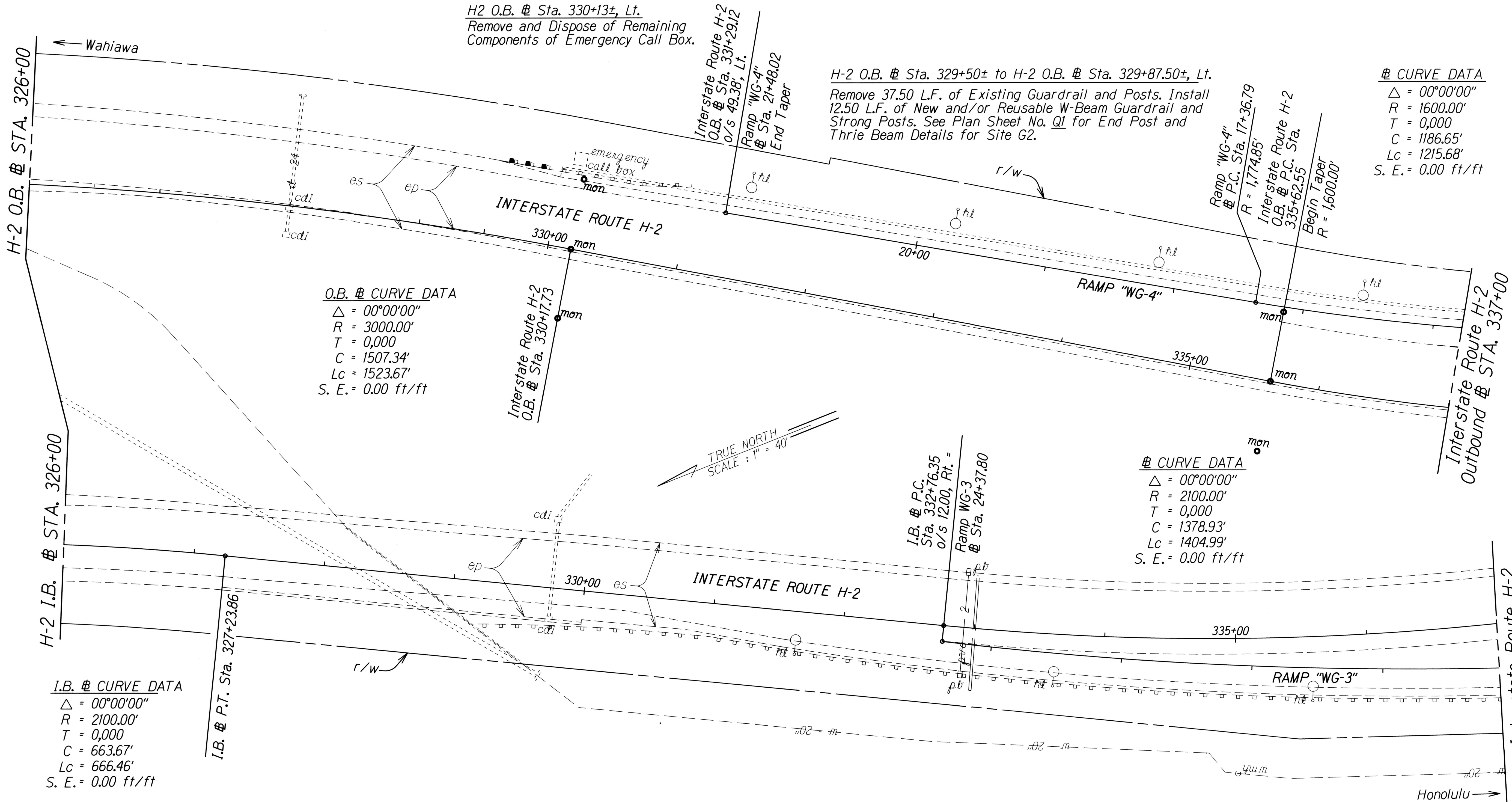
ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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

SHEET No. 20 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	46	193



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED 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. 21 OF 44 SHEETS

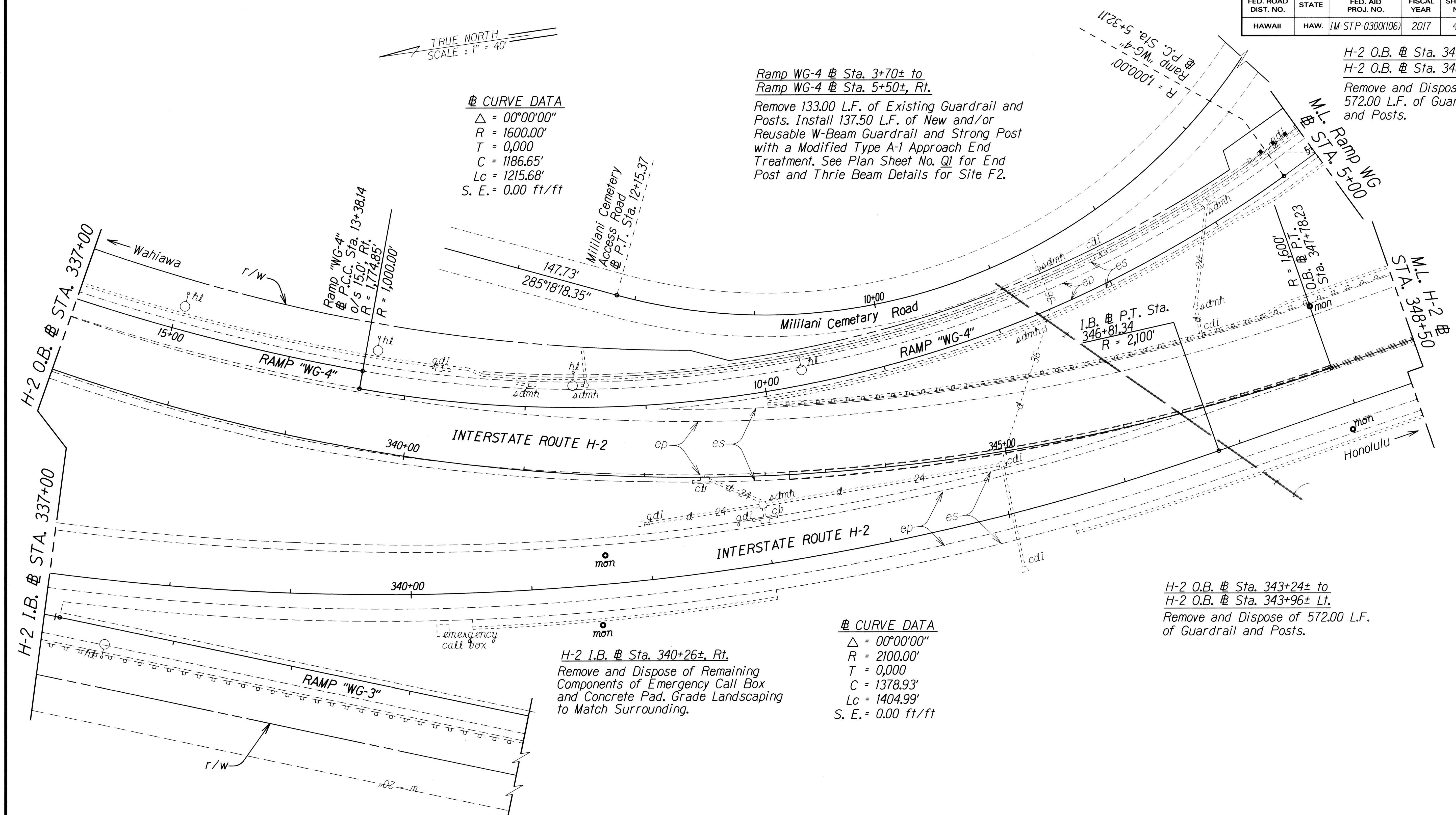
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	47	193

TRUE NORTH
SCALE: 1" = 40'

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

Ramp WG-4 @ Sta. 3+70± to
Ramp WG-4 @ Sta. 5+50±, Rt.
Remove 133.00 L.F. of Existing Guardrail and Posts. Install 137.50 L.F. of New and/or Reusable W-Beam Guardrail and Strong Post with a Modified Type A-1 Approach End Treatment. See Plan Sheet No. Q1 for End Post and Thrie Beam Details for Site F2.

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



H-2 I.B. @ Sta. 340+26±, Rt.
Remove and Dispose of Remaining Components of Emergency Call Box and Concrete Pad. Grade Landscaping to Match Surrounding.

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

H-2 O.B. @ Sta. 343+24± to
H-2 O.B. @ Sta. 343+96± Lt.
Remove and Dispose of 572.00 L.F.
of Guardrail and Posts.

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

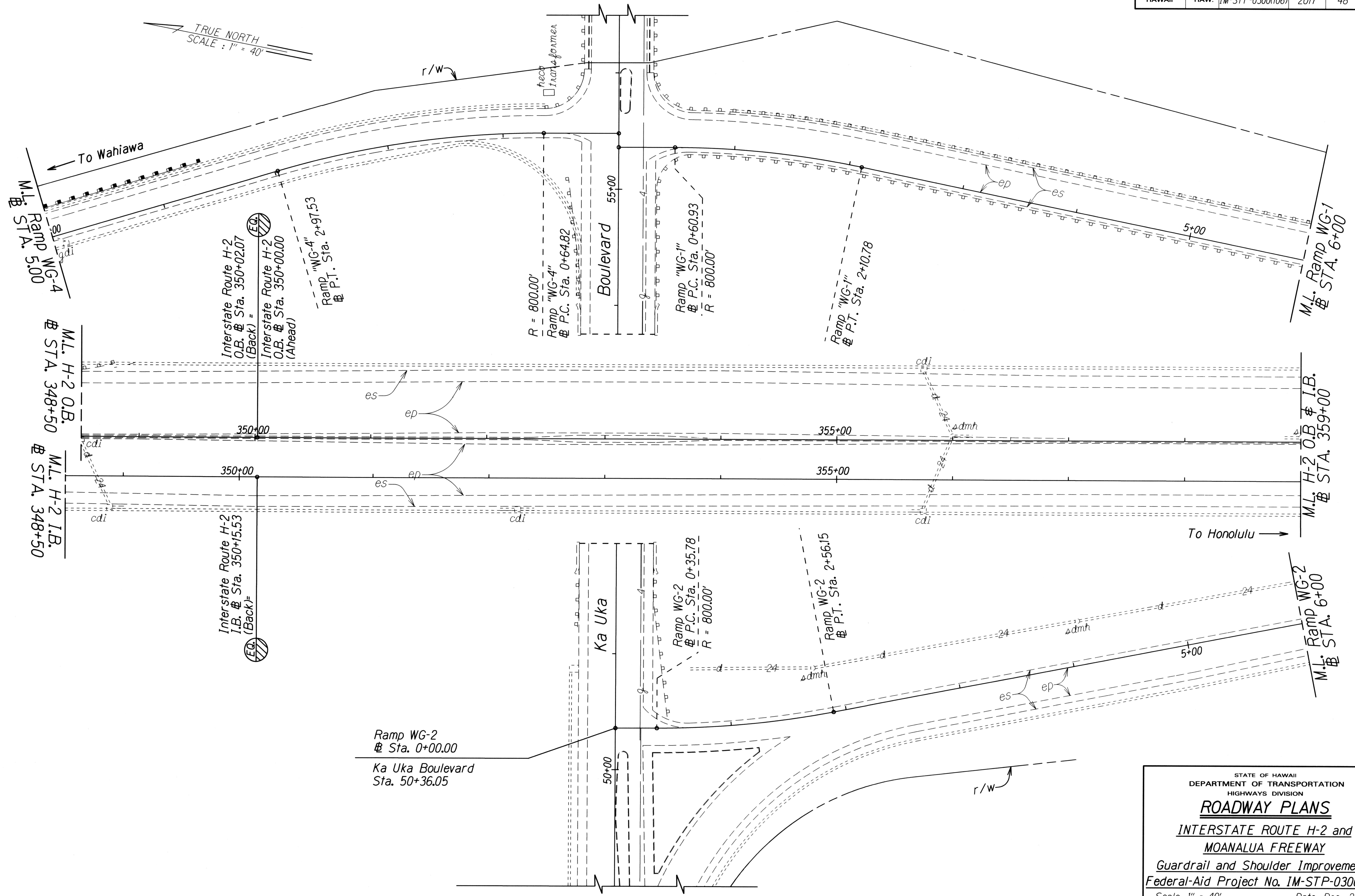
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 22 OF 44 SHEETS

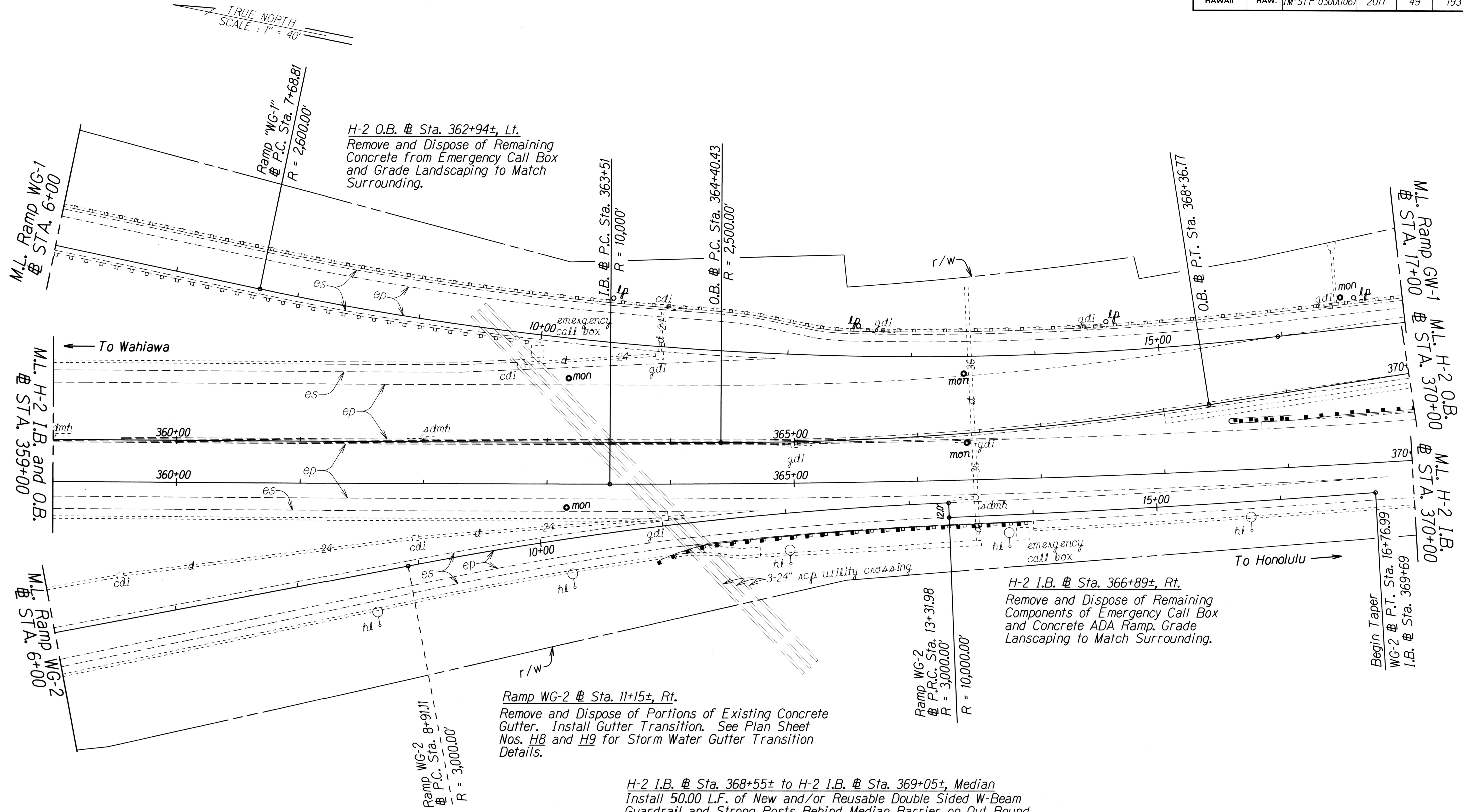
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	48	193



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED BY	
	CHECKED 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. 23 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	49	193



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

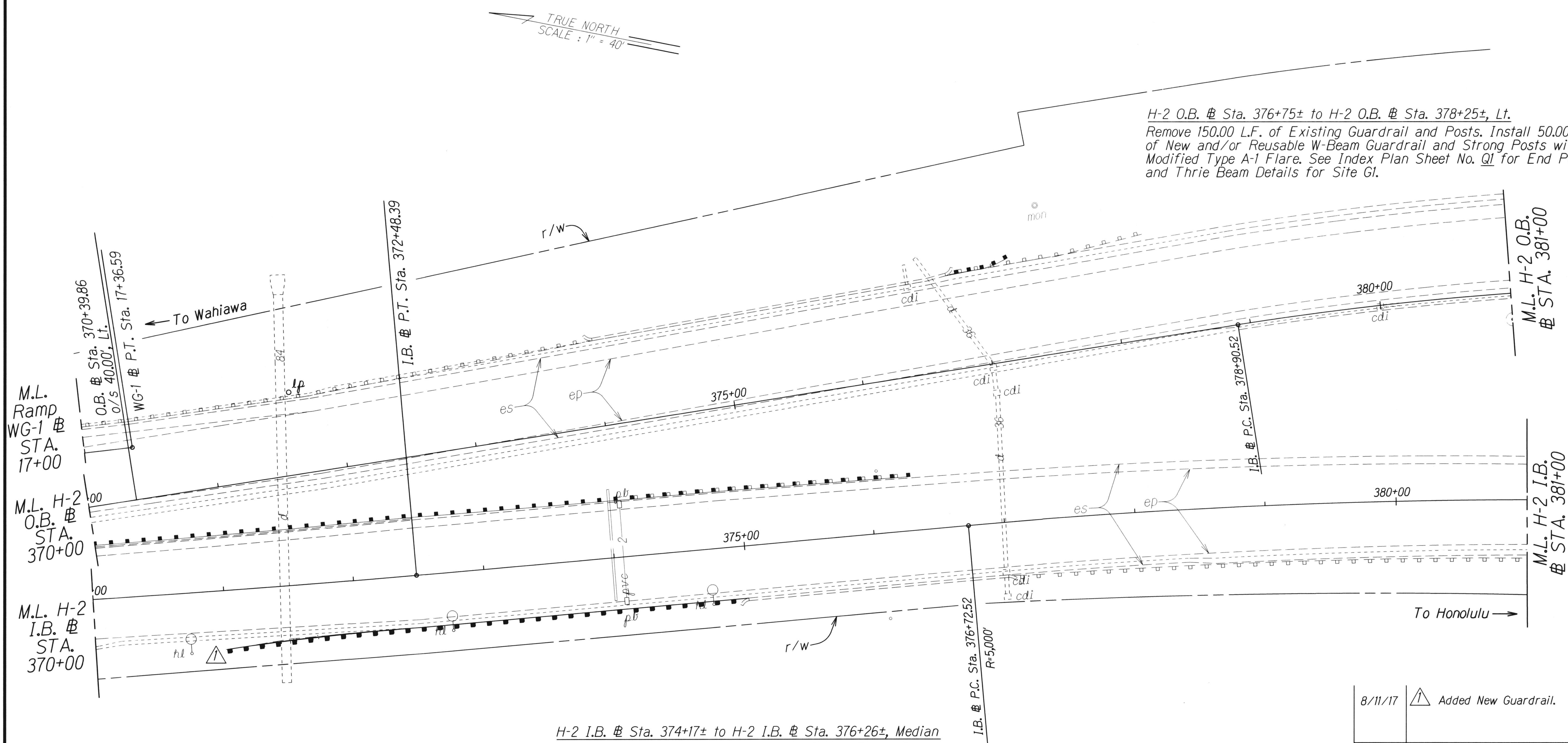
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 24 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 50	193



H-2 O.B. @ Sta. 376+75± to H-2 O.B. @ Sta. 378+25±, Lt.
Remove 150.00 L.F. of Existing Guardrail and Posts. Install 50.00 L.F. of New and/or Reusable W-Beam Guardrail and Strong Posts with a Modified Type A-1 Flare. See Index Plan Sheet No. Q1 for End Post and Thrie Beam Details for Site G1.

H-2 I.B. @ Sta. 370+25± to H-2 I.B. @ Sta. 375+00±, Rt.
Remove 400.00 L.F. of Existing Guardrail and Posts. Install 425.00 L.F. of New and/or Reusable W-Beam Guardrail and Strong Posts with a Modified Type A-1 Flare. See Index Plan Sheet No. Q1 for End Post and Thrie Beam Details for Site GG.

H-2 I.B. @ Sta. 374+17± to H-2 I.B. @ Sta. 376+26±, Median
Remove 209.00 L.F. of Existing Guardrail and Posts. See Construction Note on Previous Sheet No. 49 Installation.

8/11/17 Added New Guardrail.

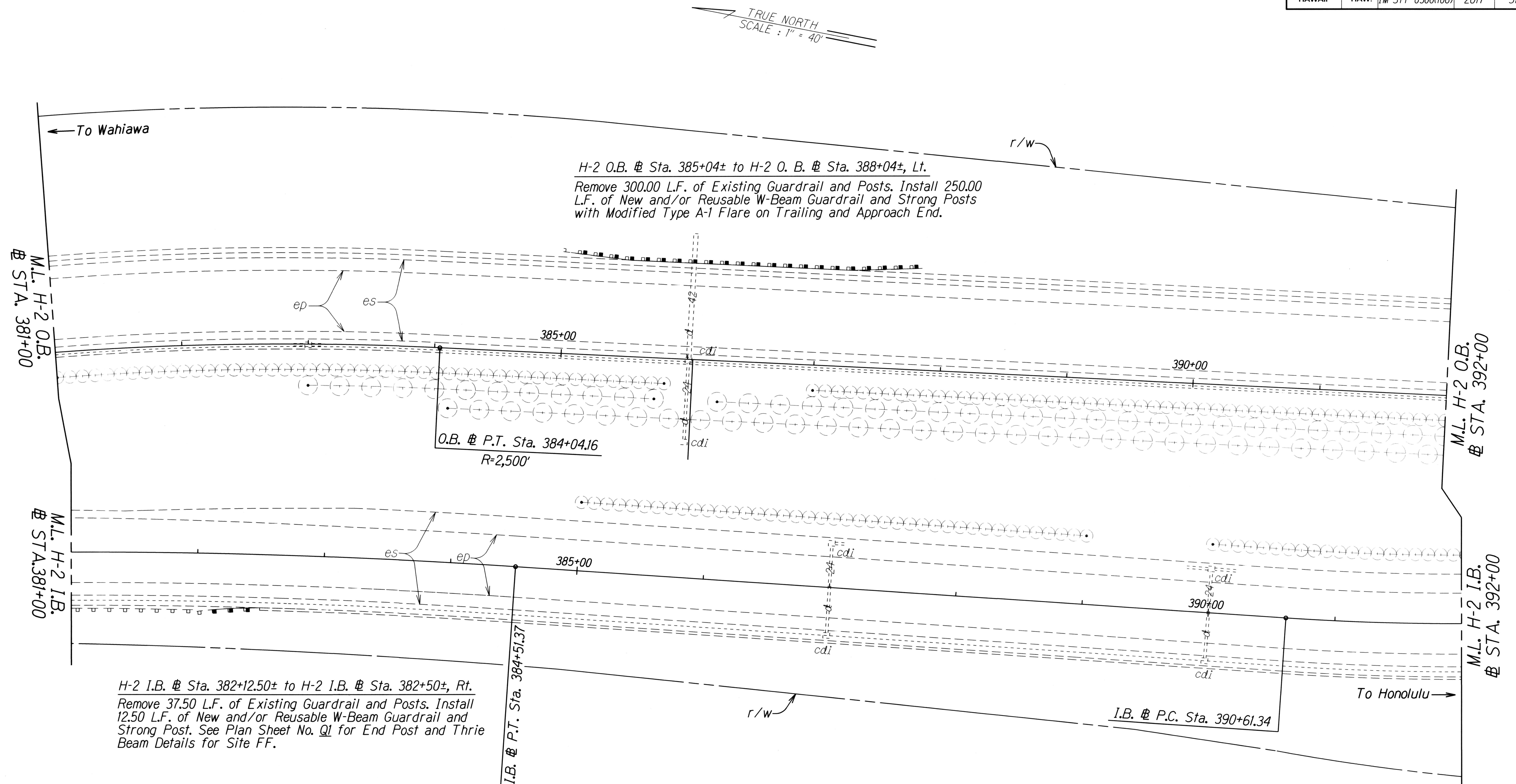
DATE	REVISION
------	----------

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

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)	2017	51	193



H-2 I.B. @ Sta. 382+12.50± to H-2 I.B. @ Sta. 382+50±, Rt.
Remove 37.50 L.F. of Existing Guardrail and Posts. Install 12.50 L.F. of New and/or Reusable W-Beam Guardrail and Strong Post. See Plan Sheet No. 91 for End Post and Thrie Beam Details for Site FF.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

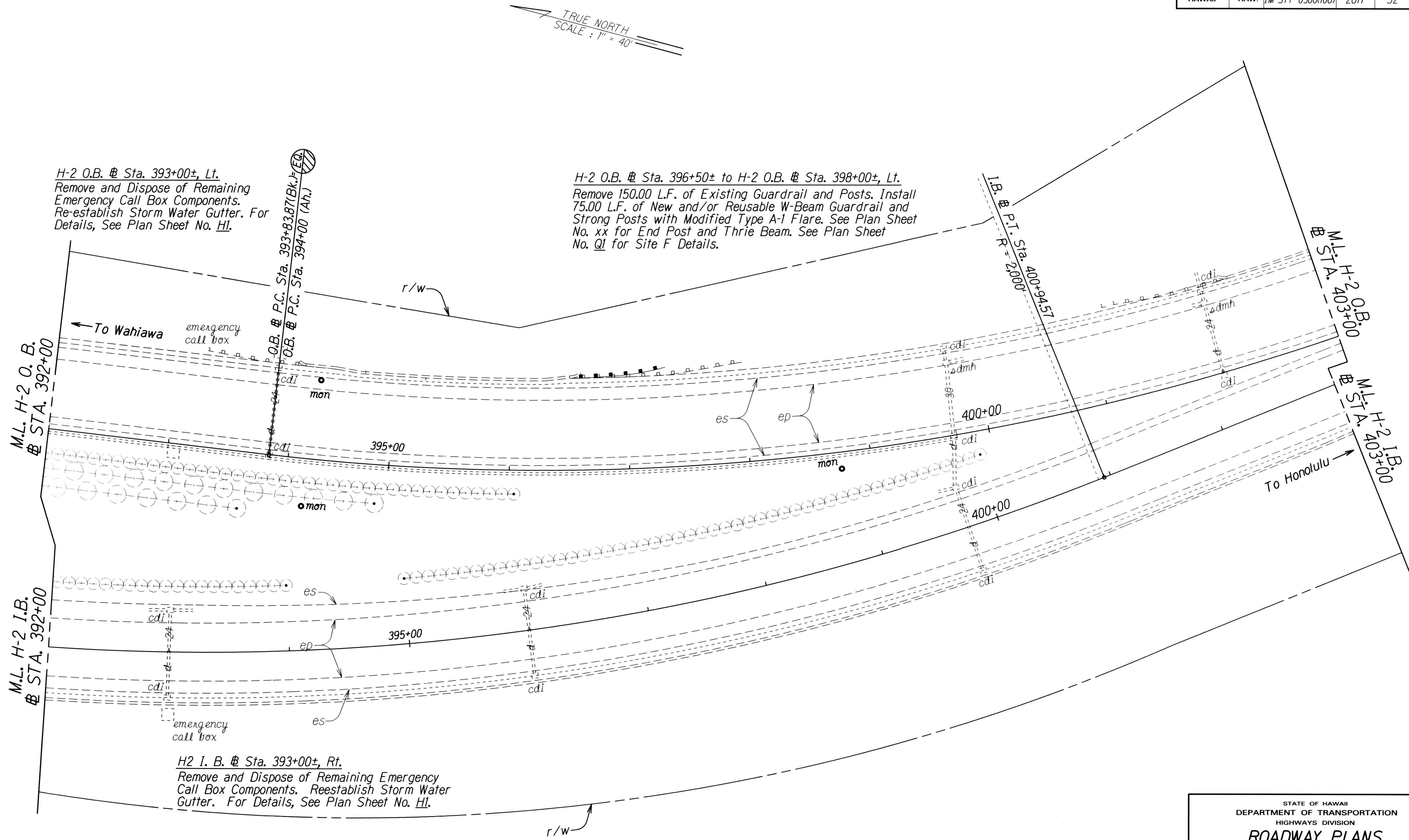
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 26 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	52	193



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

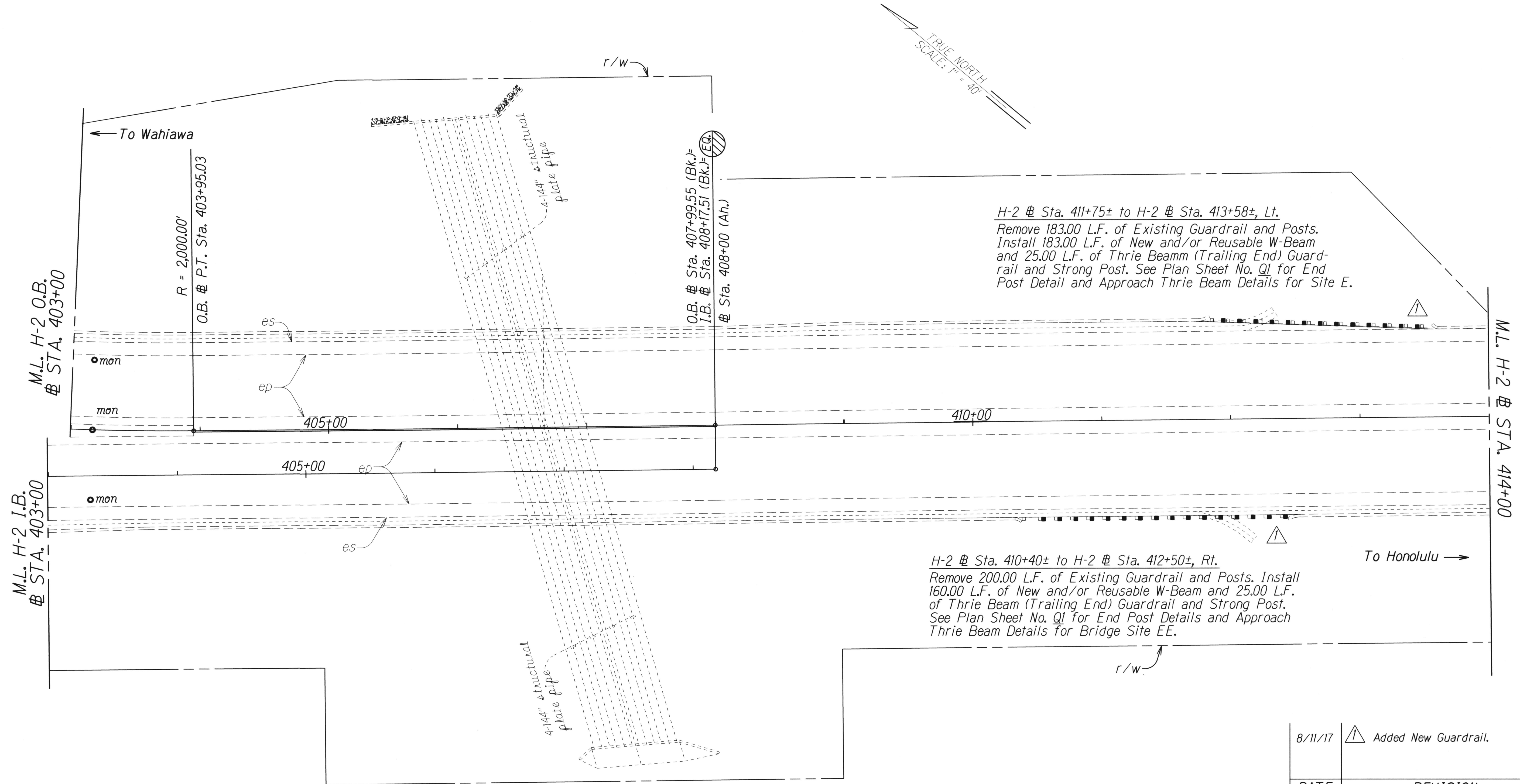
Guardrail and Shoulder Improvements

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

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

SHEET No. 27 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	ADD. 53	193



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

8/11/17 Added New Guardrail.

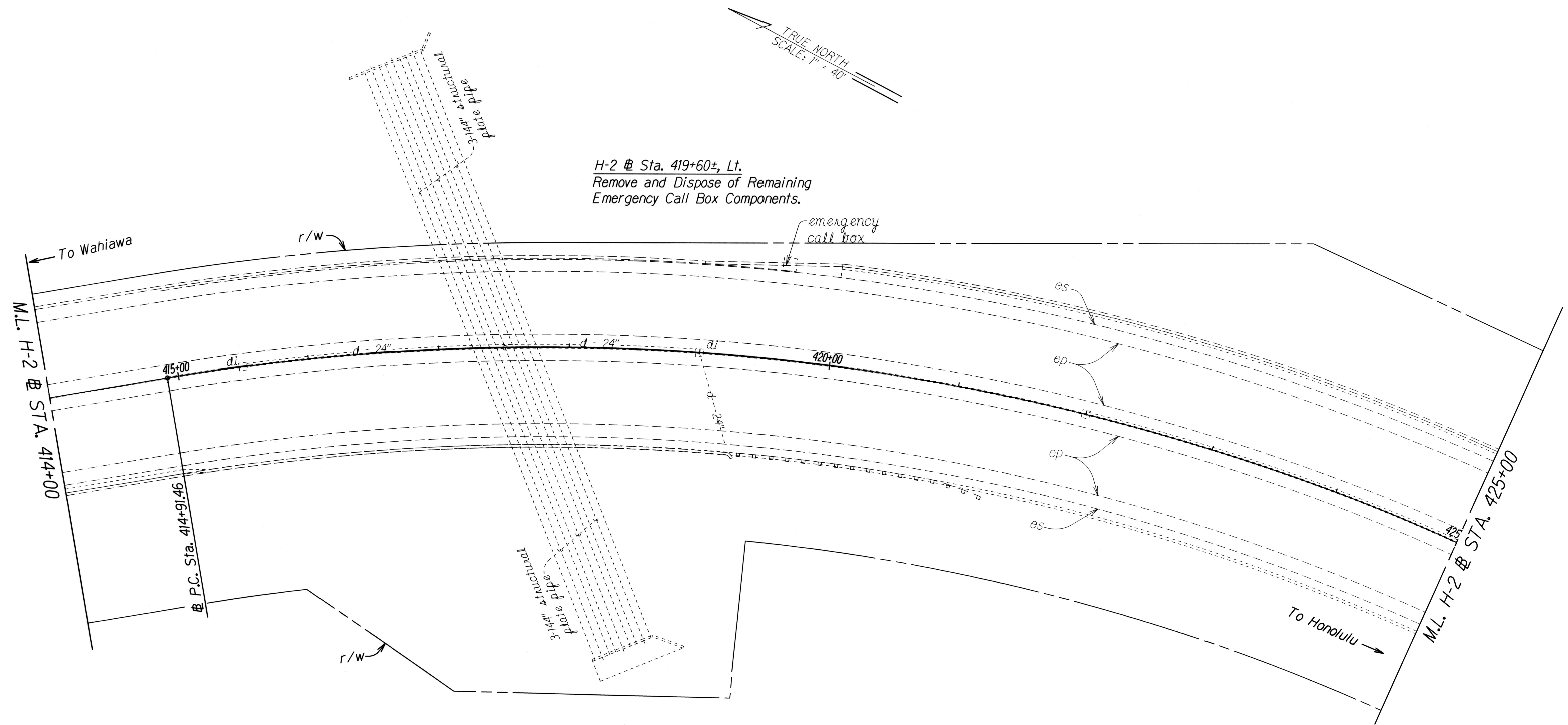
DATE REVISION

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. 1M-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 28 OF 44 SHEETS

ADD. 53

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	54	193



ORIGINAL PLAN	DATE
DESIGNED BY	
TRACED 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

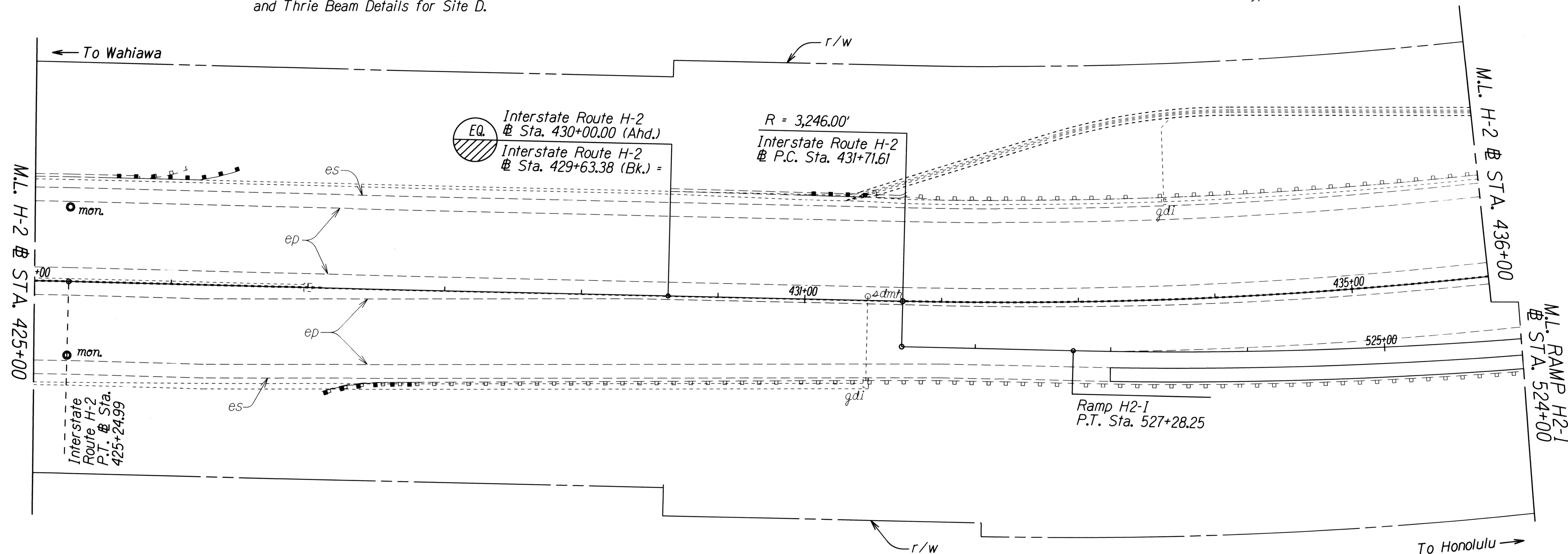
SHEET No. 29 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	55	193

TRUE NORTH
SCALE: 1" = 40'

H-2 @ Sta. 425+50± to H-2 @ Sta. 426+50±, Lt.
Remove 35.00 L.F. of Existing Guardrail and Posts.
Install 50.00 L.F. of New and/or Reusable W-Beam
Guardrail and Strong Post with Modified Type A-1
Flare. See Index Plan Sheet No. Q1 for End Post
and Thrie Beam Details for Site D.

H-2 @ Sta. 429+93.50± to H-2 @ Sta. 430+43.50±, Lt.
Remove 37.50 L.F. of Existing Guardrail and Posts.
Install Modified Type A-1 Flare.



H-2 @ Sta. 427+12± to H-2 @ Sta. 427+87±, Rt.
Remove 75.00 L.F. of Existing Guardrail and Posts. Install
75.00 L.F. of New and/or Reusable W-Beam Guardrail and
Posts with Modified Type A-1 Flare.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

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

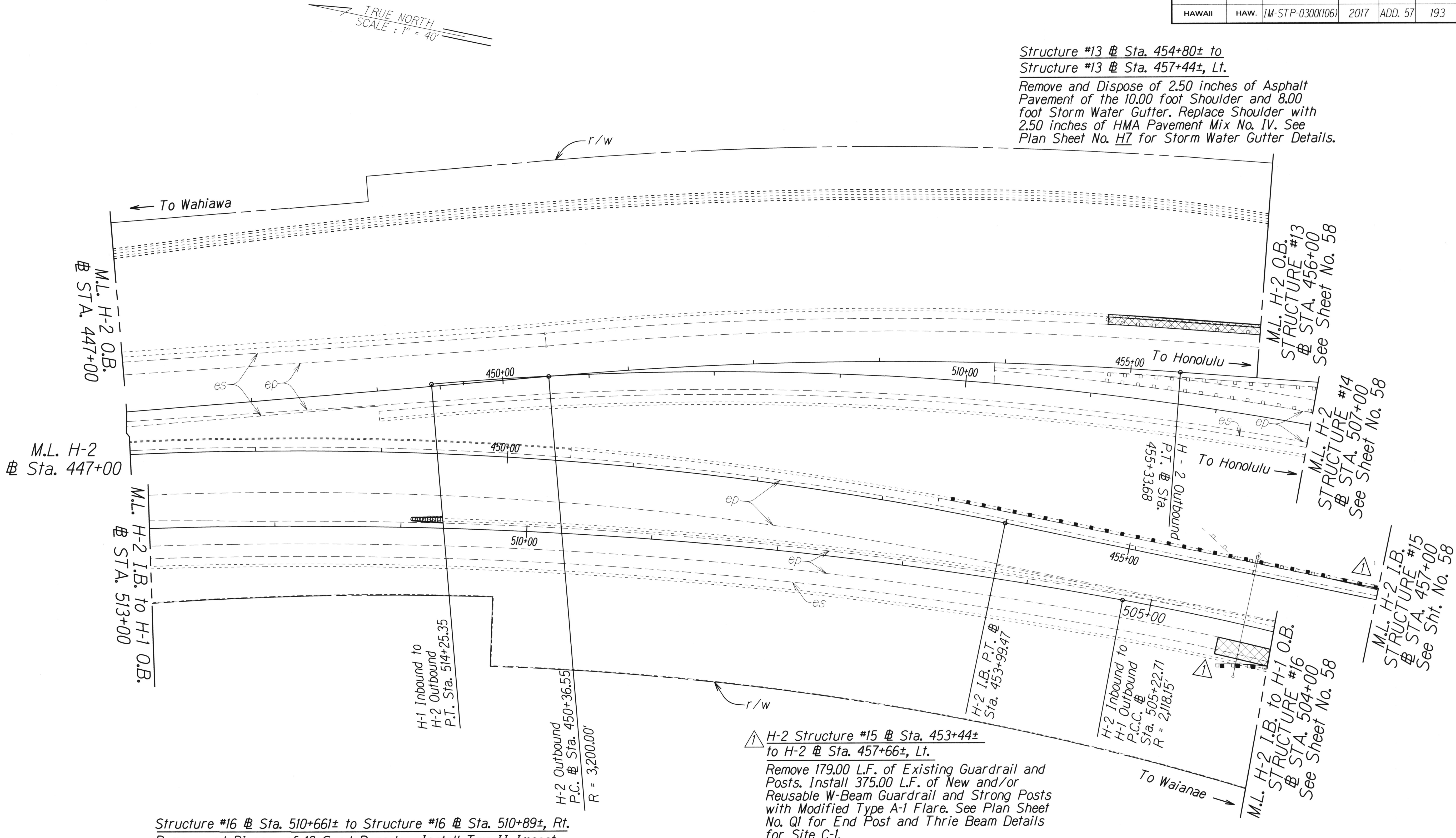
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)

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

SHEET No. 30 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 57	193

Structure #13 @ Sta. 454+80± to Structure #13 @ Sta. 457+44±, Lt.
 Remove and Dispose of 2.50 inches of Asphalt Pavement of the 10.00 foot Shoulder and 8.00 foot Storm Water Gutter. Replace Shoulder with 2.50 inches of HMA Pavement Mix No. IV. See Plan Sheet No. H7 for Storm Water Gutter Details.



Structure #16 @ Sta. 510+661± to Structure #16 @ Sta. 510+89±, Rt.
 Remove and Dispose of 13 Sand Barrels. Install Tau II Impact Attenuator.

Structure #13 @ Sta. 456+51± to Structure #13 @ Sta. 457+66±, Lt.
 Remove and Dispose of 4.00 inches of Concrete of the 4.00 foot Storm Water Gutter. Install 115.00 L.F. of Concrete Storm Water Gutter. See Plan Sheet No. H7 for Storm Water Gutter Details.

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

8/11/17

Added New Guardrail and Moved from Plan Sheet No. 58.

DATE

REVISION

SHEET No. 32

OF 44

SHEETS

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 58	193

TRUE NORTH
SCALE: 1" = 40'

H-2 Structure #13 @ Sta. 463+10± to @ Sta. 463+60±, Lt.
Remove and Reinstall 25.00 L.F. of Thrie Beam Guardrail.
See Plan Sheet. No. Q1 for End Post Details for Site DD2.

H-2 O.B. @ Sta. 465+55± to @ Sta. 466+80±, Lt.
Remove 175.00 L.F. of Existing Guardrail and Posts. Install 175.00 L.F. of New and/or Reusable Double Sided W-Beam Guardrail and Strong Posts with W-Beam Rounded Trailing End.

H-2 Structure #13 @ Sta. 455+60± to @ Sta. 457+60±, Gore.
Remove and Dispose of 2.50 inches of Asphalt Pavement of the 4.00 foot Shoulder. Replace with 2.50 inches HMA Pavement Mix No. IV.

Structure #14 @ Sta. 505+84± to @ Sta. 506+69±, Lt.
Remove 85.00 L.F. of Existing Guardrail and Posts. Fill and Trowel Smooth Concrete Face on End Terminal. Additional Work Incidental to Removal of Guardrail.

Ramp "N"
P.C. Sta. 0+00.00
R = 1,400.00'

H-2 Outbound
P.C. @ Sta. 464+21.96
R = 1,524.00'

Ramp "N"
P.C.C. Sta. 3+93.40
R = 800.00'

H-2 Structure #13 @ Sta 463+10± to @ Sta. 463+60±, Rt.
Remove and Reinstall 25.00 L.F. of Thrie Beam Guardrail.
See Plan Sheet No. Q1 for End Post Details for Site DDI.

H-2 Structure #14 @ Sta. 500+27± to @ Sta. 501+00±, Lt.
Remove and Reinstall 25.00 L.F. of Thrie Beam Guardrail.
See Plan Sheet No. Q1 for End Post Details for Site A-2.

H-2 Structure #15 @ Sta. 465+62± to @ Sta. 467.47±, Lt.
Remove and Dispose of or Salvage 185.00 L.F. of Guardrail and Posts. Install 25.00 L.F. of and or Salvage Thrie Beam with W-Beam Transition and Connect to New Guardrail.

M.L. H-2 O.B. STRUCTURE #13 @ STA. 456+00, See Sheet No. 57

M.L. H-2 STRUCTURE #14 @ STA. 507+00 See Sheet No. 57

M.L. H-2 I.B. STRUCTURE #15 @ STA. 457+00 See Sheet No. 57

Structure #16 M.L. H-2 I.B. to H-1 O.B. @ STA. 504+00 See Sheet No. 57

H-2 Inbound to H-1 Outbound P.C.C. @ Sta. 502+49.89 (Ahd.) = R = 2118.15'
H-2 Inbound to H-1 Outbound P.C.C. @ Sta. 502+50.09 (Bk.) = R = 1470.18'

H-2 I.B. @ Sta. 457+77.59 (Ahd.) = R = 2663.94'
H-2 I.B. @ Sta. 457+82.00 (Bk.) = R = 2663.94'

H-1 Inbound to H-2 Outbound P.C.C. @ Sta. 505+44.54

Structure #16 @ Sta. 502+70± to H-2 IB @ Sta. 504+70±, Lt.
Remove 187.50 L.F. of Existing Guardrail and Posts. Install 175.00 L.F. of New and/or Reusable W-Beam Guardrail and Strong Posts with Modified Type A-1 Flare. See Plan Sheet No. Q1 for End Post and Thrie Beam Details for Site C2.

Structure #16 @ Sta. 502+49± to Structure #16 @ Sta. 504+70±, Lt.
Remove and Dispose of 2.50 inches of Asphalt Pavement of the 10.00 foot Shoulder and 8.00 foot Storm Water Gutter. Replace 10.00 foot Shoulder with 2.50 inches of HMA Pavement Mix No. IV. See Plan Sheet No. H1 for Storm Water Gutter Details.
NOTE: Stationing on Structure #16 is in Reverse of H-2

H-2 Structure #16 @ Sta. 502+68±, Lt.
Install Modified Type "I" Grated Inlet.
See Plan Sheet No. H6 for Inlet Details.

H-2 Structure #14 @ Sta. 497+89± to @ Sta. 501+00±, Rt.
Remove 263.00 L.F. of Existing Guardrail and Posts. Install 225.00 L.F. of New and/or Reusable W-Beam and Strong Posts with Modified Type A-1 Flare and 18.75 L.F. Nested Long Span at Location of Gate. See Plan Sht. No. Q1 for End Post Details for Site A-1.

M.L. H-2 I.B. to H-1 O.B. STRUCTURE #16 @ STA. 498+00 See Sheet No. 60

M.L. H-1 I.B. to H-2 O.B. STRUCTURE #14 @ STA. 497+50 See Sheet No. 60

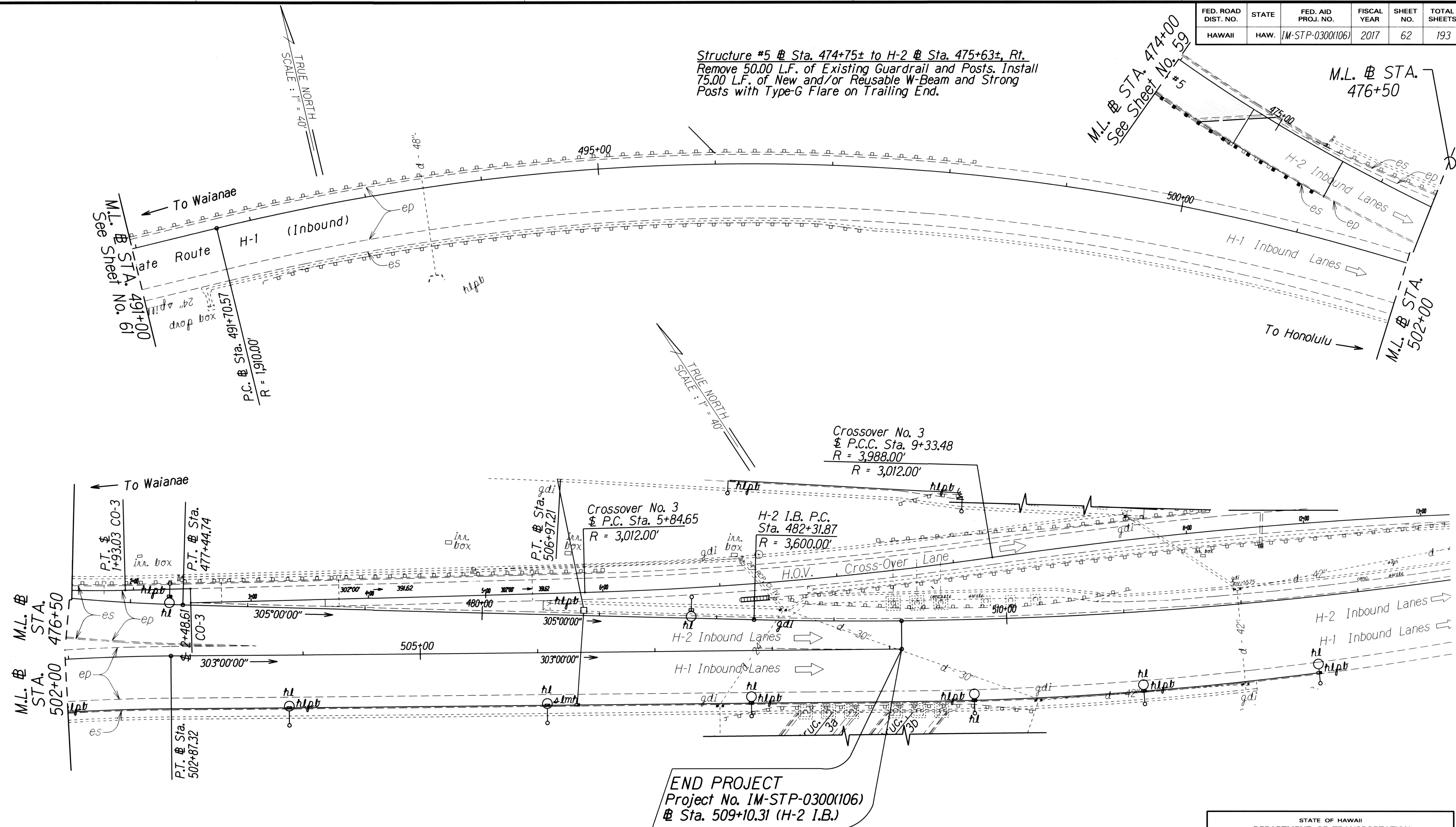
8/11/17  Added New Guardrail and Moved Note to Plan Sheet No. 57.

DATE	REVISION
------	----------

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. 33 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	62	193

Structure #5 @ Sta. 474+75± to H-2 @ Sta. 475+63±, Rt.
Remove 50.00 L.F. of Existing Guardrail and Posts. Install
75.00 L.F. of New and/or Reusable W-Beam and Strong
Posts with Type-G Flare on Trailing End.



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
TRACED BY		
DESIGNED BY		
CHECKED BY		
IN		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

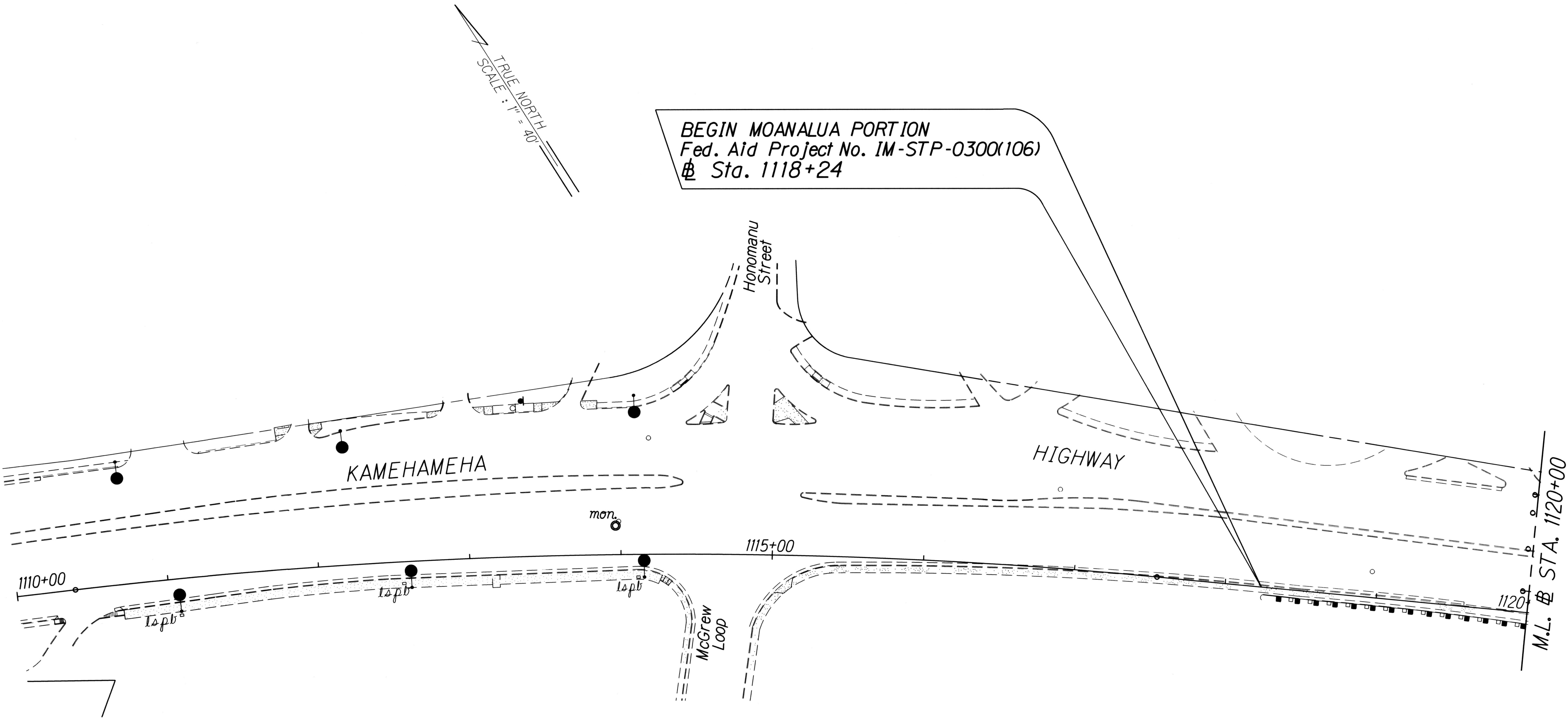
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 37 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	64	193



Kamehameha Highway @ Sta. 1118+24± to
Aiea Interchange Structure #2 @ Sta. 109+55±, Rt.
Remove 532.00 L.F. of Existing Guardrail and Posts.
Install 450.00 L.F. of New and/or Reusable W-Beam
and Strong Posts with SKT-350. See Index Plan
Sheet No. QI for End Post and Thrie Beam Details
for Site XX.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ROADWAY PLANS

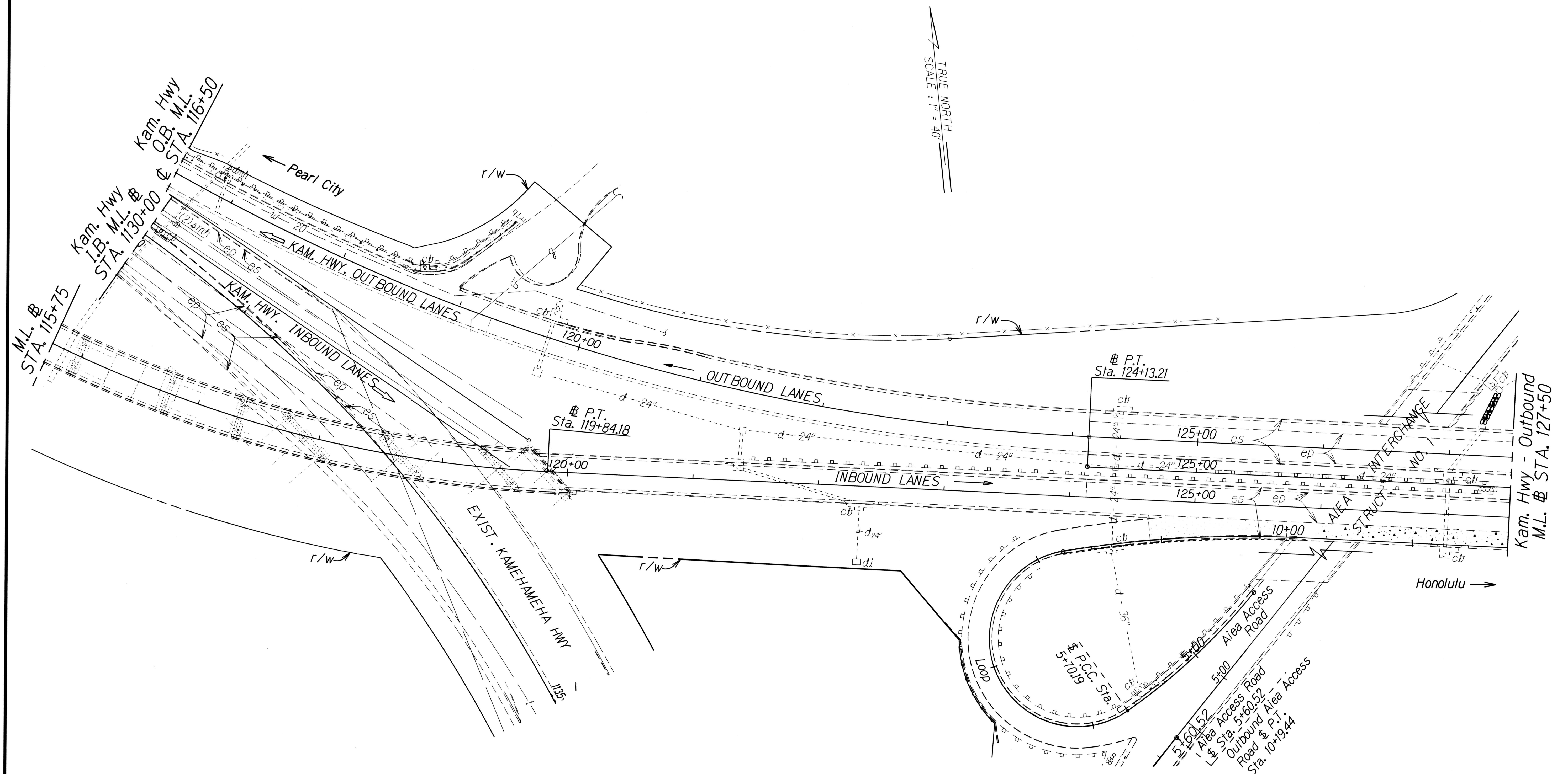
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 39 OF 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	66	193



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
	DESIGNED 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 44 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	ADD. 67	193

Moanalua Freeway @ Sta. 132+82± to
Moanalua Freeway @ Sta. 134+82±, Median

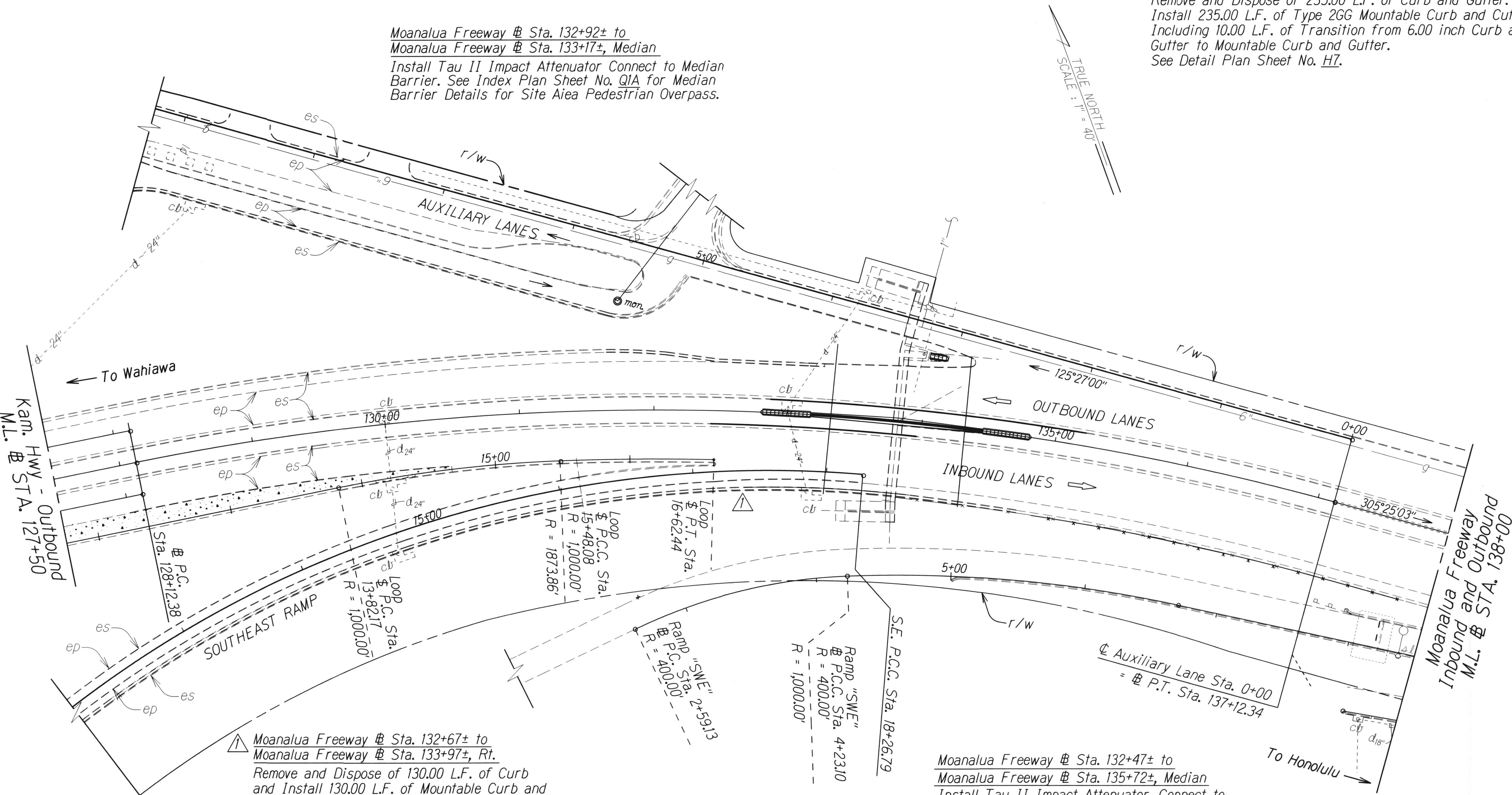
Remove and Dispose of 200.00 L.F. of Shrubs
in the Median for Installation of Median Barrier
and Impact Attenuators.

Moanalua Freeway @ Sta. 132+92± to
Moanalua Freeway @ Sta. 133+17±, Median

Install Tau II Impact Attenuator Connect to Median
Barrier. See Index Plan Sheet No. Q1A for Median
Barrier Details for Site Aiea Pedestrian Overpass.

Moanalua Freeway @ Sta. 132+87± to
Moanalua Freeway @ Sta. 135+22±, Median-Lt.

Remove and Dispose of 235.00 L.F. of Curb and Gutter.
Install 235.00 L.F. of Type 2GG Mountable Curb and Cutter
Including 10.00 L.F. of Transition from 6.00 inch Curb and
Gutter to Mountable Curb and Gutter.
See Detail Plan Sheet No. H7.



Moanalua Freeway @ Sta. 132+67± to
Moanalua Freeway @ Sta. 133+97±, Rt.
Remove and Dispose of 130.00 L.F. of Curb
and Install 130.00 L.F. of Mountable Curb and
Gutter Including 10.00 L.F. of Transition from
6.00 inch Curb and Gutter to Mountable Curb
and Cutter. See Detail Plan Sheet No. Q1A for
Barrier Details for Site Aiea Pedestrian
Overpass.

Moanalua Freeway @ Sta. 132+42± to
Moanalua Freeway @ Sta. 134+77±, Median-Rt.
Remove and Dispose of 235.00 L.F. of Curb and Gutter.
Install 235.00 L.F. of Mountable Curb and Gutter Including
10.00 L.F. of Transition from 6.00 inch Curb and Gutter to
Mountable Curb and Cutter. See Detail Plan Sheet No. Q1A
for Barrier Details for Site Aiea Pedestrian Overpass.

Moanalua Freeway @ Sta. 132+47± to
Moanalua Freeway @ Sta. 135+72±, Median
Install Tau II Impact Attenuator. Connect to
Median Barrier. See Index Plan Sheet No. Q1A
for Median Details For Site Aiea Pedestrian
Overpass.

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. 1M-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014

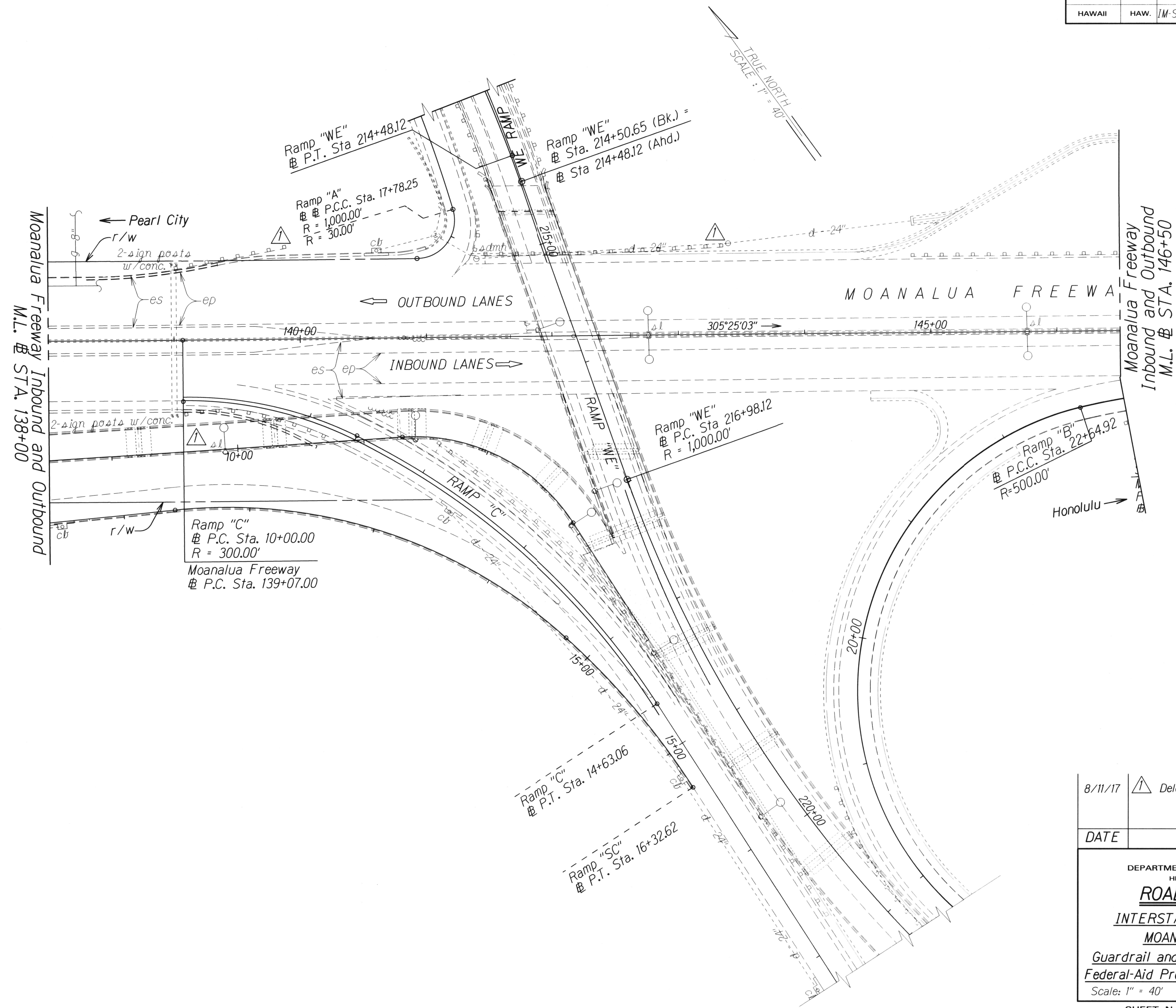
8/11/17
DATE

Corrected Construction Note and
Added Barrier.
REVISION

SHEET No. 42 OF 44 SHEETS
ADD. 67

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 68	193



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

8/11/17 Deleted New Guardrail.

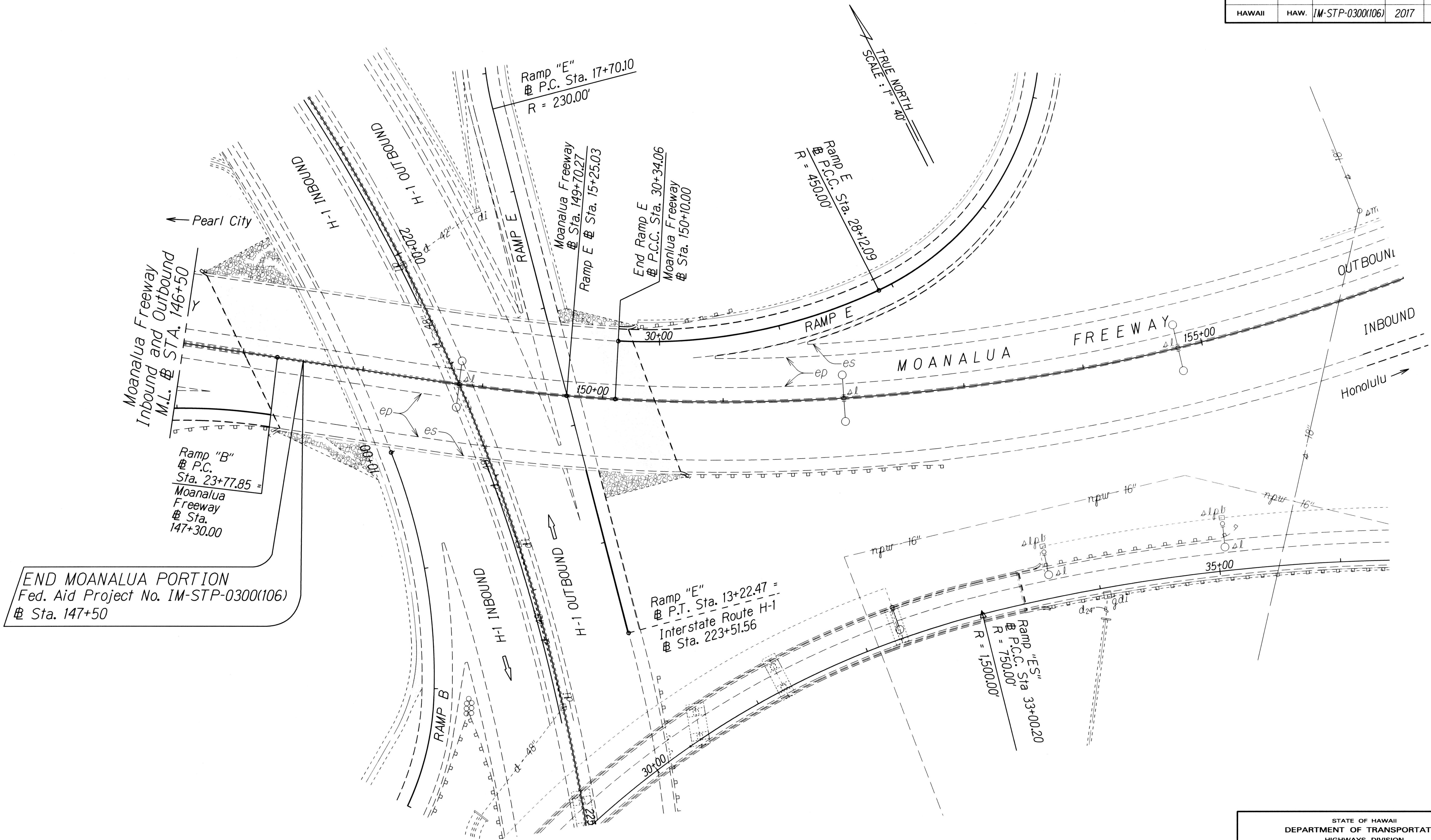
DATE REVISION

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 44 SHEETS

ADD. 68

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	69	193



END MOANALUA PORTION
Fed. Aid Project No. IM-STP-0300(106)
@ Sta. 147+50

ORIGINAL PLAN	DATE
NOTE BOOK	
DESIGNED BY	
CHECKED BY	
QUANTITIES BY	
TRACED BY	
DRAWN BY	
SURVEY PLOTTED 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. 44 OF 44 SHEETS