

H-2 FREEWAY EMERGENCY CALL BOX SCHEDULE

Station	Baseline	Left/Right	Remove Call Box	Pad Removal Yes/No	Replace Storm Water Gutter
52+92	H-2	Left	X	Yes	No
57+27	H-2	Right	X	Yes	Yes
86+00	H-2	Right	X	Yes	Yes
110+00	H-2	Right	X	Yes	Yes
110+00	H-2	Left	X	Yes	See Shoulder Work
140+00	H-2	Right	X	No	No
149+28	H-2	Left	X	Yes	No
159+50	H-2	Right	X	Yes	See Shoulder Work
179+48	H-2	Left	X	Yes	No
192+00	H-2	Right	X	Yes	Yes
211+75	H-2	Left	X	No	Yes
223+92	H-2	Right	X	No	No
247+24	H-2	Left	X	No	No
247+24	H-2	Right	X	No	No

H-2 FREEWAY EMERGENCY CALL BOX SCHEDULE

Station	Baseline	Left/Right	Remove Call Box	Pad Removal Yes/No	Replace Storm Water Gutter
275+50	H-2	Right	X	Yes	Yes
278+00	H-2	Left	X	No	Yes
297+86	H-2	Left	X	Yes	Yes
309+00	H-2	Right	X	Yes	No
330+13	H-2	Left	X	No	No
340+26	H-2	Right	X	Yes	No
362+94	H-2	Left	X	Yes	No
366+89	H-2	Right	X	Yes	No
393+00	H-2	Right	X	No	Yes
393+00	H-2	Right	X	No	Yes
419+60	H-2	Left	X	No	No
446+80	H-2	Left	X	No	Yes
496+20	H-2 to H-1	Left	X	No	Yes

MOANALUA FREEWAY GUARDRAIL AND END TREATMENT SCHEDULE

Station		Baseline	Left or Right of Median	W-Beam (L.F.)		Thrie Beam (L.F.)		Guardrail w/Rubrail (L.F.)	Installation End Treatment		Other	Bridge
From	To			Remove	Install	Remove	Install	Remove	Approach	Trailing	Install	Site ID
1118+24	109+54	Rte. 99 to Rte. 78	Right	507.00	450.00	25.00	25.00		SKT-350			Aiea Interchange Structure No. 2
132+92	133+17	Rte. 78	Median						Tau II Impact Attenuator			Aiea Pedestrian Overpass
133+17	133+92	Rte. 78	Right								75 L.F. Concrete Barrier	Aiea Pedestrian Overpass
133+17	134+47	Rte. 78	Right								130 L.F. Median Barrier	Aiea Pedestrian Overpass
134+47	134+72	Rte. 78	Median						Tau II Impact Attenuator			Aiea Pedestrian Overpass

MOANALUA FREEWAY SHOULDER WORK SCHEDULE

Station		Baseline	Left/Right	Curb & Gutter (L.F.)		Fence (L.F.)		Shrub (L.F.)
From	To			Removal	Installation	Top Bar Removal	Top Wire Install	Removal
132+42	132+77	Rte. 78	Median-Right	235	235			
132+87	133+22	Rte. 78	Median-Left	235	235			
132+67	133+02	Rte. 78	Right	130	130			
132+82	134+17	Rte. 78	Median					200

H-2 FREEWAY SHOULDER WORK SCHEDULE

Station		Baseline	Left/Right	Shoulder/Gore Merge Lane			Base Course	Stormwater Gutter		
From	To			Thickness (Inch)	Width (L.F.)	Length (L.F.)	Replace Yes/No	Width (L.F.)	Length (L.F.)	Asphalt/Concrete
468+94	469+94	Structure #5	Left	2.50	5	100	Yes	5.50	70	Concrete
456+51	457+66	Structure #15	Right	4.00			Yes	4	115	Concrete
454+80	457+44	Structure #13	Left	2.50	10	264	Yes	5	264	Asphalt
502+49	504+70	Structure #16	Left	2.50	10	221	Yes	8	221	Asphalt
11+15		WG-2	Right				Yes	8 - 14 3/4	70	Concrete
468+94	469+94	Structure #5	Left	2.50	5	100	Yes	5.50	70	Concrete
473+00	475+87.50	Structure #6	Left				Yes	8	225	Concrete

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	ADD. 9	193

8/10/17	Deleted Sheet.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
MISCELLANEOUS SCHEDULE	
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY	
Guardrail and Shoulder Improvements	
Federal-Aid Project No. 1M-STP-0300(106)	
Date: Jan. 6, 2017	
SHEET No. 1 OF 3 SHEETS	

H-2 FREEWAY GUARDRAIL AND END TREATMENT SCHEDULE

Station		Baseline	Left or Right of Median	W-Beam (L.F.)		Thrie Beam (L.F.)			Double Sided W-Beam Install	Guardrail w/Rubrail (L.F.) Remove	Installation End Treatment		Other		Bridge Site ID
From	To			Remove	Install	Remove	Install	Reinstall			Approach	Trailing	Remove	Install	
42+31	45+62	H-2	Median				875.00			210.00	Tau II Impact Attenuator	Tau II Impact Attenuator	Sand Barrels		
60+75	67+50	H-2	Left	563.00	700.00		25.00			25.00	Tau II Impact Attenuator				N
7+10.50	8+89	Loop I	Right	162.50	87.50		25.00			25.00	SKT-350				NN
3+18	3+74.25	Ramp C	Left		62.50							End Section Rounded			
61+68	69+00	H-2	Right	25.00	25.00		25.00			25.00					MM
82+50	83+25	H-2	Right	57.00	50.00		25.00			25.00	Tau II Impact Attenuator				LL
3+04	3+91.50	Ramp D	Left		87.50							End Section Rounded			
86+00	89+50	H-2	Left	207.75	325.00		25.00			25.00		Modified Type A-1 Flare			M
126+25	126+50	H-2	Median			50.00		50.00							KK
167+20	173+65	H-2	Left	50.00	595.00						Modified Type A-1 Flare				
183+75	187+50	H-2	Right	75.00	350.00		25.00			300.00	SKT-350				JJ
7+56	8+00	Ramp R-3	Left								Tau II Impact Attenuator		Impact Attenuator		
188+57.50	189+00	H-2	Right								Tau II Impact Attenuator		Impact Attenuator		
220+00	220+75	H-2	Left	50.00	50.00	25.00	25.00				Modified Type A-1 Flare				L
260+20	261+00	H-2	Right	55.00	50.00	25.00	25.00				Modified Type A-1 Flare				II
265+50	266+50	H-2	Left	61.00	50.00	25.00	25.00				Modified Type A-1 Flare				K
265+56	266+31	H-2	Right	75.00											
271+16.50	271+44	H-2	Left	250.00											
273+50	273+87.50	H-2	Left	12.50	12.50	25.00	25.00								J
275+30	278+40	H-2	Right	61.00	27.50	25.00	25.00				Fleat 350				HH
290+00	290+37.50	H-2	Left	12.50	12.50	25.00	25.00								I
308+86	309+43	H-2	Right	50.00	61.00										
310+00	311+25	H-2	Left	75.00	75.00							Modified Type A-1 Flare			H
317+52	317+89.50	H-2	Right	37.50							Fleat 350				
329+50	329+87.50	H-2	Left	12.50	12.50	25.00	25.00								G2
3+70	5+50	Ramp WG-4	Right	108.00	137.50	25.00	25.00				Modified Type A-1 Flare				F2
343+24	348+96	H-2	Left	572.00											
363+90	366+86	H-2	Right	271.00	287.50	25.00	25.00				Modified Type A-1 Flare	Type G Flare			

SURVEY PLOTTED BY: _____ DATE: _____

DRAWN BY: _____

CHECKED BY: _____

QUANTITIES BY: _____

CHECKED BY: _____

ORIGINAL
PLAN

NOTE BOOK

N: _____

8/10/17 Deleted Sheet.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULE

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements

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

Date: Jan. 6, 2017

SHEET No. 2 OF 3 SHEETS

H-2 FREEWAY GUARDRAIL AND END TREATMENT SCHEDULE

Station		Baseline	Left or Right of Median	W-Beam (L.F.)		Thrie Beam (L.F.)			Double Sided W-Beam	Guardrail w/Rubrail (L.F.)	Installation End Treatment		Other		Bridge
From	To			Remove	Install	Remove	Install	Reinstall	Install	Remove	Approach	Trailing	Remove	Install	Site ID
368+55	369+05	H-2	Median						50.00			Type G Flare			
369+05	376+30	H-2	Median		725.00							End Section Rounded			
370+25	375+00	H-2	Right	375.00	425.00	25.00	25.00				Modified Type A-1 Flare				GG
374+17	376+26	H-2	Median	209.00											
376+75	378+25	H-2	Left	125.00	50.00	25.00	25.00				Modified Type A-1 Flare				GI
377+00	382+50	H-2	Right	12.50	12.50	25.00	25.00								FF
396+50	398+00	H-2	Left	125.00	75.00	25.00	25.00				Modified Type A-1 Flare				F
410+40	412+50	H-2	Right	12.50	12.50	25.00	25.00								EE
411+75	412+12.50	H-2	Left	12.50	12.50	25.00	25.00								E
425+50	426+50	H-2	Left	10.00	50.00	25.00	25.00				Modified Type A-1 Flare				D
453+44	457+66	Structure #15	Left	162.50	375.00	25.00	25.00					Modified Type A-1 Flare		Stormwater Gutter	C1
454+80	457+44	Structure #13	Left	264.00										Stormwater Gutter	
463+10	463+60	Structure #13	Right			25.00	25.00								DD1
463+10	463+60	Structure #13	Left			25.00	25.00								DD2
465+62	467+47	Structure #15	Left	160.00		25.00	25.00								
465+62	471+00	Structure #5	Right	146.00	465.00	25.00	25.00								CC2
469+94	471+22	Structure #5	Left			25.00	50.00								CC1
473+00	476+78	Structure #6	Right	161.00	250.00	25.00	25.00				Fleat 350				B2
474+75	475+63	Structure #5	Right	25.00	50.00	25.00	25.00					Type G Flare			
473+00	478+87.50	Structure #6	Left	232.00	237.50	25.00	25.00				Modified Type A-1 Flare Fleat 350				BI
485+50	486+00	H-2 to H-1 Ramp	Right	50.00		25.00	25.00								
496+55	496+80	H-2 to H-1 Ramp	Right	25.00	25.00	25.00	25.00								
497+89	501+00	Structure #14	Right	238.00	25.00	25.00	25.00				Modified Type A-1 Flare			Nested Long Span	A1
500+27	501+00	Structure #14	Left			25.00		25.00							A2
502+70	504+70	Structure #16	Left	162.50	175.00	25.00	25.00				Modified Type A-1 Flare			Stormwater Gutter	C2
505+84	506+69	Structure #14	Left	85.00											
510+66	510+89	Structure #16	Right								Tau II Impact Attenuator		Sand Barrels		

8/10/17 Deleted Sheet.

DATE REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULE

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

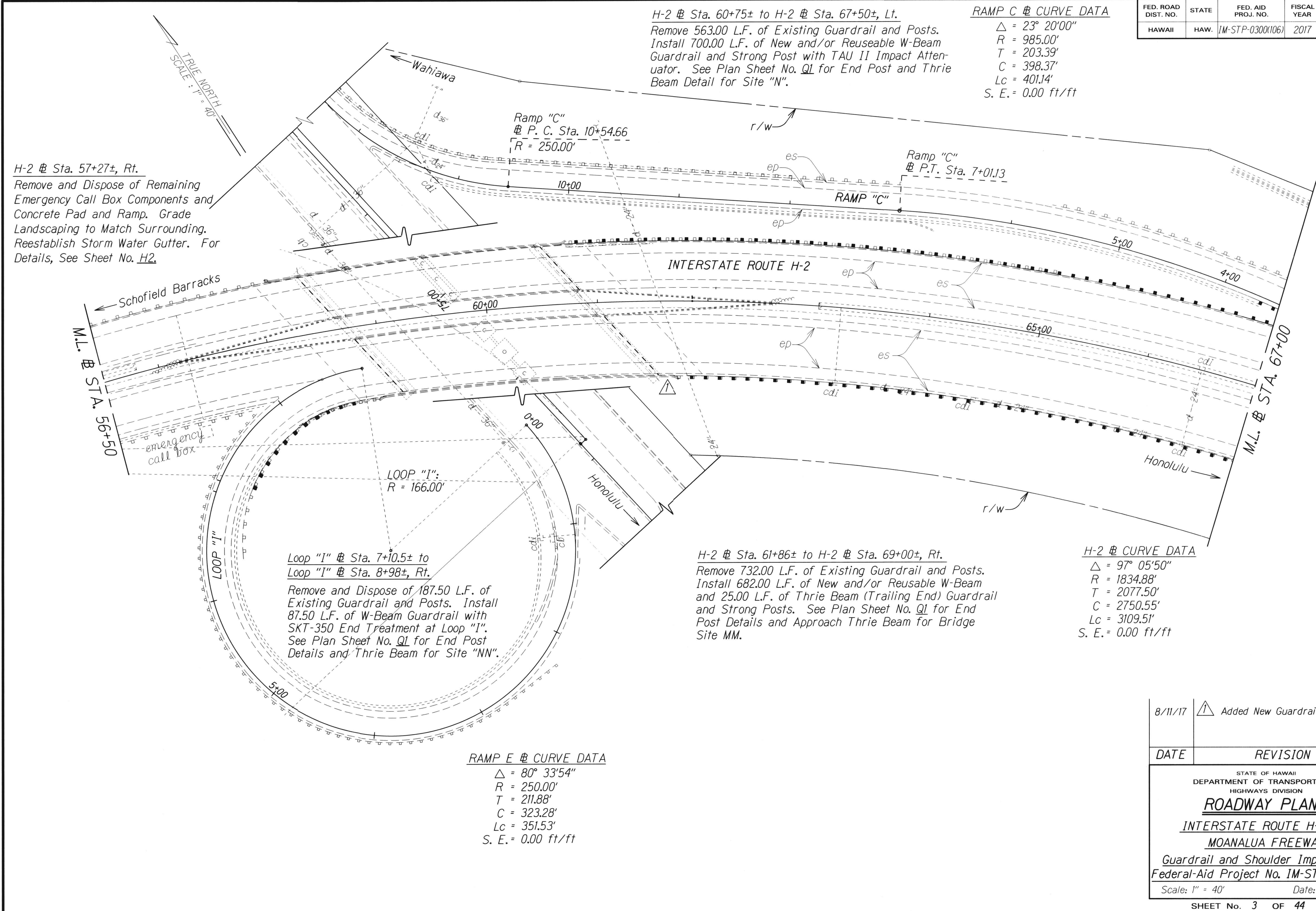
Guardrail and Shoulder Improvements

Federal-Aid Project No. 1M-STP-0300(106)

Date: Jan. 6, 2017

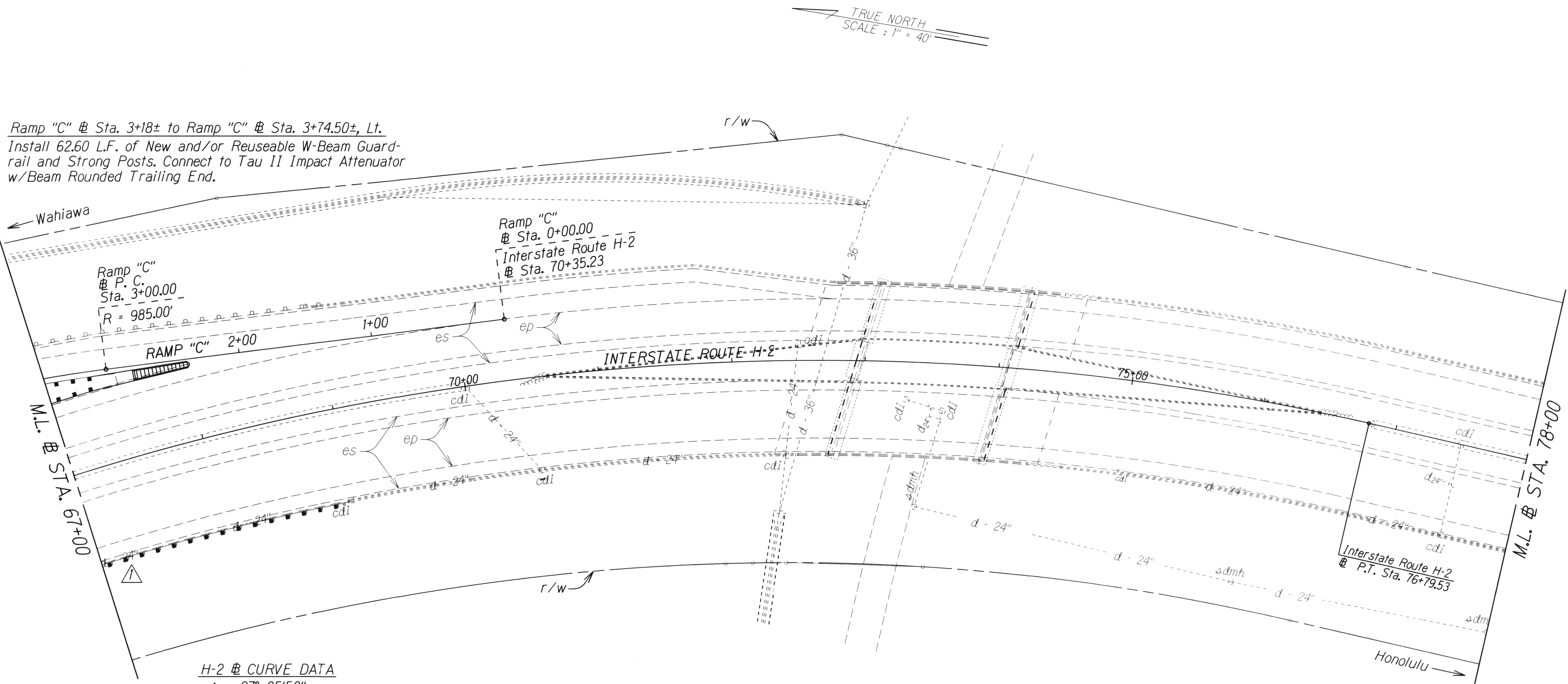
SHEET No. 3 OF 3 SHEETS

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

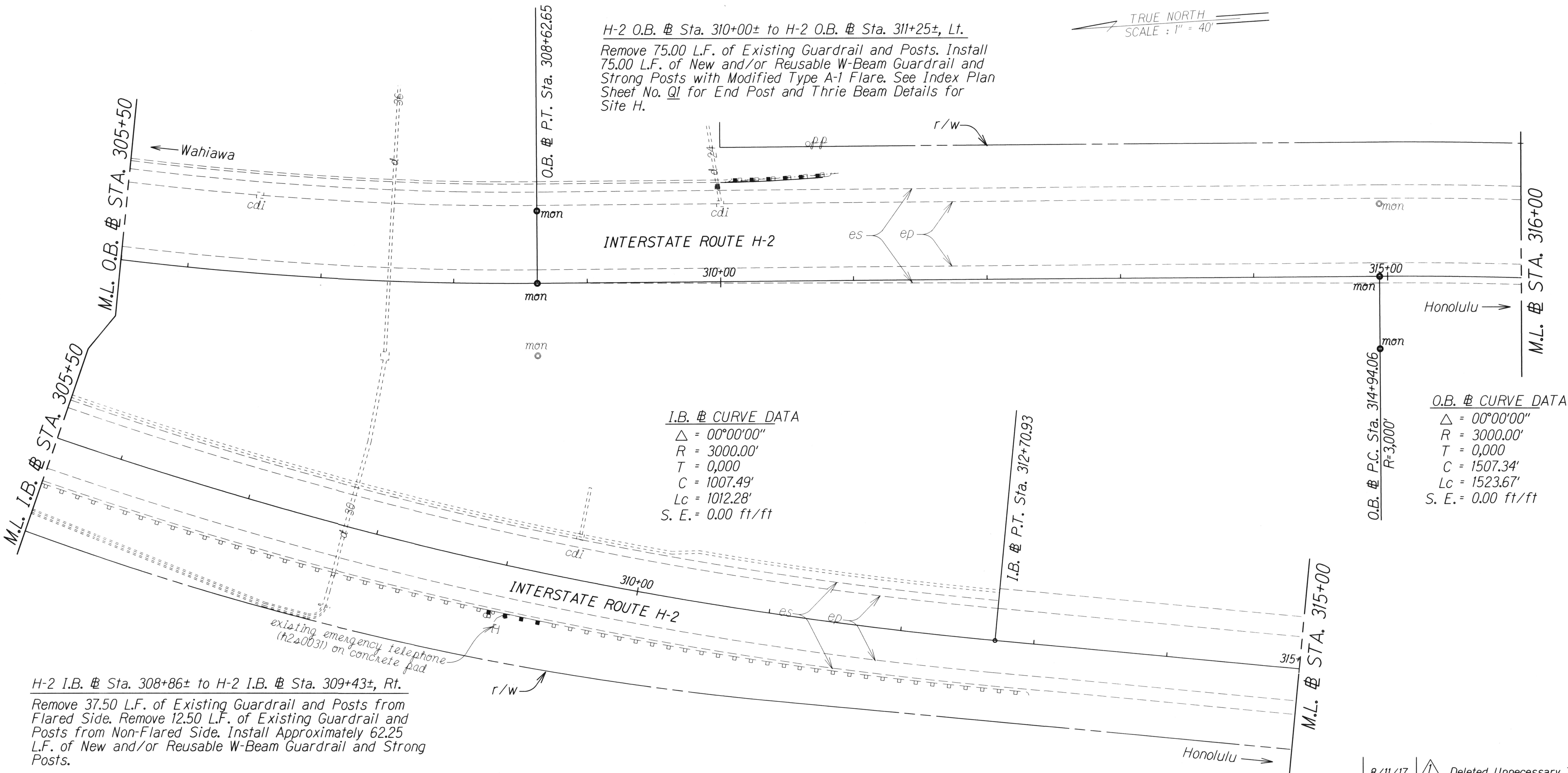
ROADWAY PLANS

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	ADD. 44	193



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

8/11/17  Deleted Unnecessary Text.

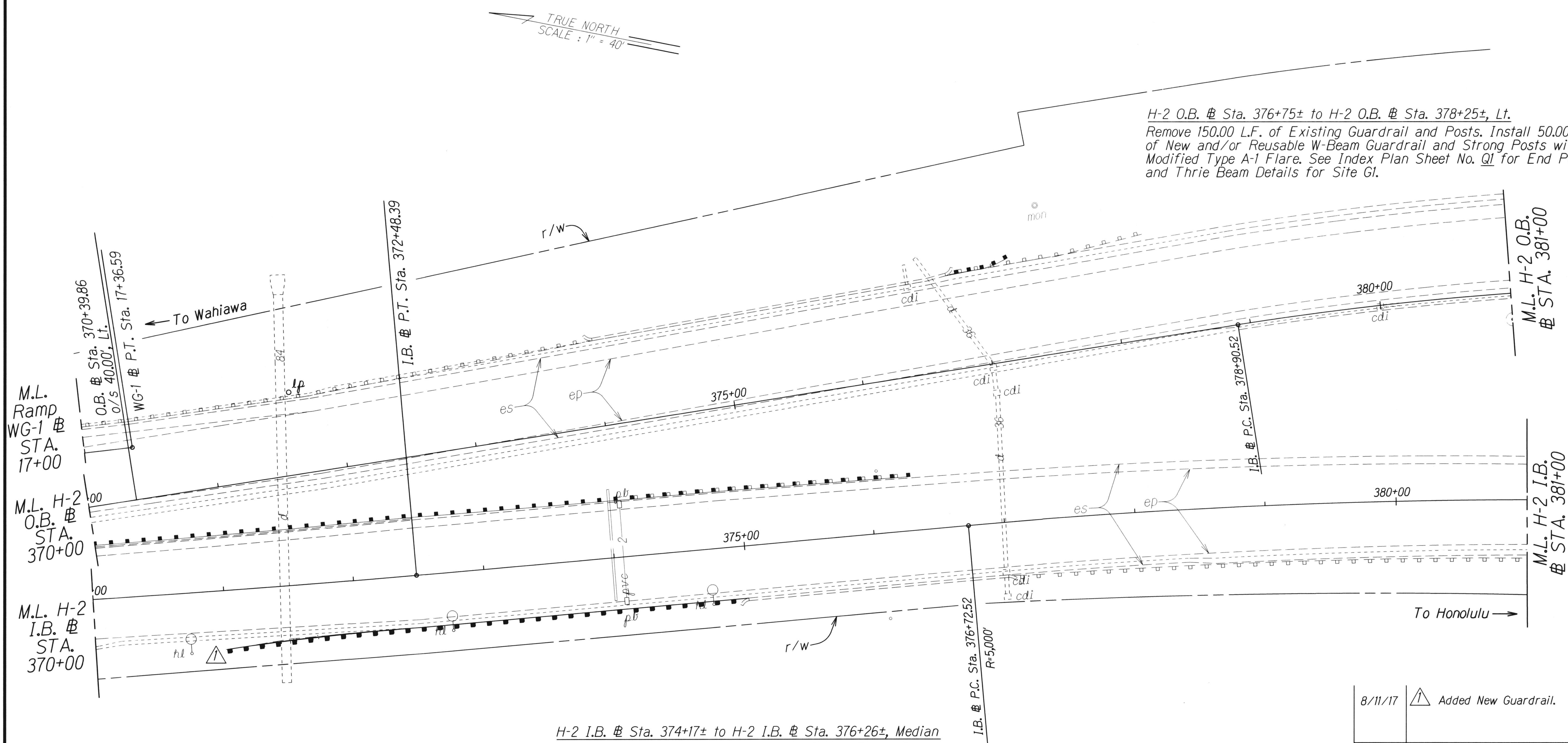
DATE REVISION

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

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 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.

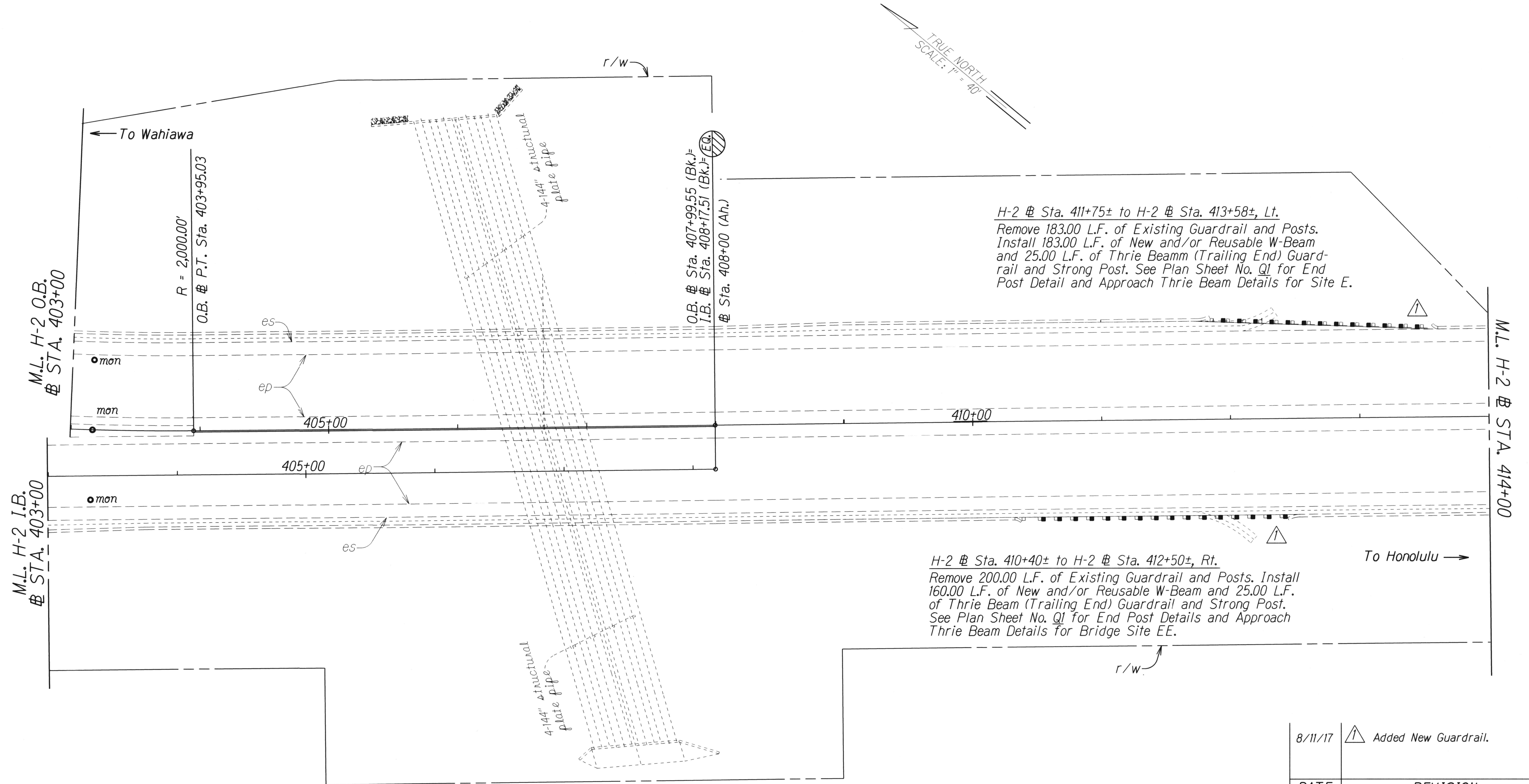
DATE	REVISION
------	----------

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	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. IM-STP-0300(106)
Scale: 1" = 40' Date: Dec., 2014
SHEET No. 28 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. 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 (And.) = R = 2118.15'

H-2 Inbound to H-1 Outbound P.C.C. @ Sta. 502+50.09 (Bk.) = R = 1,470.18'

H-2 I.B. @ Sta. 457+77.59 (And.) = R = 2,663.94'

H-2 I.B. @ Sta. 457+82.00 (Bk.) = R = 2,663.94'

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.	1M-STP-0300(106)	2017	ADD. 67	193

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

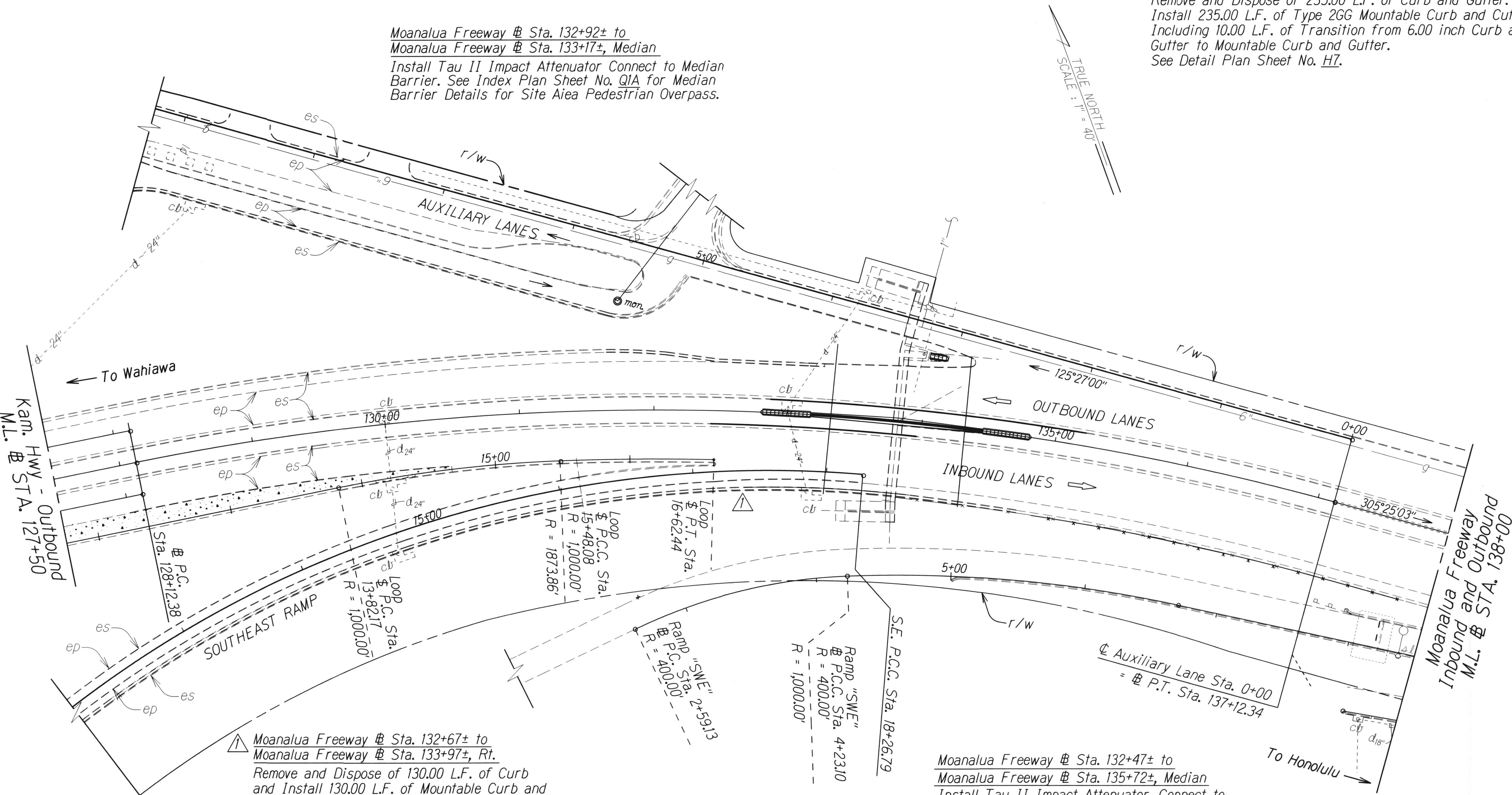
Remove and Dispose of 200.00 L.F. of Shrubs
in the Median for Installation of Median Barrier
and Impact Attenuators.

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)

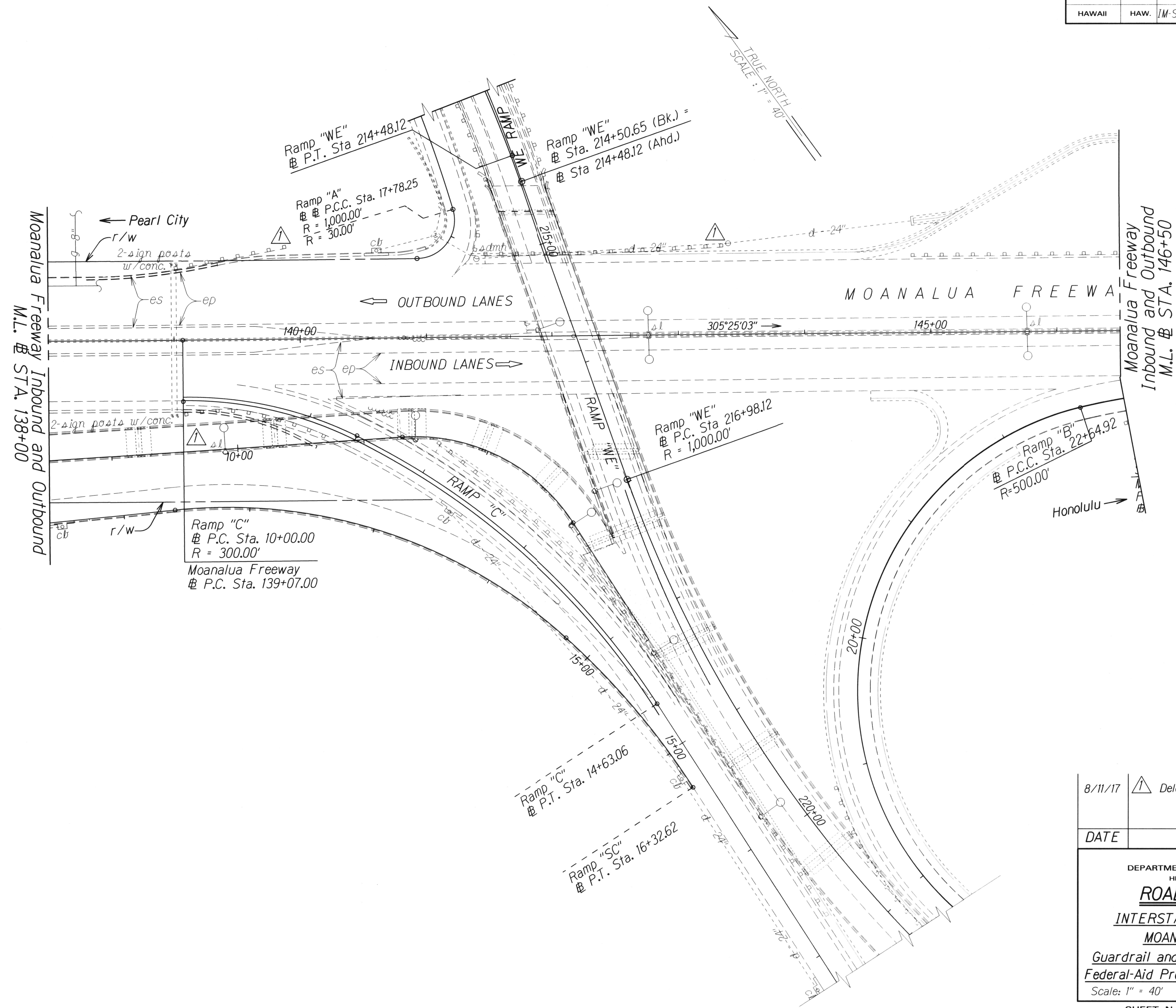
Scale: 1" = 40' Date: Dec., 2014

SHEET No. 42 OF 44 SHEETS

8/11/17 Corrected Construction Note and
Added Barrier.

DATE REVISION

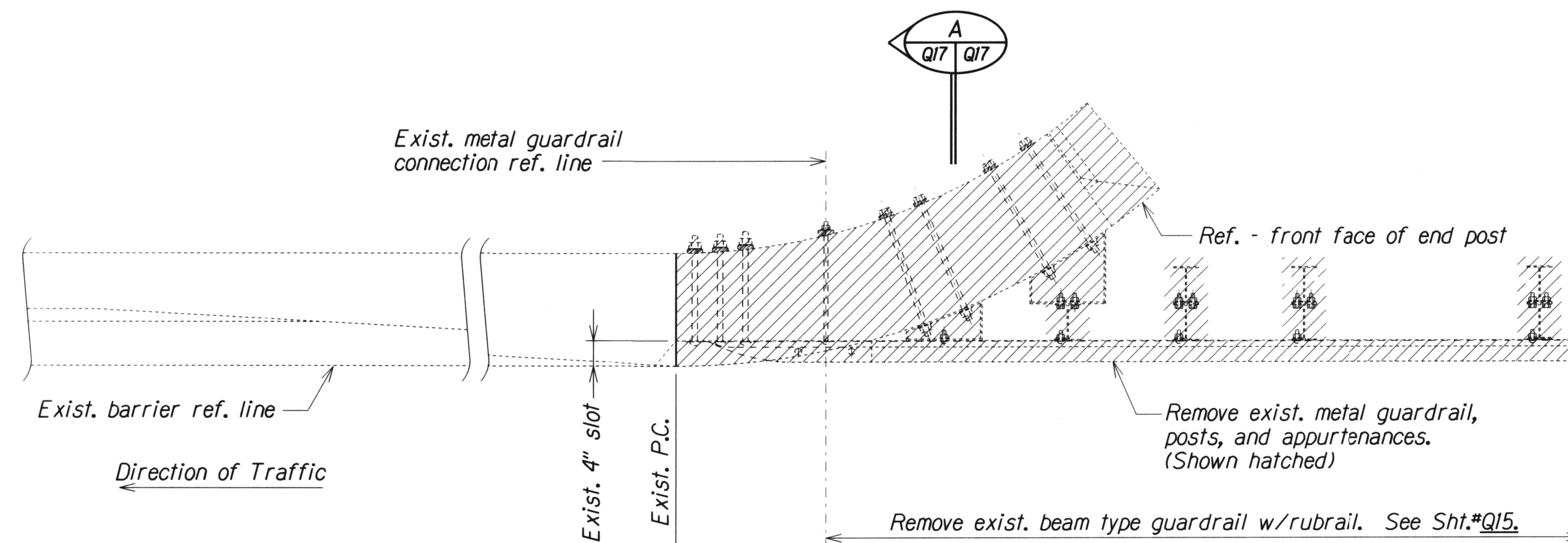
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD. 68	193



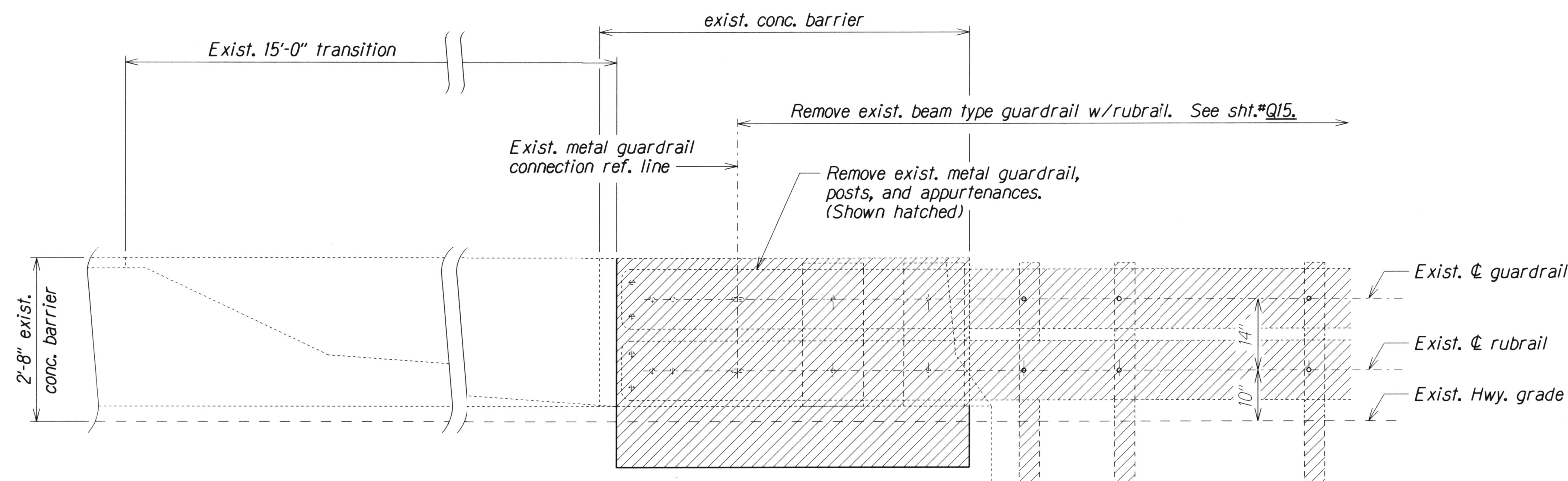
SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	

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	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	ADD.86	193



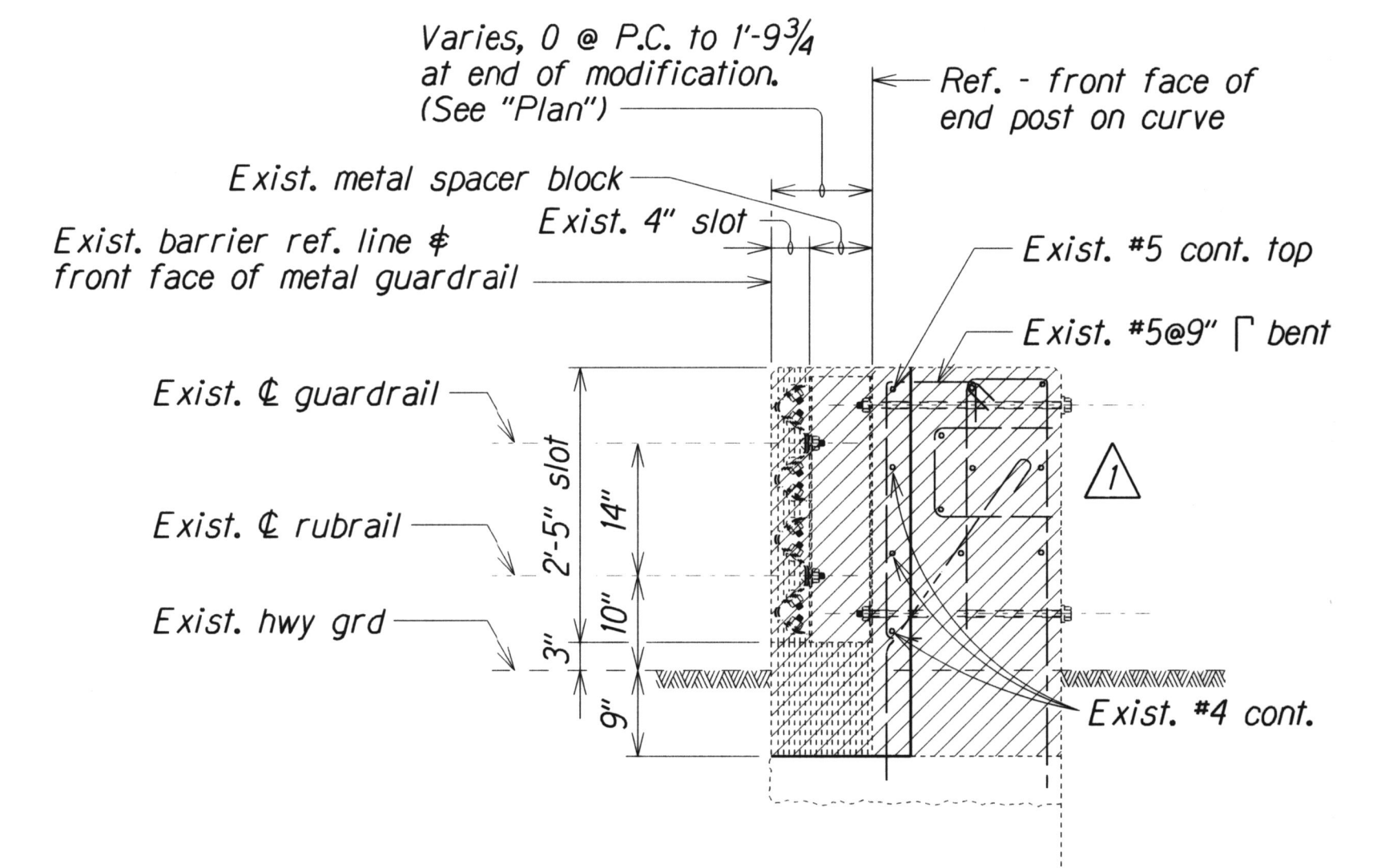
PLAN
Scale: $\frac{3}{4}"=1'-0"$



ELEVATION
Scale: $\frac{3}{4}"=1'-0"$

Note:

Limits of removal and modification of existing concrete barrier shown by hatched lines. Exposed reinf. to remain and cleaned before new pour.



SECTION
Scale: $\frac{3}{4}"=1'-0"$

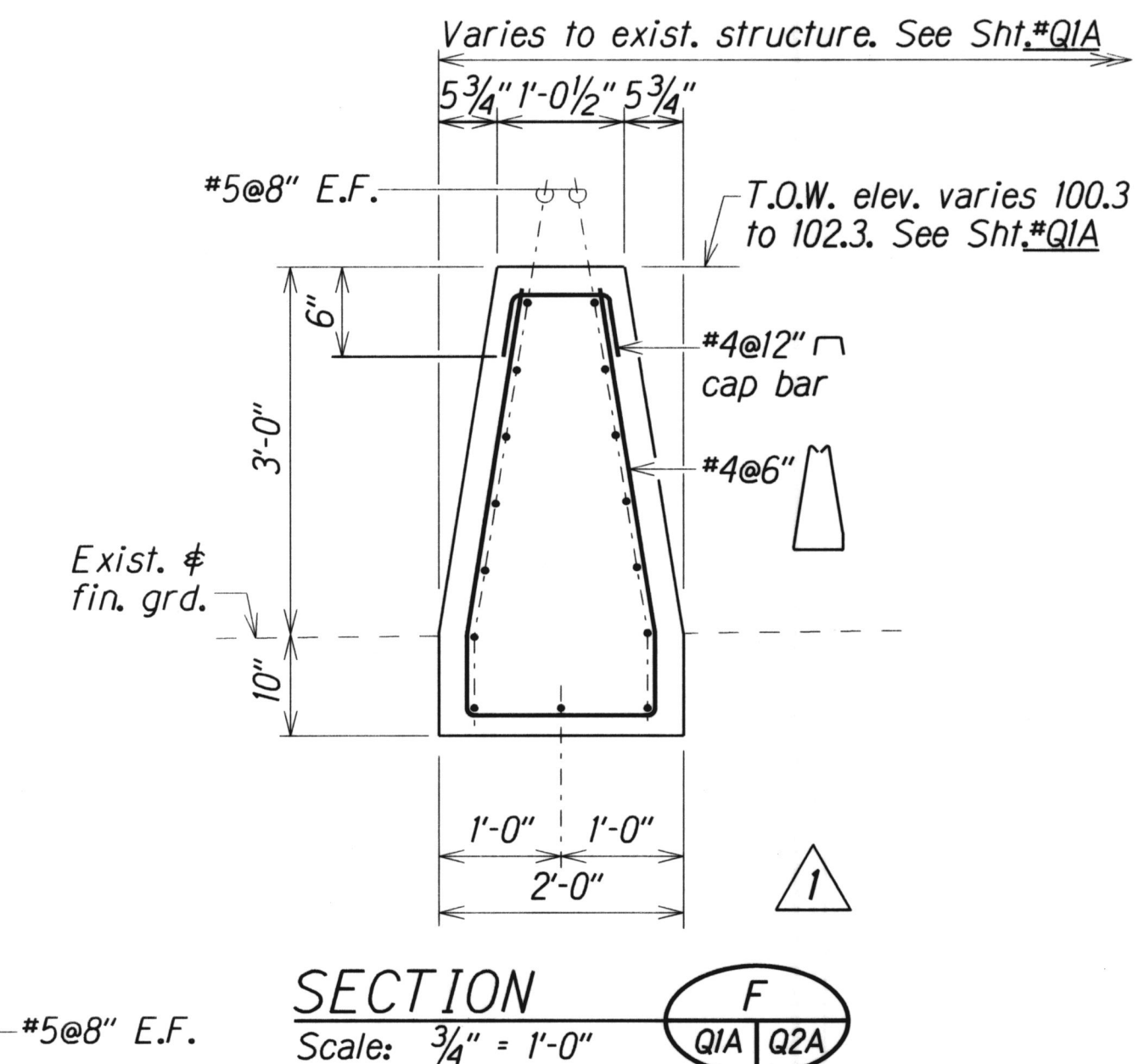
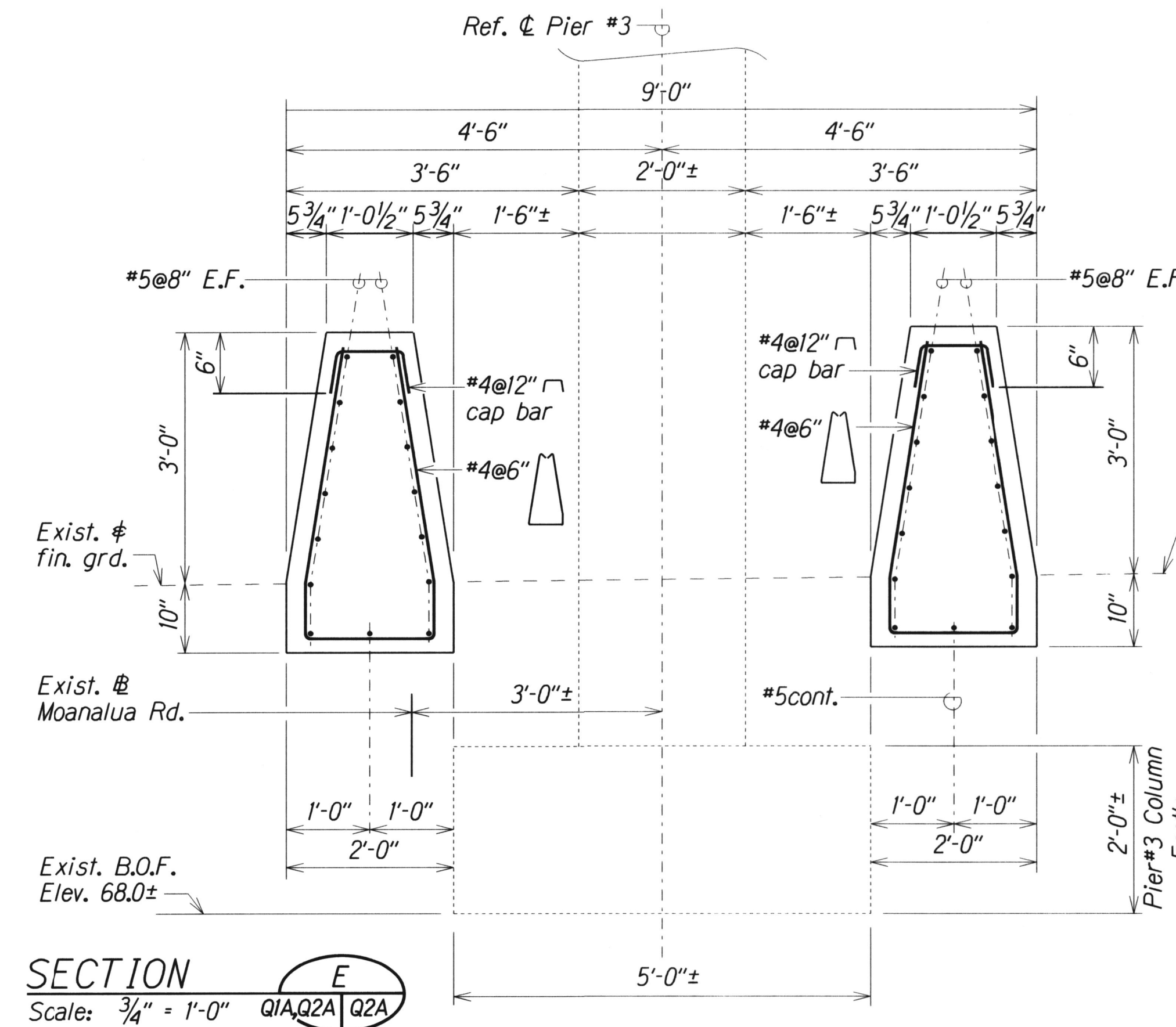
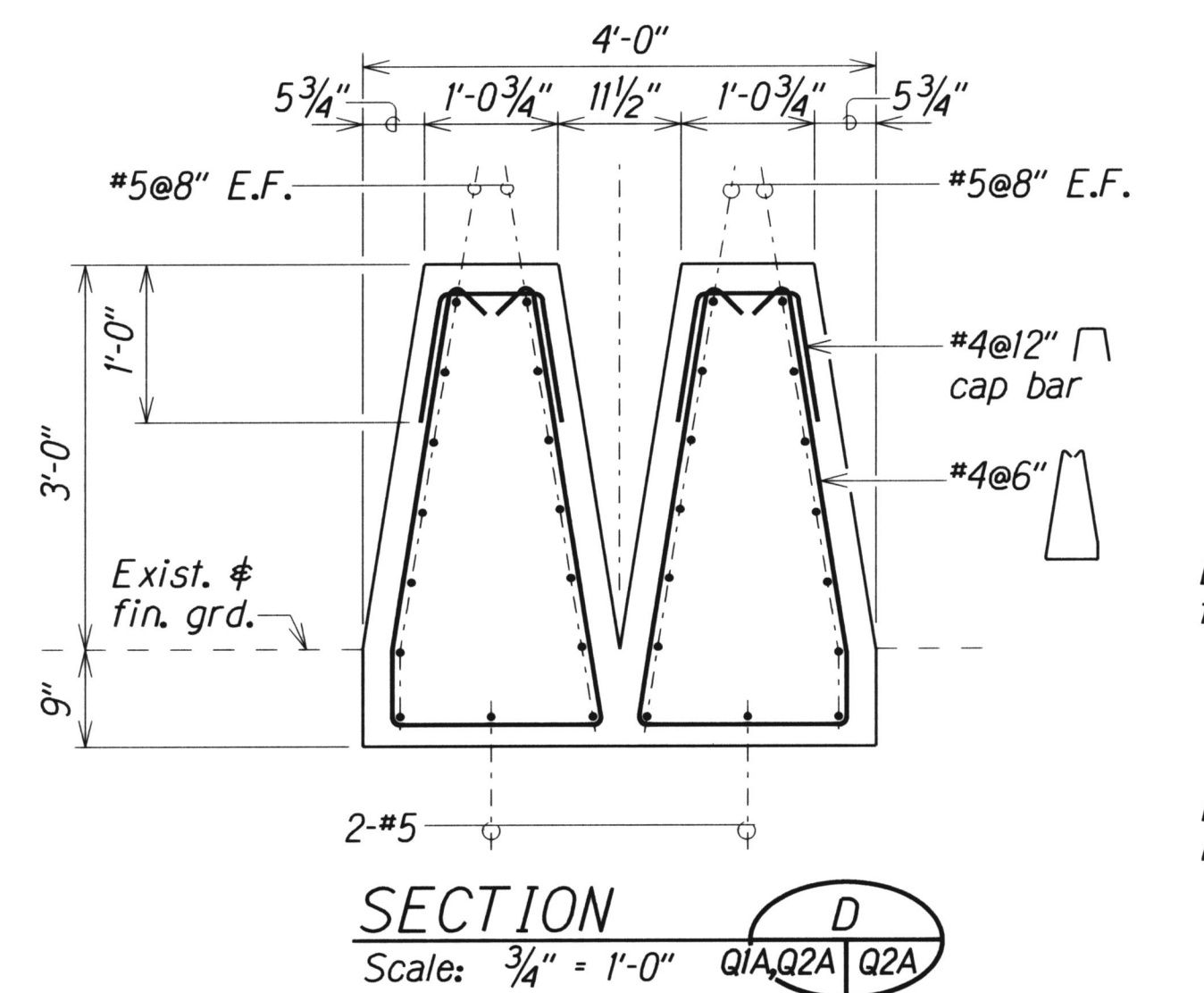
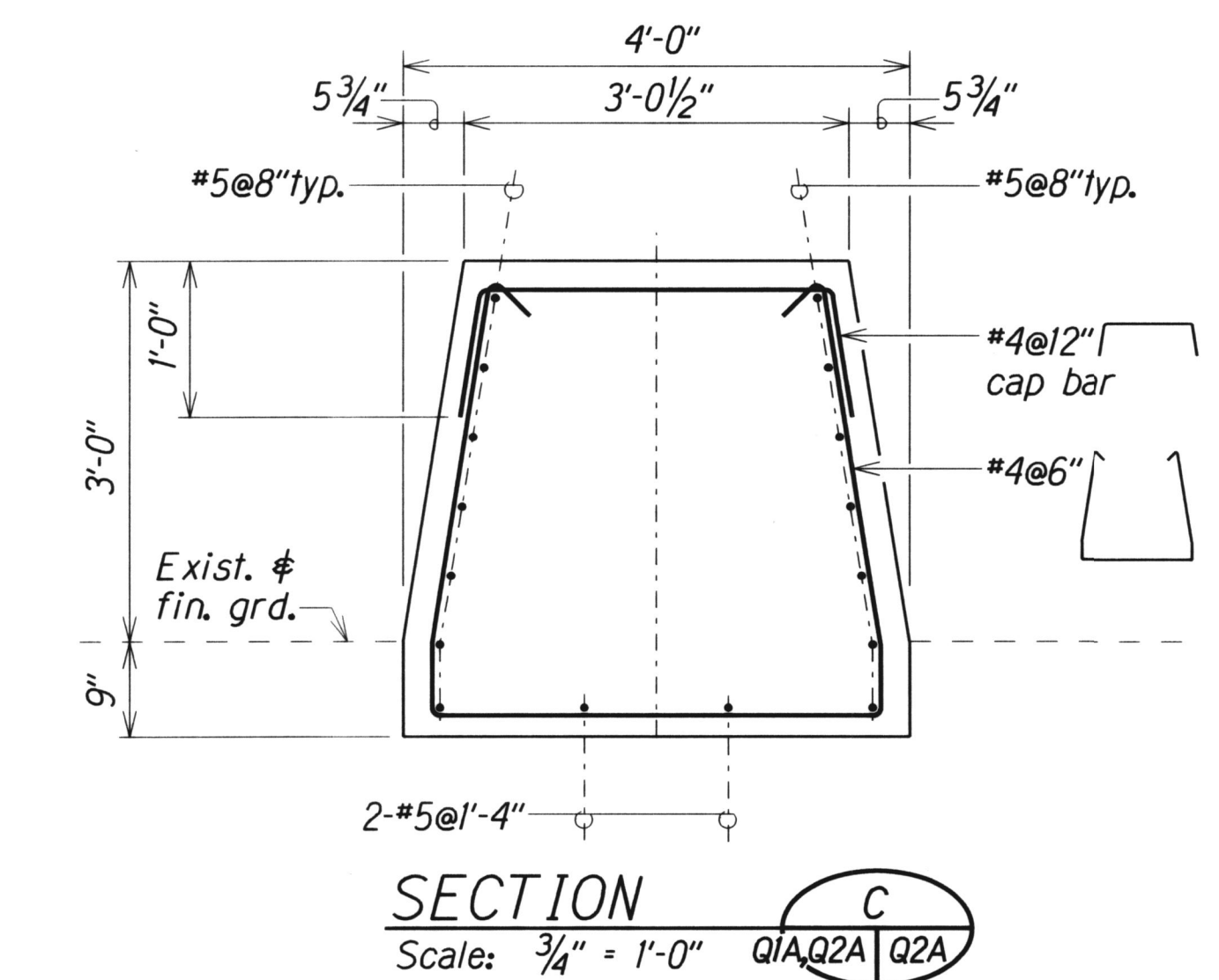
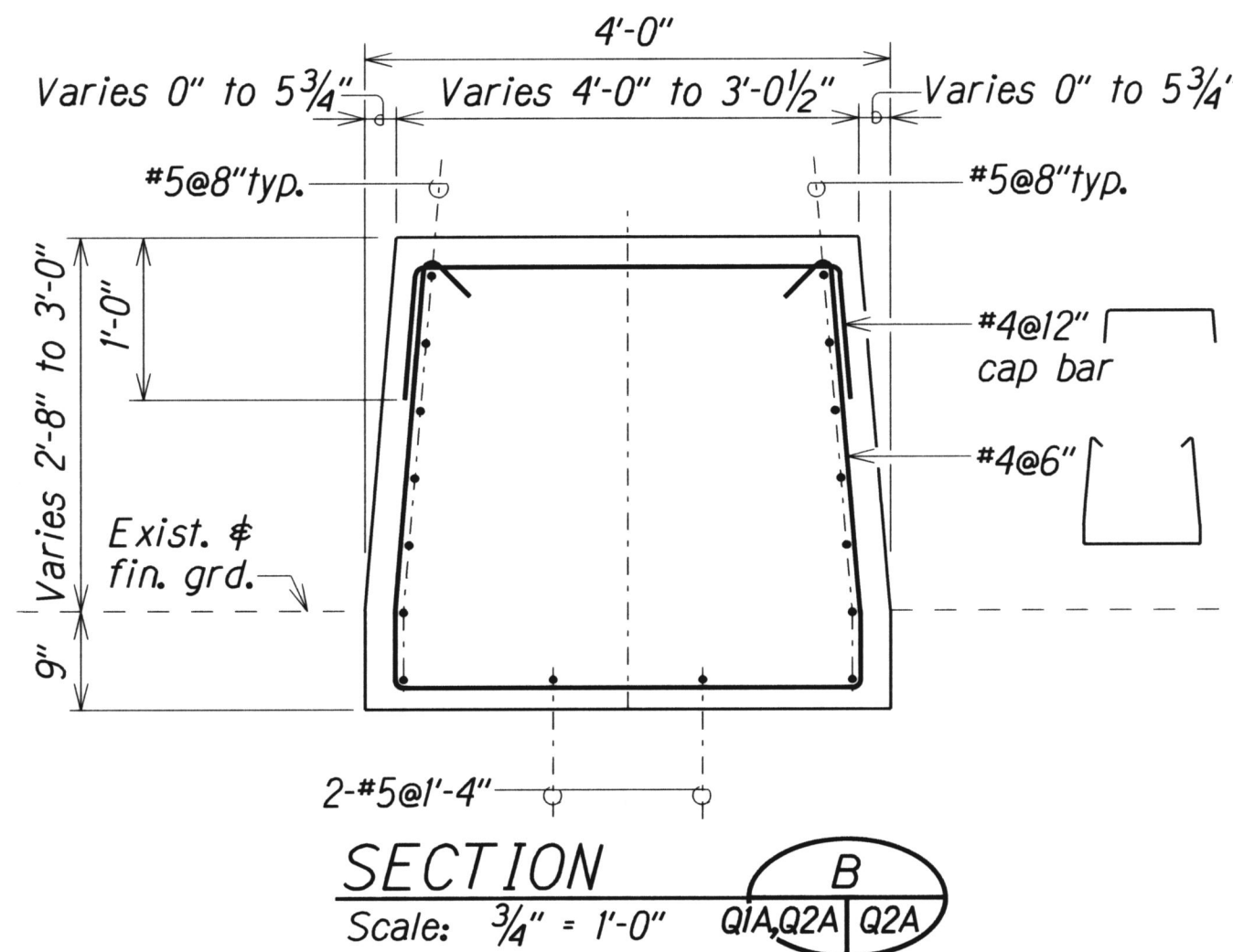
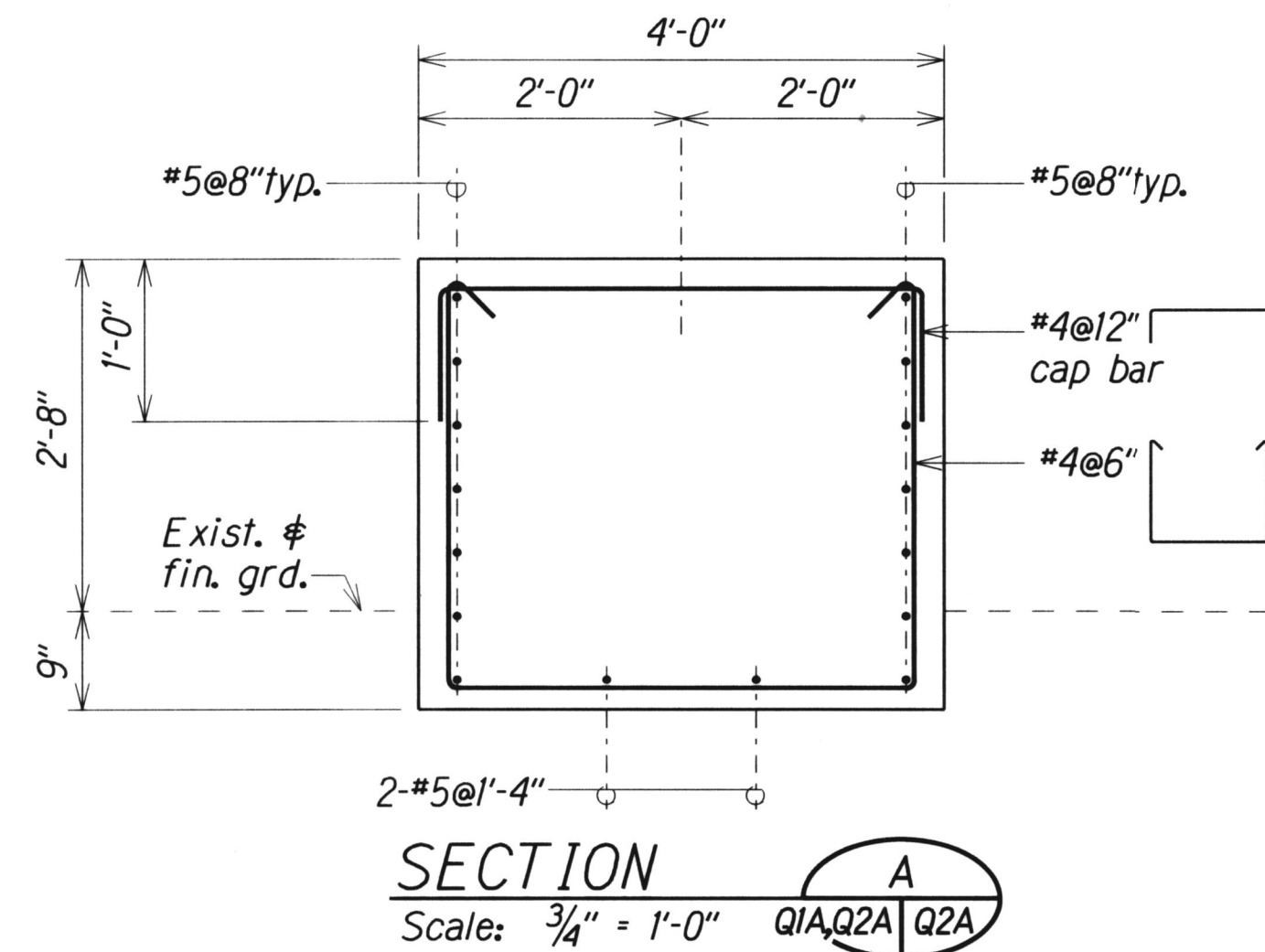
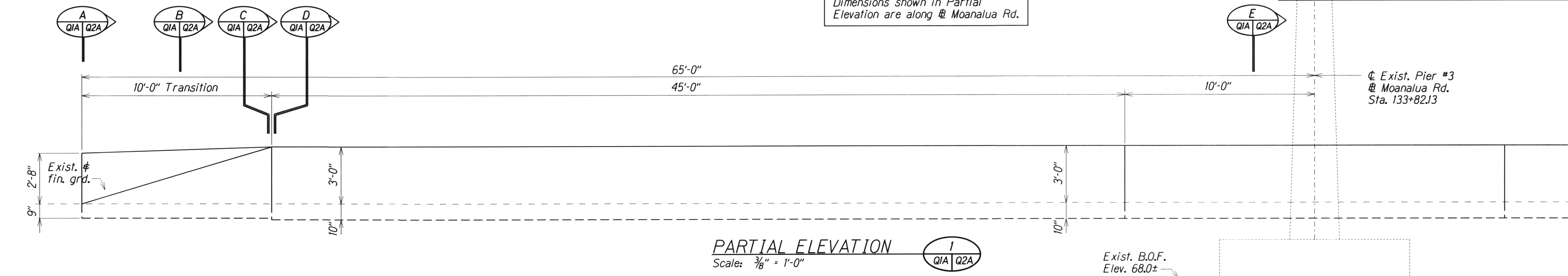
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	XXX 1997
N2	DESIGNED BY	XXX 1997
	CHECKED BY	XXX 1997

db3.kate.projects\IM-STP-0300(106)-q17A00

EXISTING END POST REMOVAL DETAILS
(SITES M, LL, AND MM)

1	Addendum No. 1
08/17	Show entire end post as removed
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION SITES M, LL, AND MM EXISTING END POST REMOVAL DETAILS INTERSTATE ROUTE H-2 AND MOANALUA FREEWAY Guardrail and Shoulder Improvements Federal Aid Project No. IM-STP-0300(106)	
Scale: As Noted	Date: Jan., 2017
SHEET No. Q17 OF 52 SHEETS	

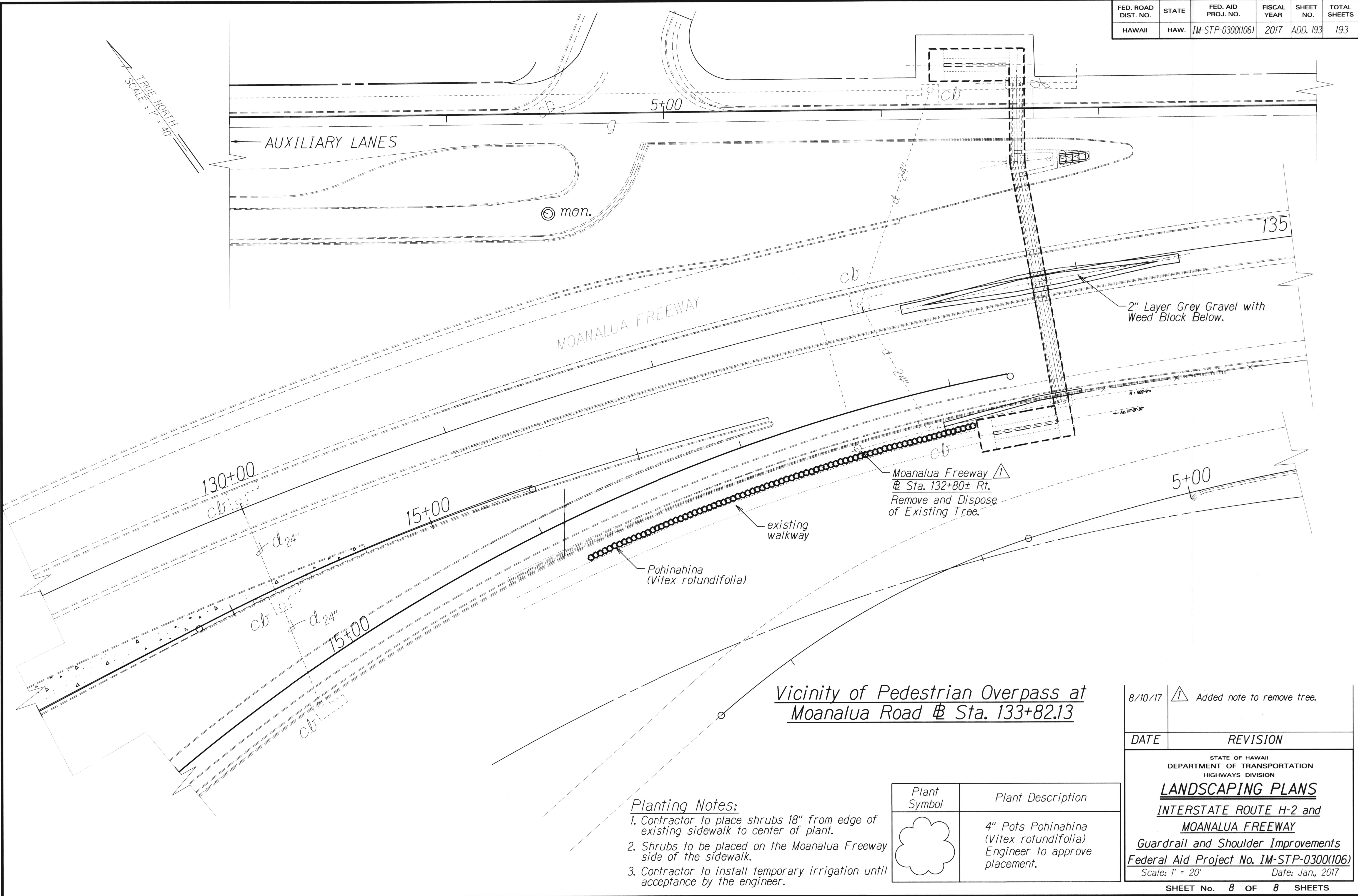
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	ADD.118	193



SURVEY PLOTTED BY	DATE
DRAWN BY	XXX 1991
DESIGNED BY	XXX 1991
CHECKED BY	XXX 1991
ORIGINAL PLAN	NOTE BOOK
QUANTITIES BY	XXX 1991
CHECKED BY	XXX 1991

Added Section Cut "F". See Sht.#Q1A	8/11/17
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
CONCRETE MEDIAN BARRIER DETAILS	
at AIEA PEDESTRIAN OVERPASS MOANALUA ROAD @ STA. 133+82.13 INTERSTATE ROUTE H-2 and MOANALUA FREEWAY Guardrail and Shoulder Improvements Federal Aid Project No. 1M-STP-0300(106)	
Scale: As Noted	Date: Jan, 2017
SHEET No. Q2A OF 52 SHEETS	

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



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