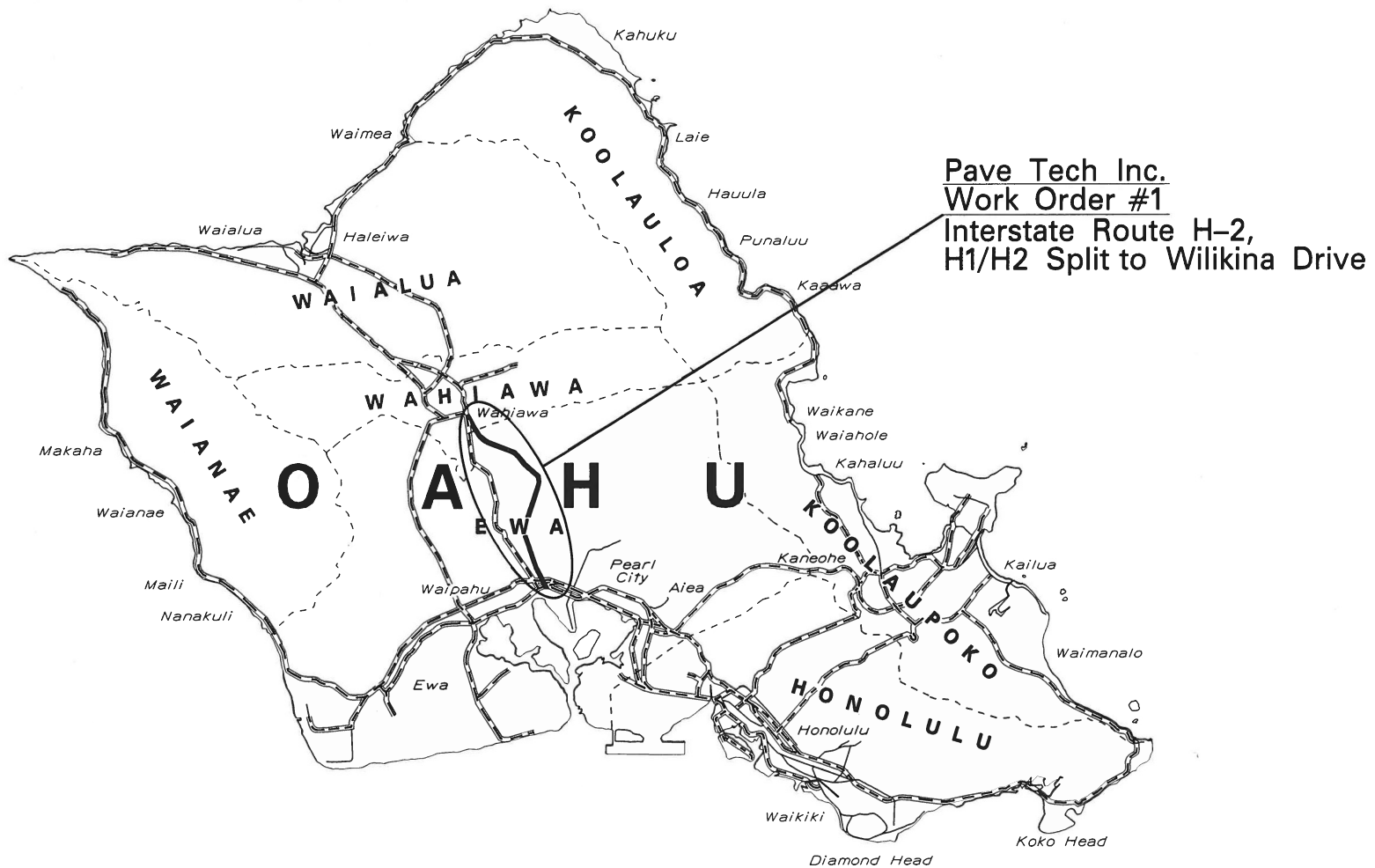
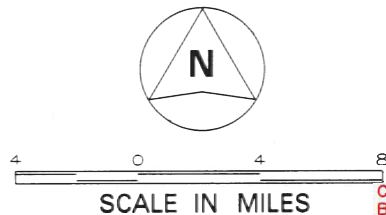


"AS-BUILT"



Pave Tech Inc.
Work Order #1
Interstate Route H-2,
H1/H2 Split to Wilikina Drive



CHANGES MADE DURING CONSTRUCTION HAVE
BEEN NOTED ON THESE PLANS AND CHECKED BY:
Samuel P. Romberg
RESIDENT ENGINEER
9/24/21
DATE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**INSTALLATION OF ENHANCED
PAVEMENT MARKING AND NEW MILLED
RUMBLE STRIP AT VARIOUS LOCATIONS**

Federal-Aid Project No. HSIP-0300(155)

Island of Oahu - 2018

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	59	118

LEGEND

10' White Profiled Thermoplastic Stripe
Type C Raised Pavement Markers @ 40'-0" o.c.

10' Yellow Profiled Thermoplastic Stripe
Type D Raised Pavement Markers @ 40'-0" o.c.

8" White Stripe with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

4" Double Solid Yellow with Type D Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion))

4" Double Solid Yellow Stripes with Type H Raised Pavement Markers @ 20'-0" o.c. (Tape, Type II or Thermoplastic Extrusion))

6" Yellow Edge Stripe with Type H Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion))

4" Double Solid White Stripes with Type C Raised Pavement Markers @ 20'-0" o.c. (Tape, Type I or Thermoplastic Extrusion)

Lane Change Restriction Marking
10' White Profiled Thermoplastic Stripe
Type C Raised Pavement Markers @ 20'-0" o.c.
4" White Stripe (Tape, Type I or Thermoplastic Extrusion)

6" or 8" White Edge Stripe with Type C Raised Pavement Markers @ 40'-0" o.c. (Tape, Type II or Thermoplastic Extrusion)

4" or 6" White Guide Lines (Tape, Type III or Thermoplastic Extrusion except for bus bays)

Transverse Median Marking (Tape, Type II or Thermoplastic Extrusion)

Transverse Shoulder Marking (Tape, Type II or Thermoplastic Extrusion)

Channelizing Island or Deceleration Lane Gore (Tape, Type II or Thermoplastic Extrusion)

Crosswalk and Stop Line. All Stop Lines shall be 10'-0" from Crosswalk unless otherwise noted. The circled number indicates the number of lanes for payment (Tape, Type III or Thermoplastic Extrusion)

Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)

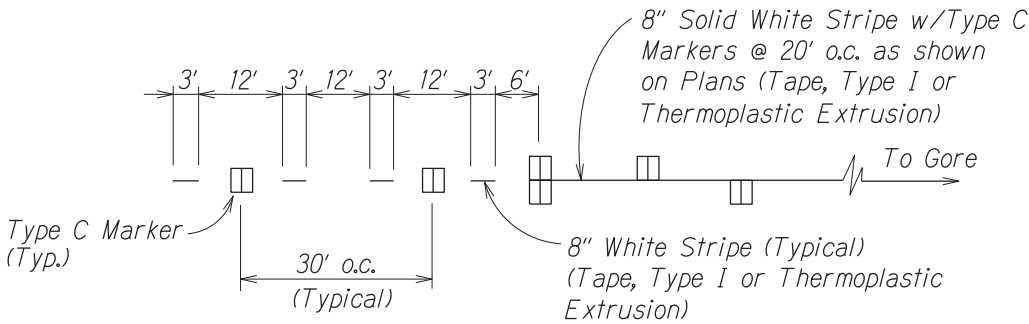
Pavement Word (Tape, Type III or Thermoplastic Extrusion)

10' Yellow Profiled Thermoplastic Stripe
Type D Raised Pavement Markers @ 40'-0" o.c.
Type H Raised Pavement Markers (Reflective Surface facing no-passing direction)
4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)

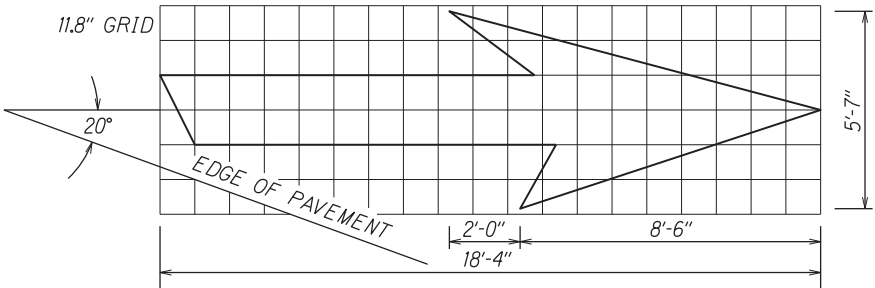
Extension of Edge Line, 4" Wide x 2'-0" Long White Stripe @ 10'-0" o.c. w/Type C Markers @ 40'-0" o.c. (Tape, Type III or Thermoplastic Extrusion)

NOTES

- Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
- Existing pavement markings not incorporated in the final traffic pattern shall be removed as directed by the Engineer. Costs shall be incidental to the various pavement marking items.
- Raised pavement markers shall not be installed within crosswalks.
- Final locations of all signs shall be approved by the Engineer prior to any installation work.
- Existing signs not shown on these plans shall remain as posted unless otherwise directed by the Engineer. Removal and disposal of existing signs and/or posts as designated on these plans shall be incidental to the various signing items.
- Final locations of all Stop Lines shall be approved by the Engineer prior to installation.
- All pavement striping shall be as noted on the legend or plans.
- All preformed pavement marking tapes over existing pavement shall be applied with an approved primer as recommended by the tape manufacturer and as approved by the Engineer. The primer shall be allowed to dry to the tacky stage prior to tape application.
- All Pedestrian warning signs with supplemental sign shall be on a fluorescent yellow-green retroreflective background with a legend and border.

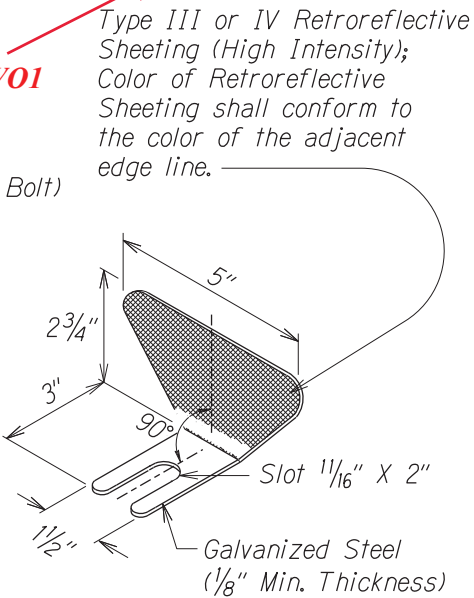
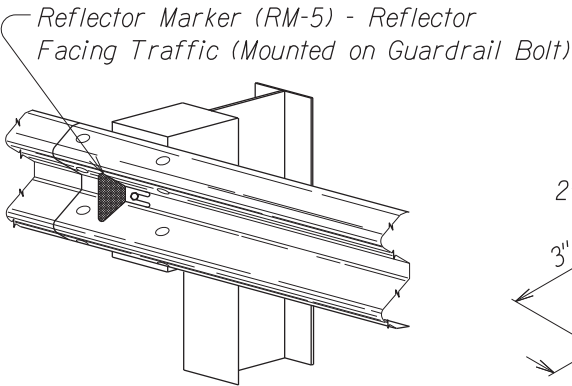


LANE DROP MARKING
Not to Scale



TYPE VI ARROW
RIGHT LANE DROP ARROW
(FOR LEFT LANE,
USE MIRROR IMAGE)

ALL Sheets - Amend to read: **HSIP-0300(155) WO1**



REFLECTOR MARKER (RM-5) DETAIL AND TYPICAL INSTALLATION

NOTES

- Reflector Markers (RM-5) shall be mounted every 25 feet on all new and existing metal guardrails except on Terminal Sections. For new guardrail installation, furnishing and installing of each RM-5 shall be considered incidental to the adjacent guardrail system. Unless otherwise noted, the Contractor shall be responsible for mounting RM-5s on all existing metal guardrails even when not shown on plans.

No new milled rumble strips or new signs were installed under this project

All "skip" lane lines were upgraded to 10' Profiled Thermoplastic Stripe per contract detail (next page). All Type A RPM skip lines were removed.

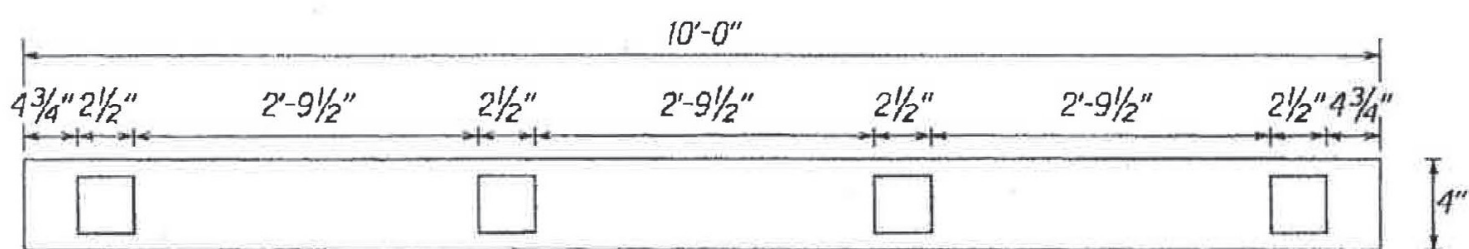
Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING
LEGEND, DETAILS & NOTES

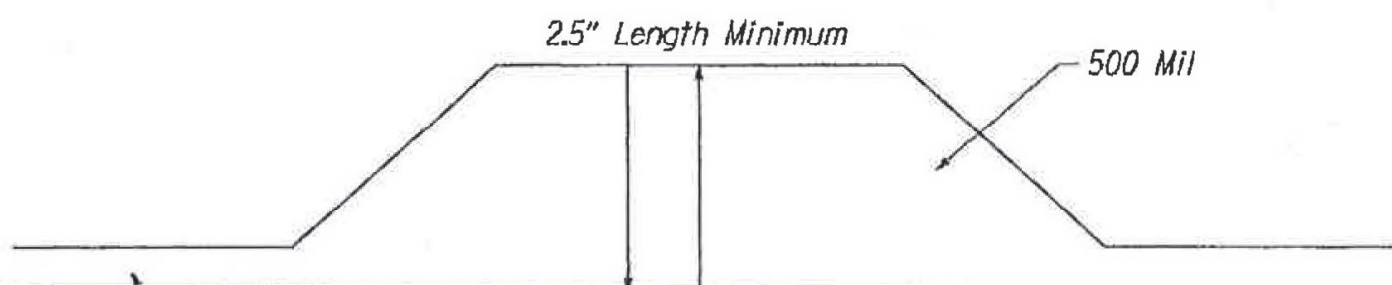
~~INTERSTATE ROUTE H-2 and MOANALUA FREEWAY~~
~~Guardrail and Shoulder Improvements~~
~~Federal-Aid Project No. NH-STP-0300(164)~~
~~Scale: As Noted~~ ~~Date: Aug., 2020~~

SHEET No. 71 OF 59 SHEETS



TOP VIEW
LANE LINE

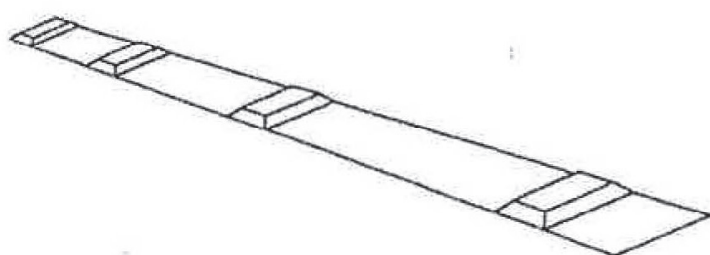
Profiles placed on 36" o.c.
500 mil height, including 100 mil baseline.
Width equal to approximately baseline width.



SIDE VIEW



TOP VIEW

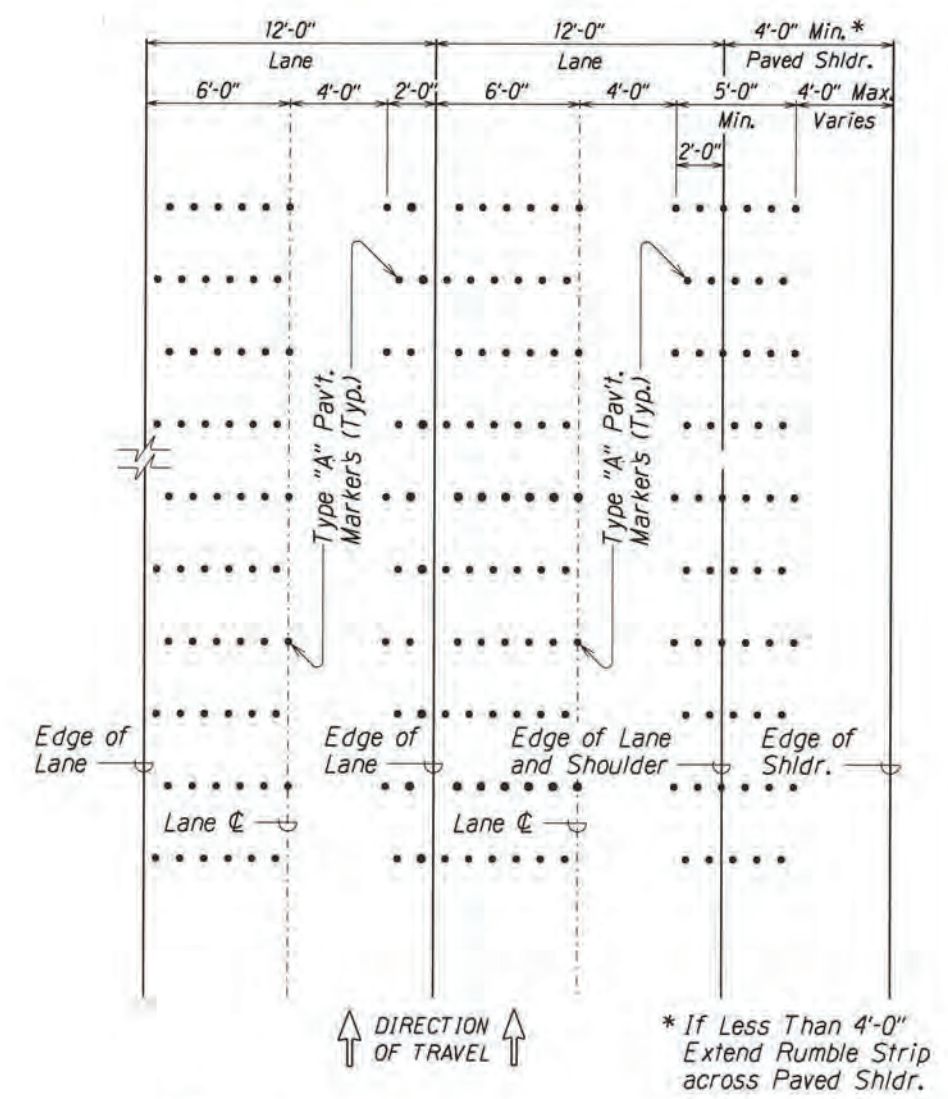
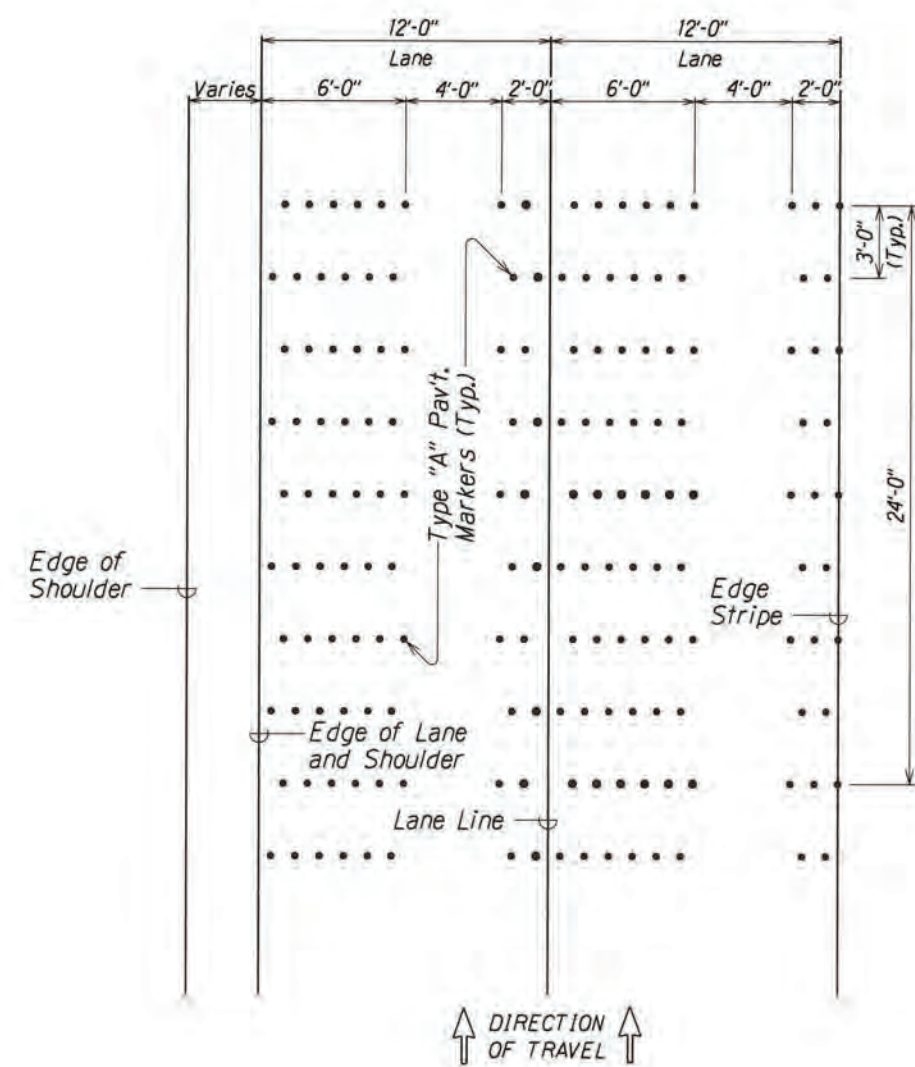
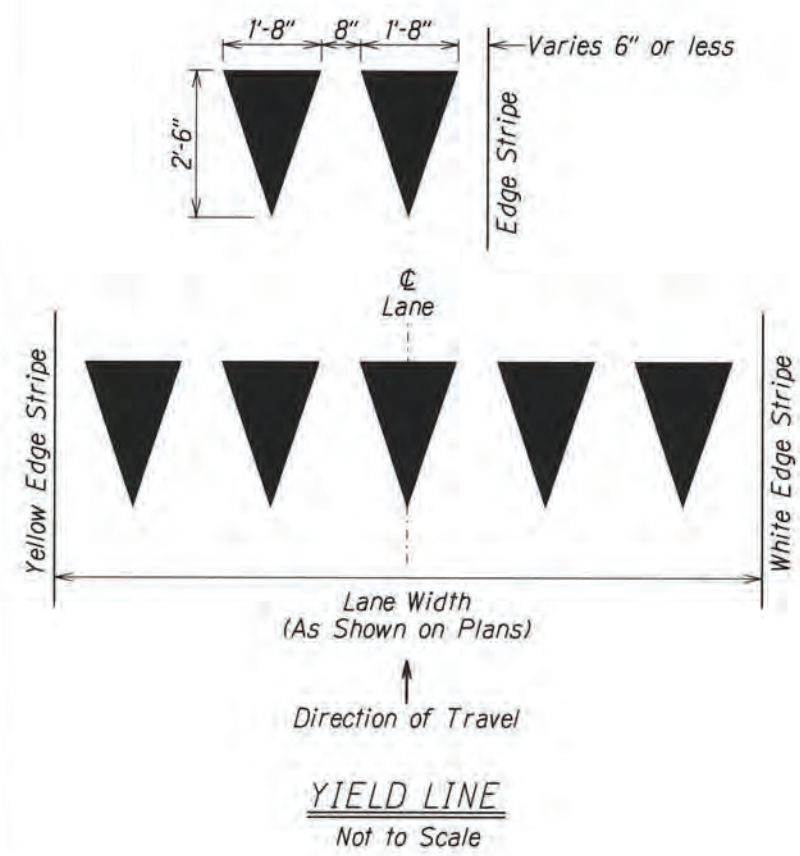


PERSPECTIVE VIEW

PROFILED THERMOPLASTIC STRIPING
Not to Scale

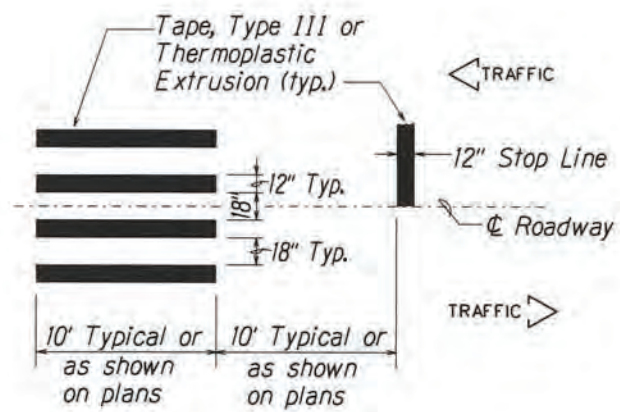
HSIP-0300(155)
629-13a

ADDENDUM NO. 3
r9/26/18



NOTE:
The Removal of Existing and Installation of New Type "A" Pavement Markers will not be Paid for Separately and Shall be Considered Incidental to Contract Item No. 629.2010 - Type "A" Pavement Markers.

RUMBLE STRIP DETAIL
Not to Scale



CROSSWALK STRIPING DETAIL
Not to Scale

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PAVEMENT MARKING

LEGEND, DETAILS & NOTES

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

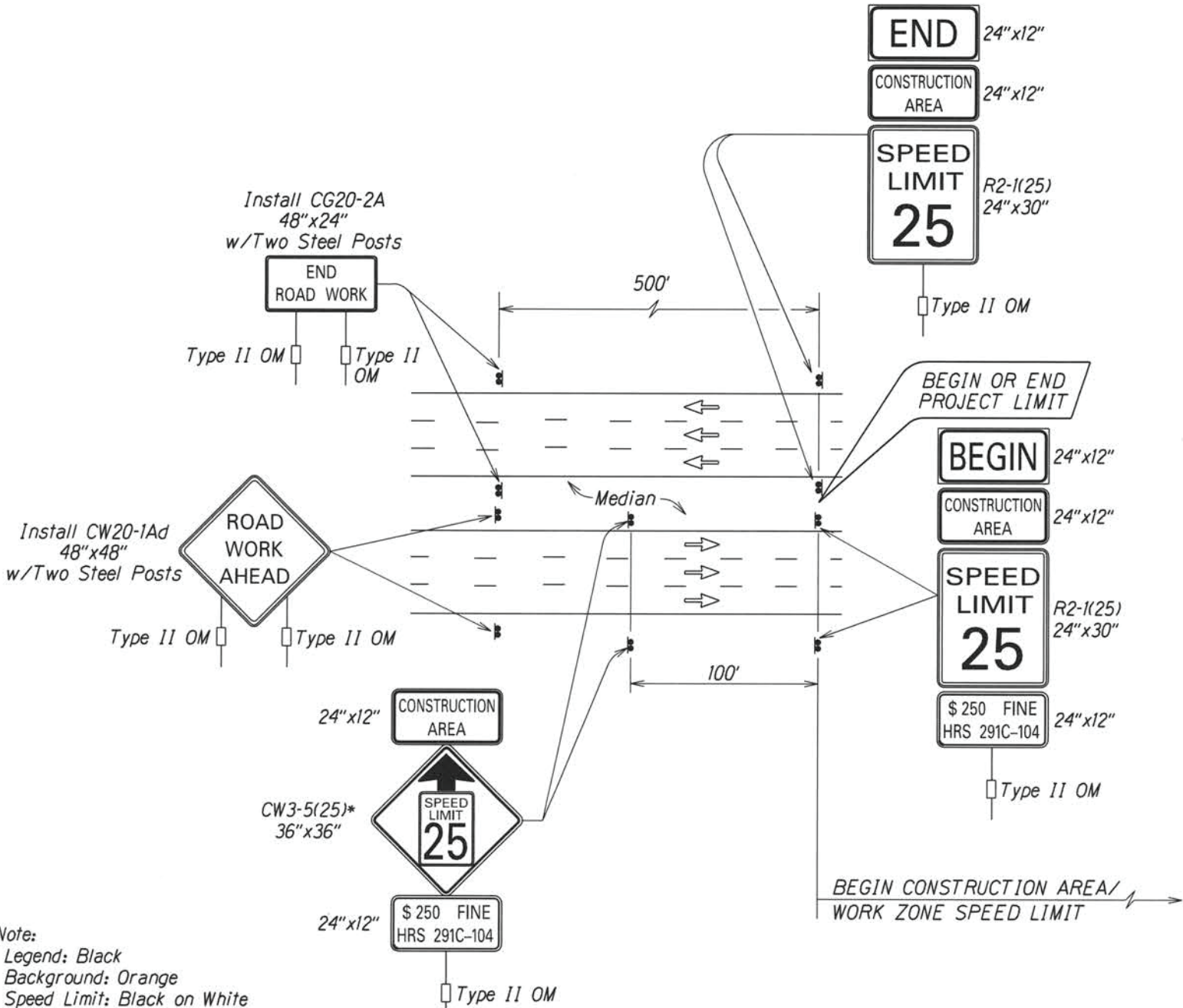
Guardrail and Shoulder Improvements

Federal-Aid Project No. NH-STP-0300(164)

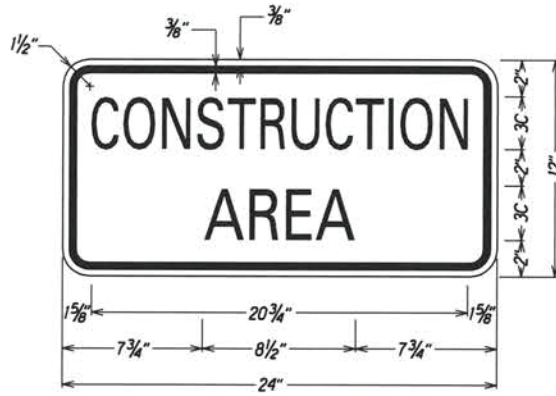
Scale: As Noted Date: Aug, 2020

SHEET No. T2 OF 59 SHEETS

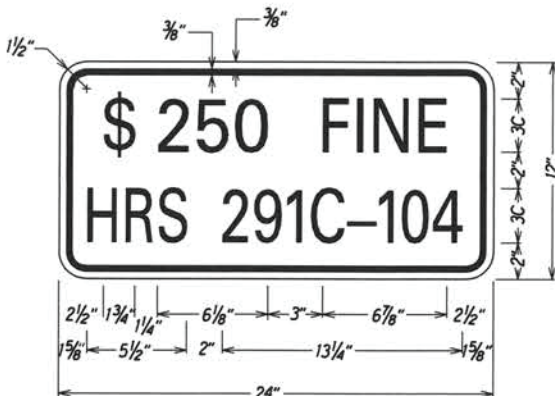
SURVEY PLOTTED BY	DATE
DRAWN BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
Idl	
6/21/2022	



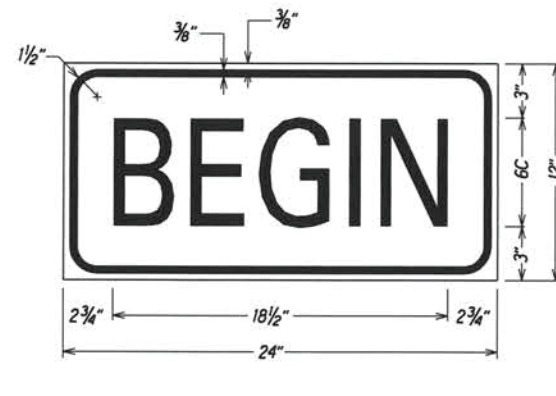
TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON MULTILANE DIVIDED LOW SPEED HIGHWAY



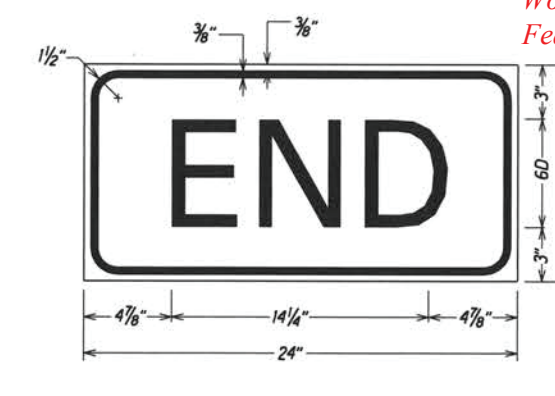
LEGEND: BLACK
BACKGROUND: ORANGE



LEGEND: BLACK
BACKGROUND: WHITE



LEGEND: BLACK
BACKGROUND: ORANGE



LEGEND: BLACK
BACKGROUND: ORANGE

Work Zone Note:

1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Special Provisions.
2. All existing regulatory speed limit signs with posts within the work zone/project limits shall be removed and replaced with work zone speed limit sign assemblies (R2-1(25) and CW3-5(25) with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Sign(s).
3. Construction sign assemblies shall be installed on both the approaching and trailing ends of each work zone as shown on this plan.
4. Each construction warning sign shall have a minimum of two (2) Type II OM. Each work zone speed limit assembly shall have a minimum of one (1) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 645.0100 - Traffic Control.
5. Upon the completion of all physical work or as directed by the Engineer, all construction signs and work zone speed limit assemblies shall be removed. All speed limit signs and posts that were existing at the start of the project within the work zone/project limits shall be restored back to their original locations and configurations.
6. Placement of construction signs shall not obstruct the path of pedestrians and bicyclists.
7. The removal and restoration of existing regulatory speed limit signs with new posts along with the installation, maintenance and removal of work zone speed limit sign assemblies shall be considered incidental to Item No. 645.0100 - Traffic Control.

Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

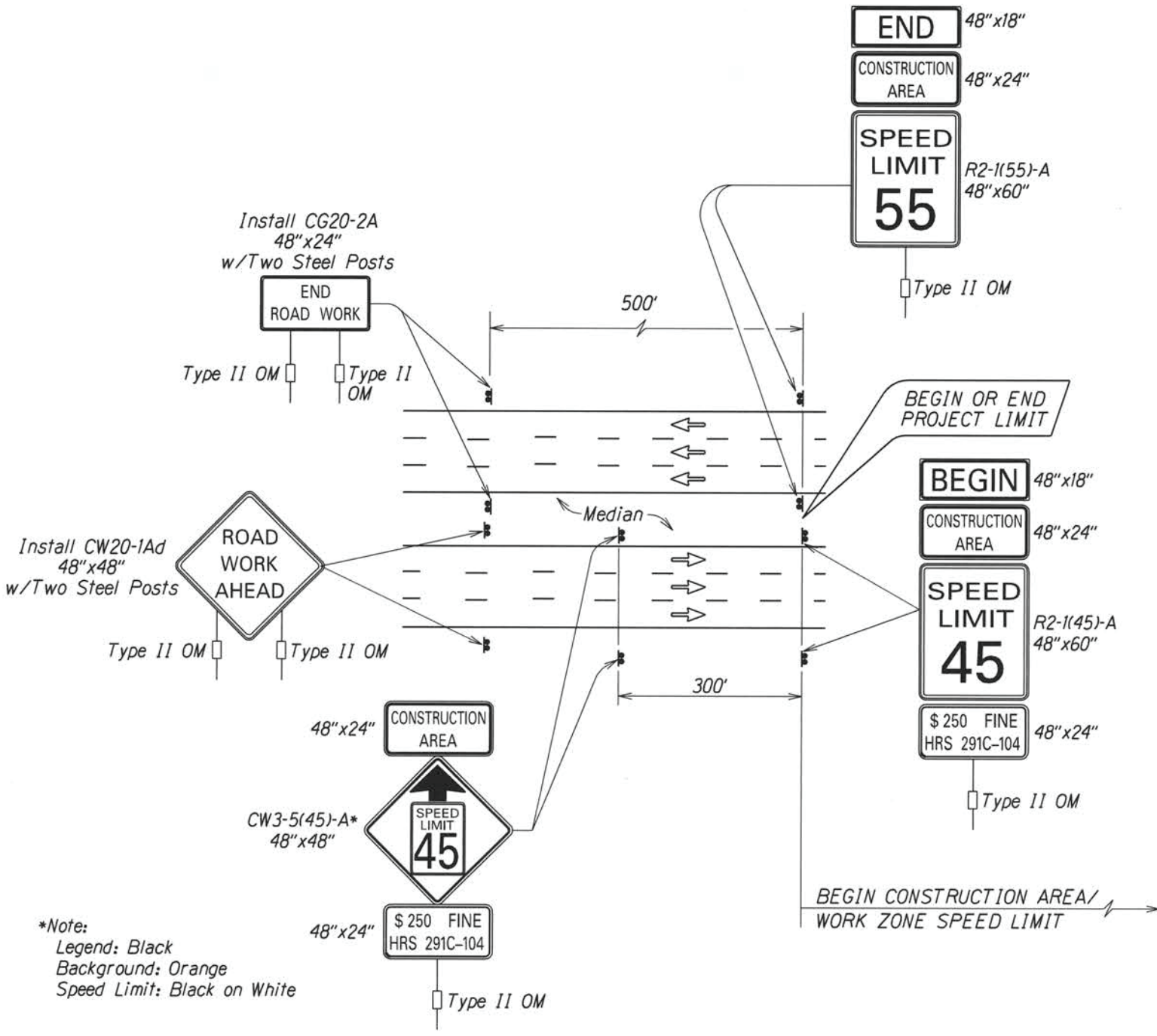
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**LOW SPEED UNDIVIDED HIGHWAY
WORK ZONE SIGNING PLAN, NOTES&DETAILS**

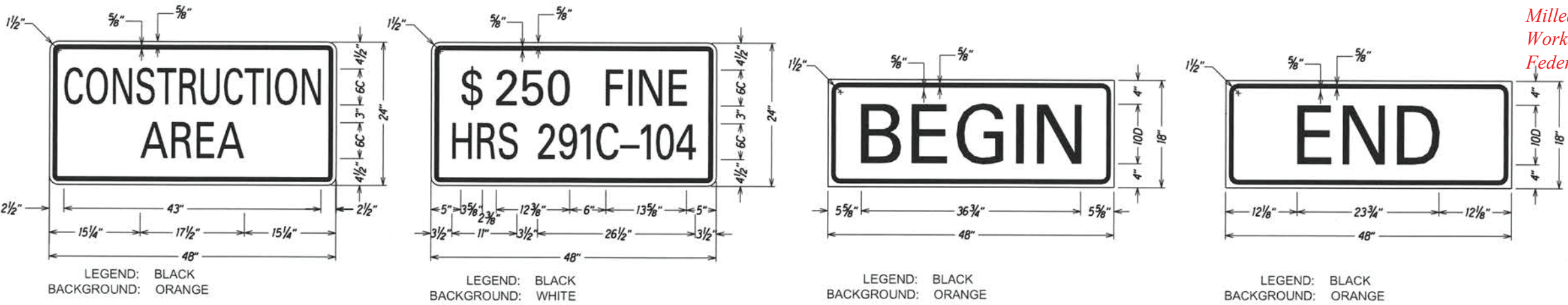
~~INTERSTATE ROUTE H-2 and MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)~~

~~Scale: Not to Scale Date: Aug, 2020~~

SHEET No. T3 OF 59 SHEETS



- Work Zone Notes:**
1. This Work Zone Sign Plan is intended for use on long-term stationary work zones/construction phases (3 days or more). All work zones or construction phases less than 3 days duration will use Traffic Control Plans shown in Section 645 of the Special Provisions.
 2. All existing regulatory speed limit signs within the work zone/project limits shall be covered and work zone speed limit sign assemblies (R2-1(45)-A and CW3-5(45)-A with "CONSTRUCTION AREA" and "\$250 FINE HRS 291C-104" Supplemental Sign(s) shall be displayed during lane closure hours.
 3. Upon the removal of the lane closure, all work zone speed limit signs shall be covered and existing speed limit signs within the work zone/project limits shall be restored.
 4. Construction signs shall be installed on both the approaching and trailing ends of each work zone.
 5. Each construction sign and work zone speed limit assembly shall have a minimum of two (2) Type II OM. Installation of each Type II OM shall be considered incidental to Item No. 645.0100 - Traffic Control.
 6. All work zone speed sign assembly shall be mounted on three (3) 4.00 lbs./ft. galvanized flanged channel sign posts with a sign clearance height of five (5) feet. Sign stiffeners as specified by Standard Plan Sheet TE-02 shall be installed as needed or as directed by the Engineer.
 7. The daily covering and uncovering of existing regulatory speed limit signs along with the installation, maintenance, removal and daily covering and uncovering of work zone speed limit sign assemblies shall be considered incidental to Item No. 645.0100 - Traffic Control.



Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FREEWAY WORK ZONE SIGNING

PLAN, NOTES & DETAILS

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: Not to Scale Date: Aug., 2020

SHEET No. T4 OF 59 SHEETS

HSIP-0300(155) Work Order 2 H-2 (SEP-14) November 2020 - June 2021

Installation of Enhanced Pavement Marking

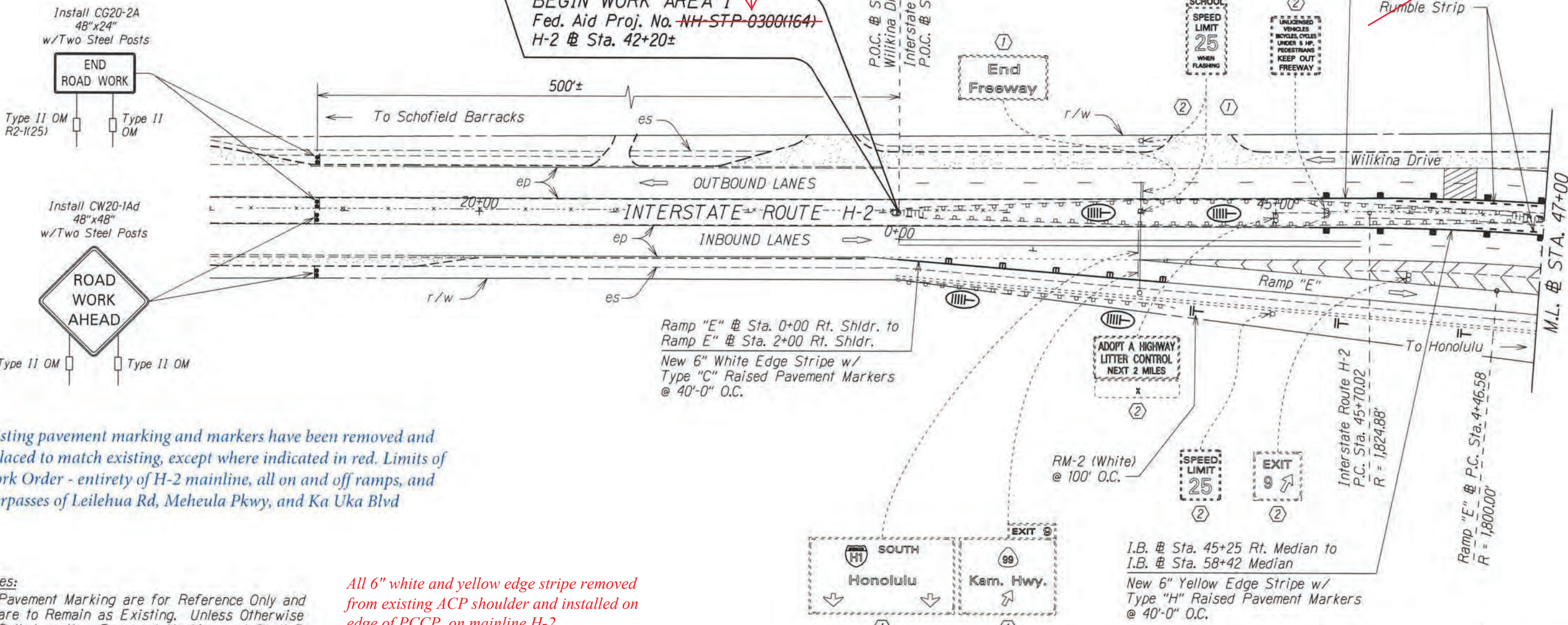
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	63	118

O.B. @ Sta. 45+90 Median to O.B. @ Sta. 57+98 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 46+50 Median to I.B. @ Sta. 58+22 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

Amend to read: **HSIP-0300(155) WO1**

BEGIN WORK AREA 1
Fed. Aid Proj. No. ~~NH-STP-0300(164)~~
H-2 @ Sta. 42+20±



Existing pavement marking and markers have been removed and replaced to match existing, except where indicated in red. Limits of Work Order - entirety of H-2 mainline, all on and off ramps, and overpasses of Leilehua Rd, Meheula Pkwy, and Ka Uka Blvd

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "E"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

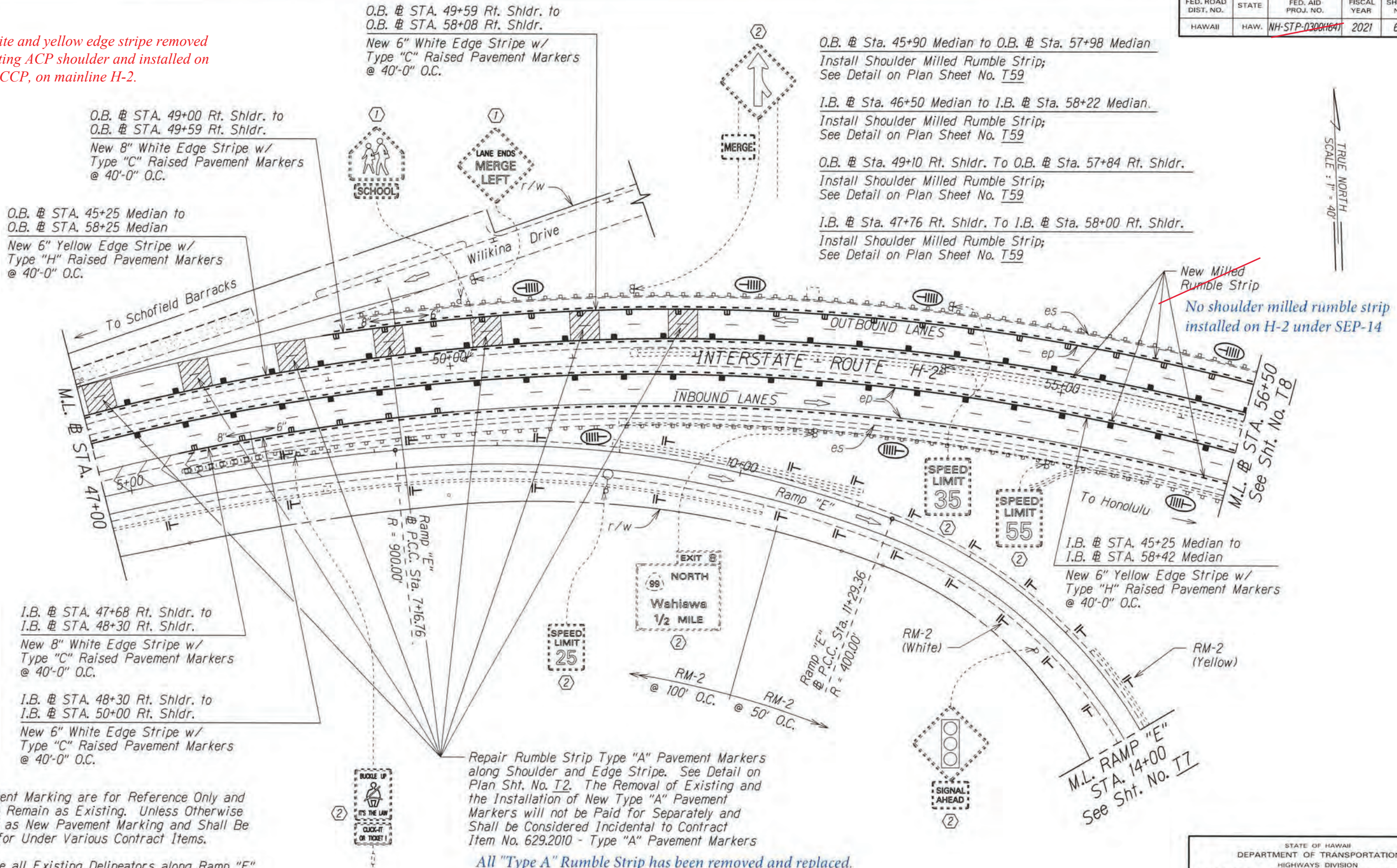
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T5 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	64	118

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.



- Notes:
1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 2. Remove all Existing Delineators along Ramp "E"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

All "Type A" Rumble Strip has been removed and replaced.

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

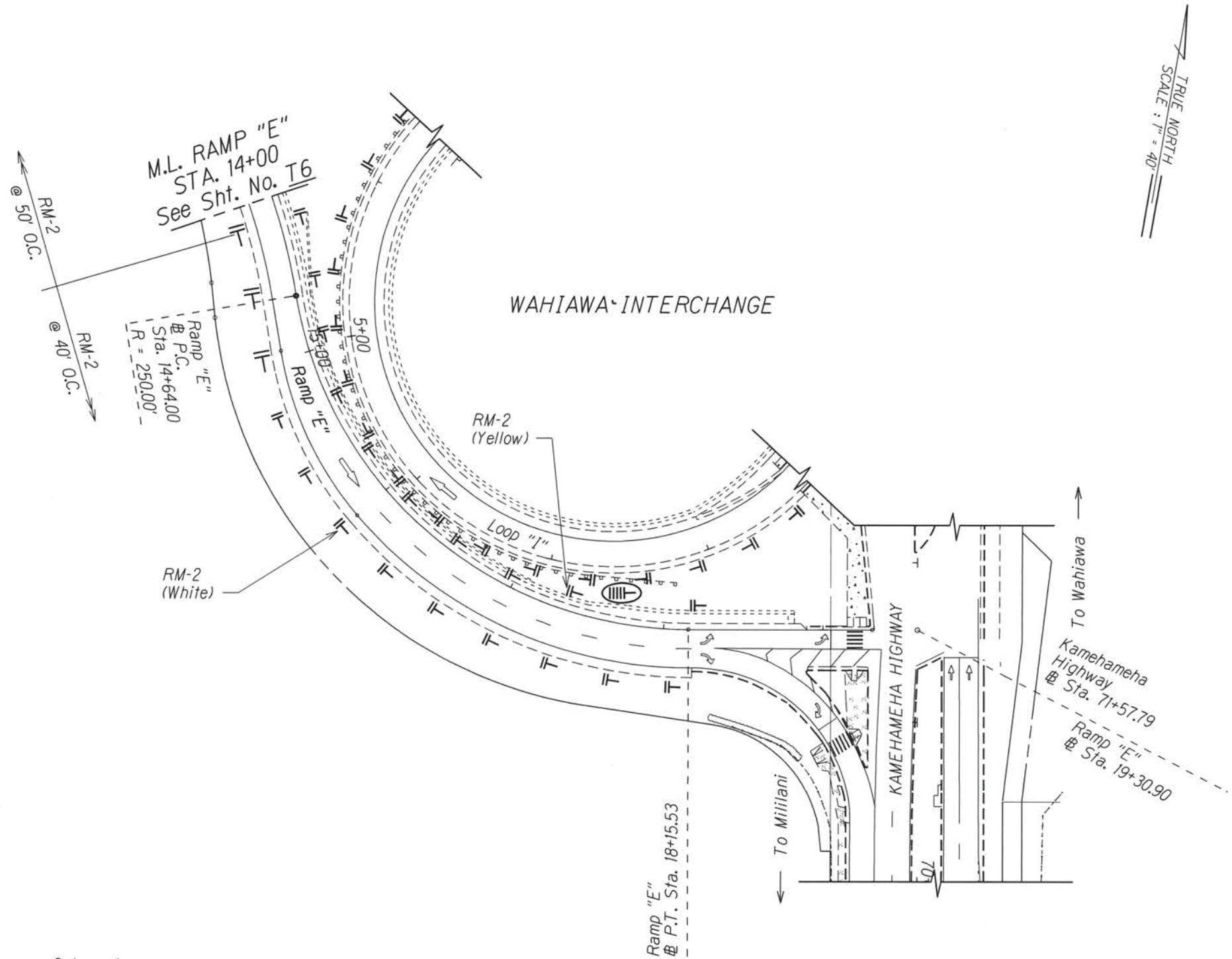
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T6 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	65	118



- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "E"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ⊥ RM-2 Delineator with Flexible Post (Type B, 48" High)
 - ⊥ RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
 Work Order 1 Interstate Route H-2
 Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and

MOANALUA FREEWAY

Guardrail and Shoulder Improvements

Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40'

Date: Aug., 2020

SHEET No. T7 OF 59 SHEETS

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

O.B. Sta. 49+59 Rt. Shldr. to O.B. Sta. 58+08 Rt. Shldr.
New 6" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

O.B. Sta. 45+25 Median to O.B. Sta. 58+25 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

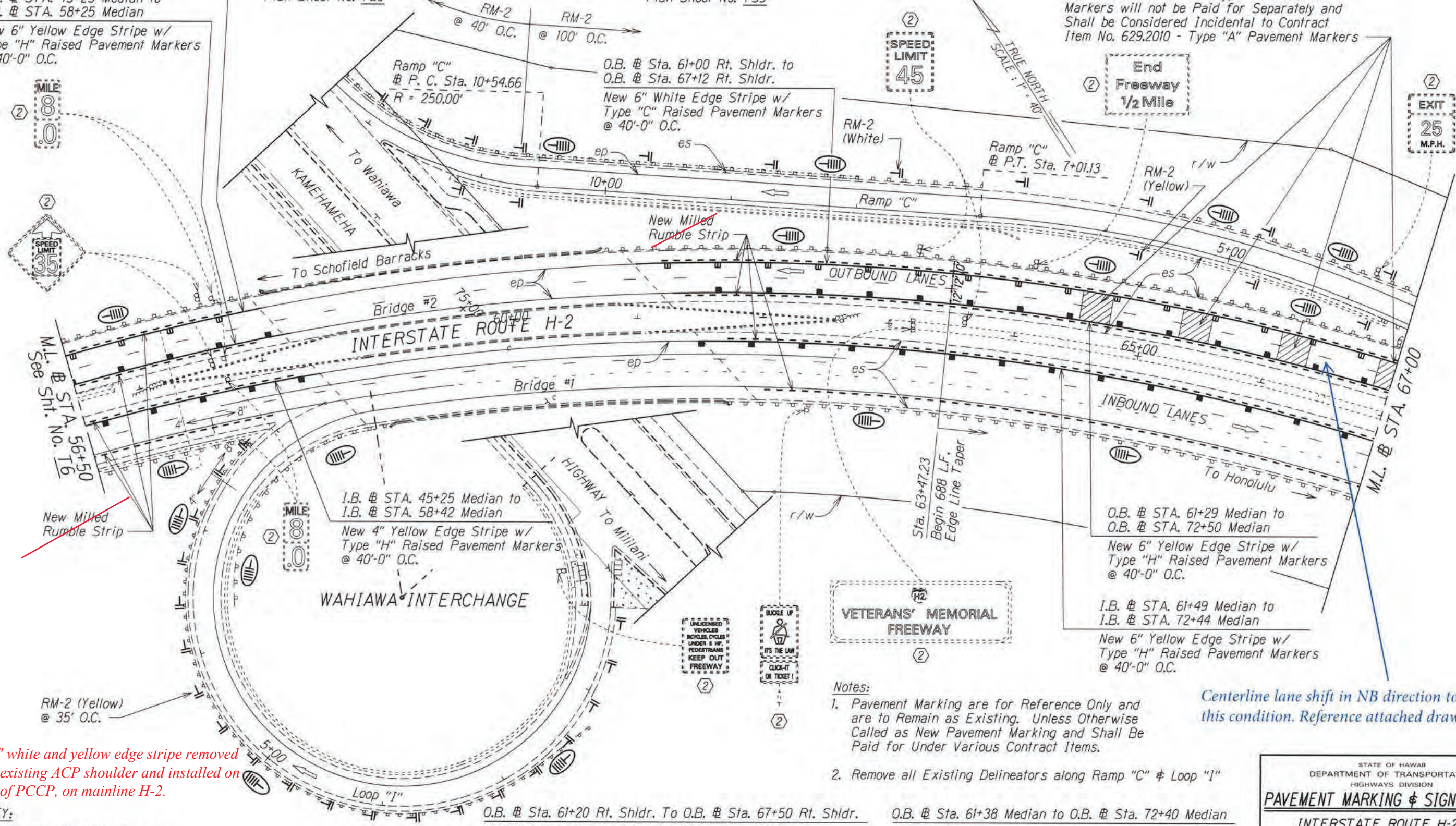
O.B. Sta. 45+90 Median to O.B. Sta. 57+98 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 46+50 Median to I.B. Sta. 58+22 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

O.B. Sta. 49+10 Rt. Shldr. To O.B. Sta. 57+84 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 47+76 Rt. Shldr. To I.B. Sta. 58+00 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

Repair Rumble Strip Type "A" Pavement Markers along Shoulder and Edge Stripe. See Detail on Plan Sht. No. T2. The Removal of Existing and the Installation of New Type "A" Pavement Markers will not be Paid for Separately and Shall be Considered Incidental to Contract Item No. 629.2010 - Type "A" Pavement Markers



Notes:

1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
2. Remove all Existing Delineators along Ramp "C" & Loop "I"

Centerline lane shift in NB direction to match this condition. Reference attached drawings.

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- RM-2 Delineator with Flexible Post (Type B, 48" High)
- RM-5 Delineator, See Notes on Sht. No. T1

O.B. Sta. 61+20 Rt. Shldr. To O.B. Sta. 67+50 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 62+02 Rt. Shldr. To I.B. Sta. 72+20 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

O.B. Sta. 61+38 Median to O.B. Sta. 72+40 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 61+72 Median to I.B. Sta. 72+30 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T8 OF 59 SHEETS

"AS-BUILT"

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations Work Order 1 Interstate Route H-2 Federal-Aid Project No. HSIP-0300(155)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	68	118

O.B. Sta. 74+76 Median to O.B. Sta. 128+75 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

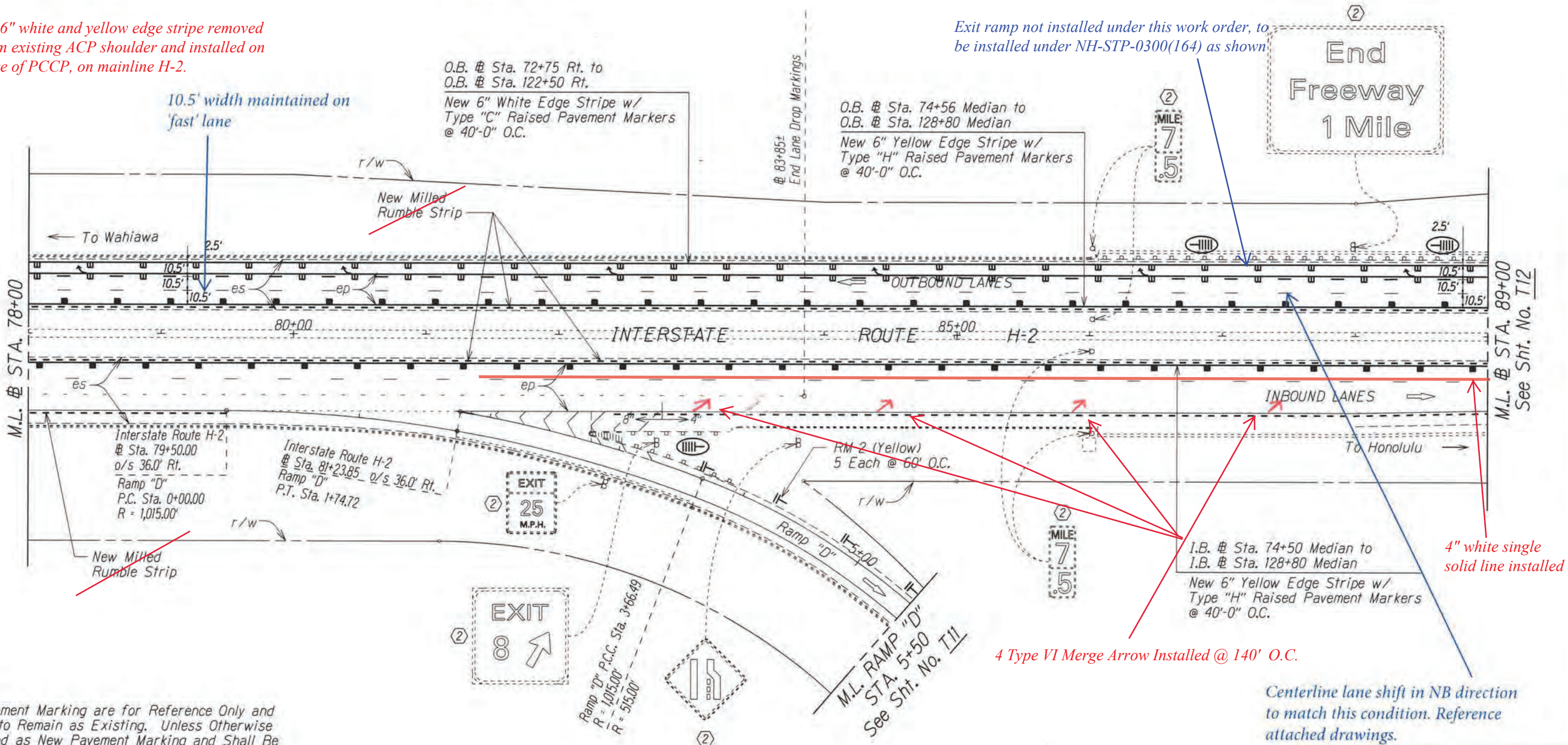
I.B. Sta. 74+70 Median to I.B. Sta. 128+75 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 74+68 Rt. Shldr. to I.B. Sta. 79+50 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 82+42 Rt. Shldr. to I.B. Sta. 115+42 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Exit ramp not installed under this work order, to be installed under NH-STP-0300(164) as shown



- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "D"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - IT RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

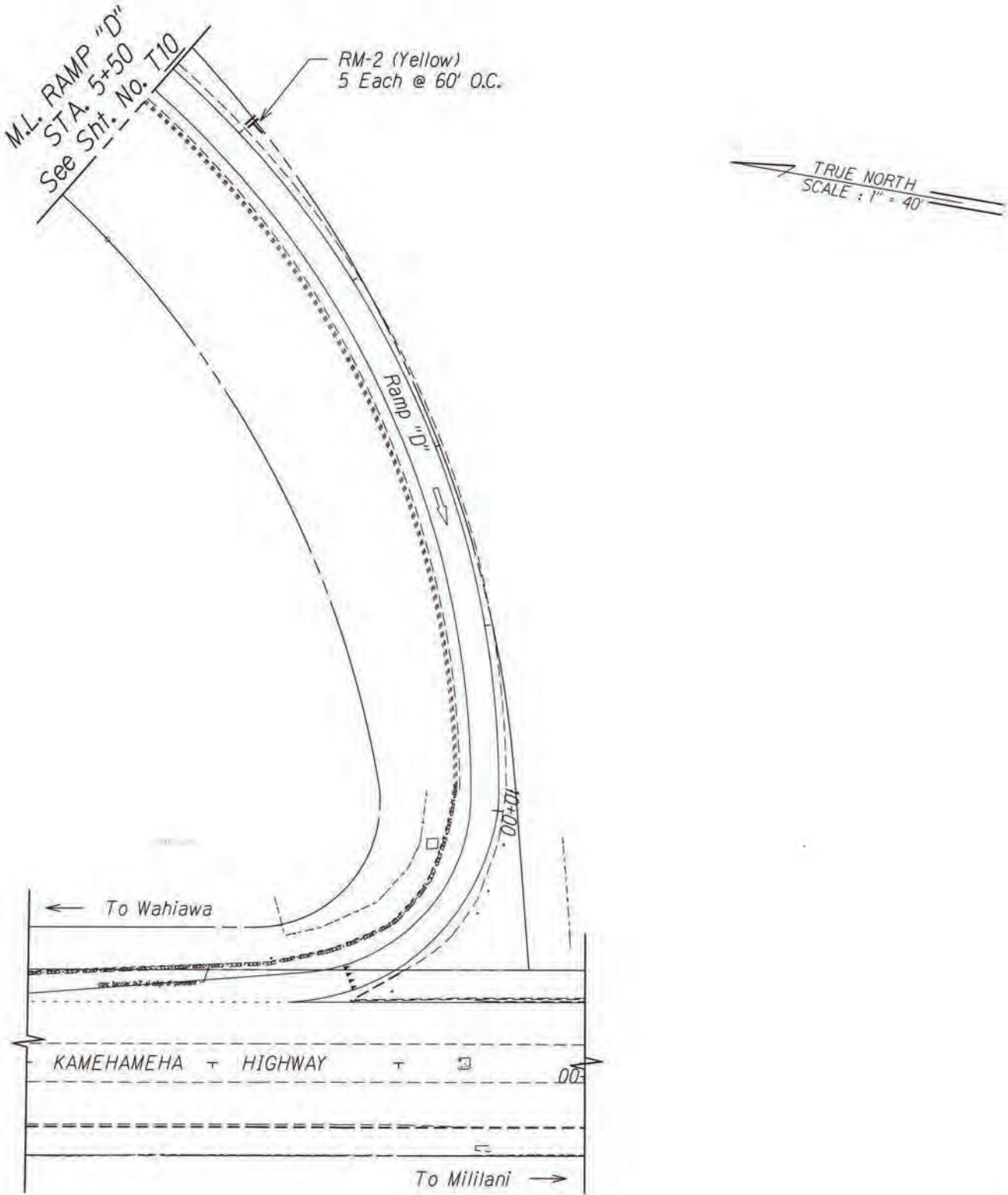
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T10 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	69	118



- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "D"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

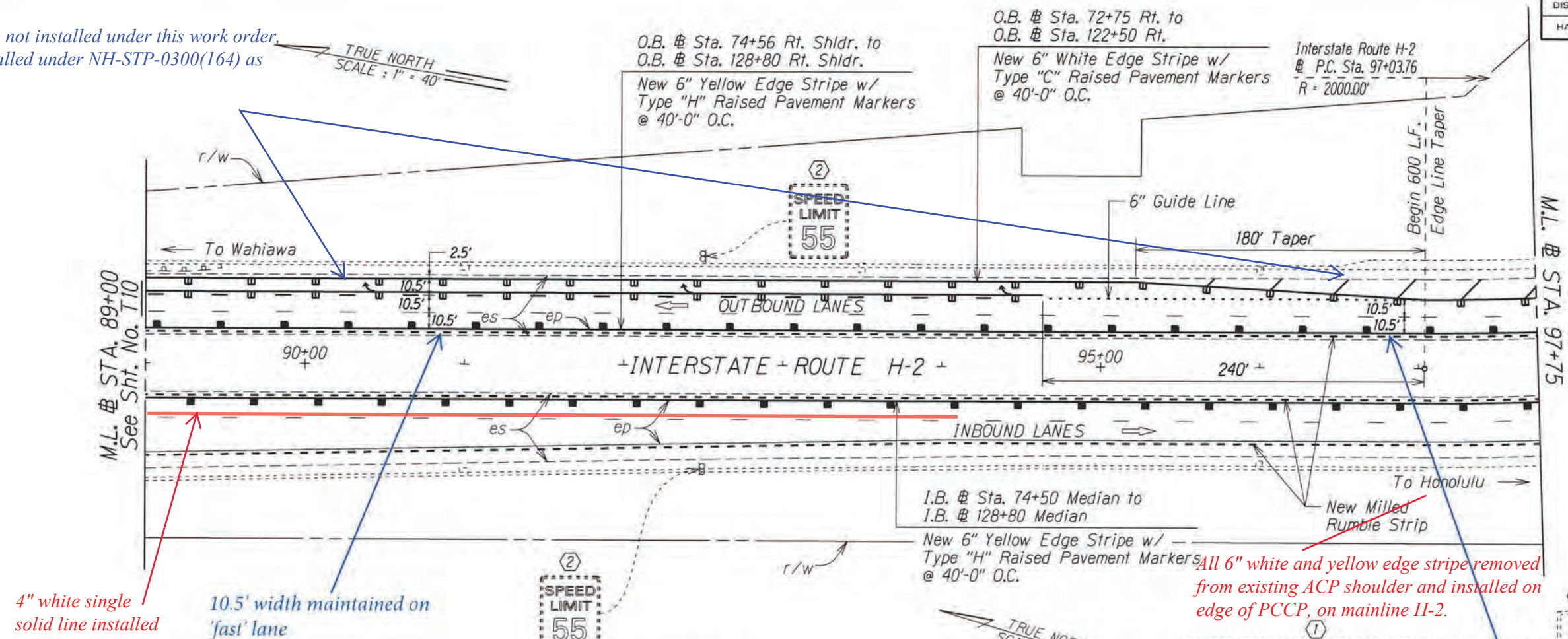
PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40' Date: Aug., 2020

SHEET No. T11 OF 59 SHEETS

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

Exit ramp not installed under this work order,
to be installed under NH-STP-0300(164) as
shown

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	70	118



O.B. # Sta. 74+76 Median to O.B. # Sta. 128+75 Median
Install Shoulder Milled Rumble Strip; See Detail on
Plan Sheet No. T59

I.B. # Sta. 74+70 Median to I.B. # Sta. 128+75 Median
Install Shoulder Milled Rumble Strip; See Detail on
Plan Sheet No. T59

I.B. # Sta. 82+42 Rt. Shldr. to I.B. # Sta. 115+42 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on
Plan Sheet No. T59

O.B. # Sta. 72+75 Rt. to
O.B. # Sta. 122+50 Rt.
New 6" White Edge Stripe w/
Type "C" Raised Pavement Markers
@ 40'-0" O.C.

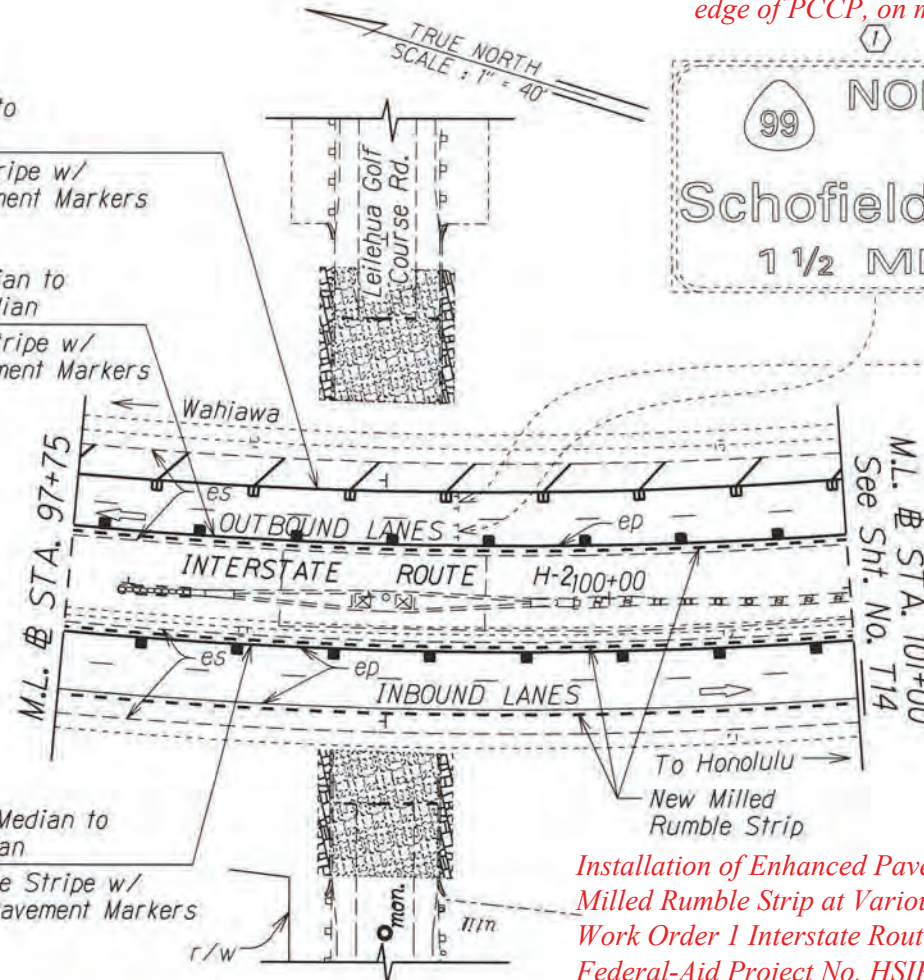
O.B. # Sta. 74+56 Median to
O.B. # Sta. 128+80 Median
New 6" Yellow Edge Stripe w/
Type "H" Raised Pavement Markers
@ 40'-0" O.C.

I.B. # Sta. 74+50 Median to
I.B. # Sta. 128+80 Median
New 6" Yellow Edge Stripe w/
Type "H" Raised Pavement Markers
@ 40'-0" O.C.

Note:
Pavement Marking are for Reference Only and
are to Remain as Existing. Unless Otherwise
Called as New Pavement Marking and Shall Be
Paid for Under Various Contract Items

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Leilehua Rd - "Golf Course Road" pavement
marking removed and replaced per existing
condition.



Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

Centerline lane shift in NB direction
to match this condition. Reference
attached drawings.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

~~Guardrail and Shoulder Improvements~~
~~Federal-Aid Project No. NH-STP-0300(164)~~

~~Scale: 1" = 40'~~

~~Date: Aug. 2020~~

SHEET No. T12 OF 59 SHEETS

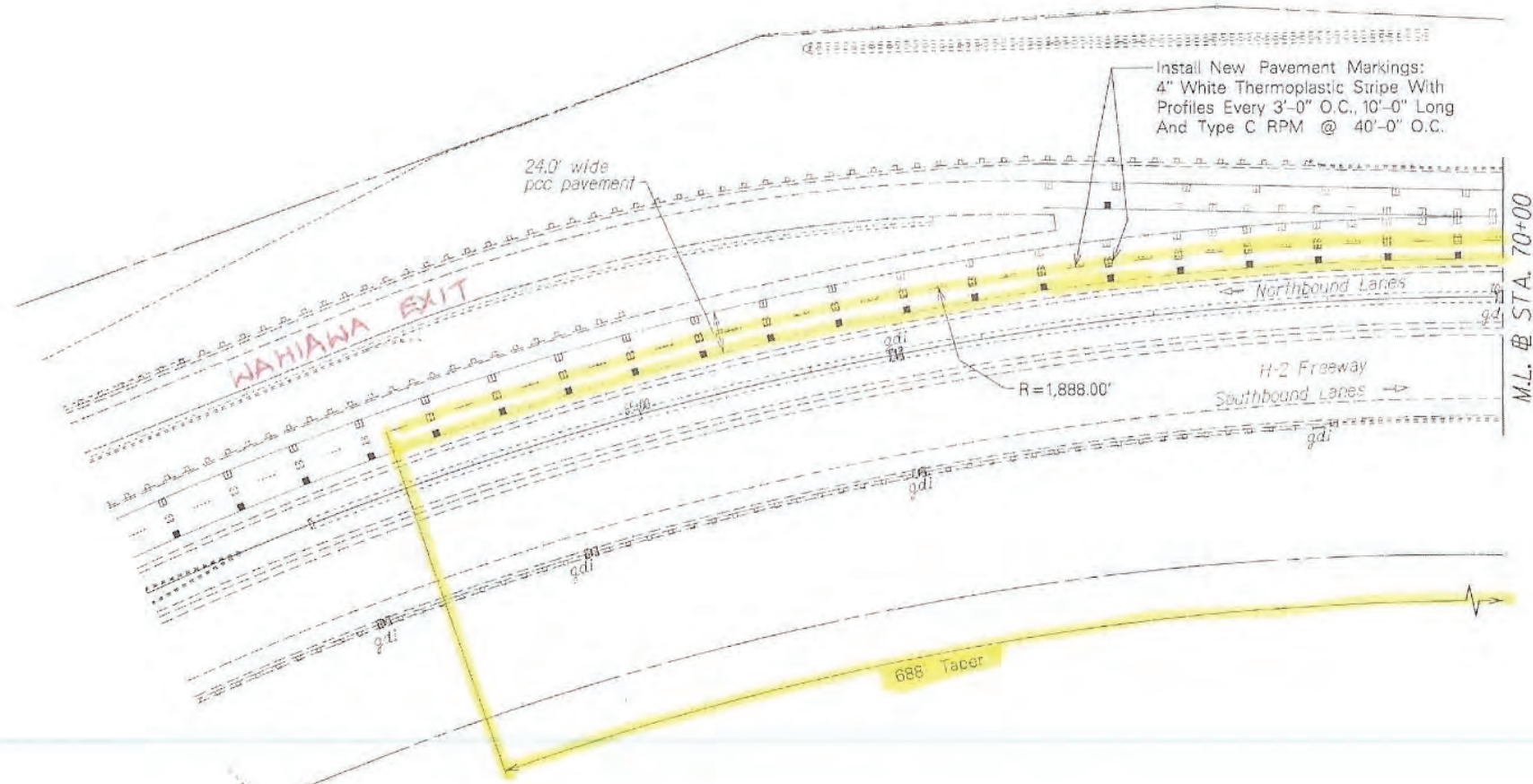
PAVE-TECH, INC.

APPROVED BY:

DATE:

5/25/21

TRUE NORTH
SCALE: 1" = 80'



For reference to Plan Sheets 67, 68, 70

H-2 NORTHBOUND
LANE SHIFT

(REV. 9/05/19)

1 of 4

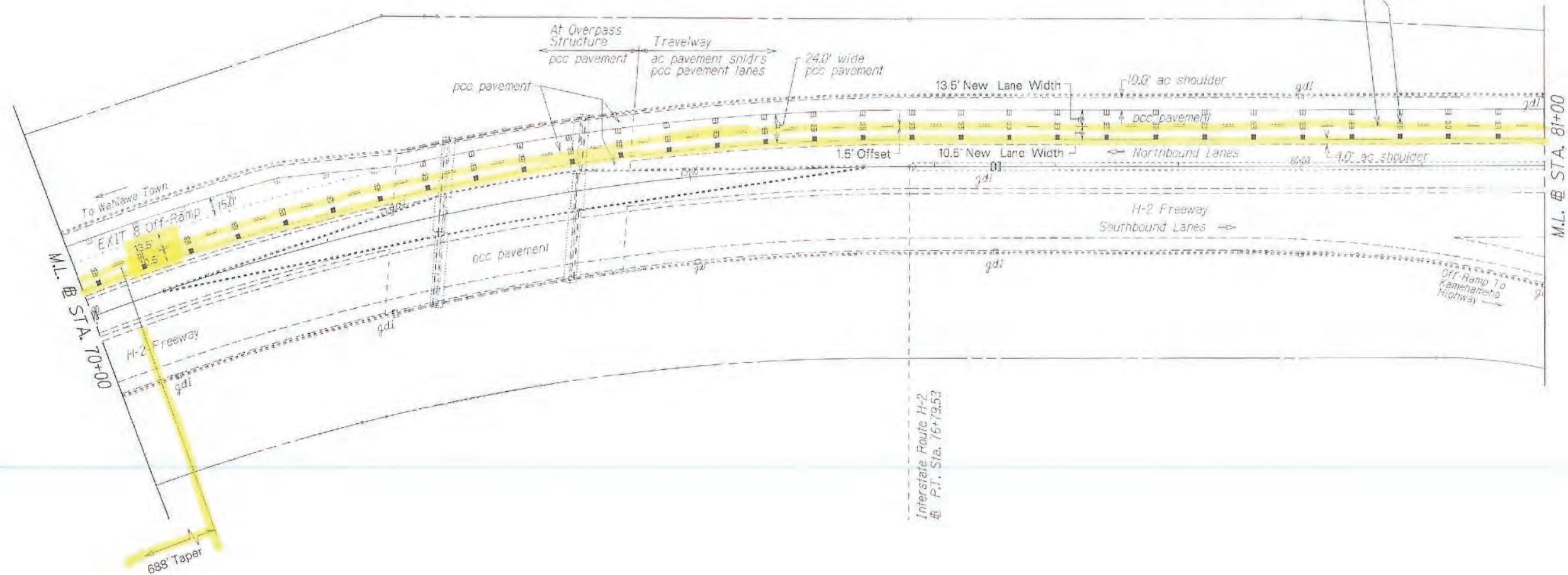
PAVE-TECH, INC.

APPROVED BY: _____

DATE: 5/25/21

TRUE NORTH
SCALE: 1" = 80'

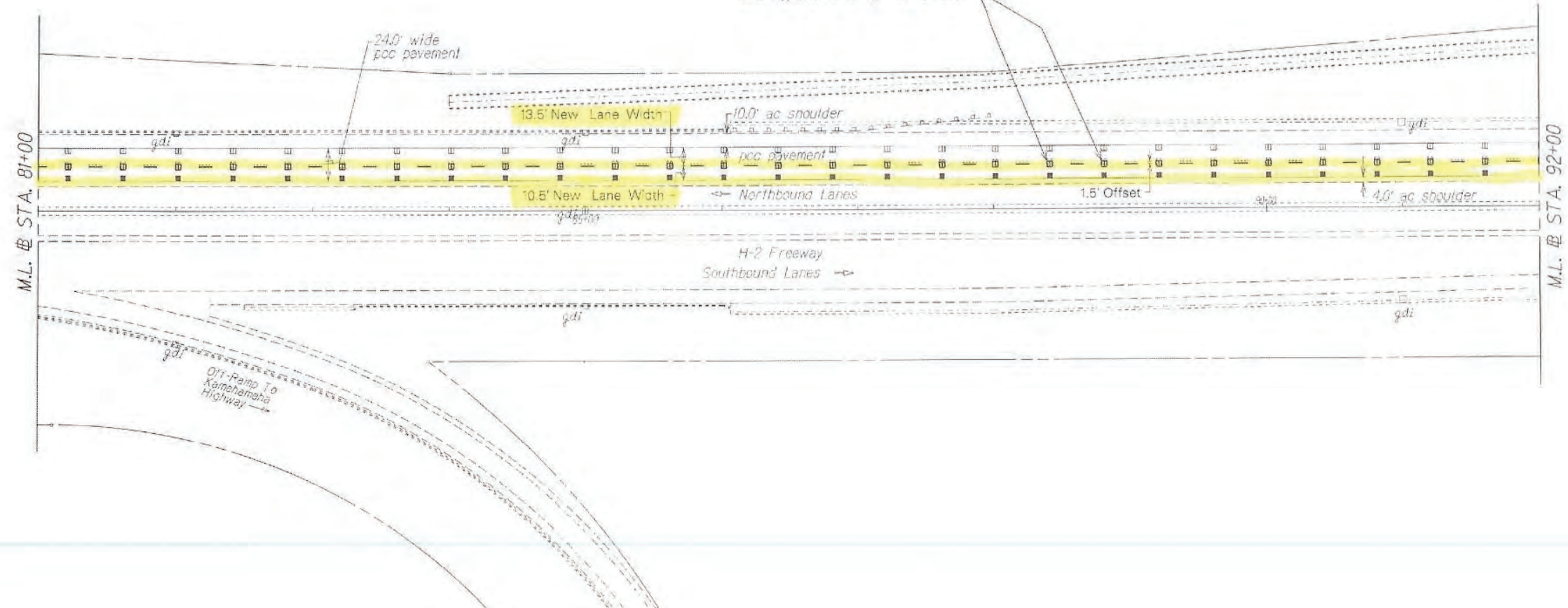
Install New Pavement Markings:
4" White Thermoplastic Stripe With
Profiles Every 3'-0" O.C., 10'-0" Long
And Type C RPM @ 40'-0" O.C.



For reference to Plan Sheets 67, 68, 70

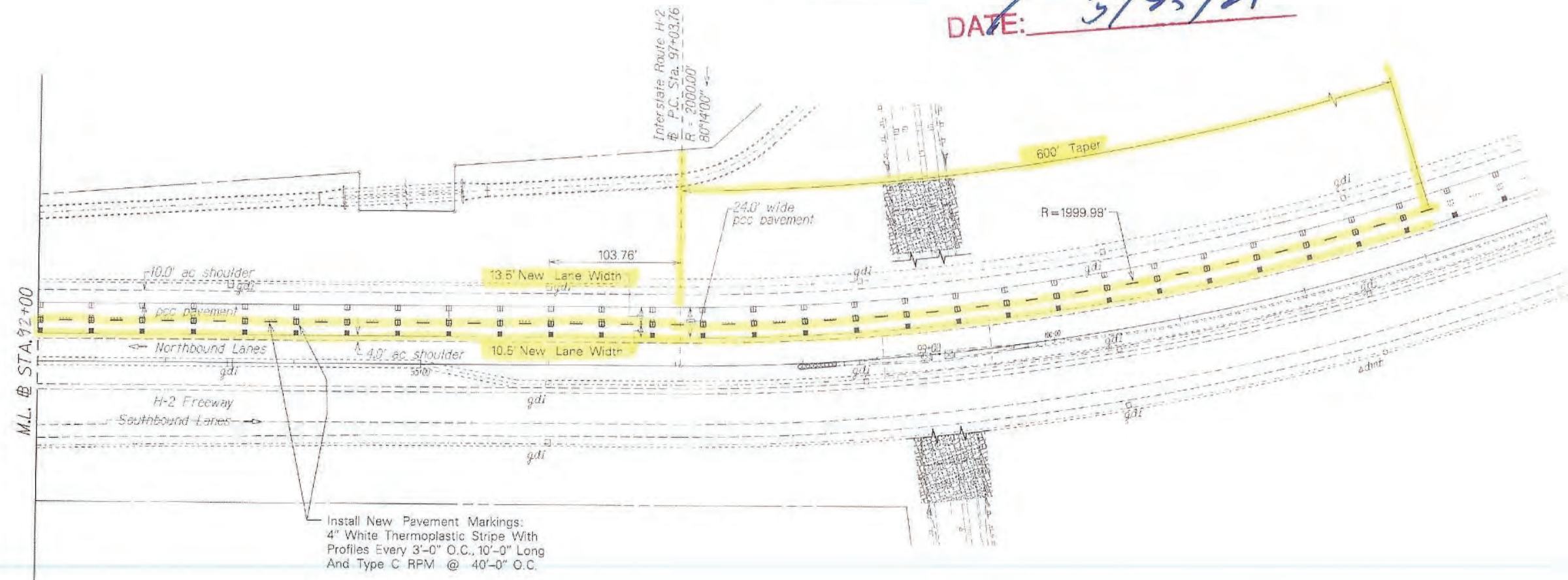
DATE: 5/25/21

TRUE NORTH
SCALE: 1" = 80'



3 of 4

5/25/21

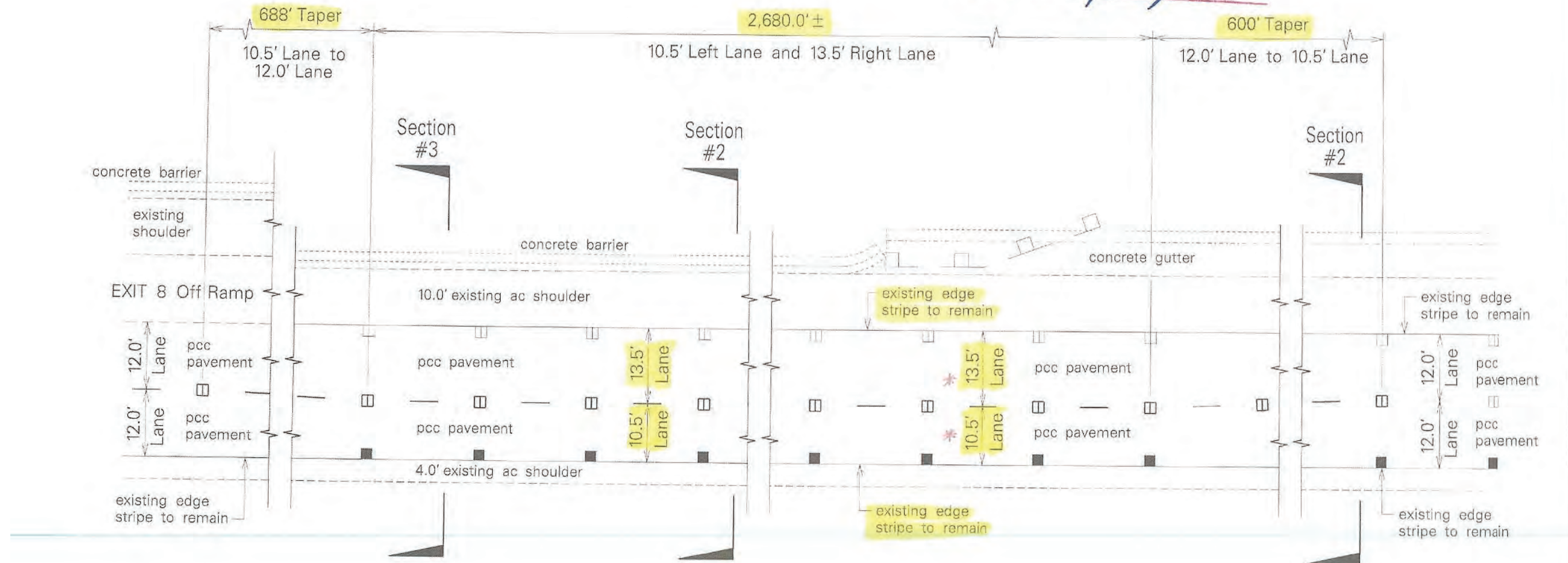


For reference to Plan Sheets 67, 68, 70

PAVE-TECH, INC.

APPROVED BY: 

DATE: 5/25/21



H-2 Freeway – Northbound Lanes Restriping

Sta. 63+67± To Sta. 103+14±

Not to Scale

* ONLY LANE LINE WILL
BE SHIFTED

EXIST. EDGE LINES (e.p.)
WILL REMAIN UNCHANGED

For reference to Plan Sheets 67, 68, 70

PAVE-TECH, INC.

APPROVED BY: _____

DATE: _____

5/25/21

Exit lane not yet installed, existing condition matches this photo

New Lane Line
Pavement Markings

existing edge
stripe to remain

New 10.5 Ft

New 13.5 Ft Lane

existing 10 Ft Shoulder

concrete barrier

pcc pavement

ac pavement

existing edge
stripe to remain

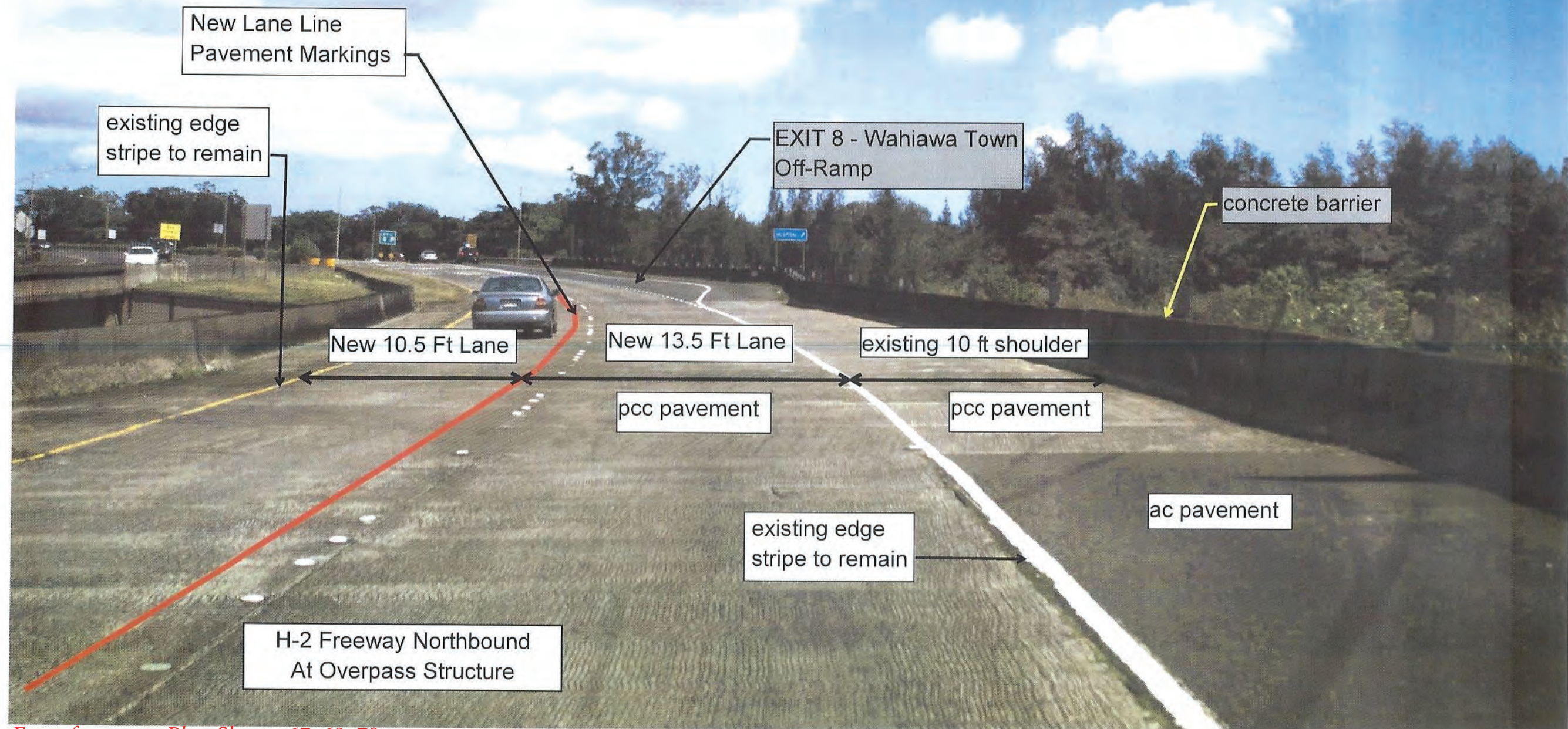
existing gdi

H-2 Freeway Northbound Lanes

PAVE-TECH, INC.

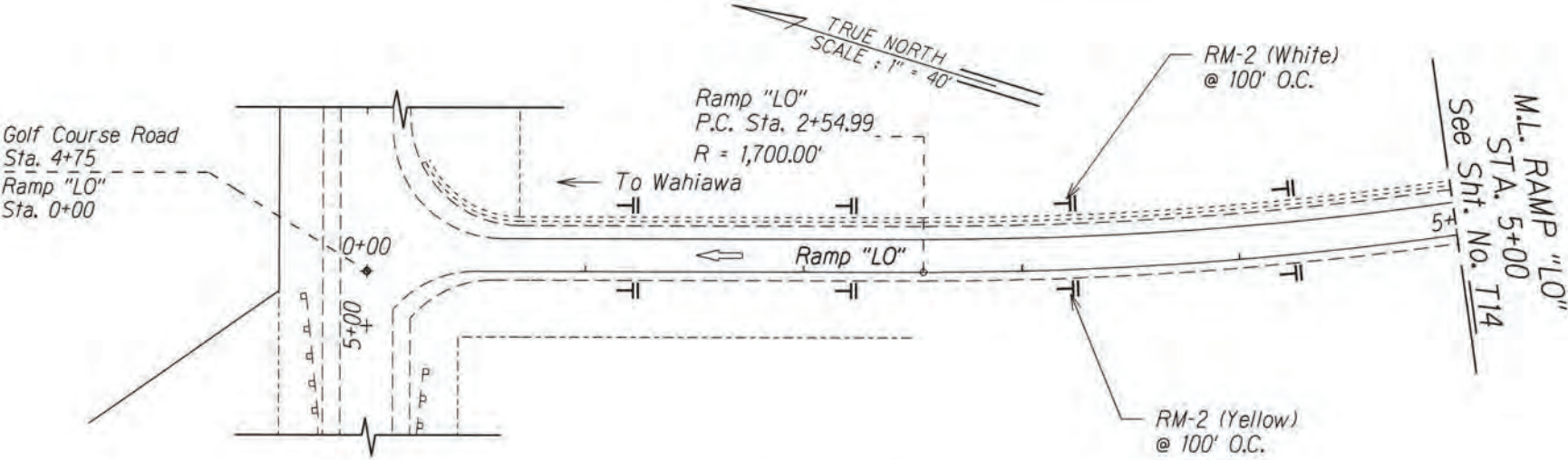
APPROVED BY: _____

DATE: 5/25/21

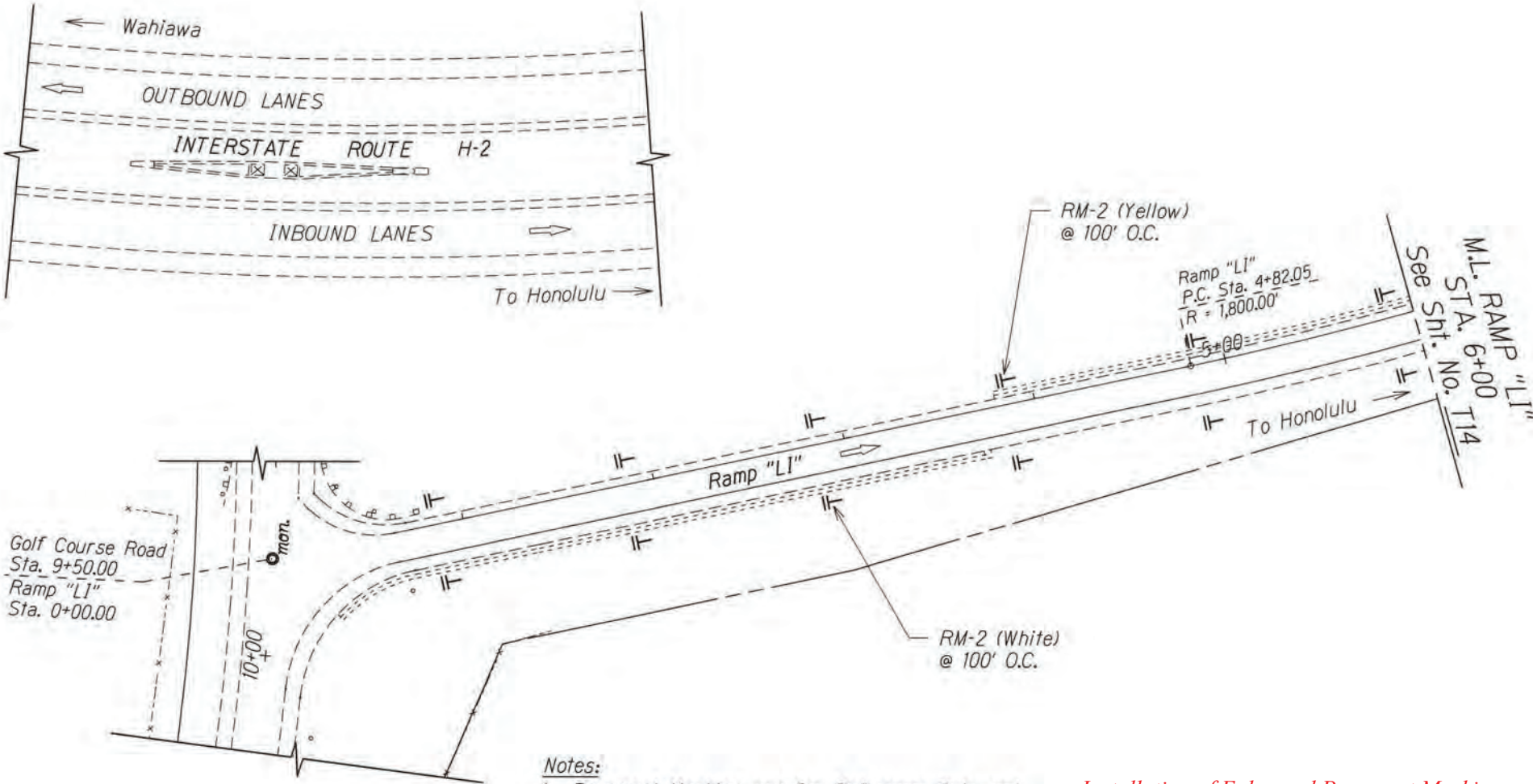


For reference to Plan Sheets 67, 68, 70

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	71	118



Leilehua Rd - "Golf Course Road" pavement marking 'removed and replaced per existing condition.



- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "LO" & "LI"

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
 Work Order 1 Interstate Route H-2
 Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T13 OF 59 SHEETS

"AS-BUILT"

Date: Aug. 31, 2020

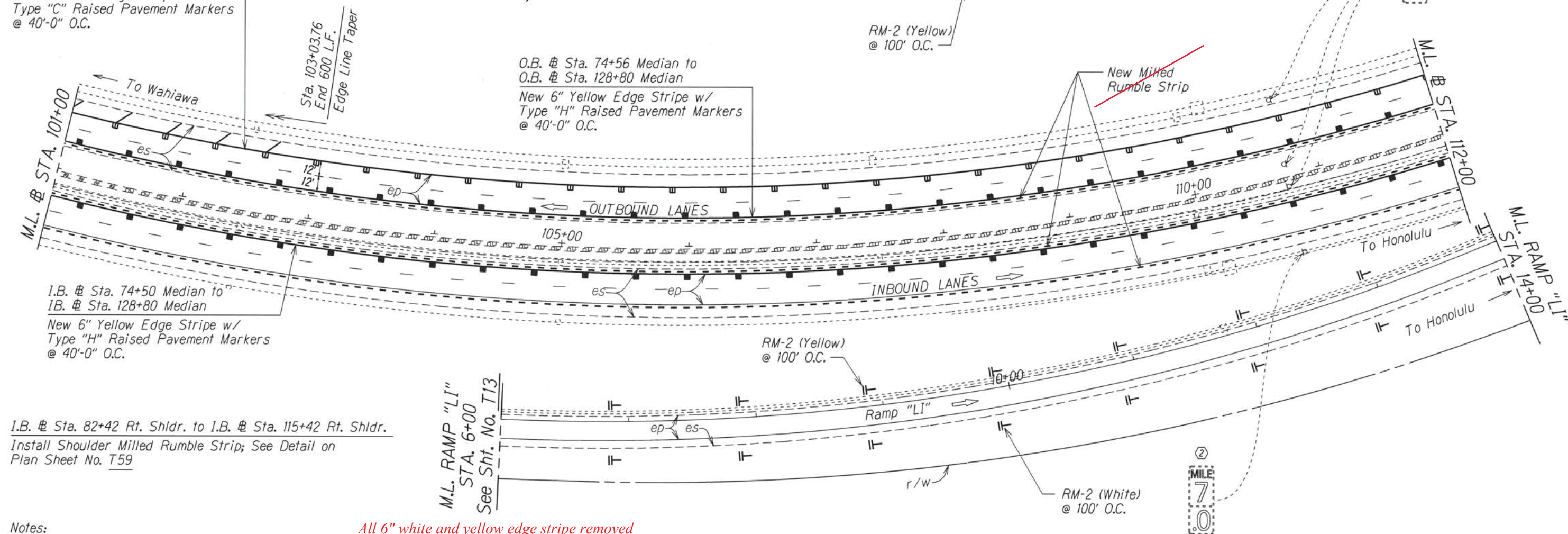
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	72	118

O.B. Sta. 74+76 Median to O.B. Sta. 128+75 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 74+70 Median to I.B. Sta. 128+75 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

O.B. Sta. 72+75 Rt. to
O.B. Sta. 122+50 Rt.

New 6" White Edge Stripe w/
Type "C" Raised Pavement Markers
@ 40'-0" O.C.



I.B. Sta. 74+50 Median to
I.B. Sta. 128+80 Median
New 6" Yellow Edge Stripe w/
Type "H" Raised Pavement Markers
@ 40'-0" O.C.

I.B. Sta. 82+42 Rt. Shldr. to I.B. Sta. 115+42 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

Notes:

1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

2. Remove all Existing Delineators along Ramp "LO" & "LI"

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- RM-2 Delineator with Flexible Post (Type B, 48" High)
- RM-5 Delineator, See Notes on Sht. No. T1

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T14 OF 59 SHEETS

"AS-BUILT"

72

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	73	118

I.B. @ Sta. 82+42 Rt. Shldr. to I.B. @ Sta. 115+42 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

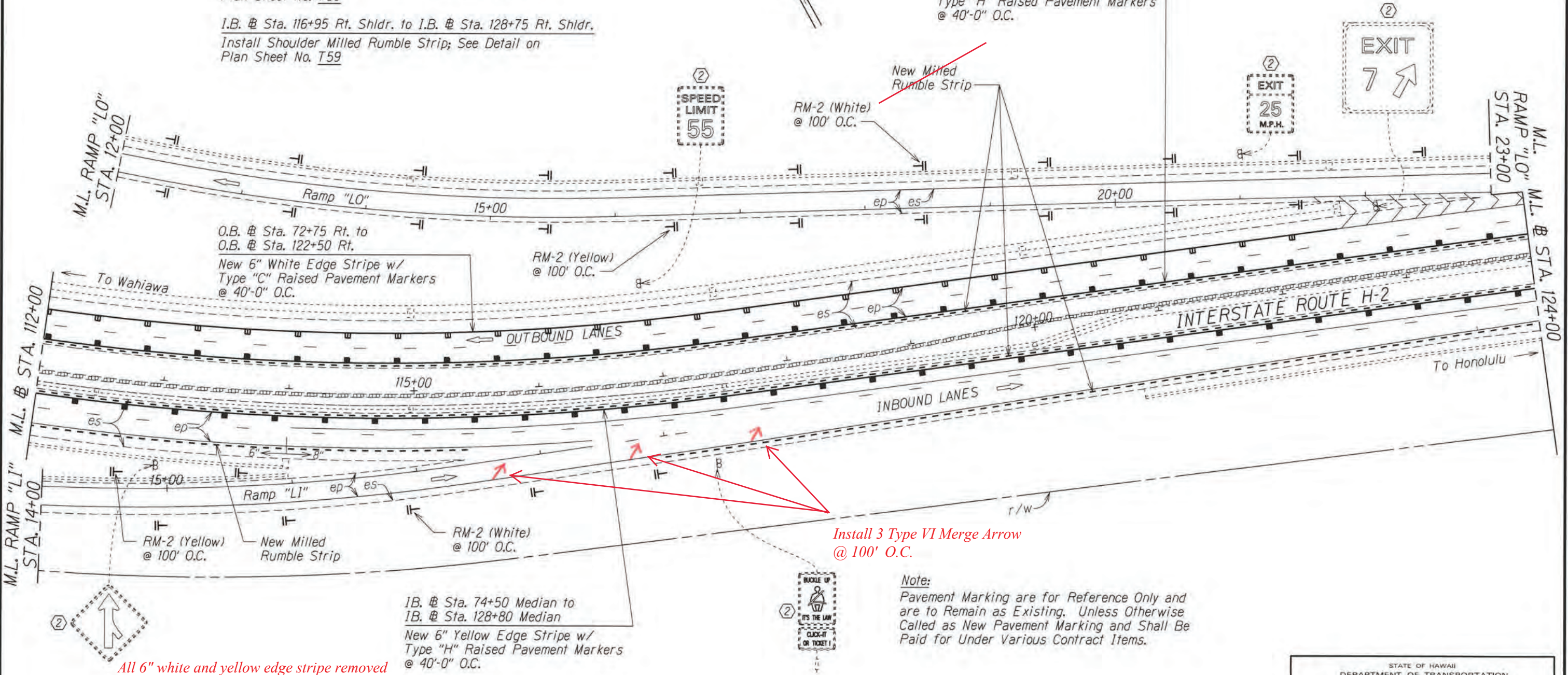
O.B. @ Sta. 74+76 Median to O.B. @ Sta. 128+75 Rt. Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 74+70 Median to I.B. @ Sta. 128+75 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 116+95 Rt. Shldr. to I.B. @ Sta. 128+75 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59



O.B. @ Sta. 74+56 Median to O.B. @ Sta. 128+80 Median
New 4" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.



All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

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

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
- Remove all Existing Delineators along Ramp "LO" & "LI"

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

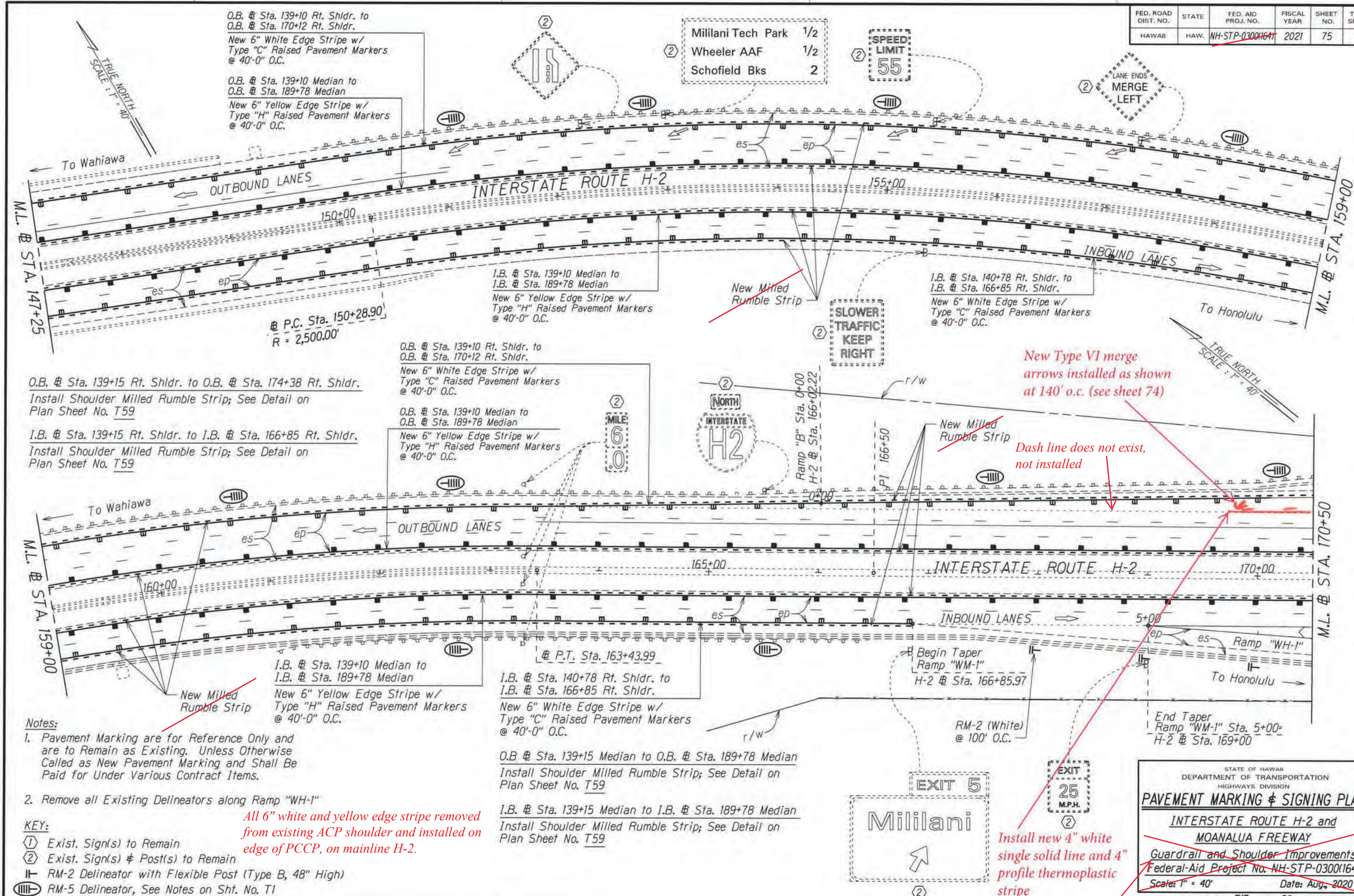
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T15 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	75	118



O.B. @ Sta. 139+15 Rt. Shldr. to O.B. @ Sta. 174+38 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 139+15 Rt. Shldr. to I.B. @ Sta. 166+85 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

Notes:

1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- RM-2 Delineator with Flexible Post (Type B, 48" High)
- RM-5 Delineator, See Notes on Sht. No. T1

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

O.B. @ Sta. 139+15 Median to O.B. @ Sta. 189+78 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 139+15 Median to I.B. @ Sta. 189+78 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59



Install new 4" white single solid line and 4" profile thermoplastic stripe

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40' Date: Aug. 2020

SHEET No. T17 OF 59 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
CHECKED BY	
NOTES BOOK	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

3 existing Type VI merge arrows were removed.
3 new Type VI merge arrows installed as shown at 140' o.c. (see sheet 75)

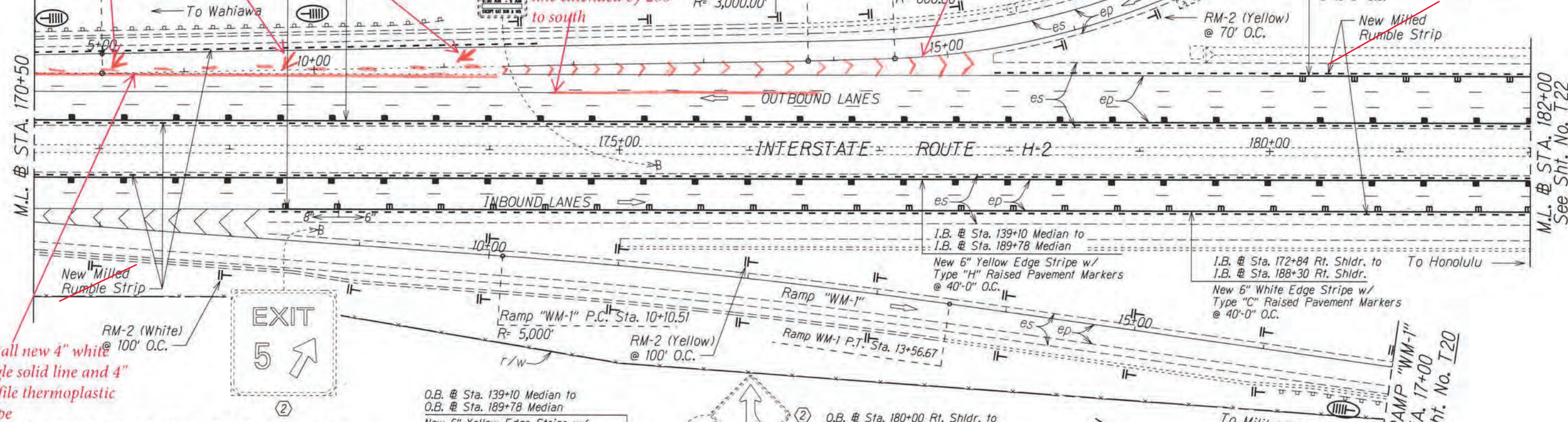
End Taper Ramp "B" Sta. 5+00+
Ramp "B" Sta. 8+37.29+
H-2 Sta. 171+00.88

I.B. Sta. 172+30 Rt. Shldr. to I.B. Sta. 172+84 Rt. Shldr.
New 8" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.
O.B. Sta. 139+10 Median to O.B. Sta. 189+78 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

O.B. Sta. 139+15 Rt. Shldr. to O.B. Sta. 174+38 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59
O.B. Sta. 177+88 Rt. Shldr. to O.B. Sta. 189+14 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59
I.B. Sta. 172+30 Rt. Shldr. to I.B. Sta. 188+27 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

New white gore markings installed per TE-27 "Channelizing Island" detail

4" white single solid line extended by 200' to south



Install new 4" white single solid line and 4" profile thermoplastic stripe

O.B. Sta. 139+15 Median to O.B. Sta. 189+78 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 139+15 Median to I.B. Sta. 189+78 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

Notes:

- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
- Remove all Existing Delineators along Ramp "WH-1" & "B"

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- RM-2 Delineator with Flexible Post (Type B, 48" High)
- RM-5 Delineator, See Notes on Sht. No. T1

O.B. Sta. 139+10 Median to O.B. Sta. 189+78 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

O.B. Sta. 180+00 Rt. Shldr. to O.B. Sta. 189+12 Rt. Shldr.
New 6" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

I.B. Sta. 139+10 Median to I.B. Sta. 189+78 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

I.B. Sta. 172+84 Rt. Shldr. to I.B. Sta. 188+30 Rt. Shldr.
New 6" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

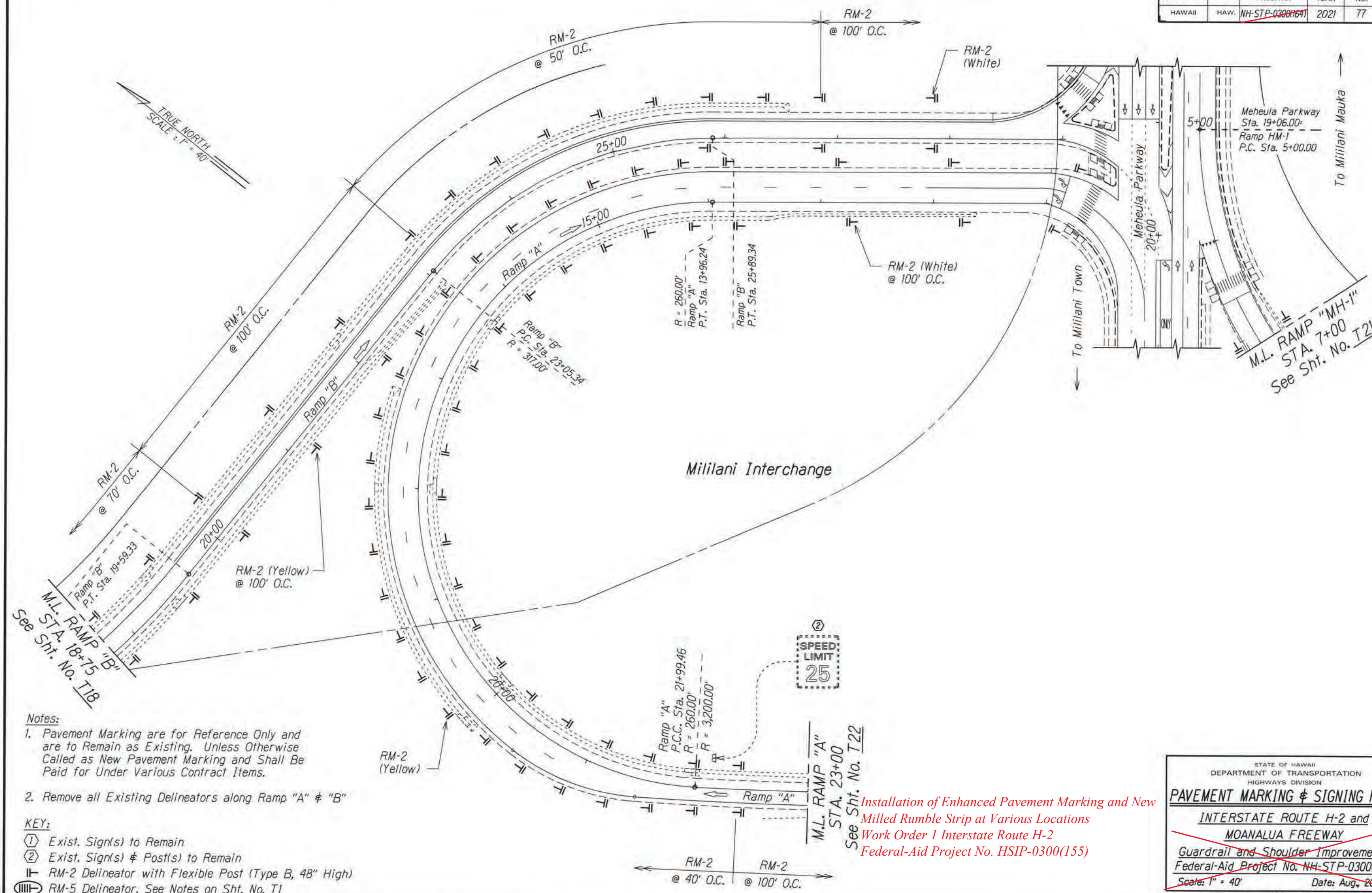
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T18 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	77	118



- Notes:
1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 2. Remove all Existing Delineators along Ramp "A" & "B"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

SPEED LIMIT 25

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
 Work Order 1 Interstate Route H-2
 Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

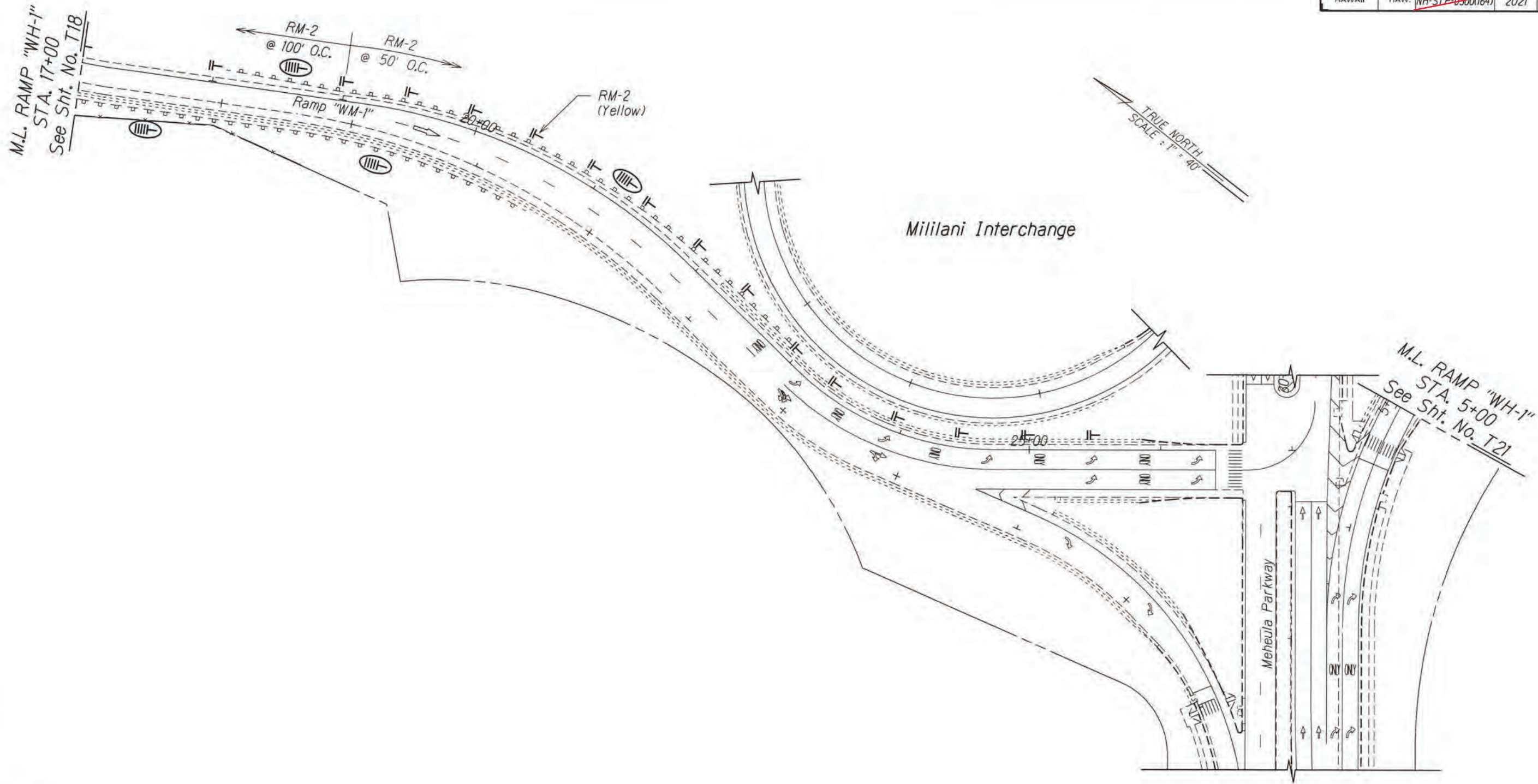
Scale: 1" = 40' Date: Aug. 2020

SHEET No. T19 OF 59 SHEETS

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

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	78	118



- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "WM-1"
- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
 Work Order 1 Interstate Route H-2
 Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

Guardrail and Shoulder Improvements

Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40'

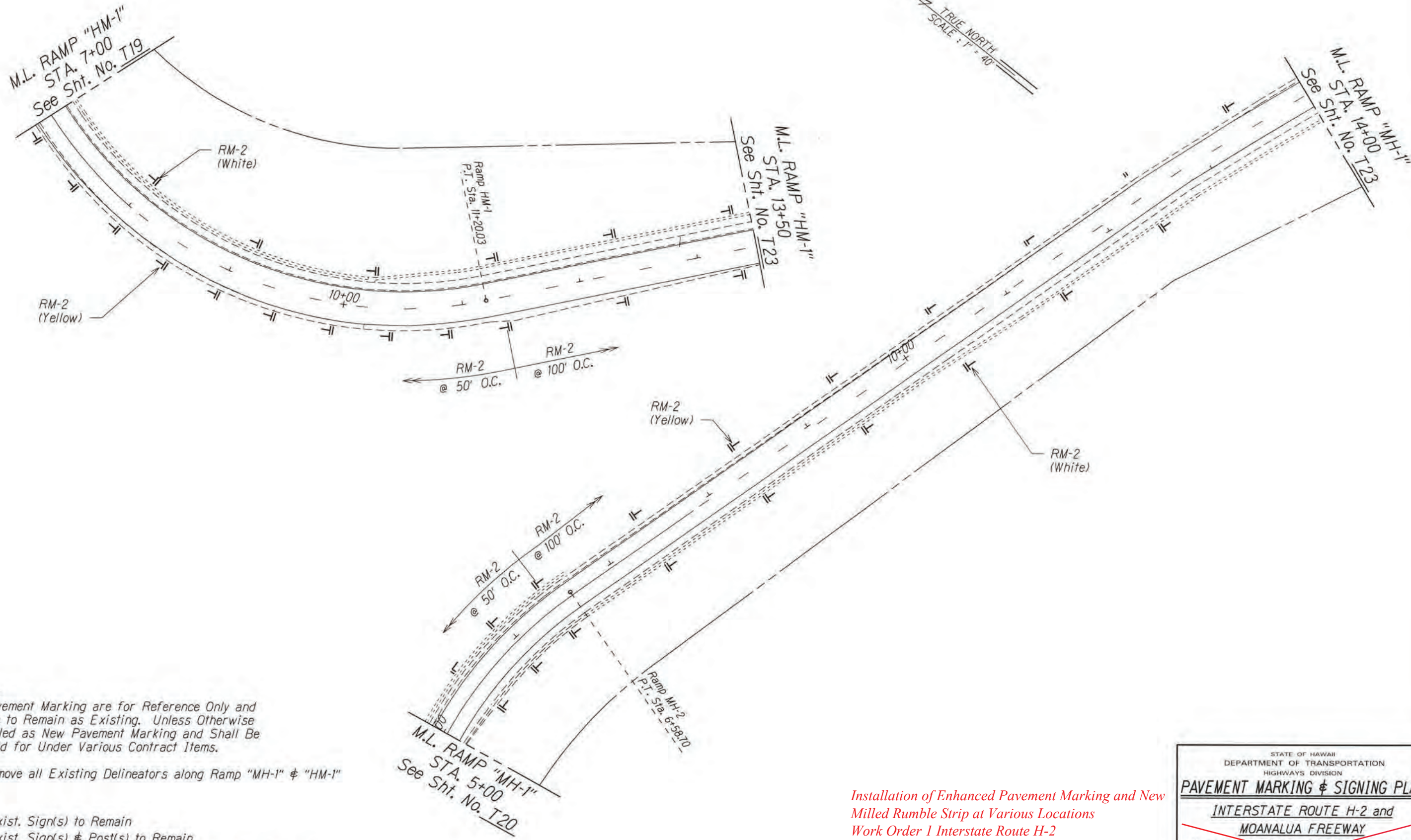
Date: Aug., 2020

SHEET No. T20 OF 59 SHEETS

78

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	79	118



- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "MH-1" & "HM-1"
- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
 Work Order 1 Interstate Route H-2
 Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and

MOANALUA FREEWAY

Guardrail and Shoulder Improvements

Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40'

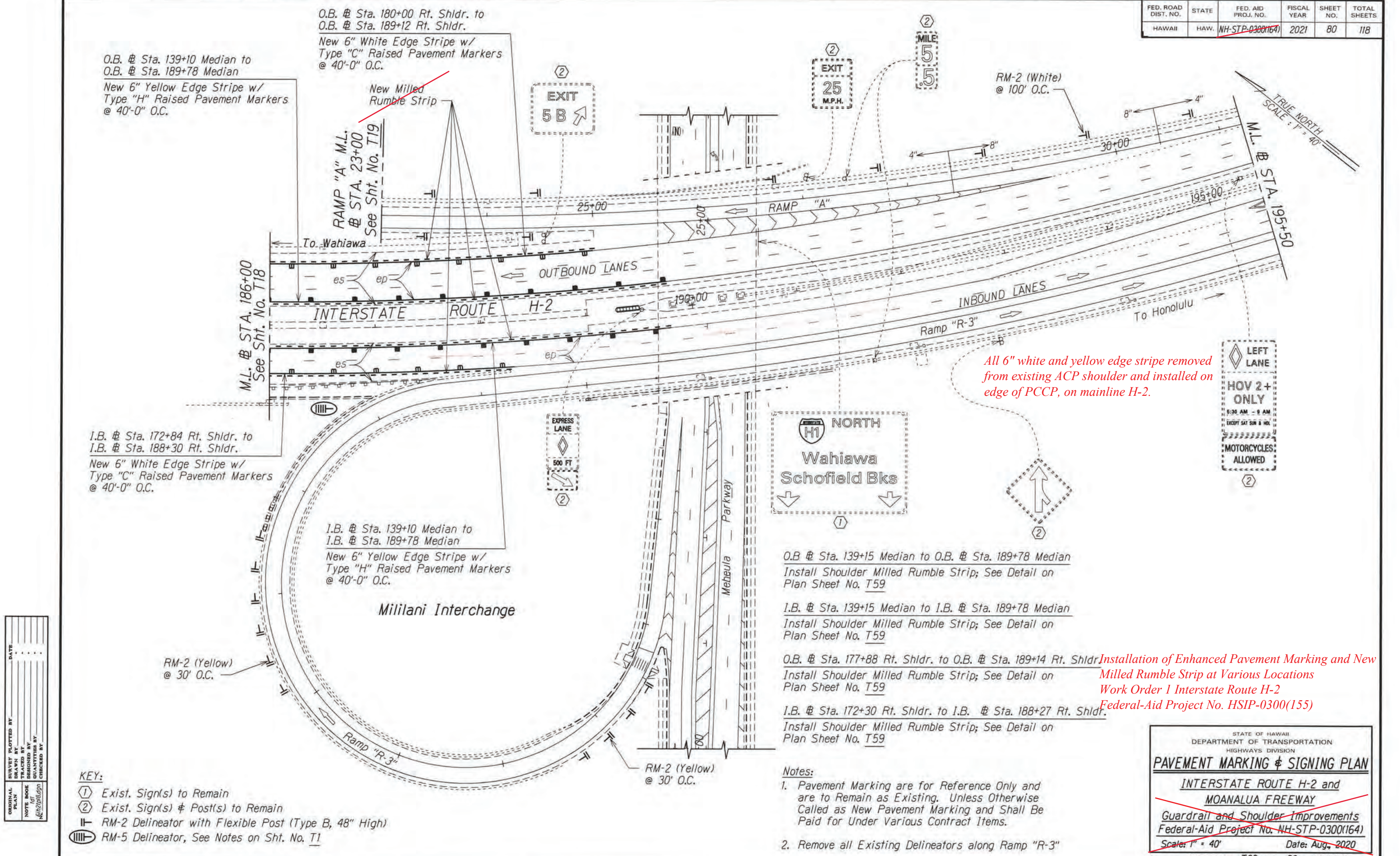
Date: Aug. 2020

SHEET No. T21 OF 59 SHEETS

79

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	80	118



SURVEY PLOTTED BY	DATE
DESIGNED BY	
CHECKED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "R-3"

"AS-BUILT"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

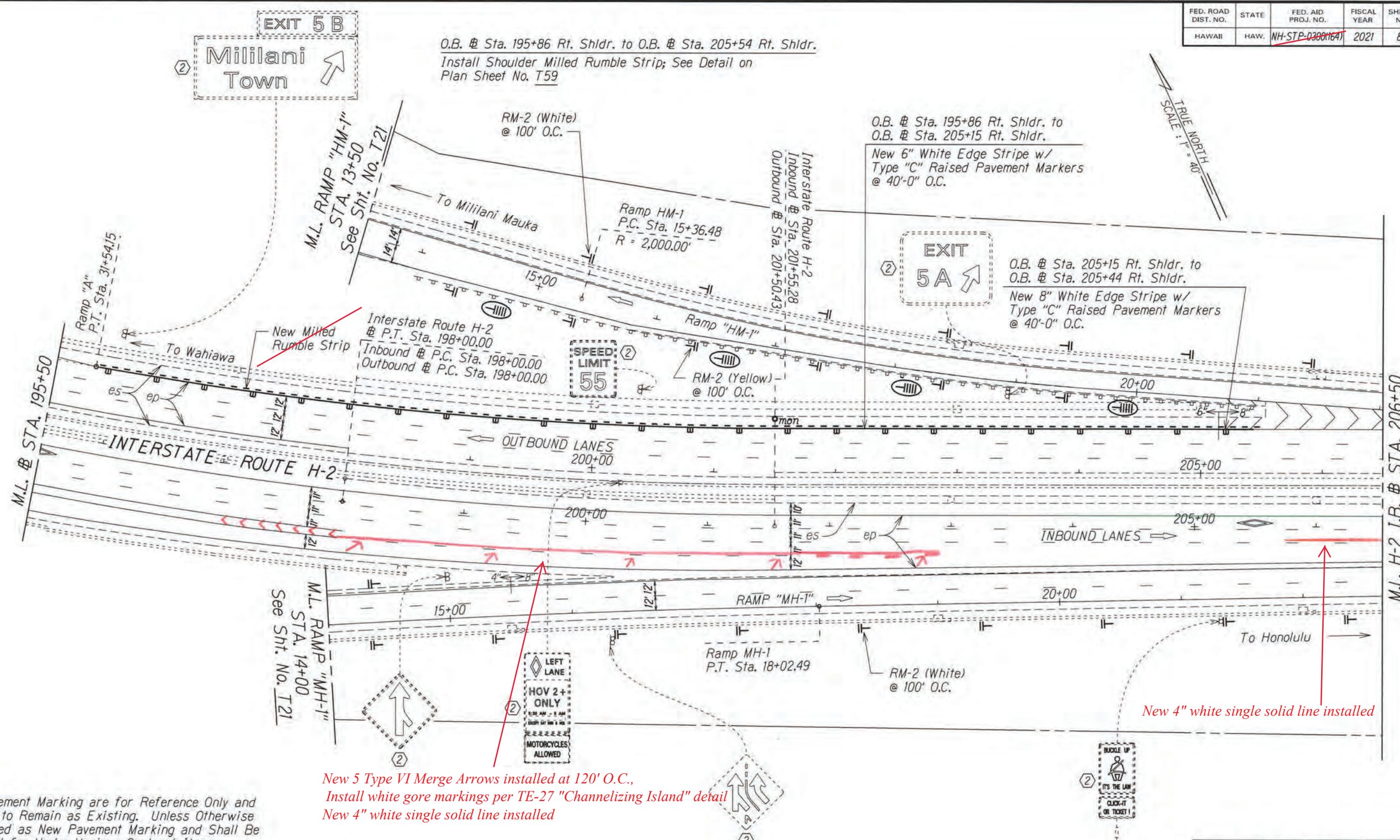
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T22 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	81	118



Notes:

1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

2. Remove all Existing Delineators along Ramp "MH-1" & "HM-1"

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- RM-2 Delineator with Flexible Post (Type B, 48" High)
- RM-5 Delineator, See Notes on Sht. No. T1

New 5 Type VI Merge Arrows installed at 120' O.C.,
Install white gore markings per TE-27 "Channelizing Island" detail
New 4" white single solid line installed

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

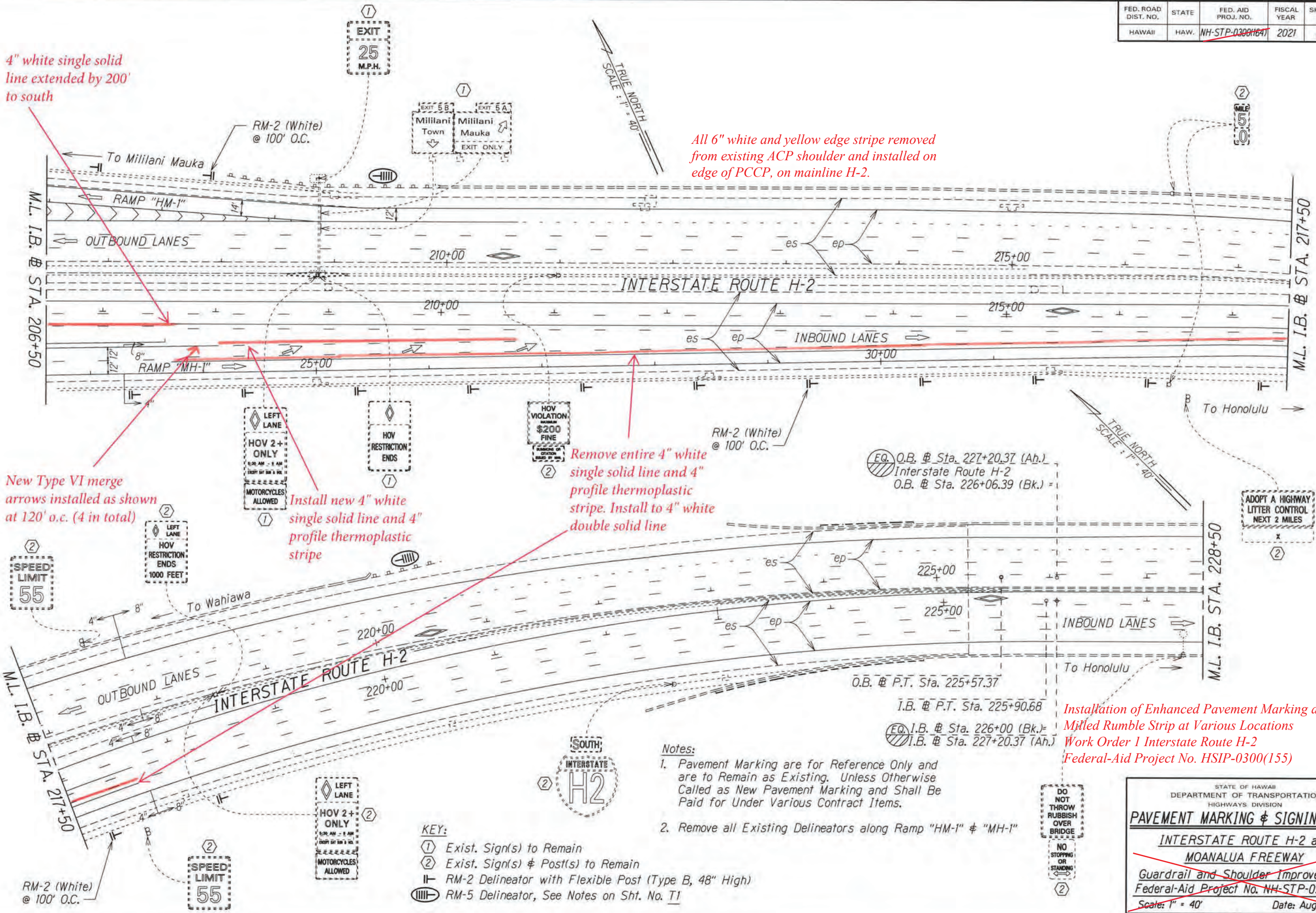
Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40' Date: Aug., 2020

SHEET No. T23 OF 59 SHEETS

"AS-BUILT"



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "HM-1" & "MH-1"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

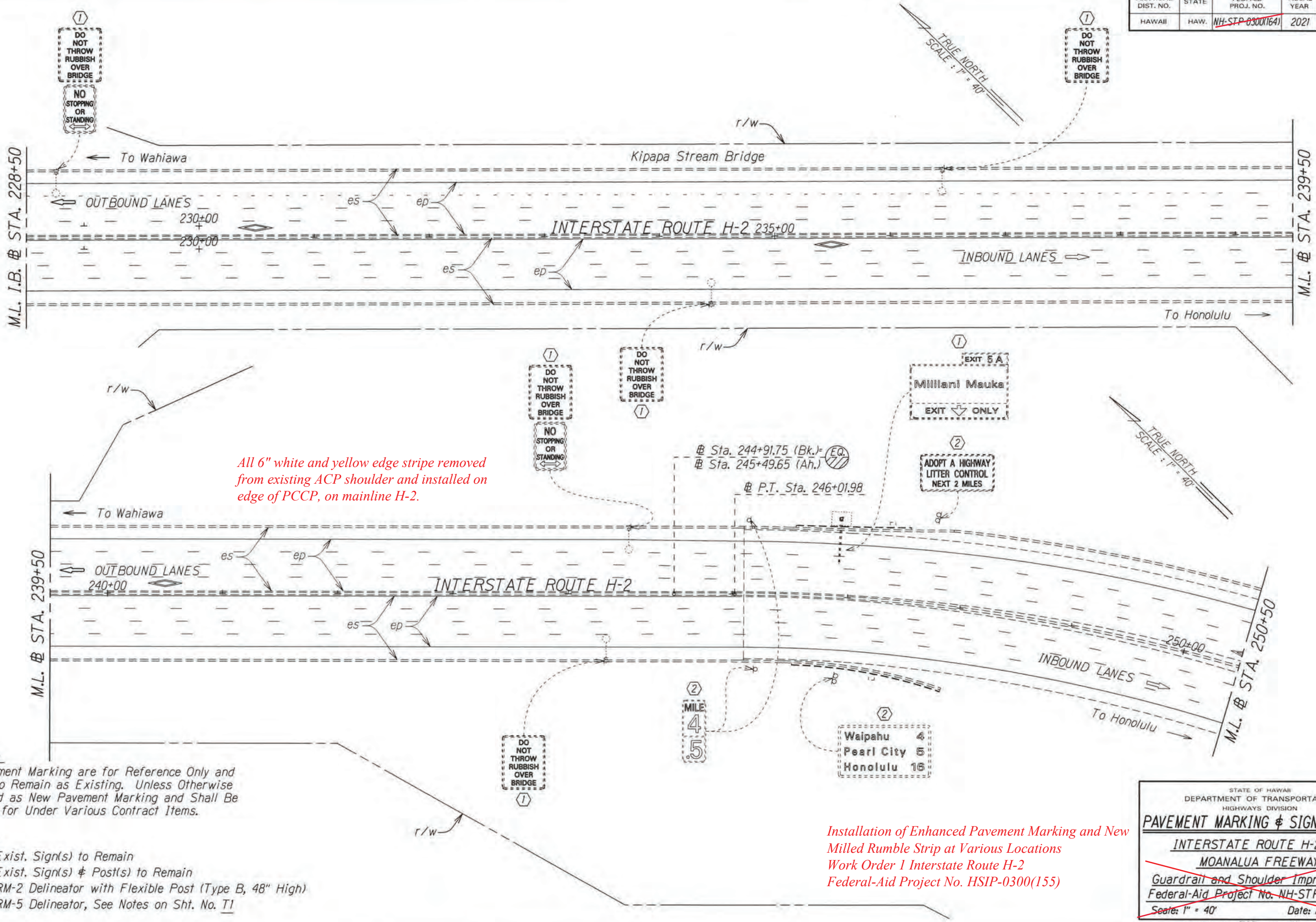
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T24 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	83	118



Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

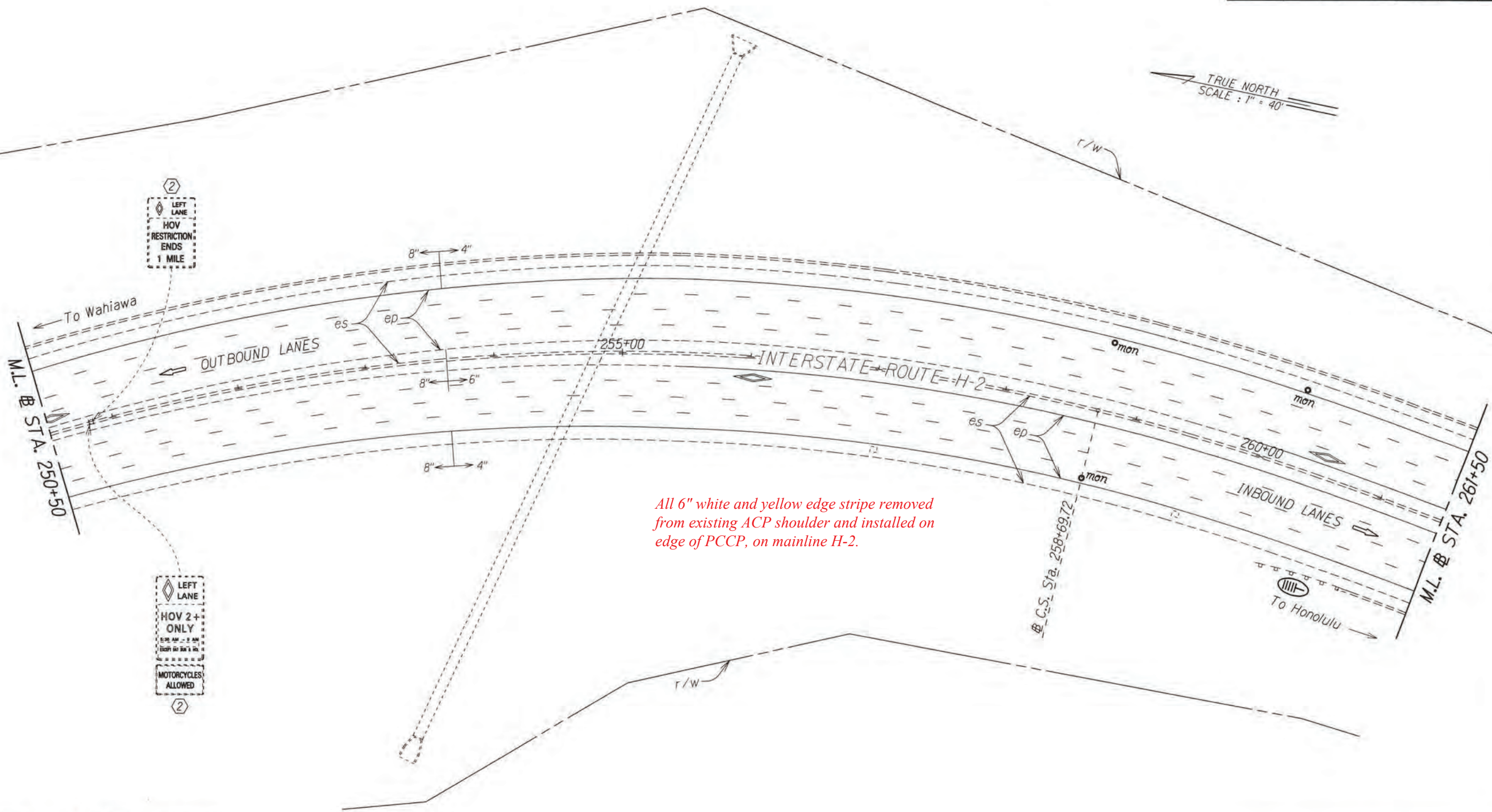
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T25 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	84	118



Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

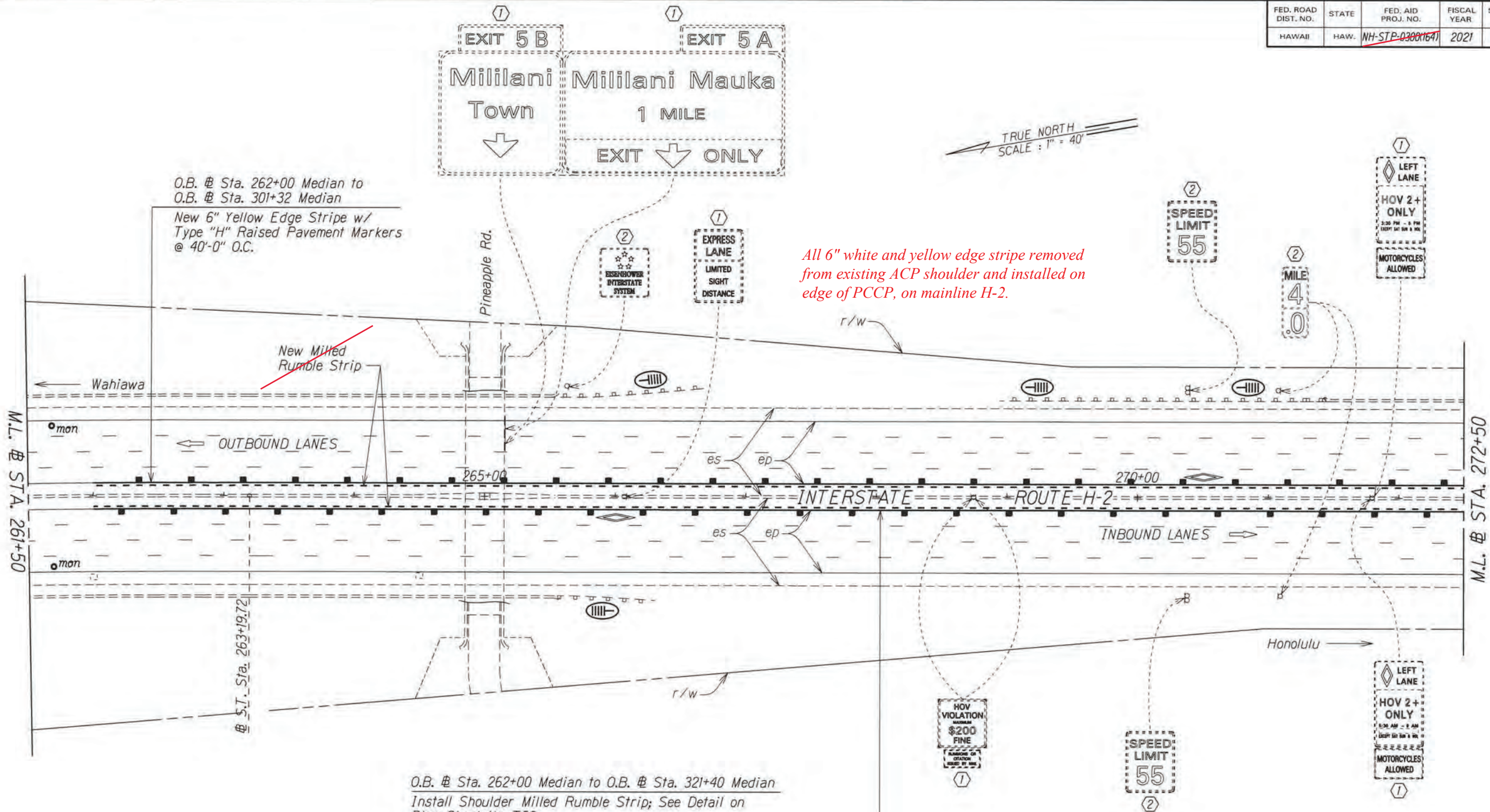
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. ~~NH-STP-0300(164)~~

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T26 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	85	118



All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

O.B. @ Sta. 262+00 Median to O.B. @ Sta. 301+32 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

O.B. @ Sta. 262+00 Median to O.B. @ Sta. 321+40 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59
I.B. @ Sta. 262+00 Median to I.B. @ Sta. 321+30 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 262+00 Median to I.B. @ Sta. 309+50 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

Notes:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T27 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	86	118

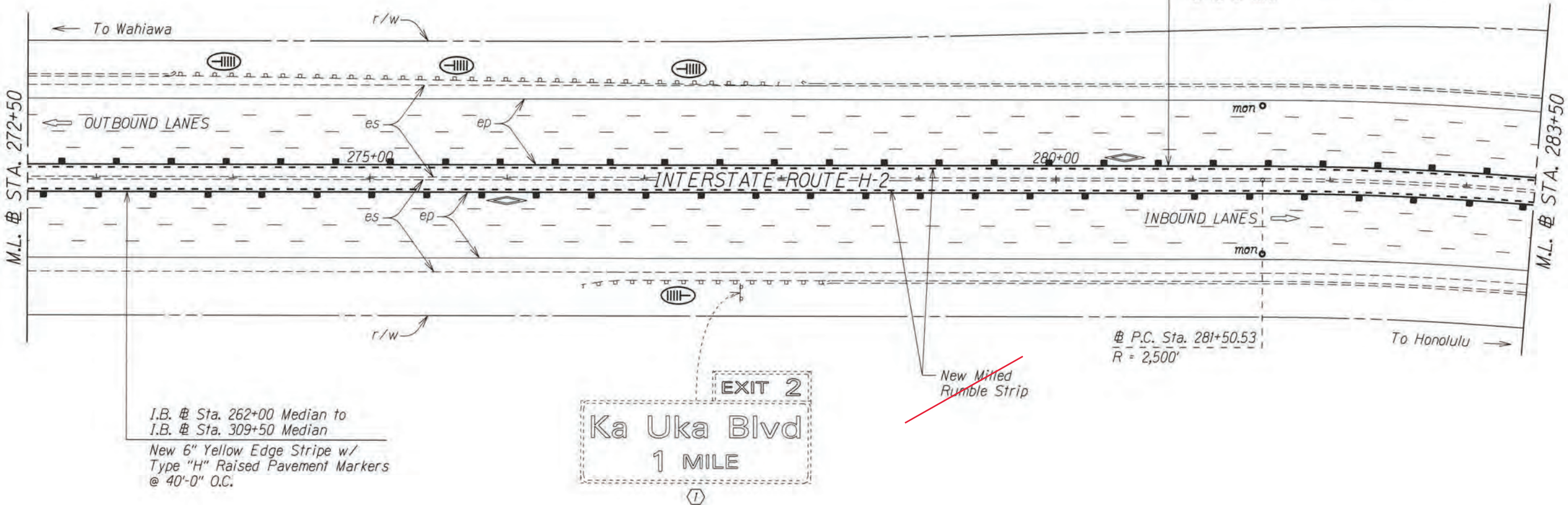
O.B. @ Sta. 262+00 Median to O.B. @ Sta. 321+40 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 262+00 Median to I.B. @ Sta. 321+30 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

TRUE NORTH
SCALE: 1" = 40'

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

I.B. @ Sta. 262+00 Median to I.B. @ Sta. 301+32 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.



I.B. @ Sta. 262+00 Median to I.B. @ Sta. 309+50 Median
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

P.C. Sta. 281+50.53
R = 2,500'

Notes:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ⊥ RM-2 Delineator with Flexible Post (Type B, 48" High)
 - ⊓ RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

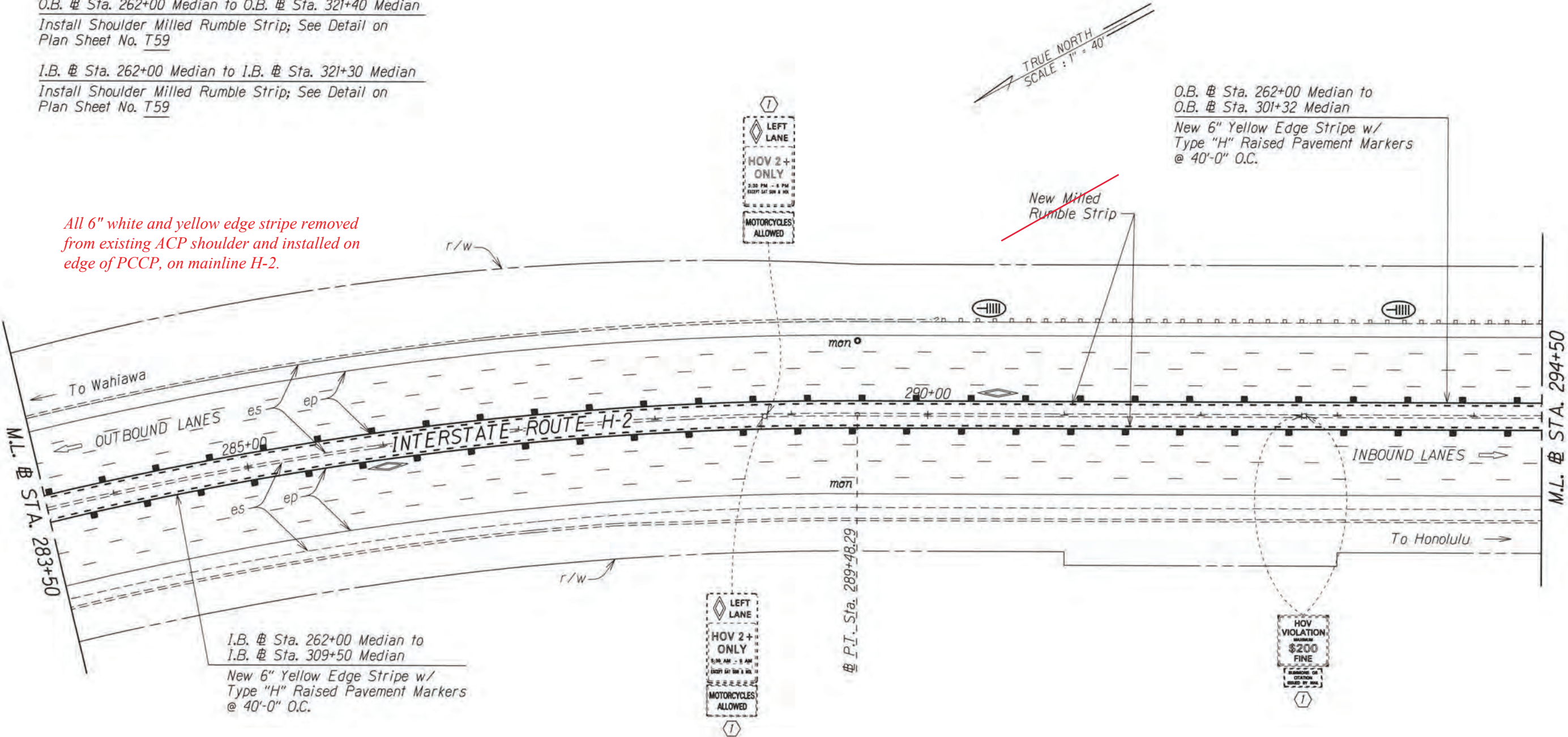
SHEET No. T28 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	87	118

O.B. Sta. 262+00 Median to O.B. Sta. 321+40 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. Sta. 262+00 Median to I.B. Sta. 321+30 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.



Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

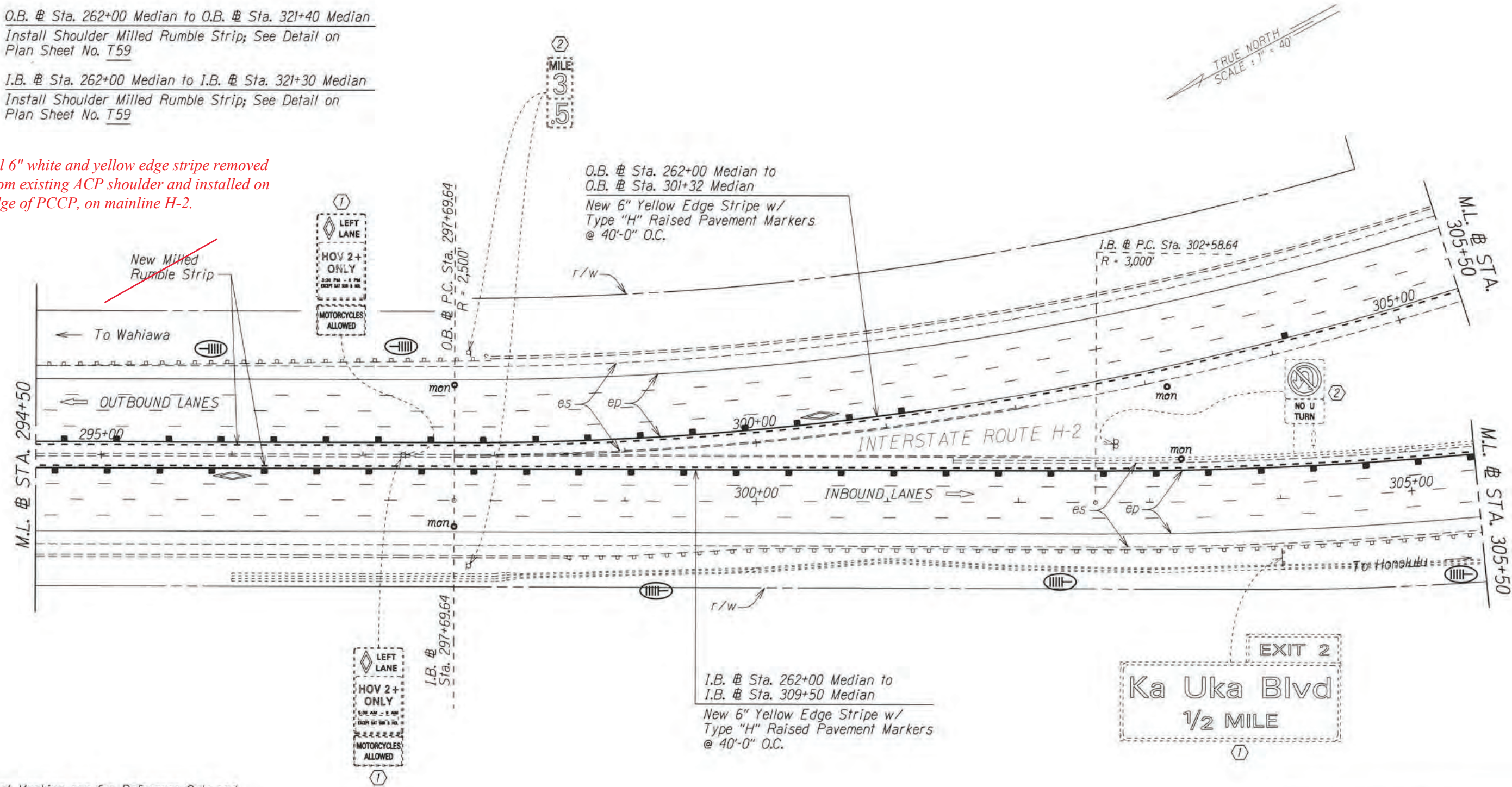
SHEET No. T29 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	88	118

O.B. # Sta. 262+00 Median to O.B. # Sta. 321+40 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. # Sta. 262+00 Median to I.B. # Sta. 321+30 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.



Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

Guardrail and Shoulder Improvements

Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40'

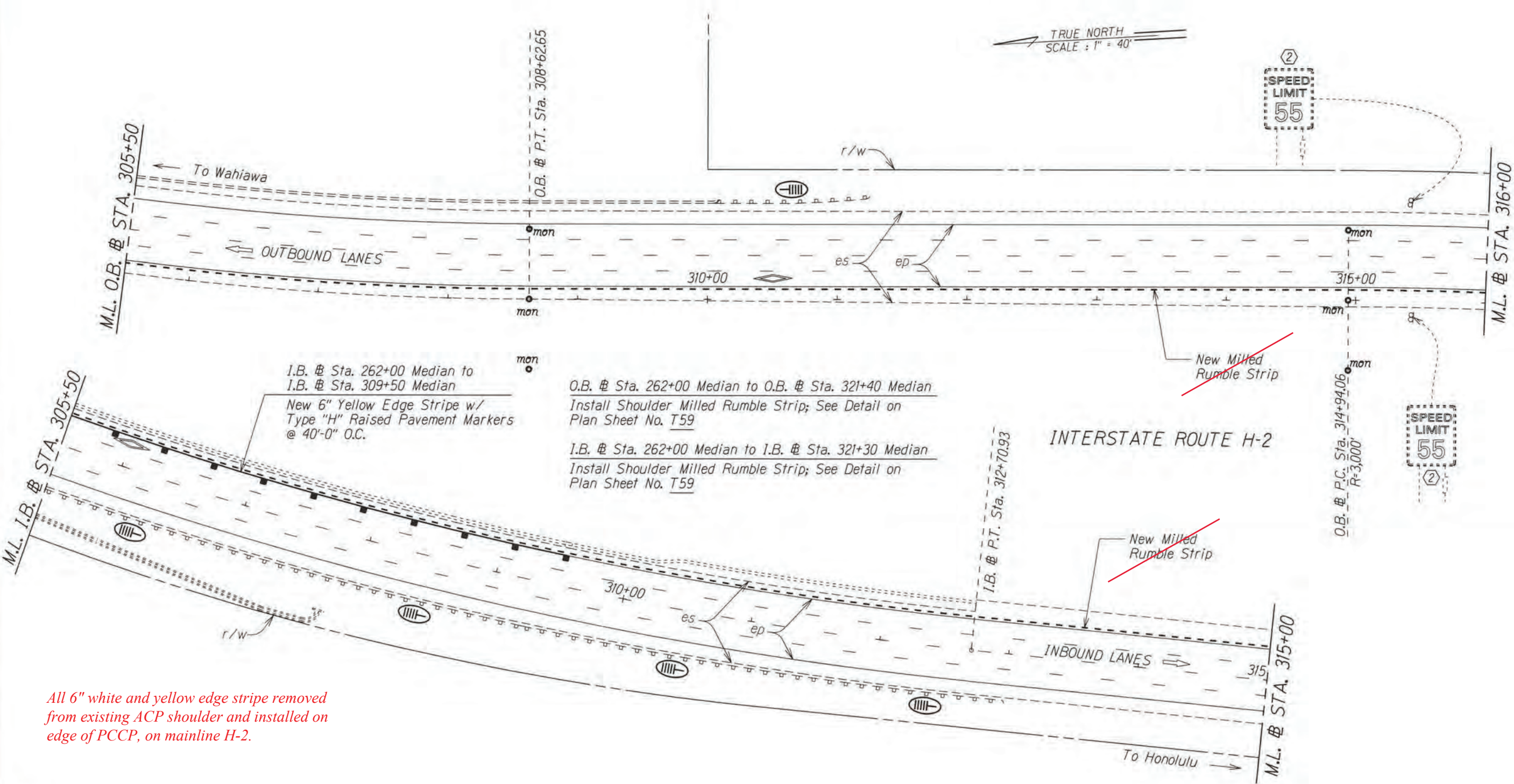
Date: Aug, 2020

SHEET No. T30 OF 59 SHEETS

88

SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	89	118



All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

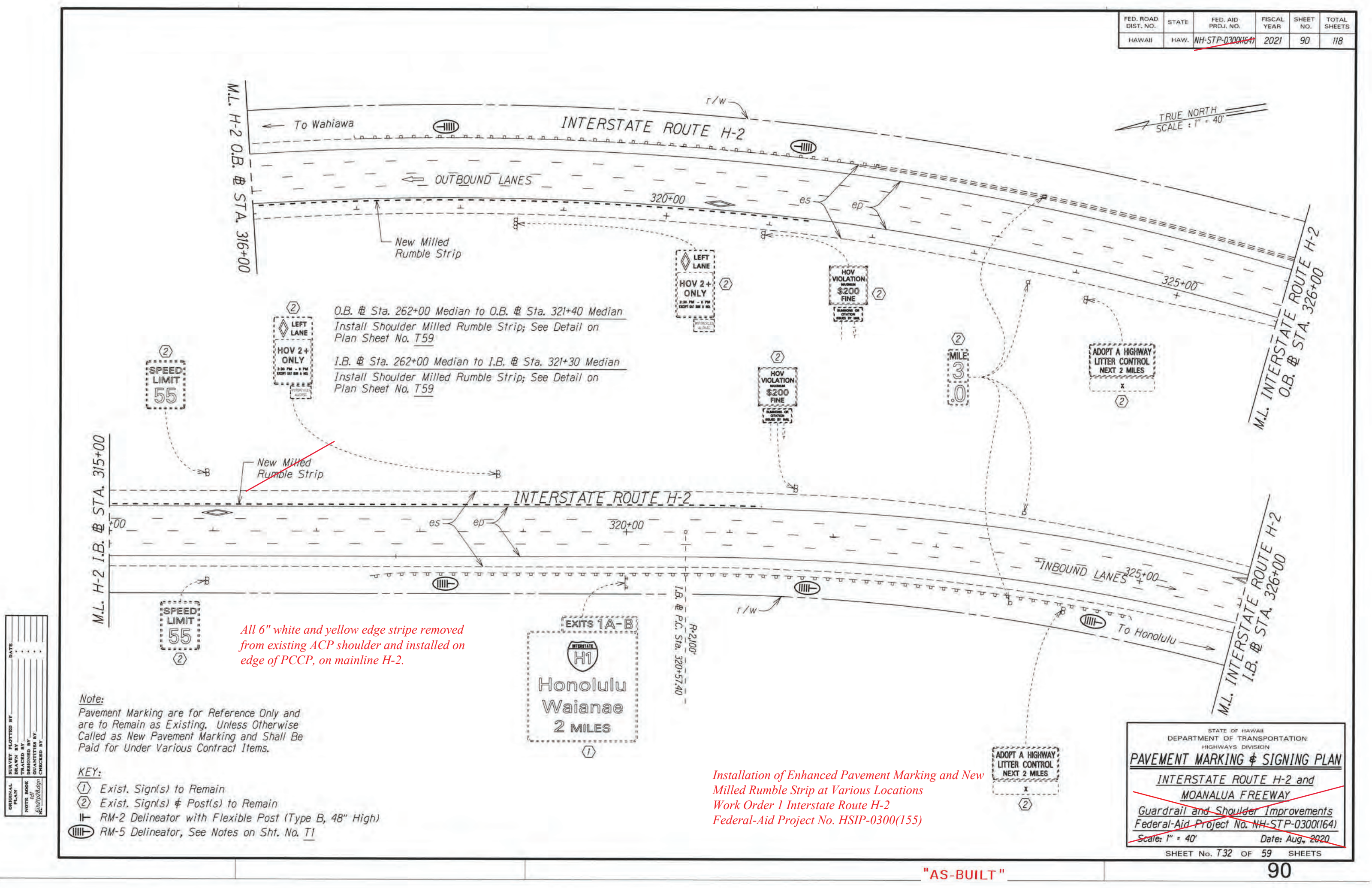
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40'
Date: Aug., 2020

SHEET No. T31 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	90	118



All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

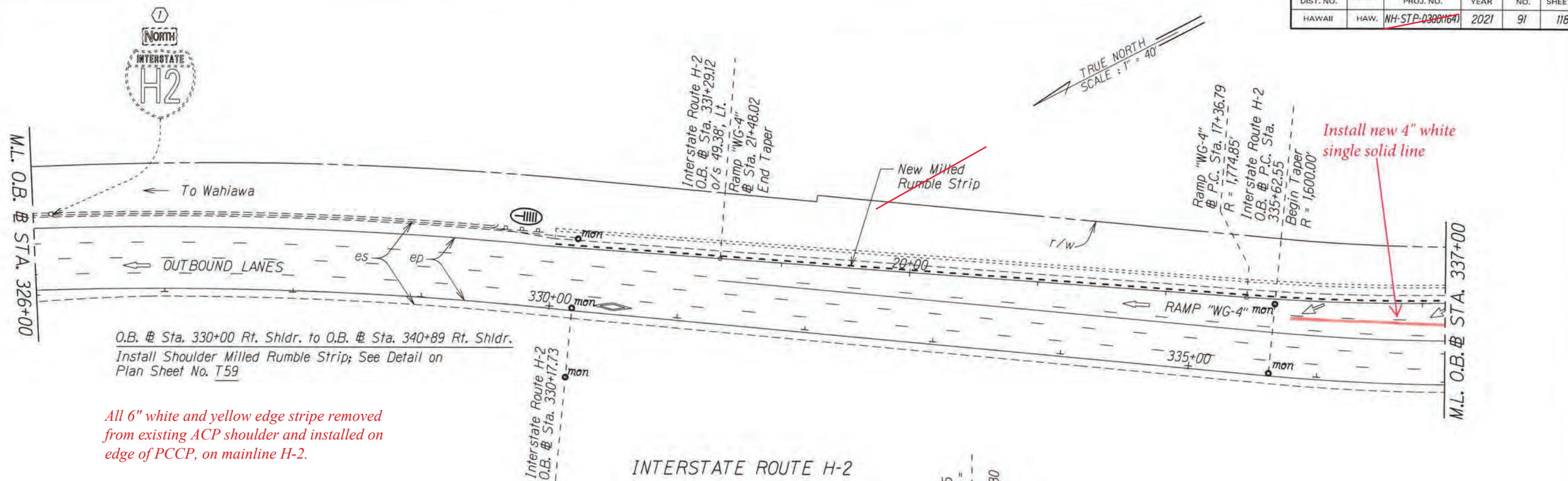
Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
~~Guardrail and Shoulder Improvements~~
~~Federal-Aid Project No. NH-STP-0300(164)~~
Scale: 1" = 40'
Date: Aug., 2020

SHEET No. T32 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	91	118



Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PAVEMENT MARKING & SIGNING PLAN	
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY	
Guardrail and Shoulder Improvements Federal-Aid Project No. NH-STP-0300(164)	
Scale: 1" = 40'	Date: Aug. 2020
SHEET No. T33 OF 59 SHEETS	

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	92	118

O.B. @ Sta. 330+00 Rt. Shldr. to O.B. @ Sta. 340+89 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

O.B. @ Sta. 343+00 Rt. Shldr. to O.B. @ Sta. 347+33 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 337+14 Rt. Shldr. to I.B. @ Sta. 348+82 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

Install new 4" white single solid line

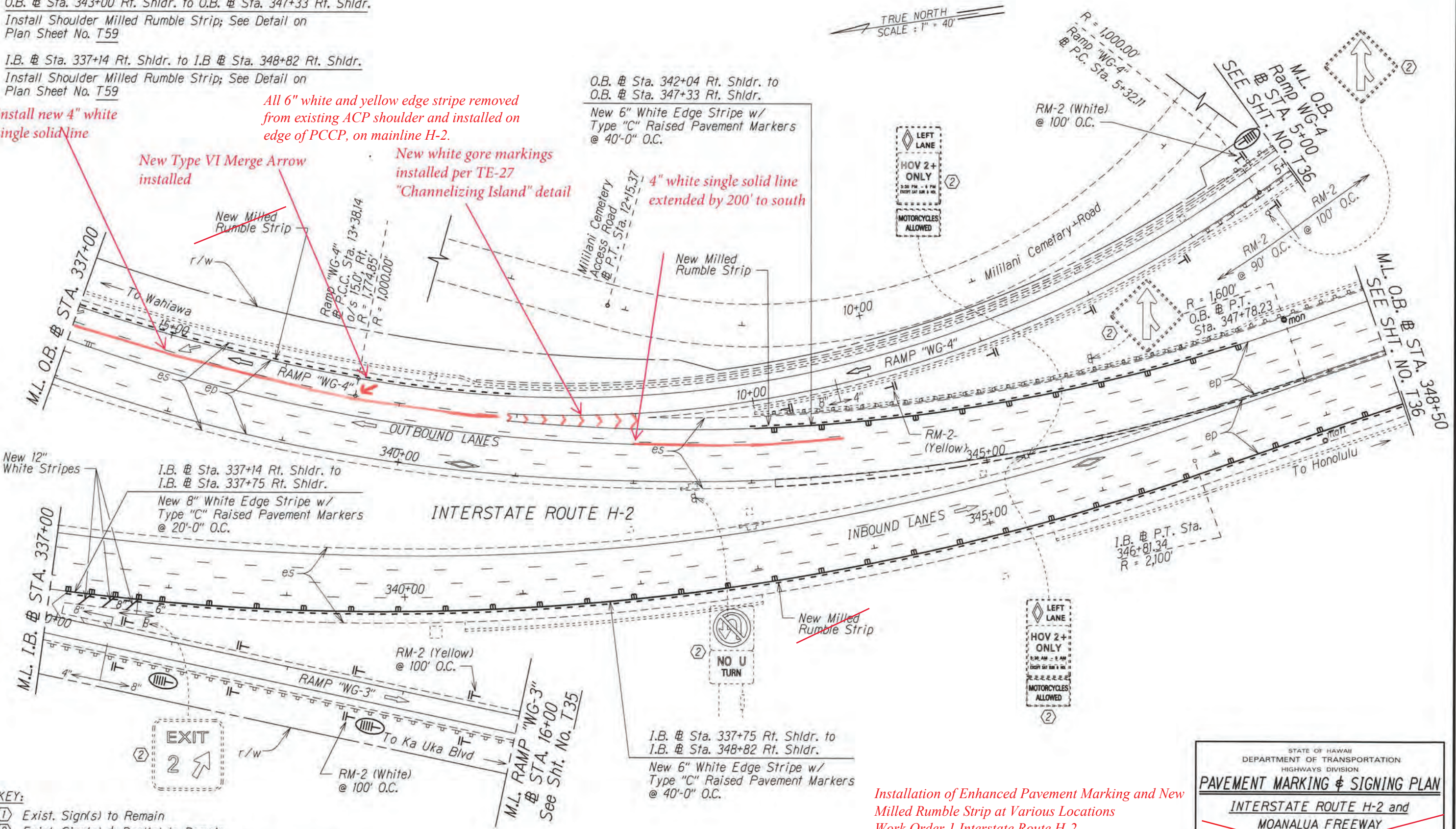
All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

New Type VI Merge Arrow installed

New white gore markings installed per TE-27 "Channelizing Island" detail

O.B. @ Sta. 342+04 Rt. Shldr. to O.B. @ Sta. 347+33 Rt. Shldr.
New 6" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

4" white single solid line extended by 200' to south



Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

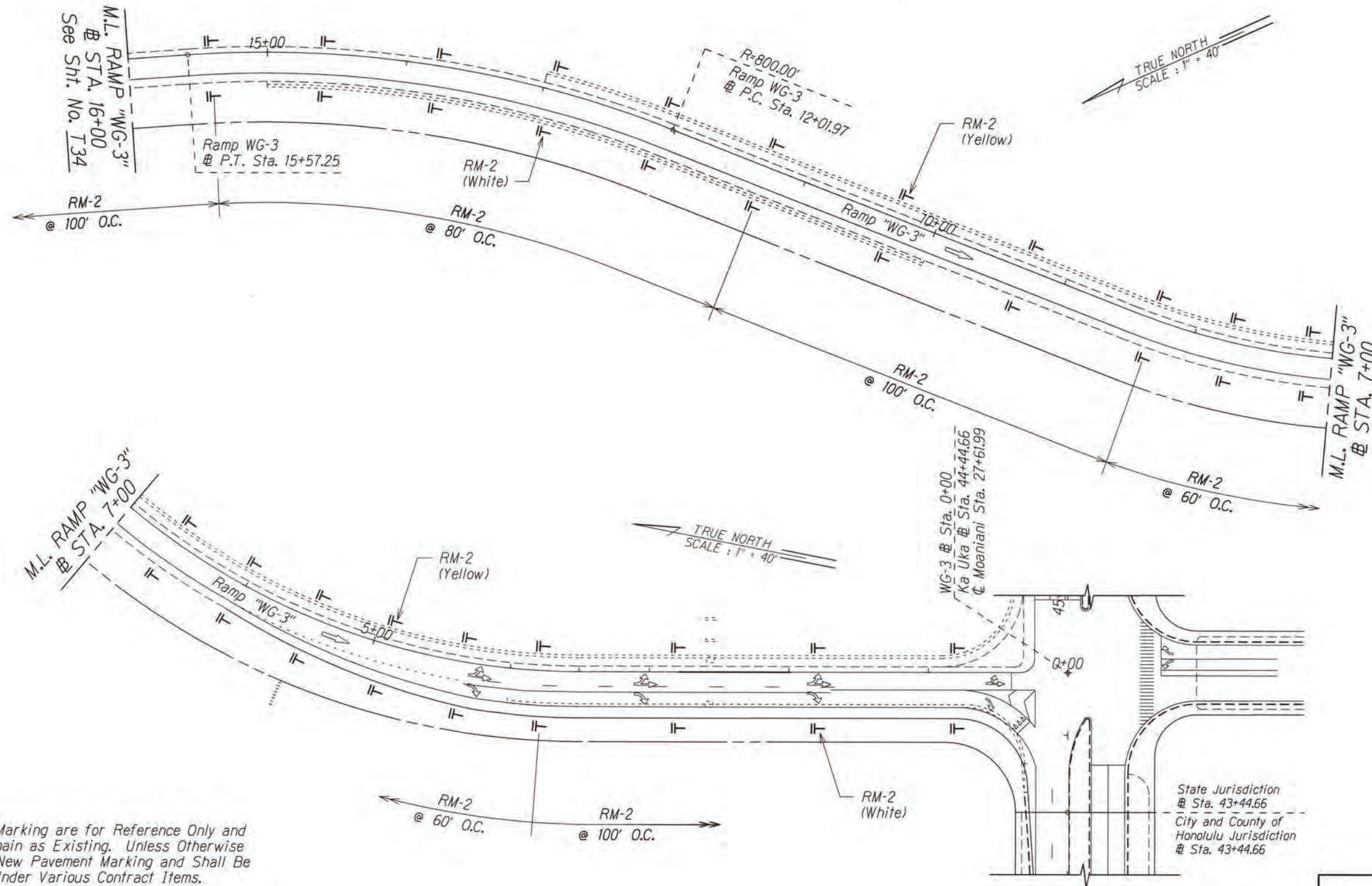
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T34 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	93	118



Notes:

- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
- Remove all Existing Delineators along Ramp "WG-3"

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- RM-2 Delineator with Flexible Post (Type B, 48" High)
- RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

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

~~Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)~~

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T35 OF 59 SHEETS

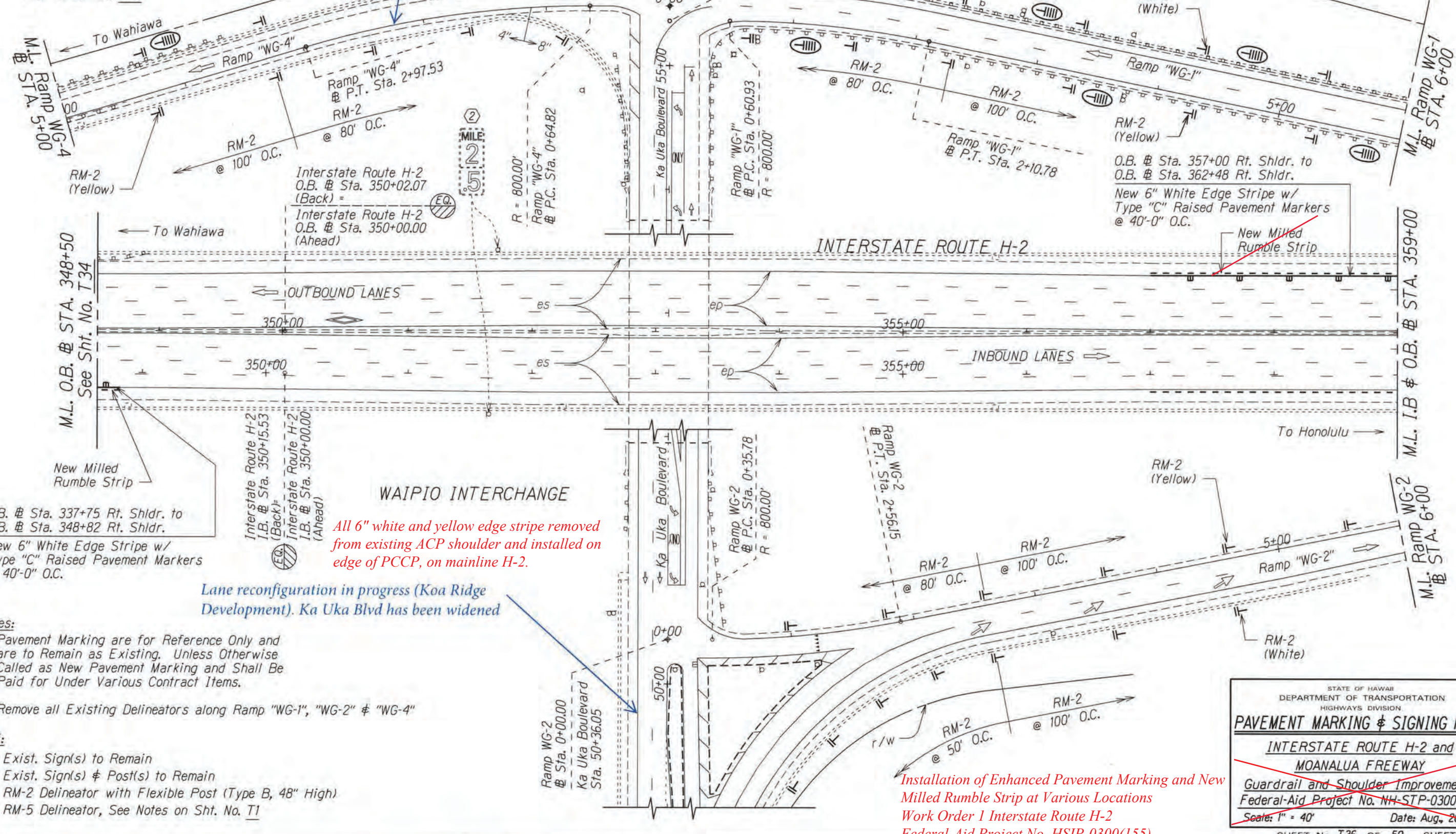
"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	94	118

O.B. @ Sta. 357+00 Rt. Shldr. to O.B. @ Sta. 362+76 Rt. Shldr. June 2021 -Ramp expansion in progress in (Koa Ridge Development). Ka Uka NB On-Ramp has been widened

I.B. @ Sta. 337+14 Rt. Shldr. to I.B. @ Sta. 348+82 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 357+00 Rt. Shldr. to I.B. @ Sta. 363+90 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59



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

I.B. @ Sta. 337+75 Rt. Shldr. to I.B. @ Sta. 348+82 Rt. Shldr.
New 6" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Lane reconfiguration in progress (Koa Ridge Development). Ka Uka Blvd has been widened

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "WG-1", "WG-2" & "WG-4"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T36 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	95	118

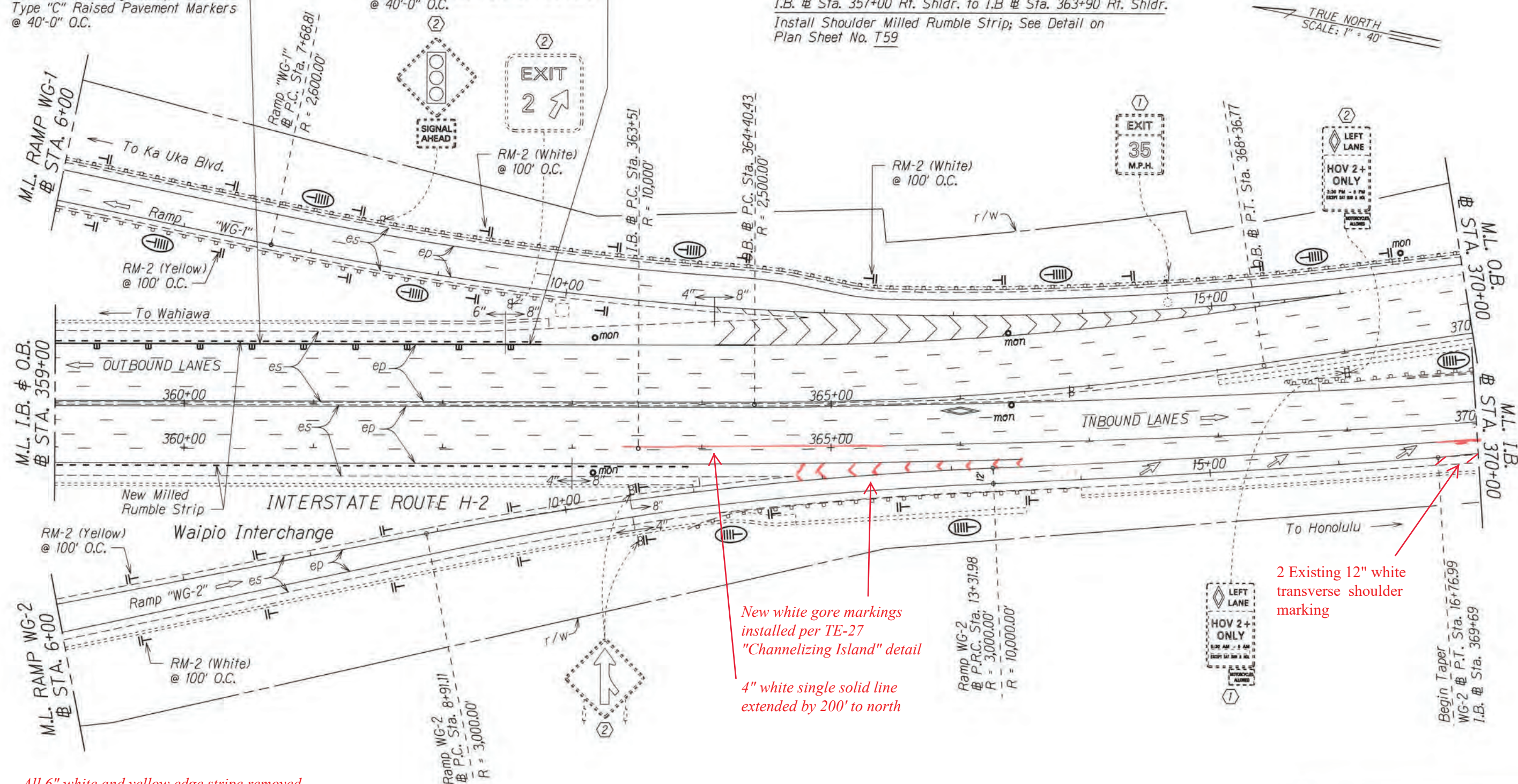
O.B. @ Sta. 357+00 Rt. Shldr. to O.B. @ Sta. 362+48 Rt. Shldr.
New 6" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

O.B. @ Sta. 362+48 Rt. Shldr. to O.B. @ Sta. 362+76 Rt. Shldr.
New 8" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

O.B. @ Sta. 357+00 Rt. Shldr. to O.B. @ Sta. 362+76 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 357+00 Rt. Shldr. to I.B. @ Sta. 363+90 Rt. Shldr.
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

TRUE NORTH
SCALE: 1" = 40'



2 Existing 12" white transverse shoulder marking

New white gore markings installed per TE-27
"Channelizing Island" detail
4" white single solid line extended by 200' to north

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

- Notes:
1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 2. Remove all Existing Delineators along Ramp "WG-1" & "WG-2"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug, 2020

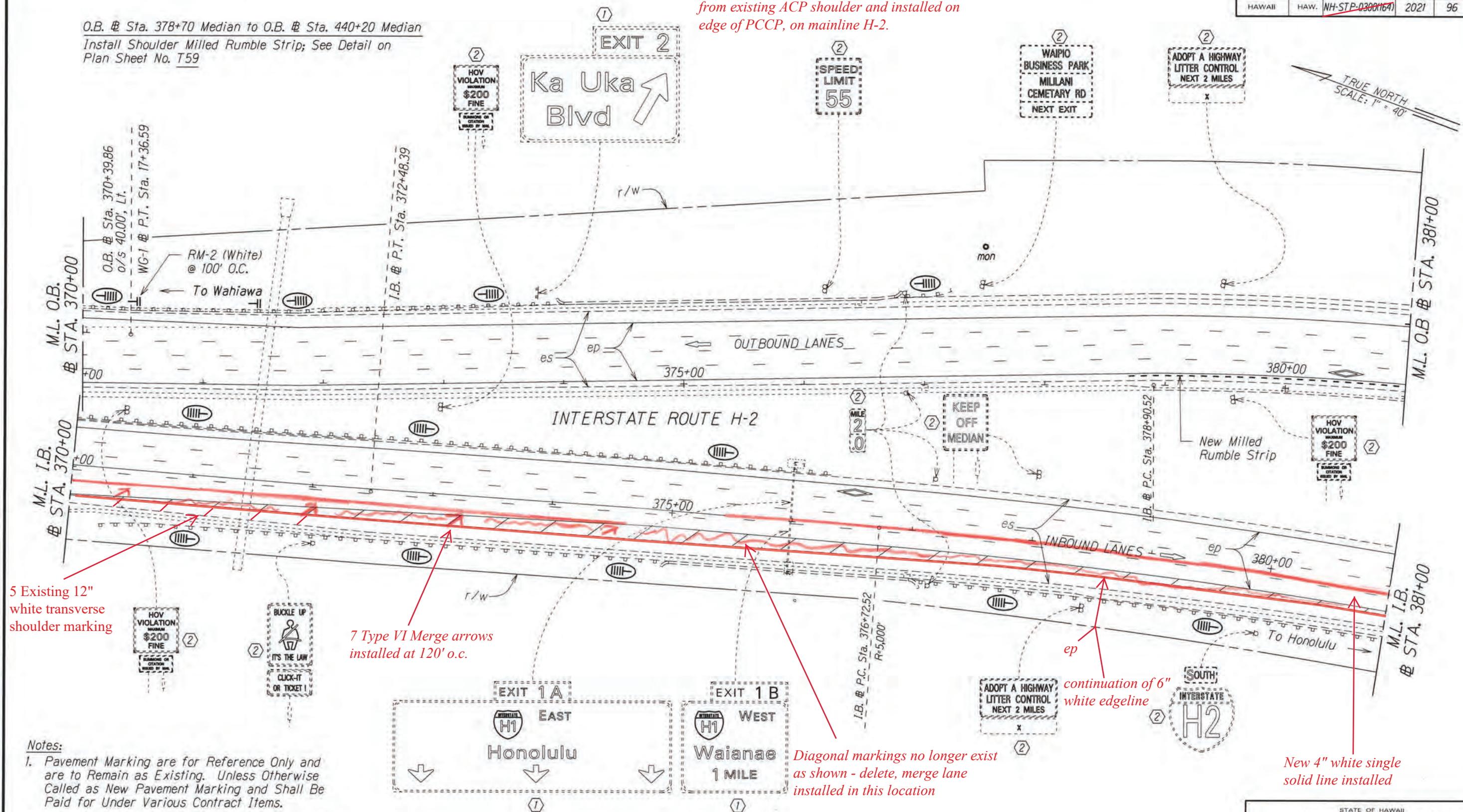
SHEET No. T37 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	96	118

O.B. @ Sta. 378+70 Median to O.B. @ Sta. 440+20 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.



5 Existing 12" white transverse shoulder marking

7 Type VI Merge arrows installed at 120' o.c.

Diagonal markings no longer exist as shown - delete, merge lane installed in this location

continuation of 6" white edgeline

New 4" white single solid line installed

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "WG-1"
- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

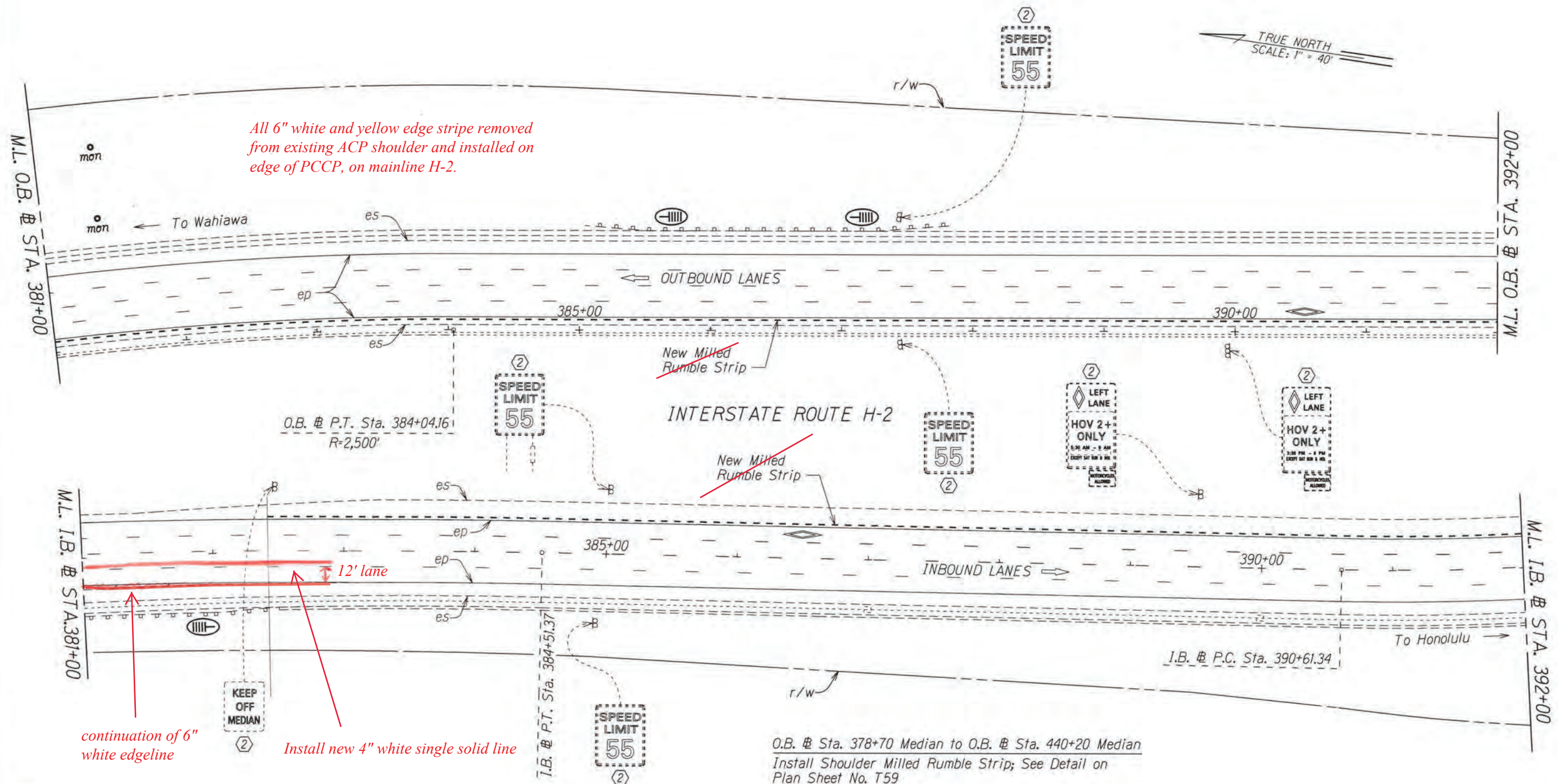
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40' Date: Aug., 2020

SHEET No. T38 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	97	118



Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
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 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

O.B. # Sta. 378+70 Median to O.B. # Sta. 440+20 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. # Sta. 382+42 Median to I.B. # Sta. 425+35 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PAVEMENT MARKING & SIGNING PLAN	
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY	
Guardrail and Shoulder Improvements	
Federal-Aid Project No. NH-STP-0300(164)	
Scale: 1" = 40'	Date: Aug., 2020
SHEET No. T39 OF 59 SHEETS	

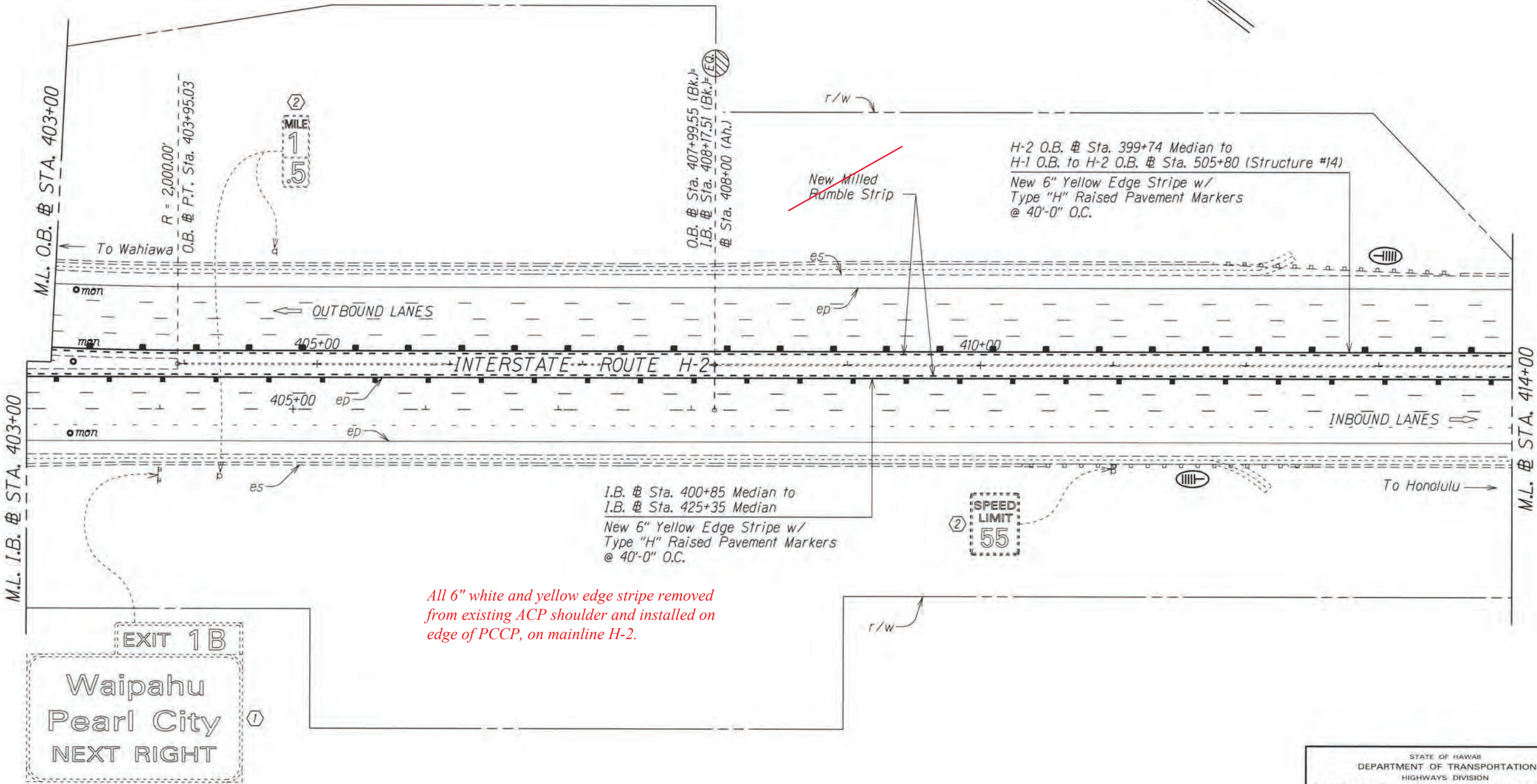
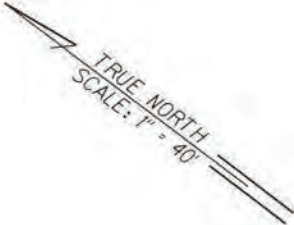
"AS-BUILT"

97

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	99	118

O.B. @ Sta. 378+70 Median to O.B. @ Sta. 440+20 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59

I.B. @ Sta. 382+42 Median to I.B. @ Sta. 425+35 Median
Install Shoulder Milled Rumble Strip; See Detail on Plan Sheet No. T59



All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

ORIGINAL PLAN	DATE
DESIGNED BY	
NOTED BY	
QUANTITIES BY	
CHECKED BY	

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

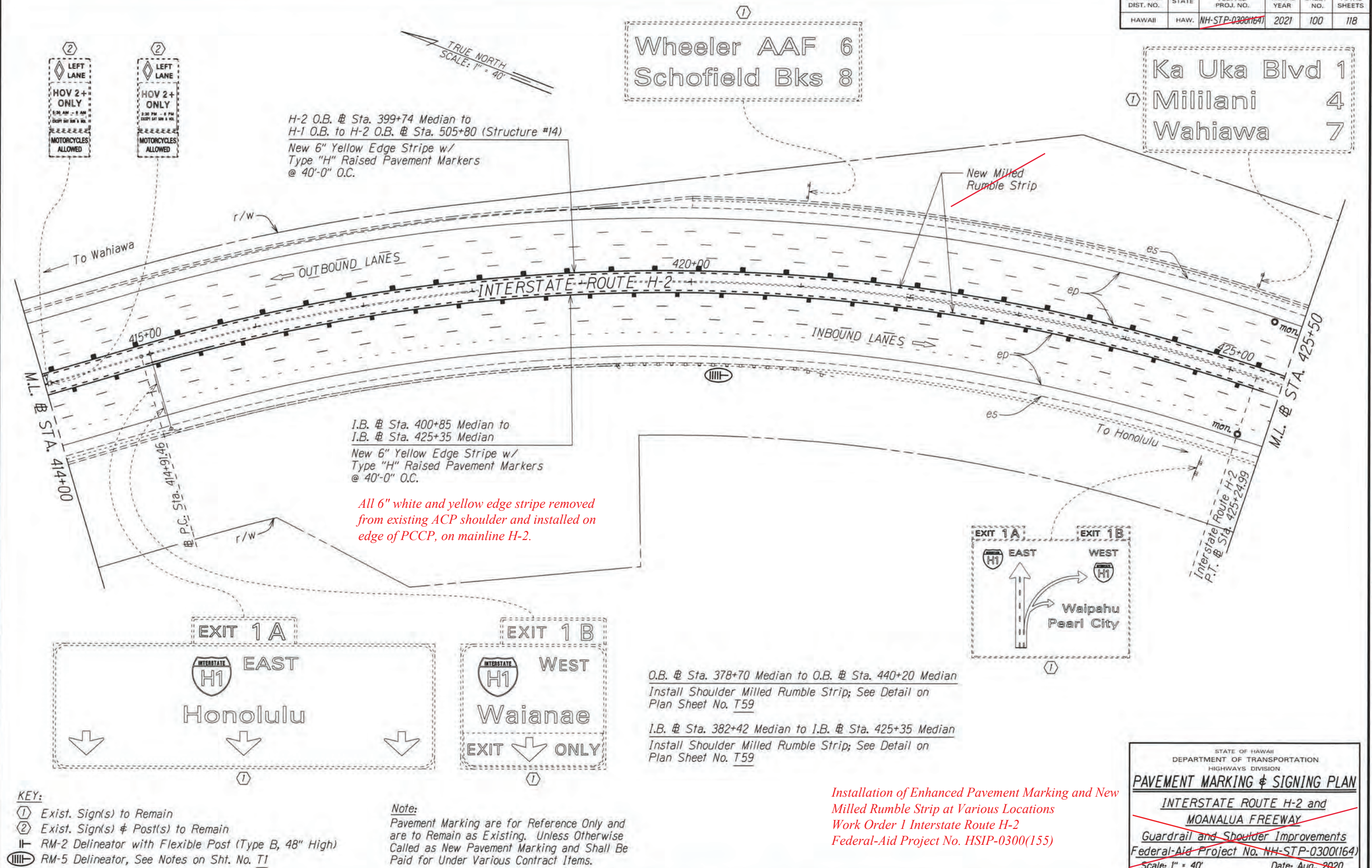
Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40'
Date: Aug., 2020

SHEET No. T41 OF 59 SHEETS

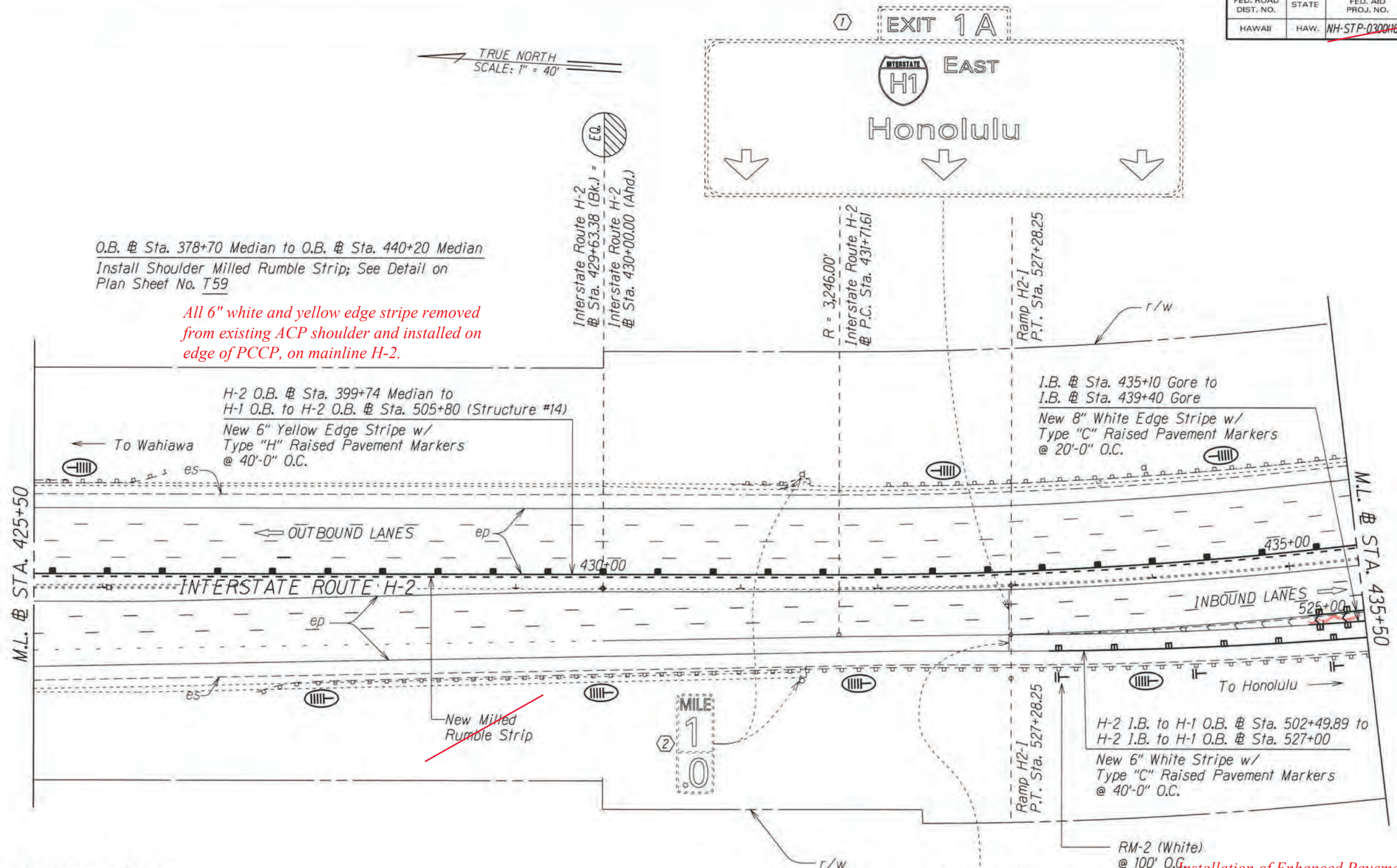
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	100	118



"AS-BUILT"

100

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	101	118



O.B. @ Sta. 378+70 Median to O.B. @ Sta. 440+20 Median
Install Shoulder Milled Rumble Strip; See Detail on
Plan Sheet No. T59

All 6" white and yellow edge stripe removed
from existing ACP shoulder and installed on
edge of PCCP, on mainline H-2.

H-2 O.B. @ Sta. 399+74 Median to
H-1 O.B. to H-2 O.B. @ Sta. 505+80 (Structure #14)
New 6" Yellow Edge Stripe w/
Type "H" Raised Pavement Markers
@ 40'-0" O.C.

I.B. @ Sta. 435+10 Gore to
I.B. @ Sta. 439+40 Gore
New 8" White Edge Stripe w/
Type "C" Raised Pavement Markers
@ 20'-0" O.C.

H-2 I.B. to H-1 O.B. @ Sta. 502+49.89 to
H-2 I.B. to H-1 O.B. @ Sta. 527+00
New 6" White Stripe w/
Type "C" Raised Pavement Markers
@ 40'-0" O.C.

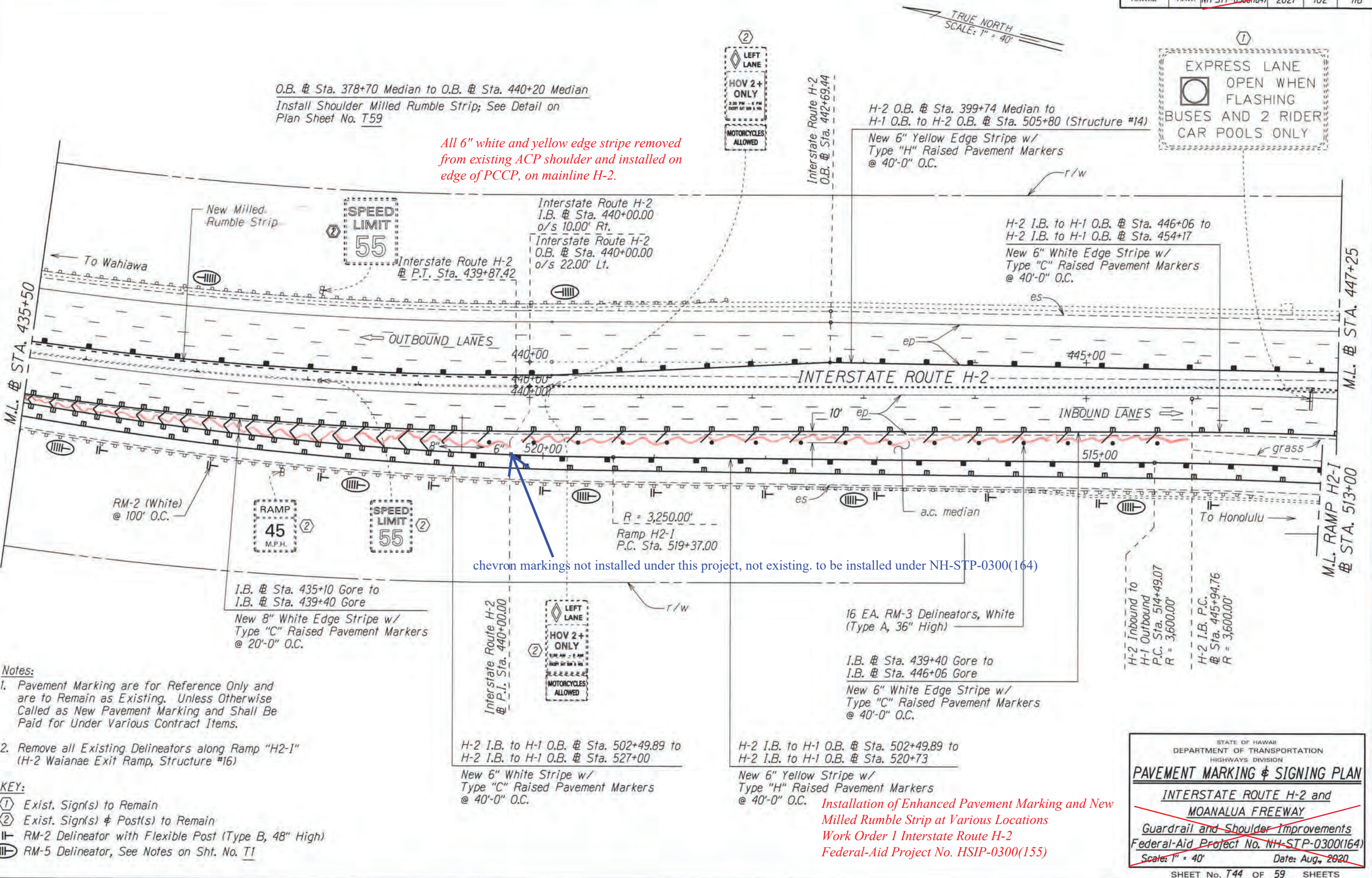
- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "H2-1" (H-2 Waianae Exit Ramp, Structure #16)
- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40' Date: Aug., 2020

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	102	118



All 6" white and yellow edge stripe removed from existing ACP shoulder and installed on edge of PCCP, on mainline H-2.

chevron markings not installed under this project, not existing. to be installed under NH-STP-0300(164)

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

DESIGNED BY	DATE
CHECKED BY	
NOTED BY	
QUANTITIES BY	
PLANT	
ORIGINAL	

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "H2-1" (H-2 Waianae Exit Ramp, Structure #16)
- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements

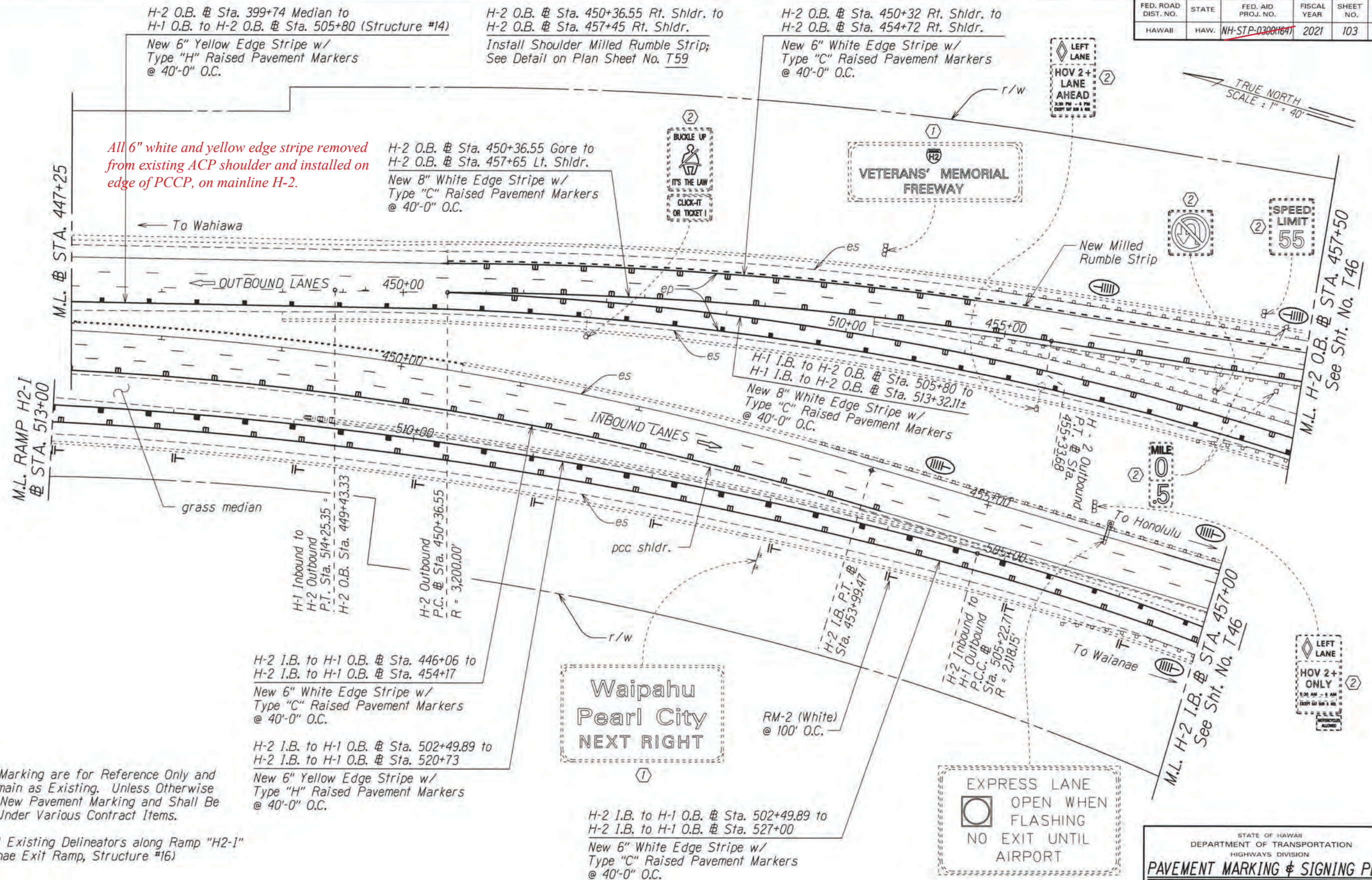
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. 744 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	103	118



Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PAVEMENT MARKING & SIGNING PLAN	
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY	
Guardrail and Shoulder Improvements	
Federal-Aid Project No. NH-STP-0300(164)	
Scale: 1" = 40'	Date: Aug. 2020
SHEET No. T45 OF 59 SHEETS	

"AS-BUILT"

103

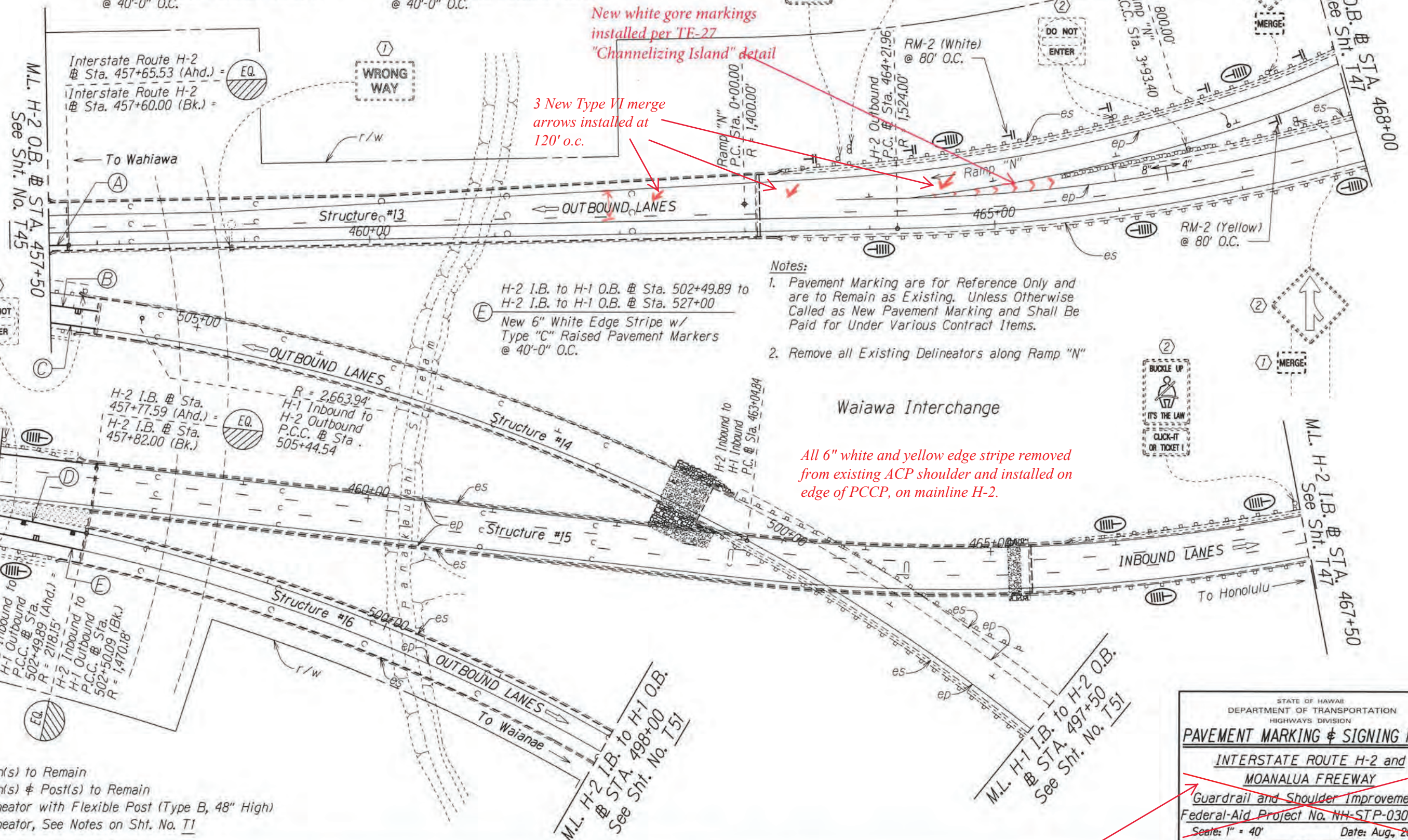
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	104	118

(A) H-2 O.B. @ Sta. 450+36.55 Gore to H-2 O.B. @ Sta. 457+65 Lt. Shldr.
New 8" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

(B) H-1 I.B. to H-2 O.B. @ Sta. 513+32.11± to H-1 I.B. to H-2 O.B. @ Sta. 513+01
New 6" White Edge Stripe w/ Type "C" Raised Pavement Markers @ 40'-0" O.C.

(C) H-2 O.B. @ Sta. 399+74 to H-1 I.B. to H-2 O.B. @ Sta. 505+80 (Structure #14)
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.

(D) H-2 I.B. to H-1 O.B. @ Sta. 502+49.89 to H-2 I.B. to H-1 O.B. @ Sta. 520+73
New 6" Yellow Edge Stripe w/ Type "H" Raised Pavement Markers @ 40'-0" O.C.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

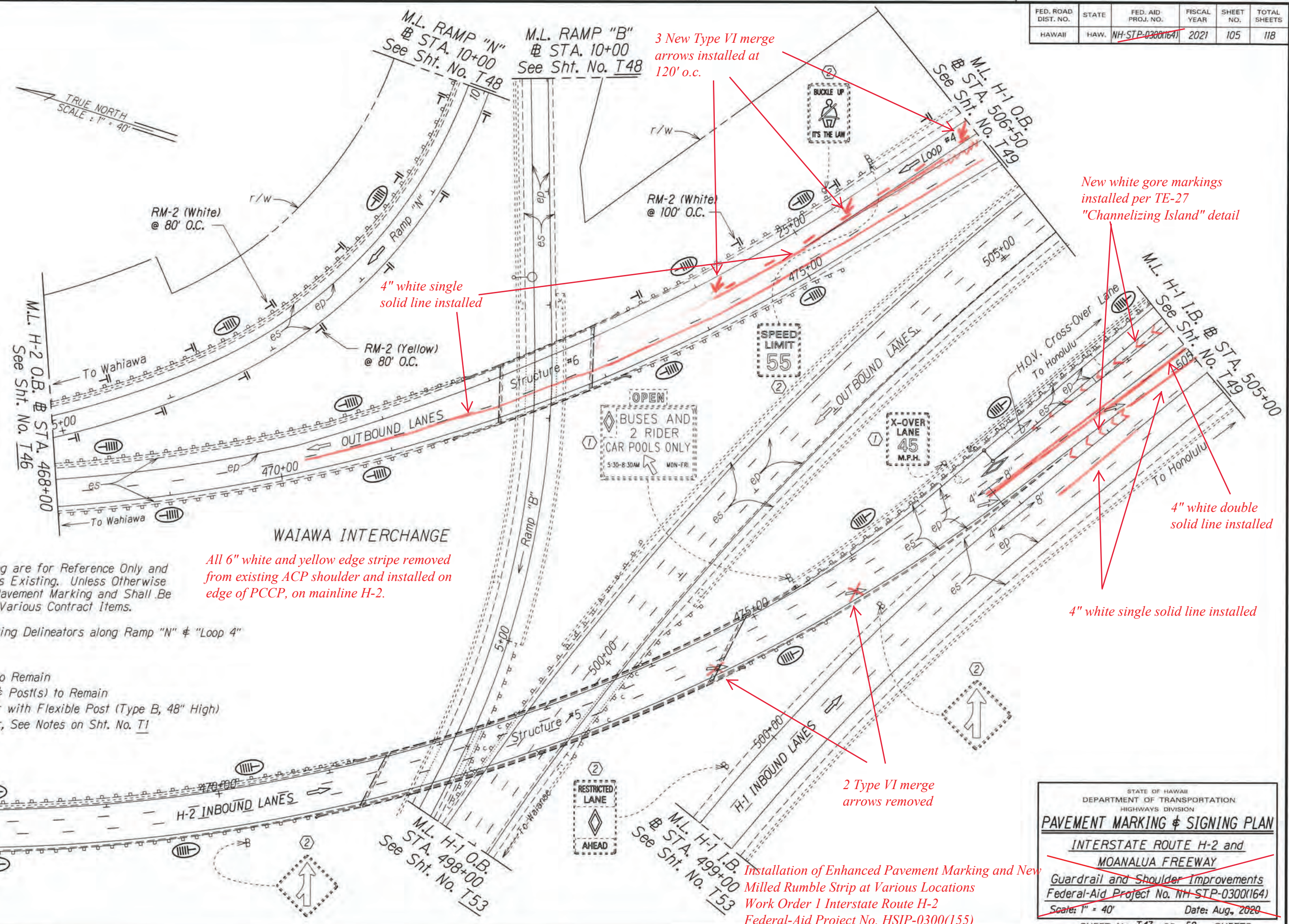
SHEET No. 746 OF 59 SHEETS

"AS-BUILT"

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations Work Order 1 Interstate Route H-2 Federal-Aid Project No. HSIP-0300(155)

104

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	105	118



- Notes:
1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 2. Remove all Existing Delineators along Ramp "N" & "Loop 4"

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

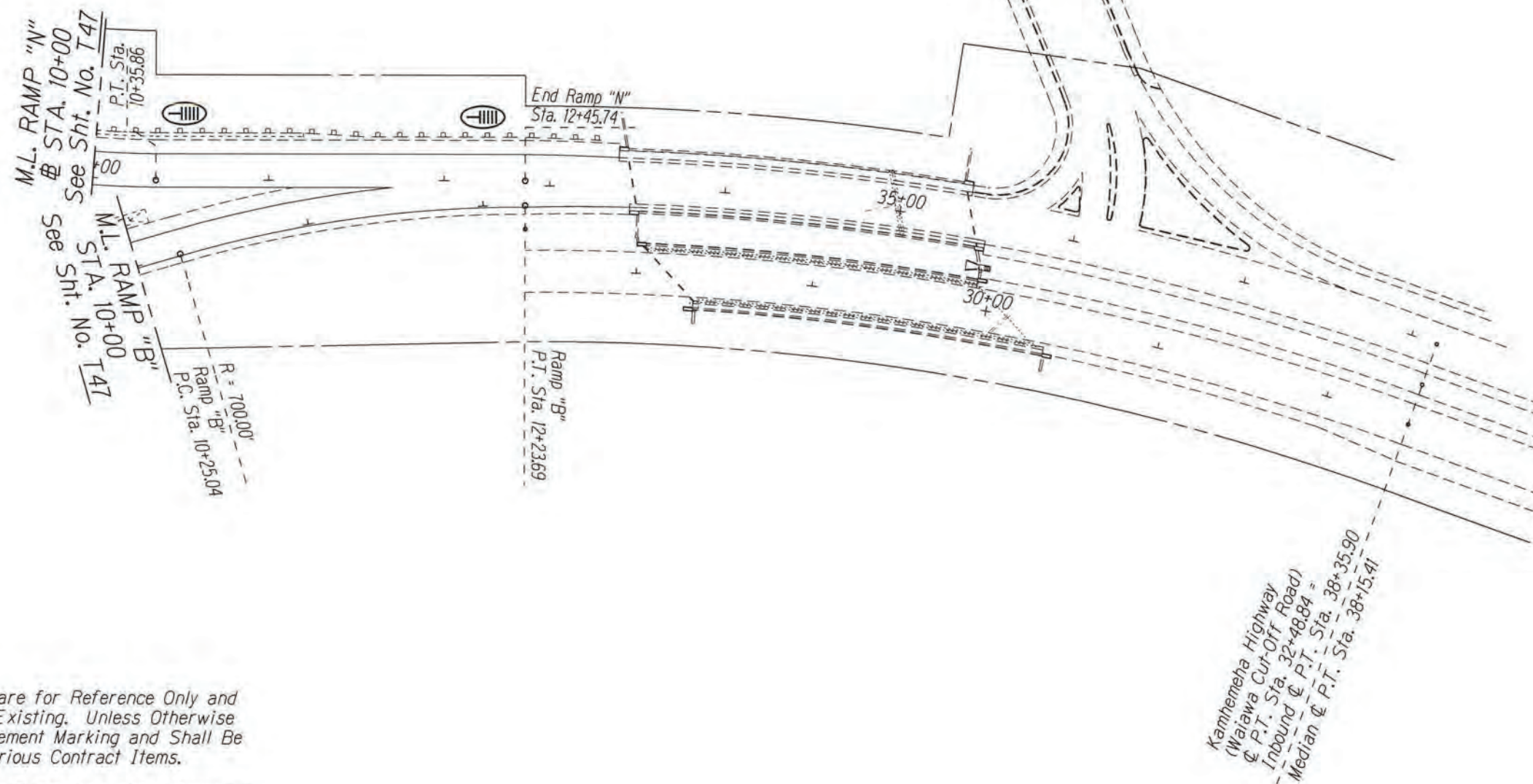
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T47 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	106	118



Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

- Notes:
- Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
 - Remove all Existing Delineators along Ramp "N"
- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - ⦶ RM-5 Delineator, See Notes on Sht. No. T1

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

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

~~Guardrail and Shoulder Improvements~~
~~Federal-Aid Project No. NH-STP-0300(164)~~
~~Scale: 1" = 40'~~ ~~Date: Aug, 2020~~

SHEET No. T48 OF 59 SHEETS

"AS-BUILT"

Notes:

1. Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.
2. Remove all Existing Delineators along "Loop 4"

New white gore markings installed per TE-27
"Channelizing Island" detail

4" white single solid line installed

2 New Type VI merge arrows installed at 120' o.c.

New yellow gore markings installed per TE-27
"Channelizing Island" detail

4" white double solid line installed

Amend to read: **HSIP-0300(155) WO1**

END WORK AREA 1
Project No. ~~NH-STP-0300(164)~~
H-1 O.B. @ Sta. 483+57.54 (H-2 I.B.)

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	107	118

SURVEY PLOTTED BY	DATE
DRAWN BY	
NOTED BY	
CHECKED BY	

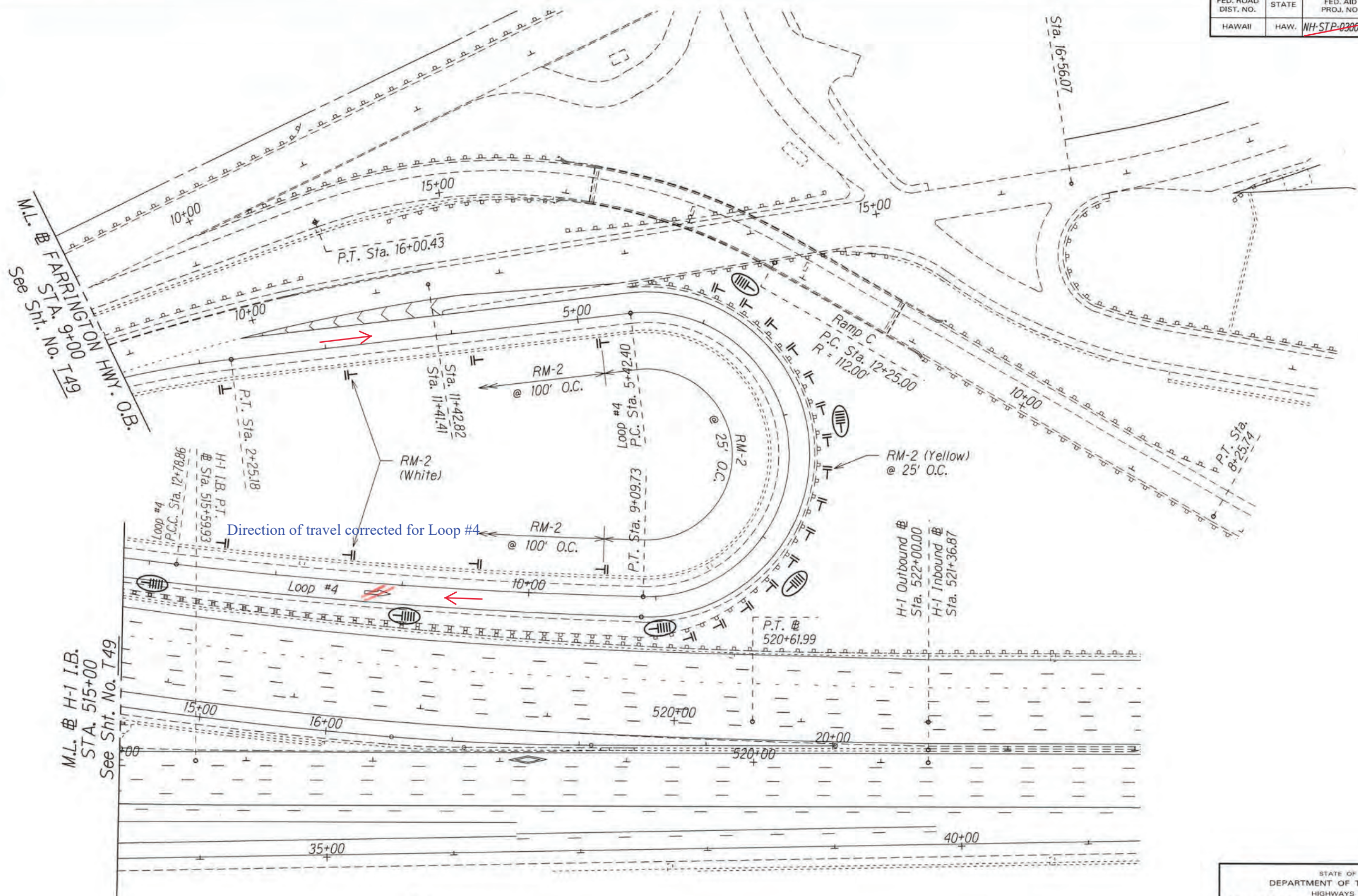
- KEY:**
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
PAVEMENT MARKING & SIGNING PLAN	
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY	
Guardrail and Shoulder Improvements	
Federal-Aid Project No. NH-STP-0300(164)	
Scale: 1" = 40'	Date: Aug, 2020
SHEET No. 749 OF 59 SHEETS	

"AS-BUILT"

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	108	118



SURVEY PLOTTED BY	DATE
DESIGNED BY	
NOTED BY	
CHECKED BY	

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

- Notes:
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 - Remove all Existing Delineators along "Loop 4"

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

~~Guardrail and Shoulder Improvements~~

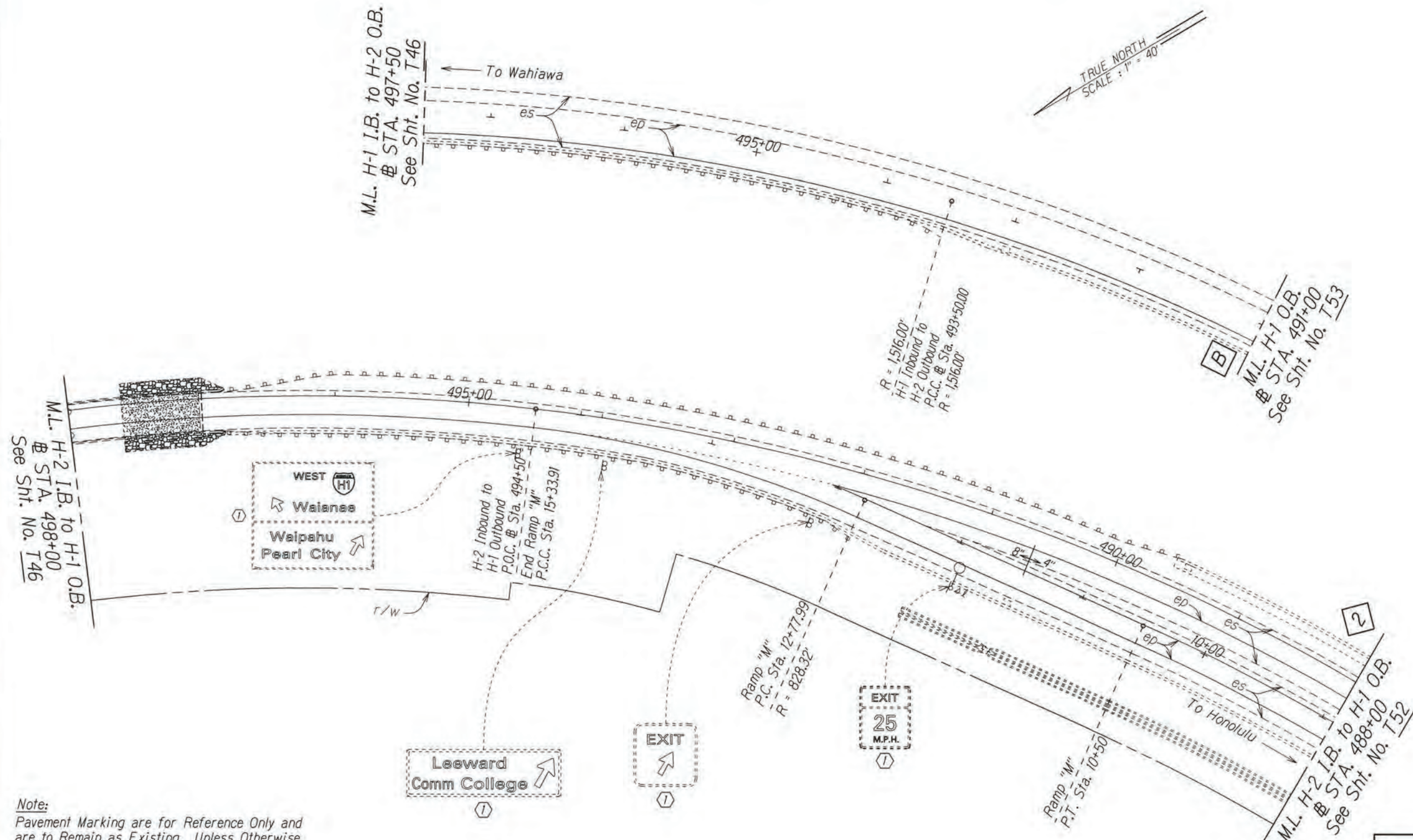
~~Federal-Aid Project No. NH-STP-0300(164)~~

Scale: 1" = 40' Date: Aug. 2020

SHEET No. T50 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	109	118



Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

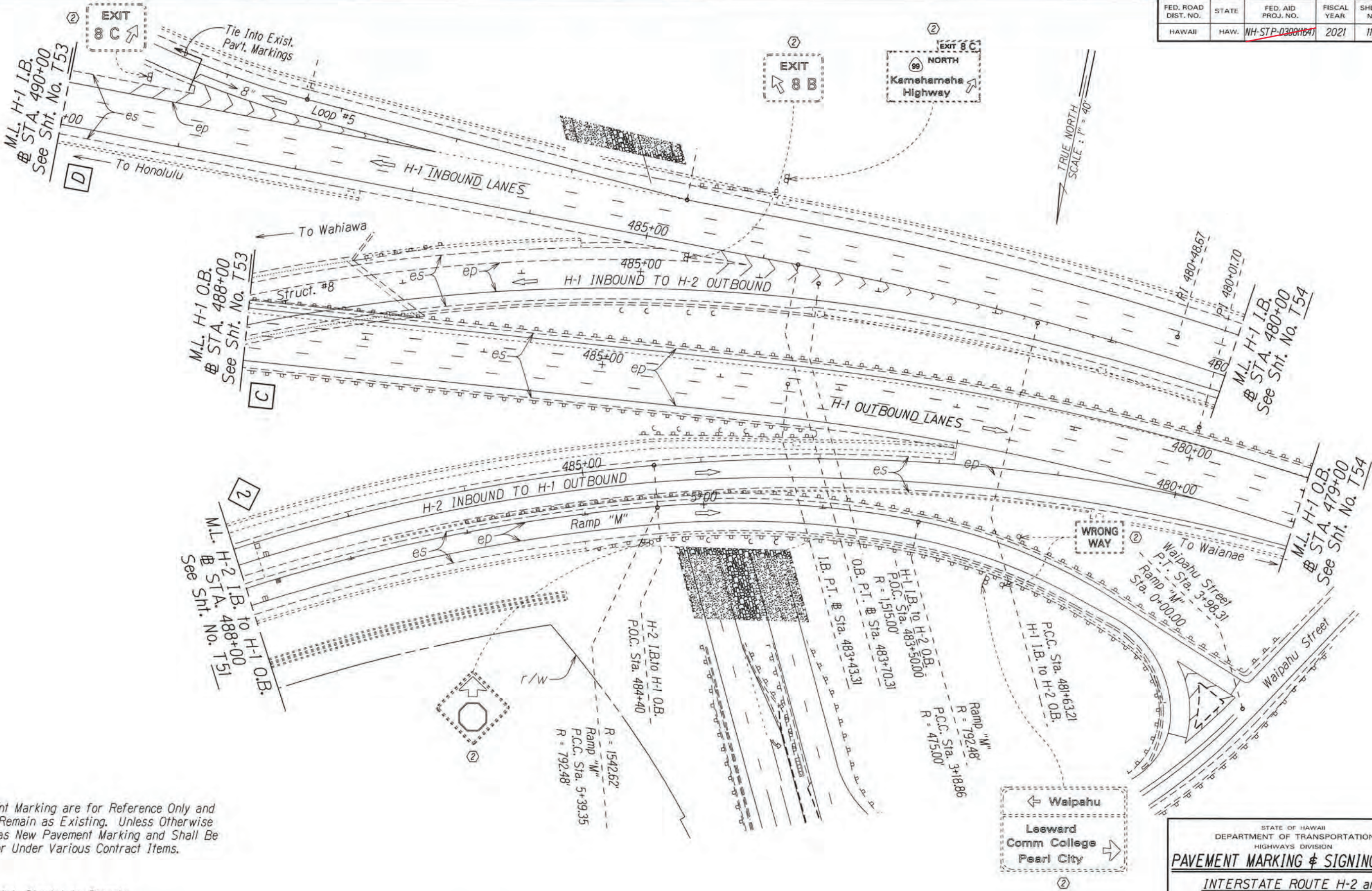
- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40' Date: Aug, 2020
SHEET No. T51 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	110	118



Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40' Date: Aug., 2020

SHEET No. T52 OF 59 SHEETS
110

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

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	111	118

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

Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - RM-2 Delineator with Flexible Post (Type B, 48" High)
 - RM-5 Delineator, See Notes on Sht. No. T1

Note:
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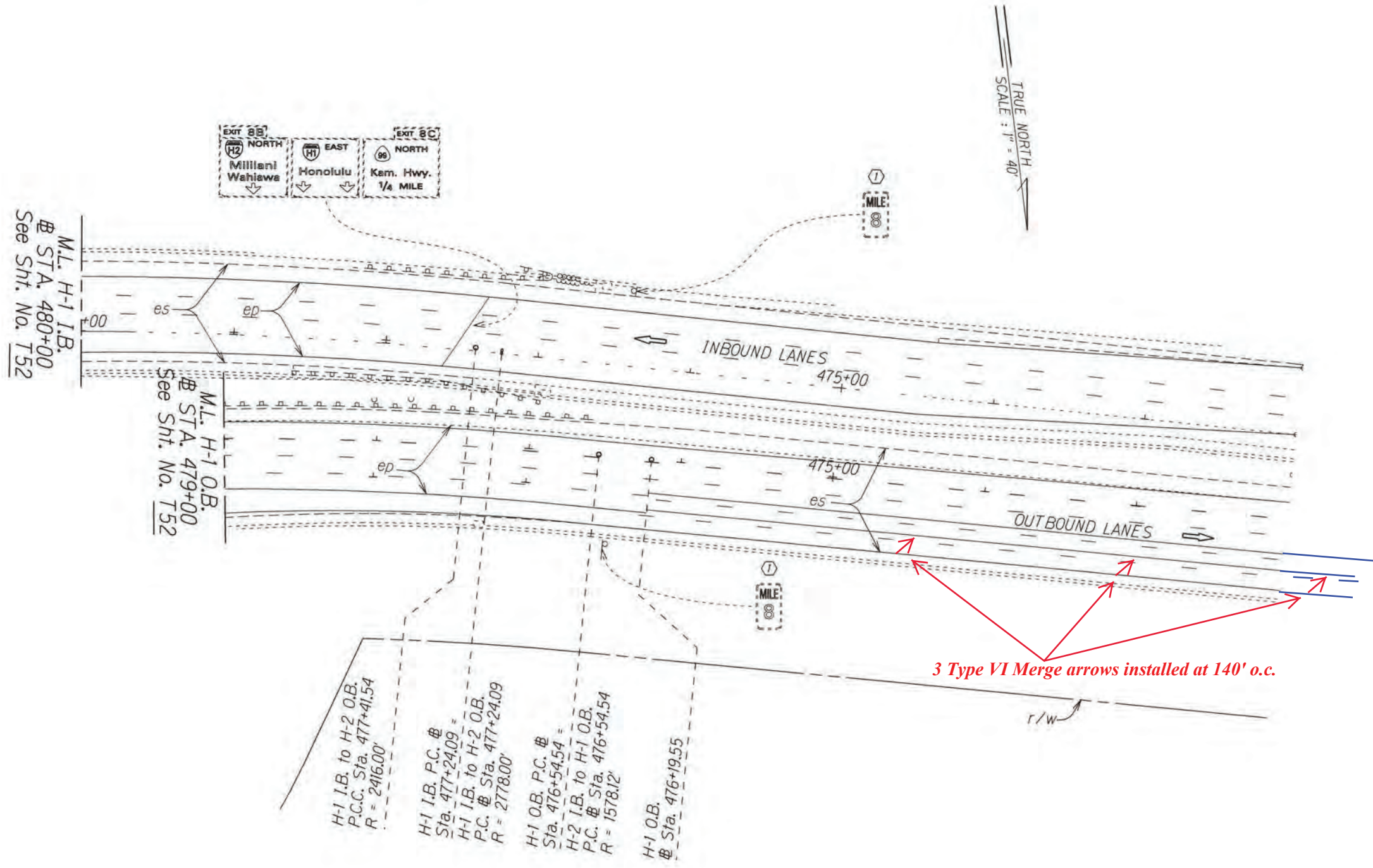
Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)
Scale: 1" = 40'
Date: Aug, 2020

SHEET No. 753 OF 59 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	112	118



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Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements

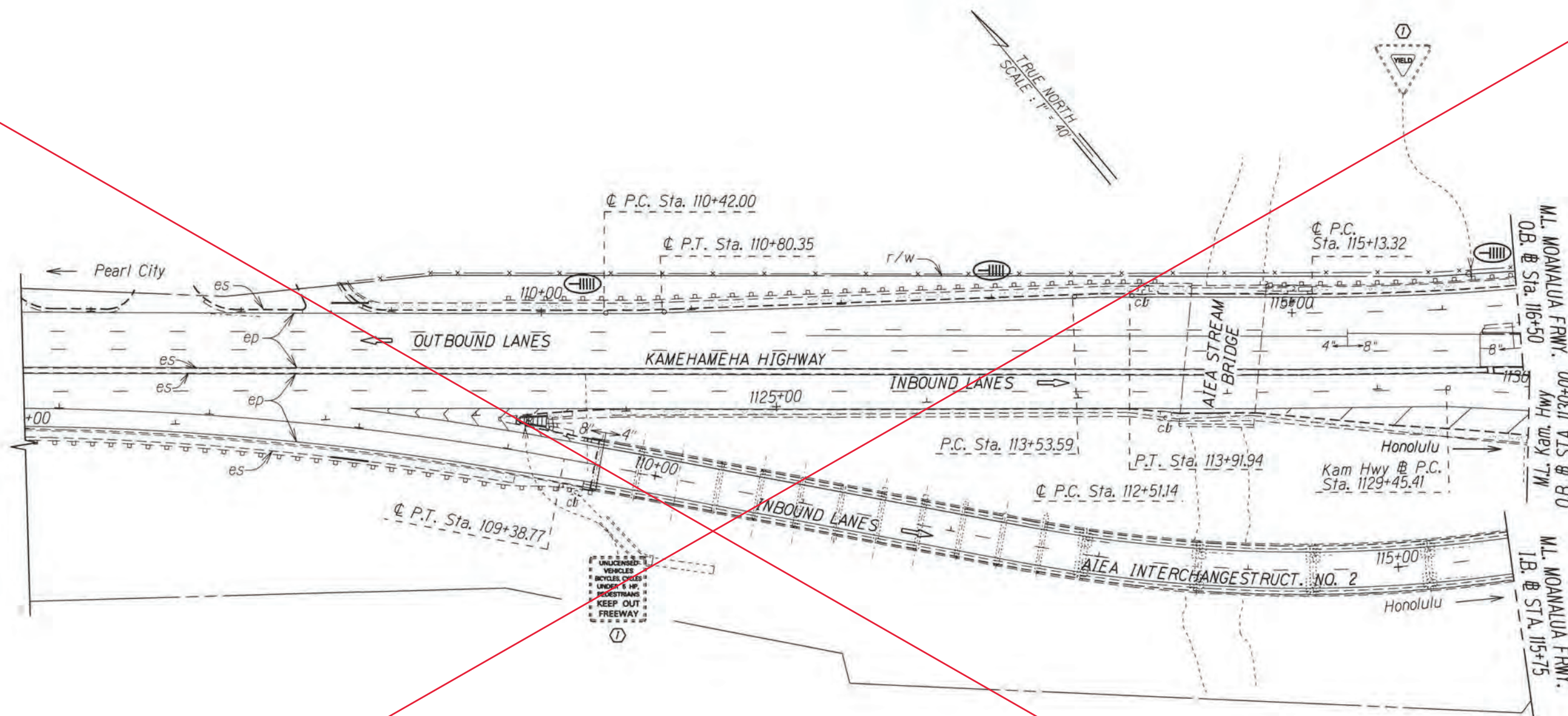
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

SHEET No. T54 OF 59 SHEETS

Delete sheet, no work occurred on Moanalua Freeway

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	113	118



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Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug. 2020

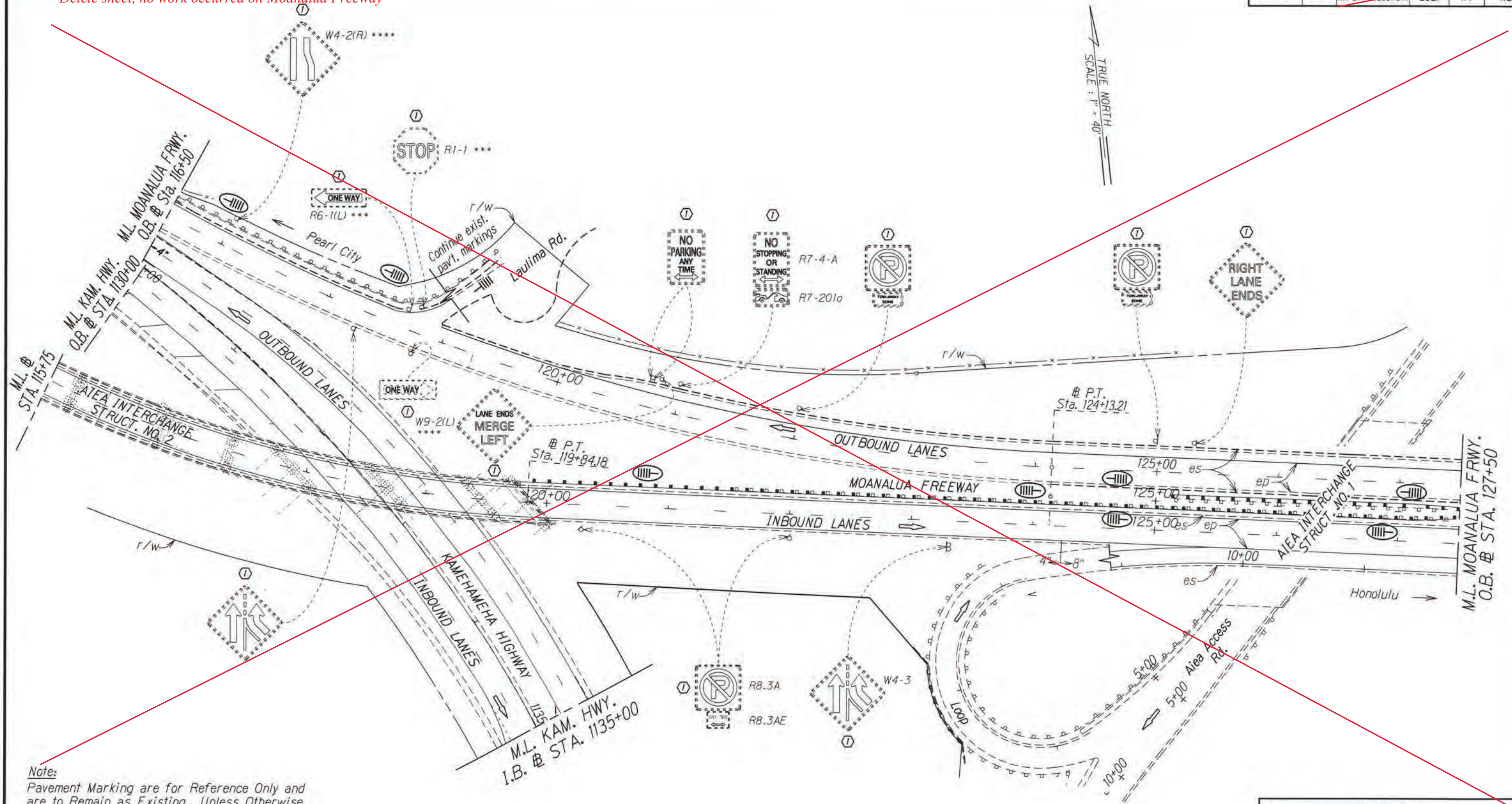
SHEET No. T55 OF 59 SHEETS

"AS-BUILT"

113

Delete sheet, no work occurred on Moanalua Freeway

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	114	118



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Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

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Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

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

Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

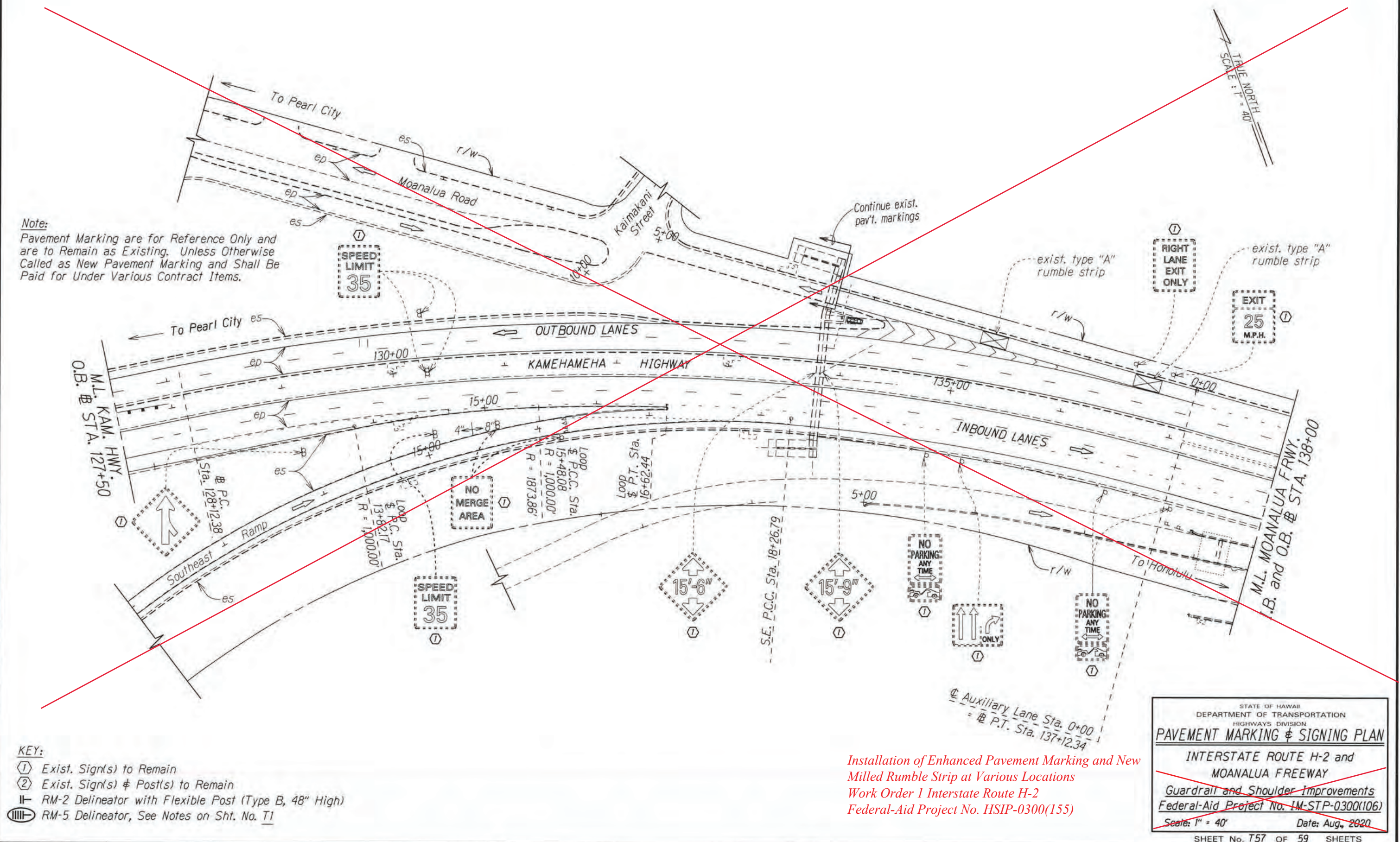
Scale: 1" = 40' Date: Aug., 2020

SHEET No. 756 OF 59 SHEETS

"AS-BUILT"

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(155)	2021	115	118

Delete sheet, no work occurred on Moanalua Freeway

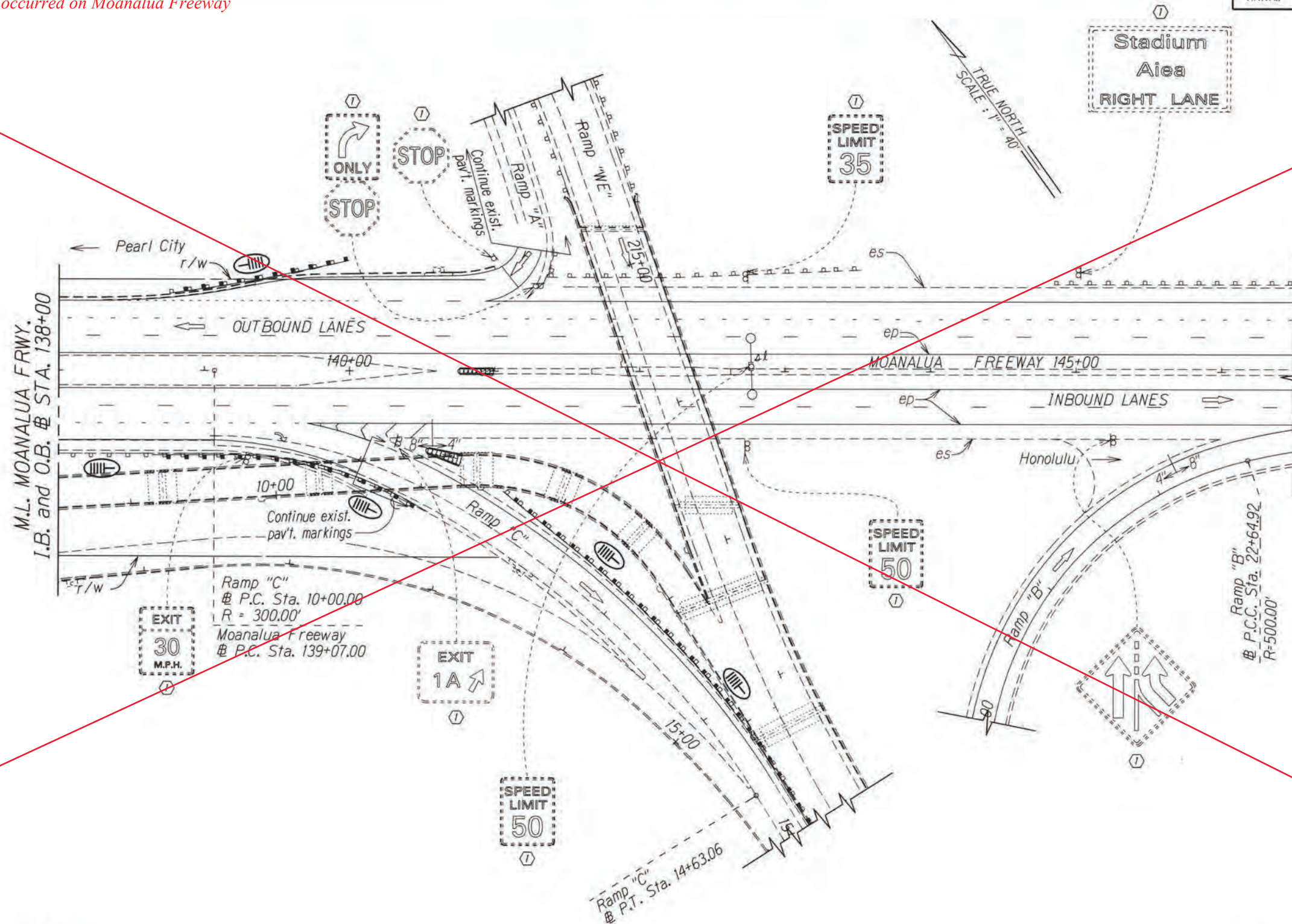


Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

"AS-BUILT"

Delete sheet, no work occurred on Moanalua Freeway

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	116	118



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- RM-5 Delineator, See Notes on Sht. No. T1

Installation of Enhanced Pavement Marking and New Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

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

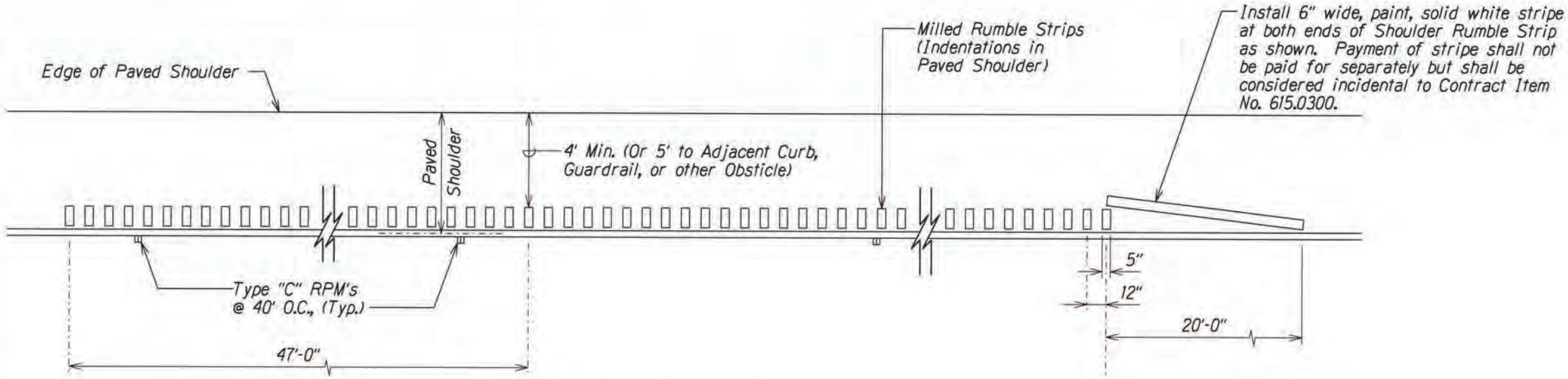
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40' Date: Aug., 2020

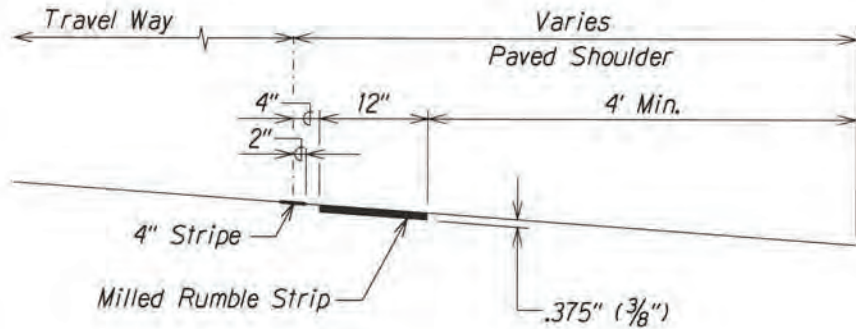
SHEET No. 758 OF 59 SHEETS

"AS-BUILT"

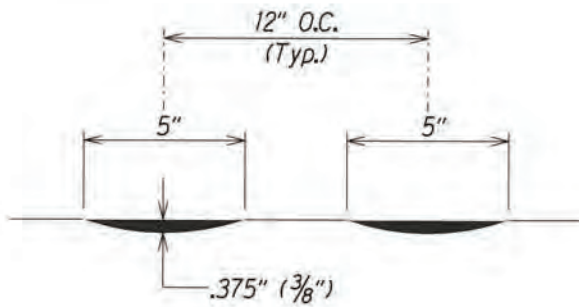
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-STP-0300(164)	2021	117	118



PLAN - MILLED RUMBLE STRIP
Not to Scale

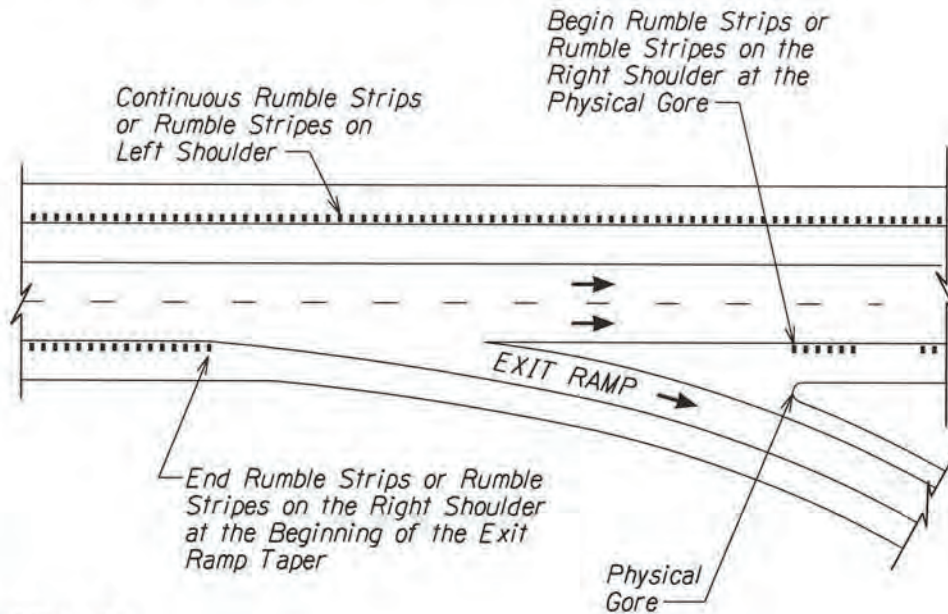
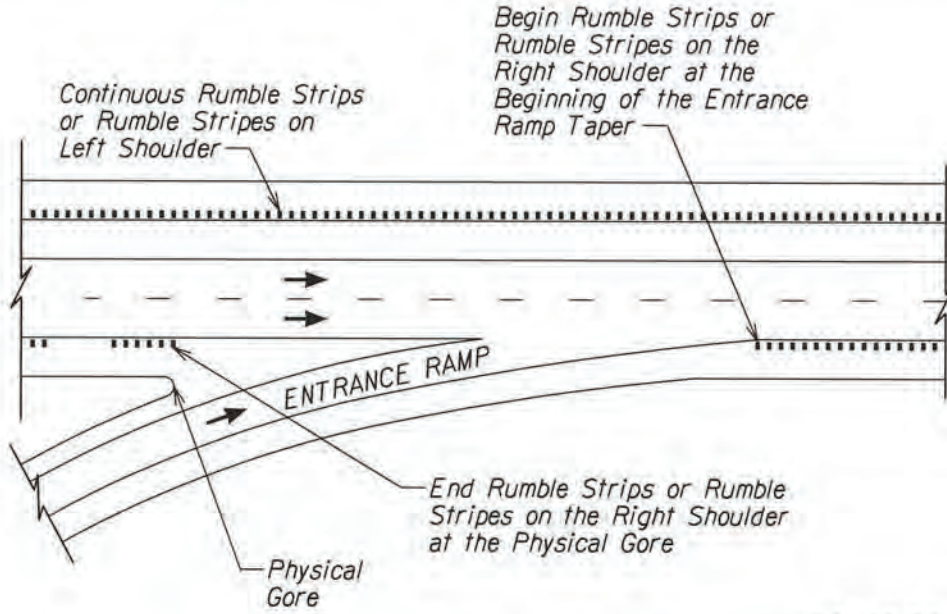


LONGITUDINAL SECTION - MILLED RUMBLE STRIP
Not to Scale



CROSS SECTION - MILLED RUMBLE STRIP
Not to Scale

- NOTES:
1. The Method of Constructing the Modified Edgeline Milled Rumble Strip shall be Submitted to the Engineer for Acceptance Prior to the Actual Work.
 2. Dimensions Shown are Approximate. Adjust Rumble Strip Spacing to Coordinate with Pavement Marking Prior to Installation.
 3. The Construction of the Shoulder Milled Rumble Strip and shall be Paid for Under Item No. 615.0300 - 12-Inch Milled Rumble Strip, Shoulder.
 4. The Milling Apparatus will not be Paid for Separately and Shall be Considered Incidental to Item 615.0300 - 12-Inch Milled Rumble Strip, Shoulder.
 5. Do not Install Shoulder Rumble Strips on Bridge Decks.
 6. Where At-Grade Bridges are Present, Rumble Strips Shall End/Begin 20 L.F. Beyond the Existing Bridge Deck Joints/Concrete Approach Slab.
 7. Where Median Concrete Barrier are Prevent, Do Not Install Rumble Strips where Shoulder is 4 Feet or Less.



DIVIDED HIGHWAY
Not to Scale

Installation of Enhanced Pavement Marking and New
Milled Rumble Strip at Various Locations
Work Order 1 Interstate Route H-2
Federal-Aid Project No. HSIP-0300(155)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SHOULDER MILLED RUMBLE STRIP DETAIL
FOR INTERSTATES AND FREEWAYS

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. NH-STP-0300(164)

Scale: 1" = 40'
Date: Aug., 2020