

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	135	193

LEGEND

-
- 4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 40'-0" o.c.

4 each Type J Raised Pavement Markers
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))

4" 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
4 each Type A Raised Pavement Markers
Type C Raised Pavement Markers @ 20'-0" o.c.
4" White Stripe (Tape, Type I or Thermoplastic Extrusion)

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

4" 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)

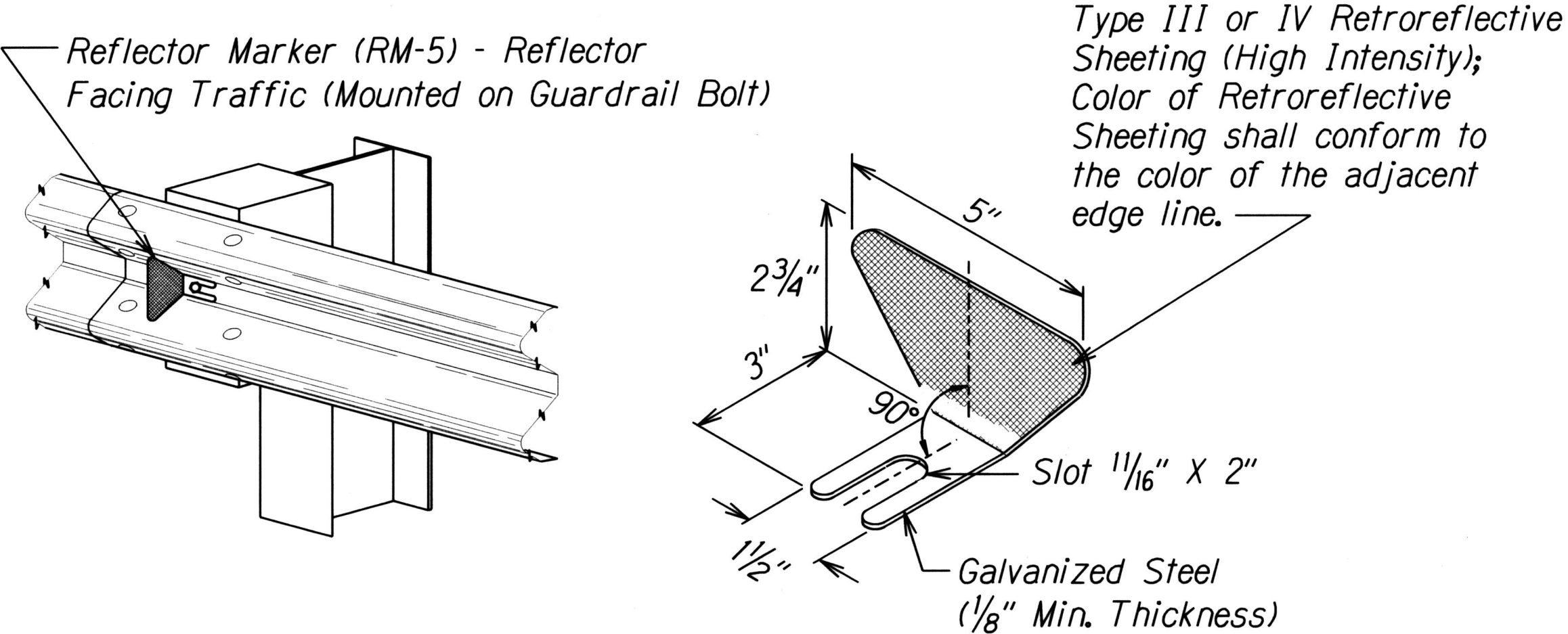
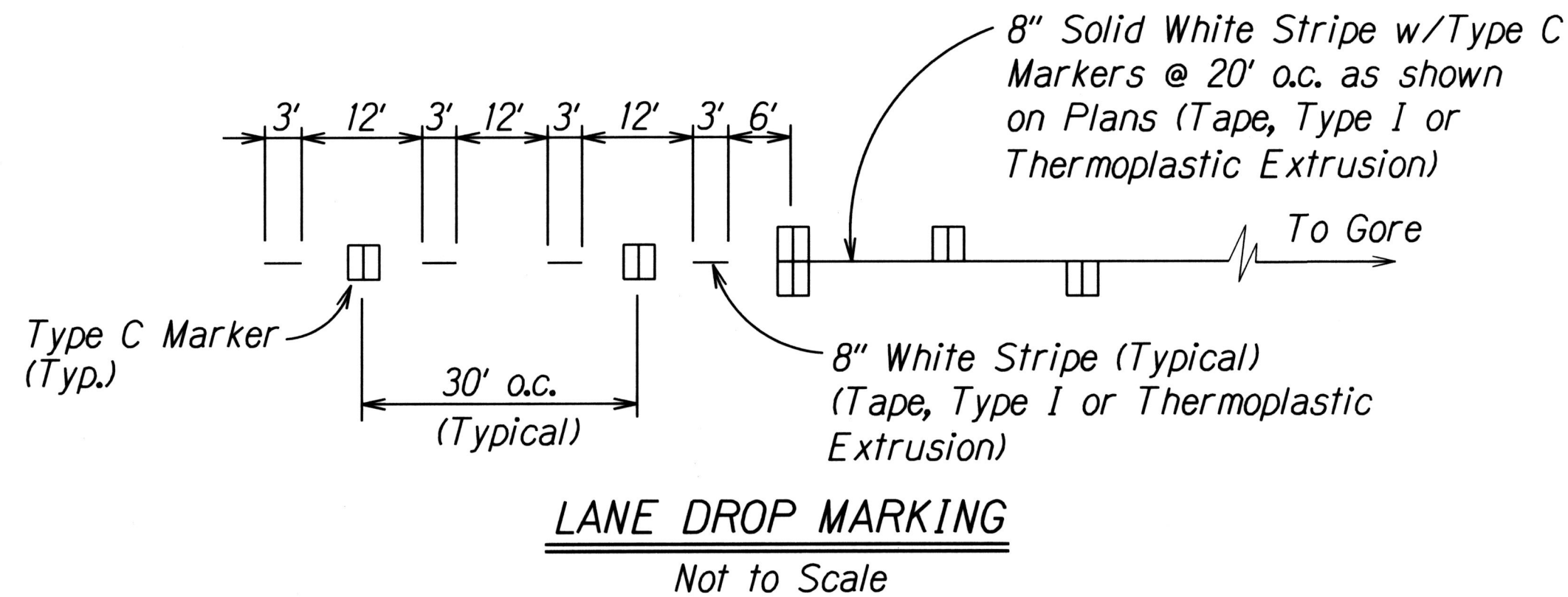
4 Each Type J Raised Pavement Markers
Type D Raised Pavement Markers @ 40'-0" o.c.
Type H Raised Pavement Markers (Reflective Surface facing no-passing direction)
4" Single Solid Yellow Stripe (Tape, Type I or Thermoplastic Extrusion)

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)

Reflector Marker (RM-5) Mounted on New and Existing Metal Guardrail

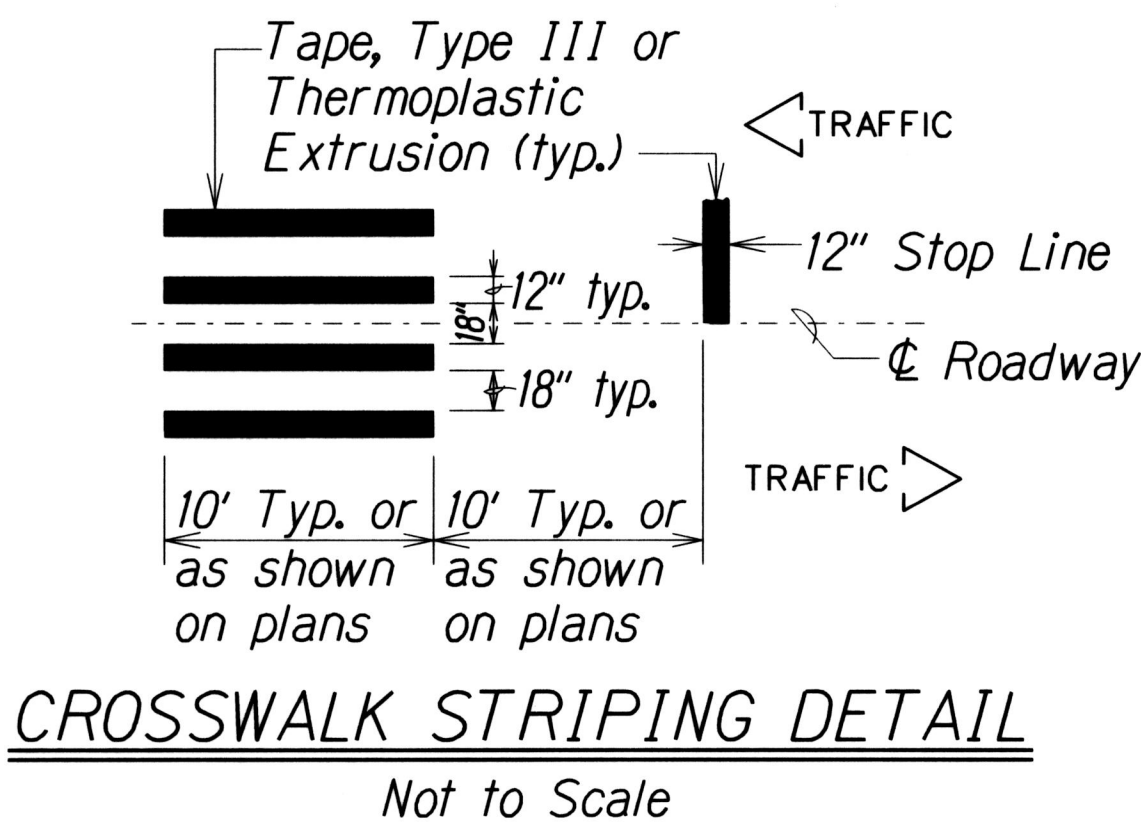
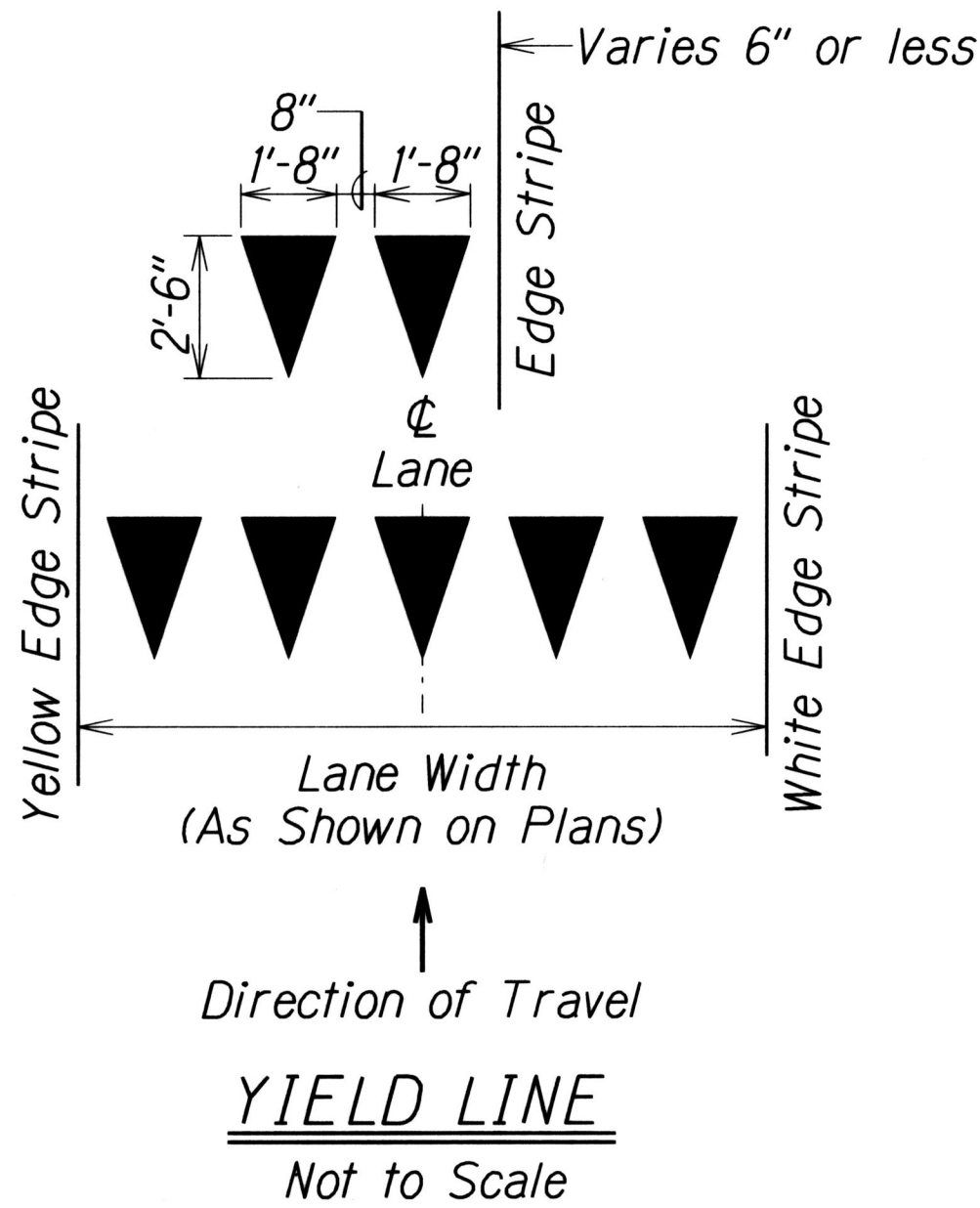
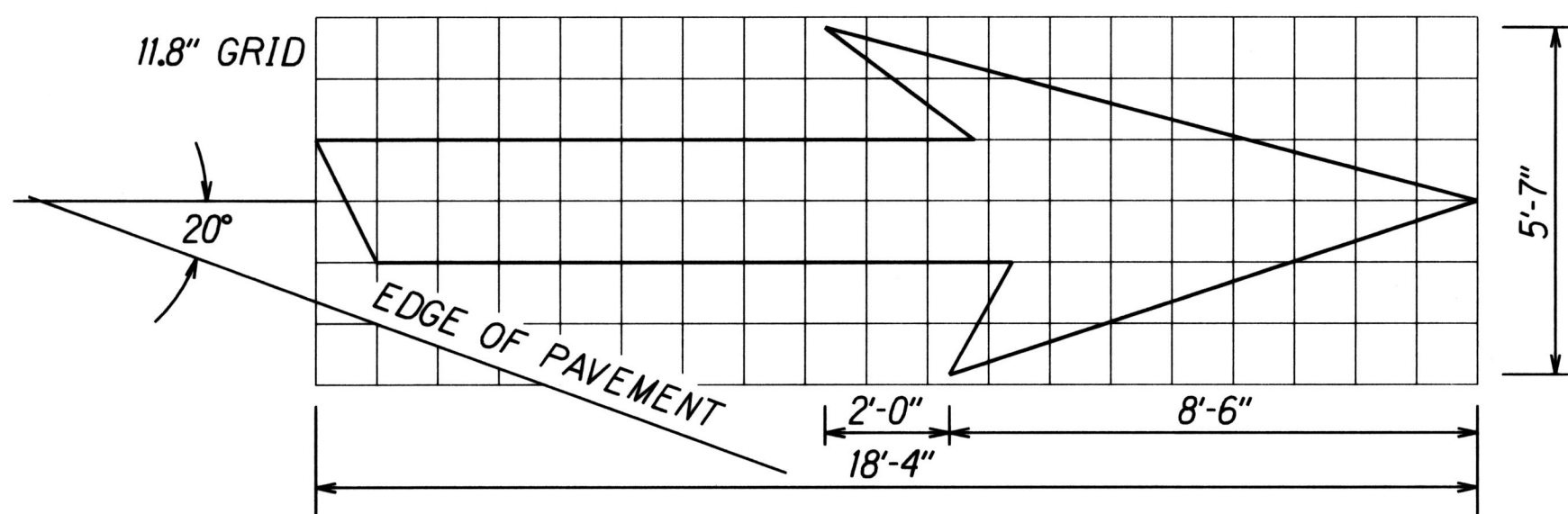
NOTES

- 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 retroflective background with a legend and border.

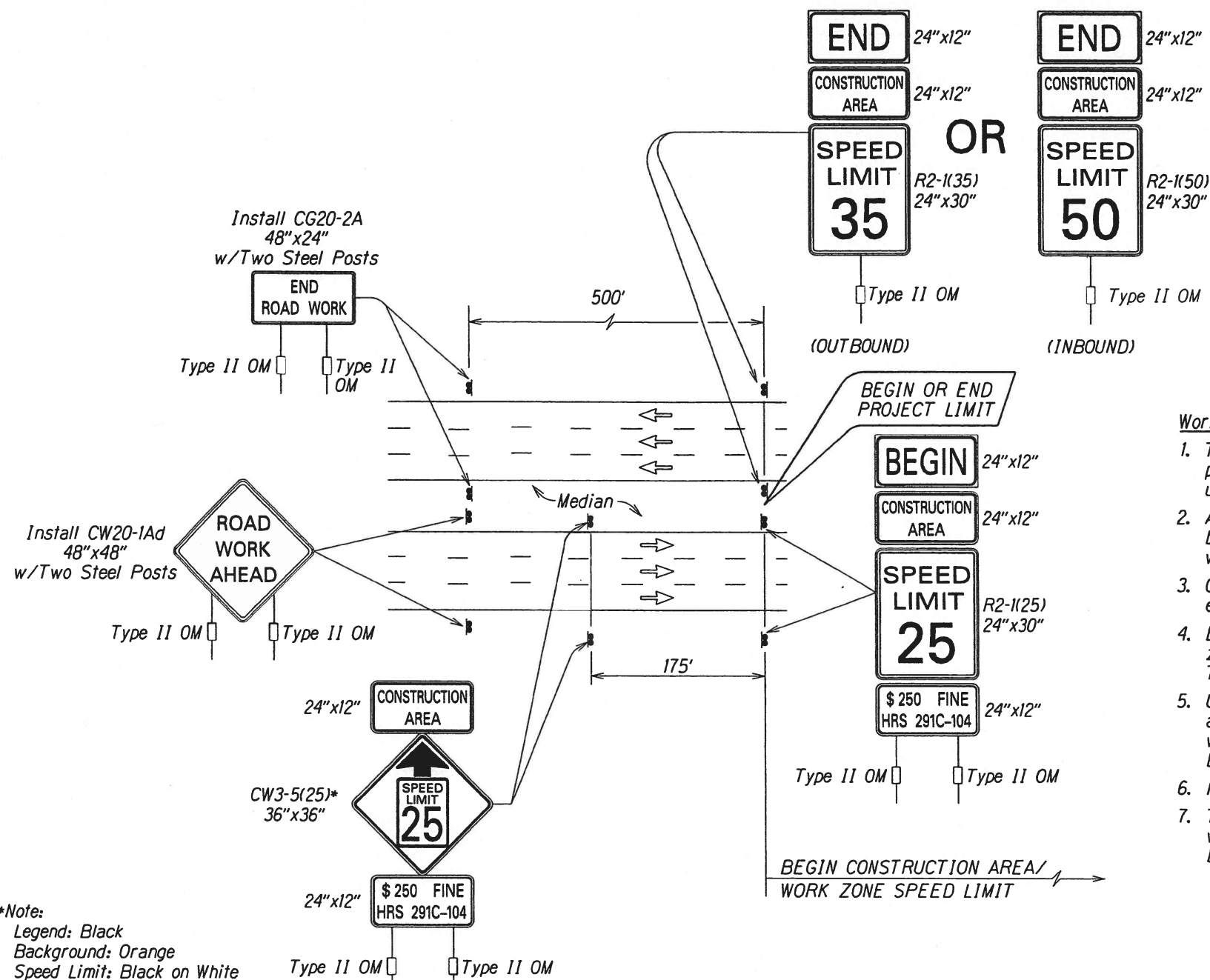


REFLECTOR MARKER (RM-5) DETAIL AND TYPICAL INSTALLATION

Note:
Reflector Markers (RM-5) mounted on guardrails shall be spaced every 25 feet. RM-5's shall not be installed on Terminal Sections. Furnishing and installing of each RM-5 shall be paid for under Contract Item No. 632.4200 - Reflector Marker (RM-5) mounted on new and existing guardrail. The Contractor shall be responsible for mounting RM-5's on all new and existing metal guardrails even when not shown on plans.



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. IM-STP-0300(106)	
Scale: As Noted	Date: July, 2017
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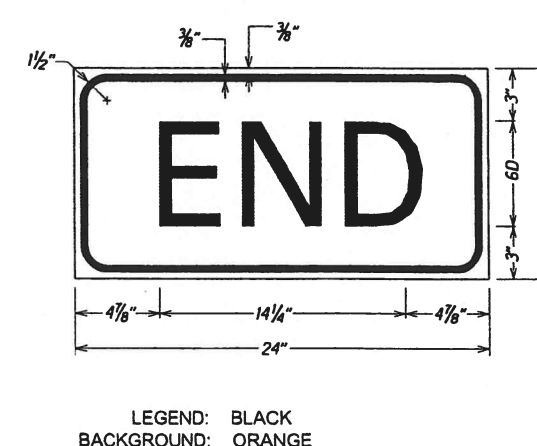
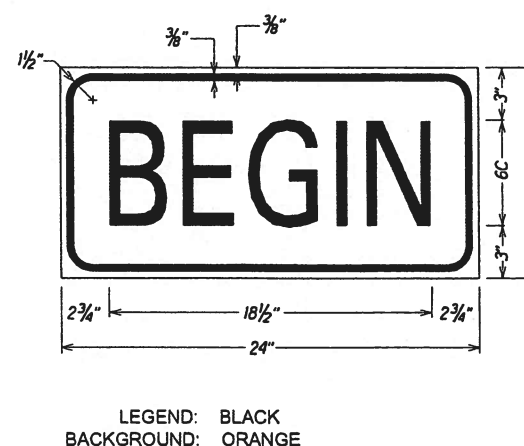
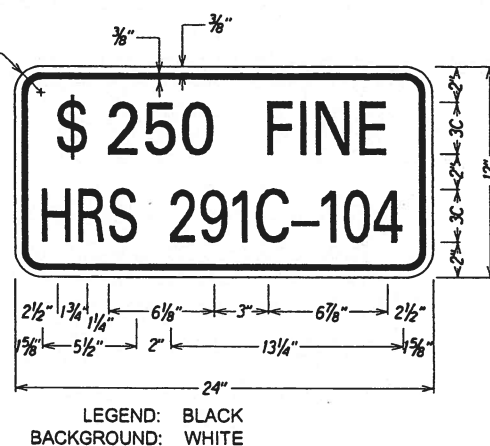
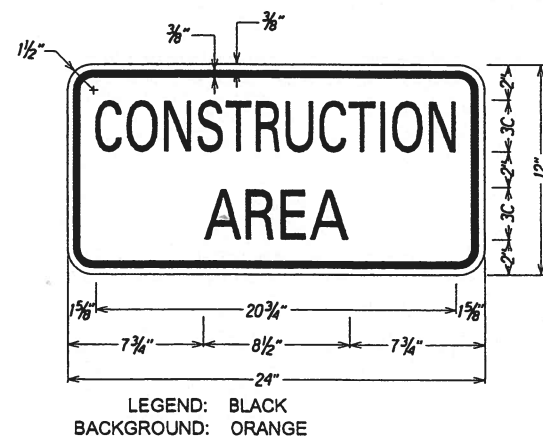


Work Zone Note:

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 Signs).
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.

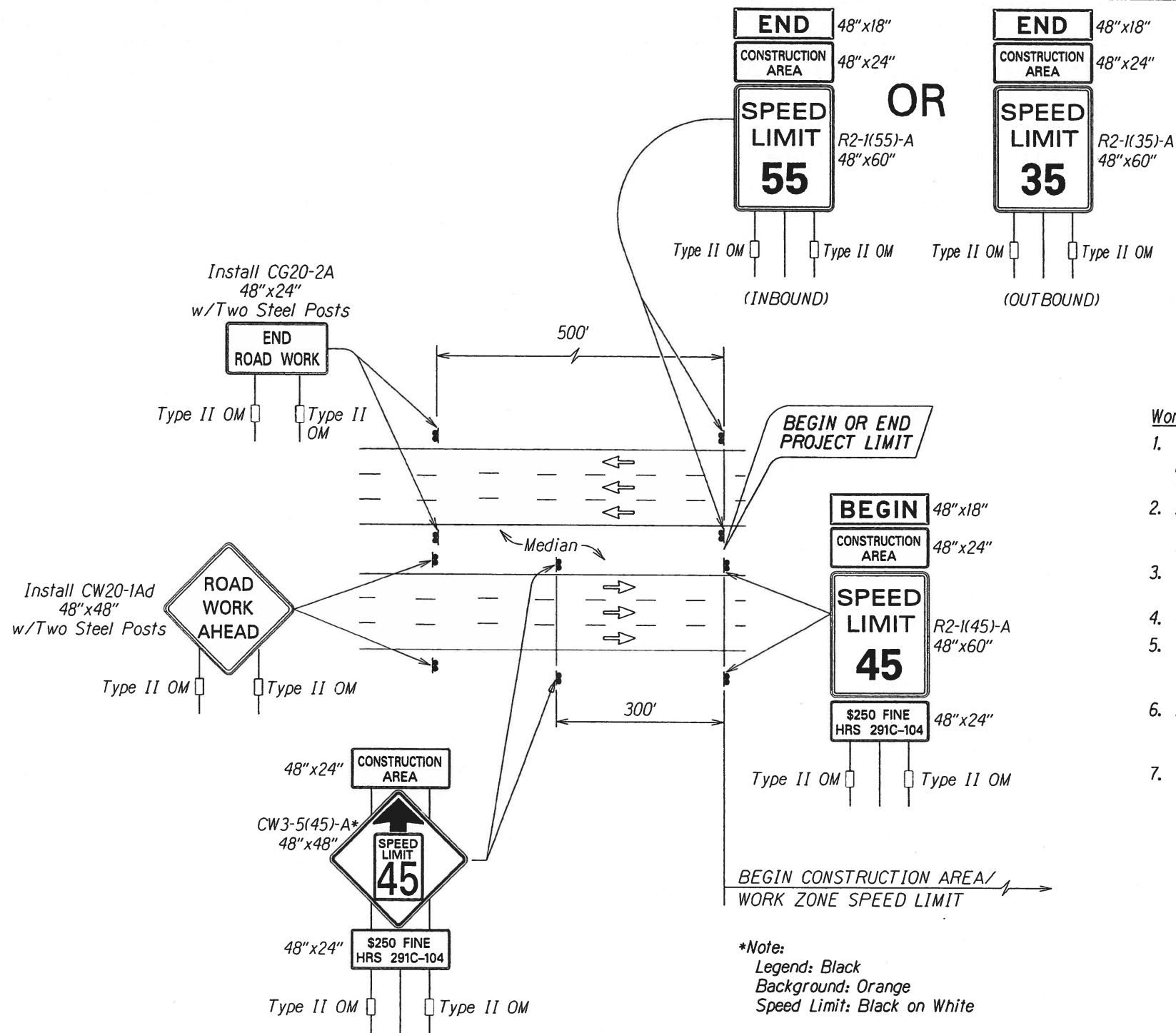
*Note:
Legend: Black
Background: Orange
Speed Limit: Black on White

**TYPICAL DETAIL FOR CONSTRUCTION SIGNS
ON MULTILANE DIVIDED LOW SPEED HIGHWAY**



3/2/18	Revised Plan Detail and Added Sign.
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
LOW SPEED DIVIDED HIGHWAY	
WORK ZONE SIGNING PLAN, NOTES & DETAILS	
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY	
Guardrail and Shoulder Improvements	
Federal-Aid Project No. IM-STP-0300(106)	
Scale: Not to Scale	Date: March, 2018
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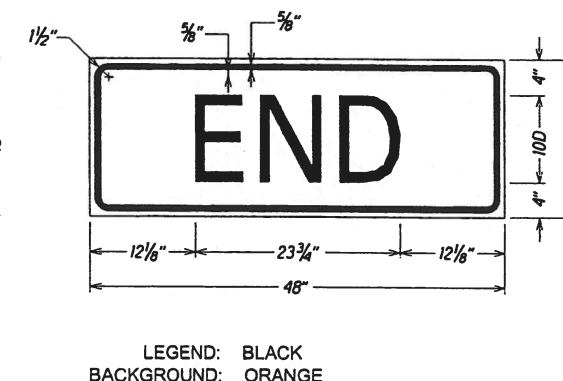
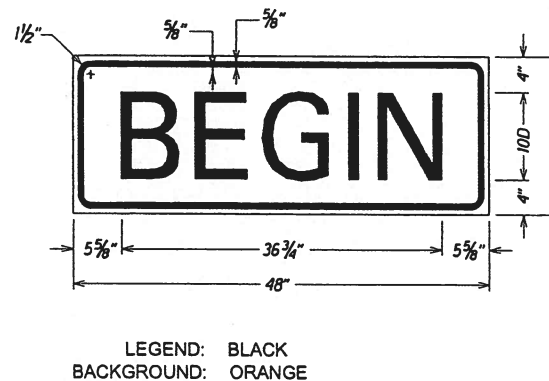
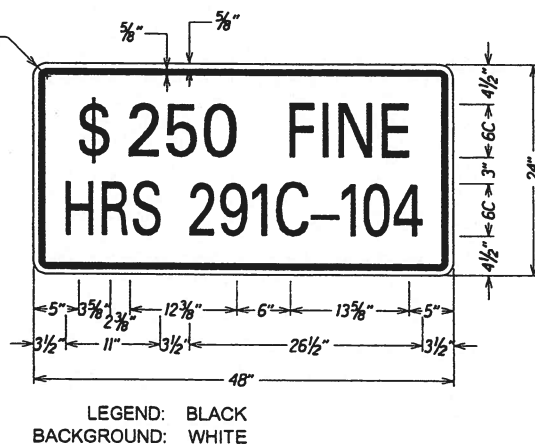
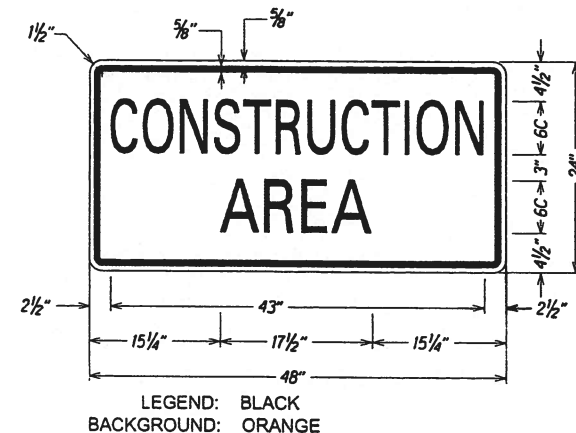
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	C.O. 137	193



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 Signs) 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.

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



3/2/18	Revised Plan Detail and Added Sign.
DATE	REVISION
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. 1M-STP-0300(106)	
Scale: Not to Scale	Date: March, 2018
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CONSTRUCTION PHASE NOTES

1. Relocation and/or removal of temporary signs, posts, Inertial Barrier Systems and portable concrete barriers used for Construction Phase shall be considered incidental to various contract items.
2. All temporary signs and delineators for the purposes of Construction Phase shall become the property of the Contractor at the completion of the project.
3. The Contractor shall delete the use of the ground anchorage steel pin for State Furnished Portable Concrete Barrier.
4. Portable concrete barrier panels not in use during construction work shall not be stockpiled or otherwise stored within the highway rights-of-way except at locations approved by the Engineer.
5. The Contractor shall periodically wash down signs, delineators and portable concrete barriers called for in the Construction Phase Plans as deemed necessary by the Engineer. This work shall be considered incidental to the various contract items and no payment will be made therefore.

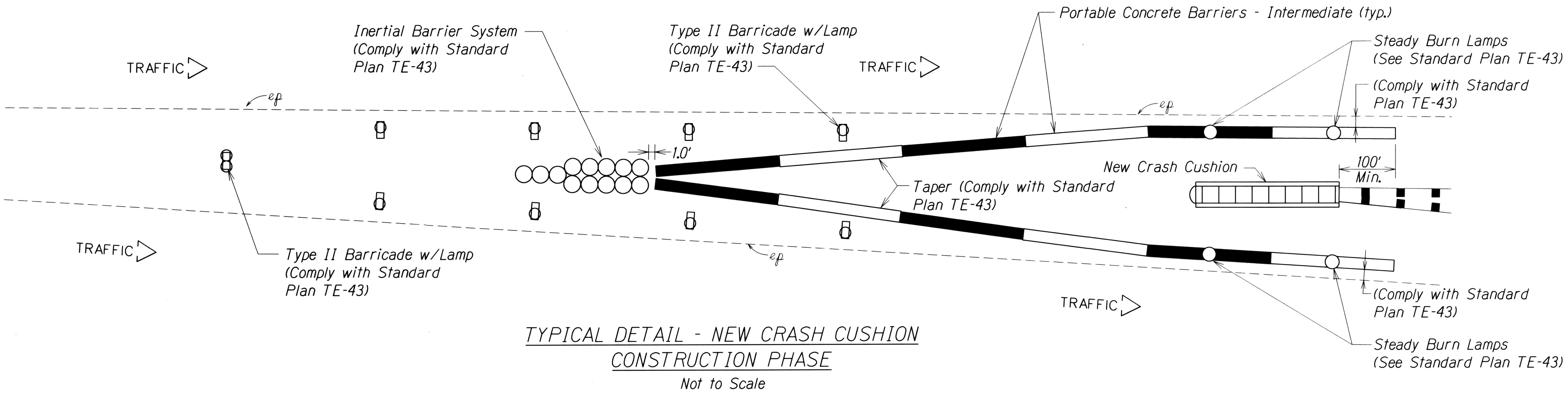
CONSTRUCTION PHASE NOTES (CONT.)

6. The location of pavement markings and signs, delineators and portable concrete guardrail panels used in the Construction Phase shall be as shown on the plans and/or as determined in the field by the Engineer.
7. Damage to signs, temporary pavement markers, delineators, barricades, Inertial Barrier Systems and portable concrete barriers caused by the public shall be repaired or replaced by the Contractor as directed by the Engineer. This work shall be paid for under Item No. 645.0200 - Police Officers and/or Additional Traffic Control Devices. Damage caused by the Contractor's negligence shall be repaired or replaced at the Contractor's expense.
8. Work required in the State's Construction Phase Plans will be paid under applicable contract items or as otherwise specified herein. All other traffic control work shall be in accordance with Section 645 - Traffic Control. Work required for lane closures during the working day will not be paid for but shall be considered incidental to various contract items. Advance Construction Warning Signs as required under Section 645 of the Special Provisions shall be installed on all approaches to construction areas including on-ramps. This work shall be considered incidental to the various contract items.

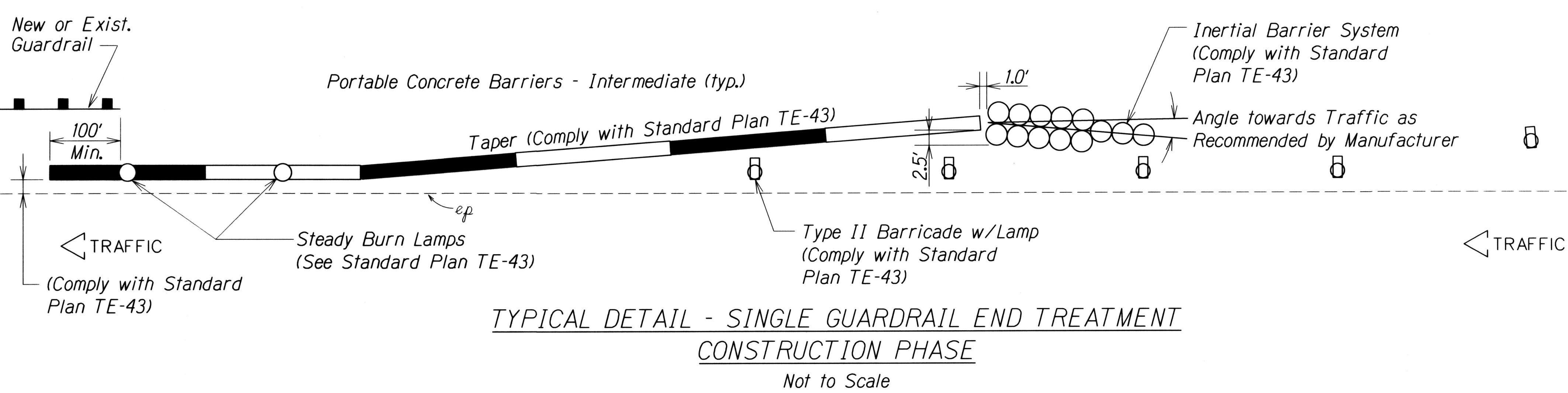
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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CONSTRUCTION PHASE NOTES (CONT.)

9. Install Steady Burn Amber Lamps on portable concrete barrier @ 20.0' o.c. Installing, maintaining and changing batteries of the Portable Mounted Steady Burn Amber Lamps shall be considered incidental to the various contract items and no payment will be made therefore.
10. The Type II Barricades with steady burn amber lamp used during Construction Phase shall be considered incidental to the various contract items.
11. The Contractor shall schedule their work such that there are no more than four (4) individual work zones occurring at the same time or as indicated by the contract.



TYPICAL DETAIL - NEW CRASH CUSHION
CONSTRUCTION PHASE
Not to Scale

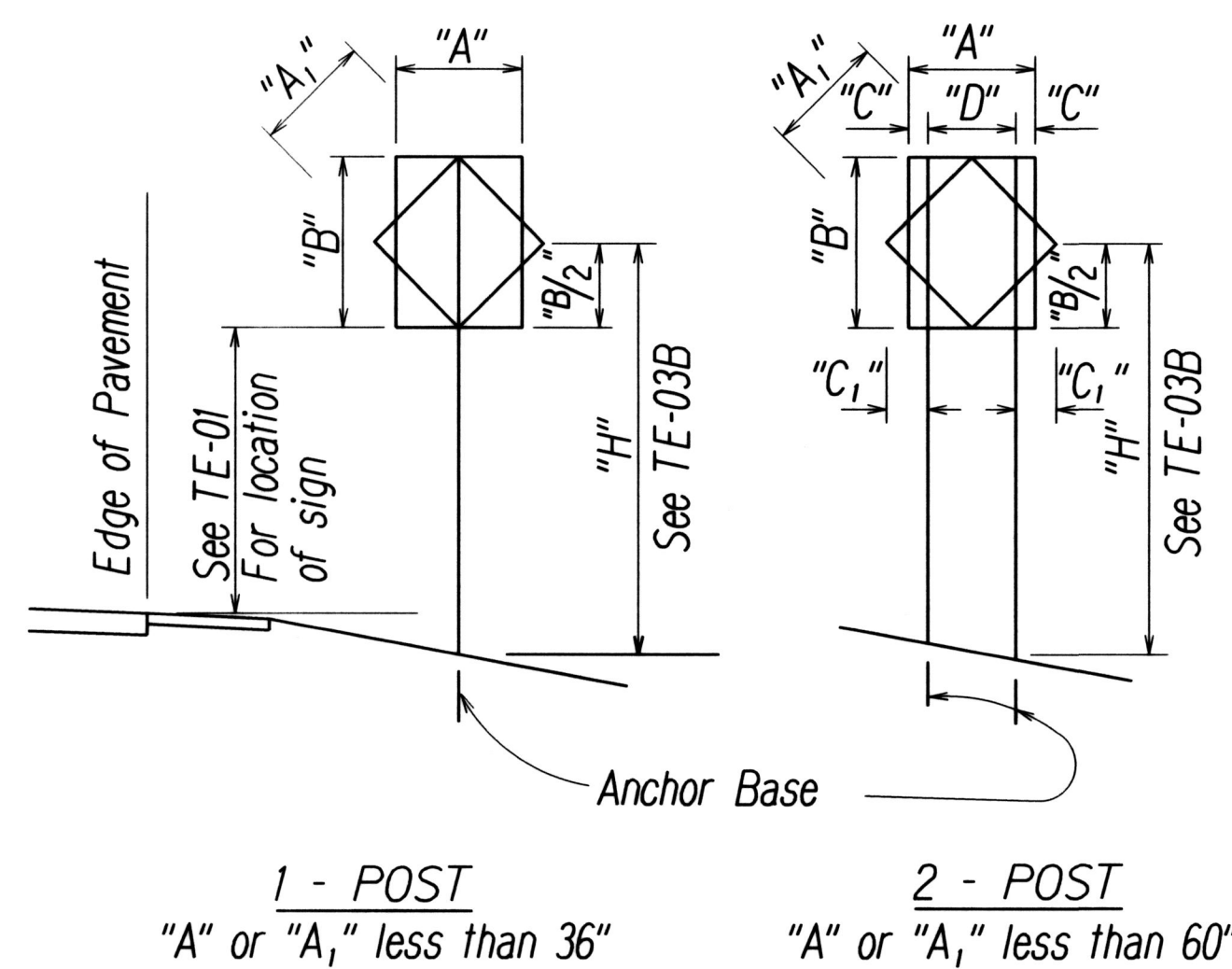


TYPICAL DETAIL - SINGLE GUARDRAIL END TREATMENT
CONSTRUCTION PHASE
Not to Scale

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

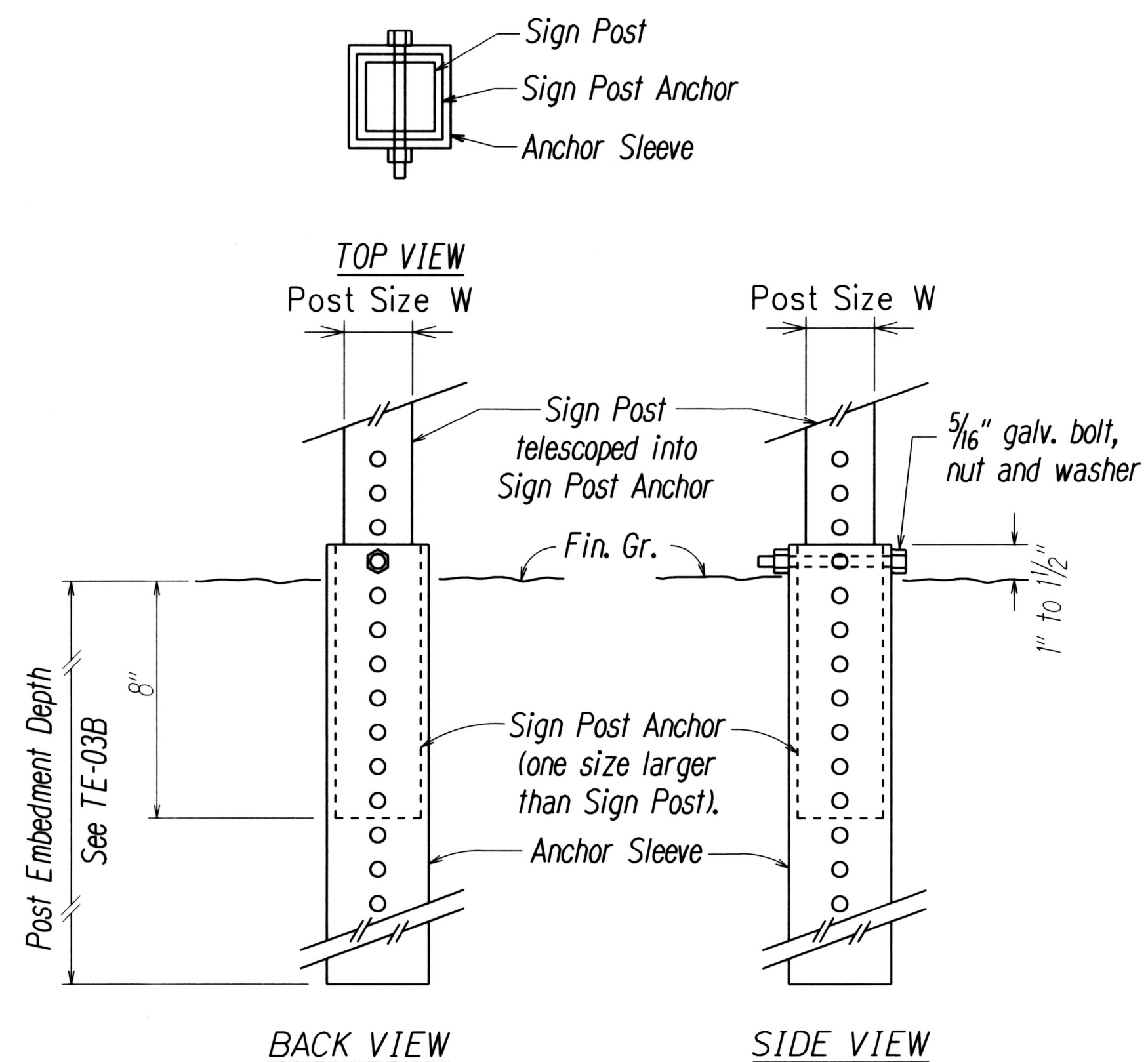
CONSTRUCTION PHASE
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: As Noted Date: July, 2017
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"A" or "A ₁ "	"C"	"C ₁ "
Less than 36"	6"	-
Greater than 36" and less than 48"	9"	19"
Greater than 48"	12"	24"

NOTE: Frame stiffeners are required when D is greater than 24" See General Notes.

TYPICAL INSTALLATION



SIGN POST INSTALLATION

ANCHOR BASE DETAIL

GENERAL NOTES

- Design Specifications:**
 - Design shall conform w/ the latest AASHTO Standard Specifications for the Structural Supports for Highway Signs, Luminaires & Traffic Signals and its interim supplements and modifications by the Highways Division, Department of Transportation State of Hawaii.
 - Latest HDOT Memorandum with subject title "Design Criteria for Bridges and Structures."
- Loads:**
 - Basic Wind Speed: 105 mph.
 - Recurrence Interval of 10 years.
- Materials:**
 - Post shall conform to the Standard Specifications.
 - All connection bolts shall be AASHTO M164 bolts and anchor bolts shall be AASHTO M314-105 bolt.
 - Lap splice nuts and bolts shall be M180, with an ultimate tensile strength of 180 ksi, min.
 - Aluminum members and surfaces in contact with structural steel shall be isolated with neoprene material as approved by the Engineer.
- General:**
 - See General Notes on B-01, TE-01, and TE-03B for additional information.
 - All square tube posts shall be 12 gauge unless otherwise specified or shown on the plans.
 - Square tube posts shall be perforated with 7/16" ϕ holes, 1" o.c., 4 sides, along entire length of post.
 - All accessories, fittings and stiffener details (as required) shall be submitted to the Engineer for approval 20 days prior to installation.
 - Alternate designs in accordance with the plans and specifications shall use the Service Load Design Method and shall be stamped by a registered structural engineer of the State of Hawaii and submitted to the Engineer for approval.
 - All sign support posts without break away anchor base shall be outside of the clear zone or shielded by an appropriate traffic barrier system. The traffic barrier system shall be submitted to the Engineer for his approval.
 - The Contractor shall use templates while installing the anchor bolts. Anchor bolts shall be vertical.
 - Excavation and backfill shall be considered incidental to the cost of the sign foundation.

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

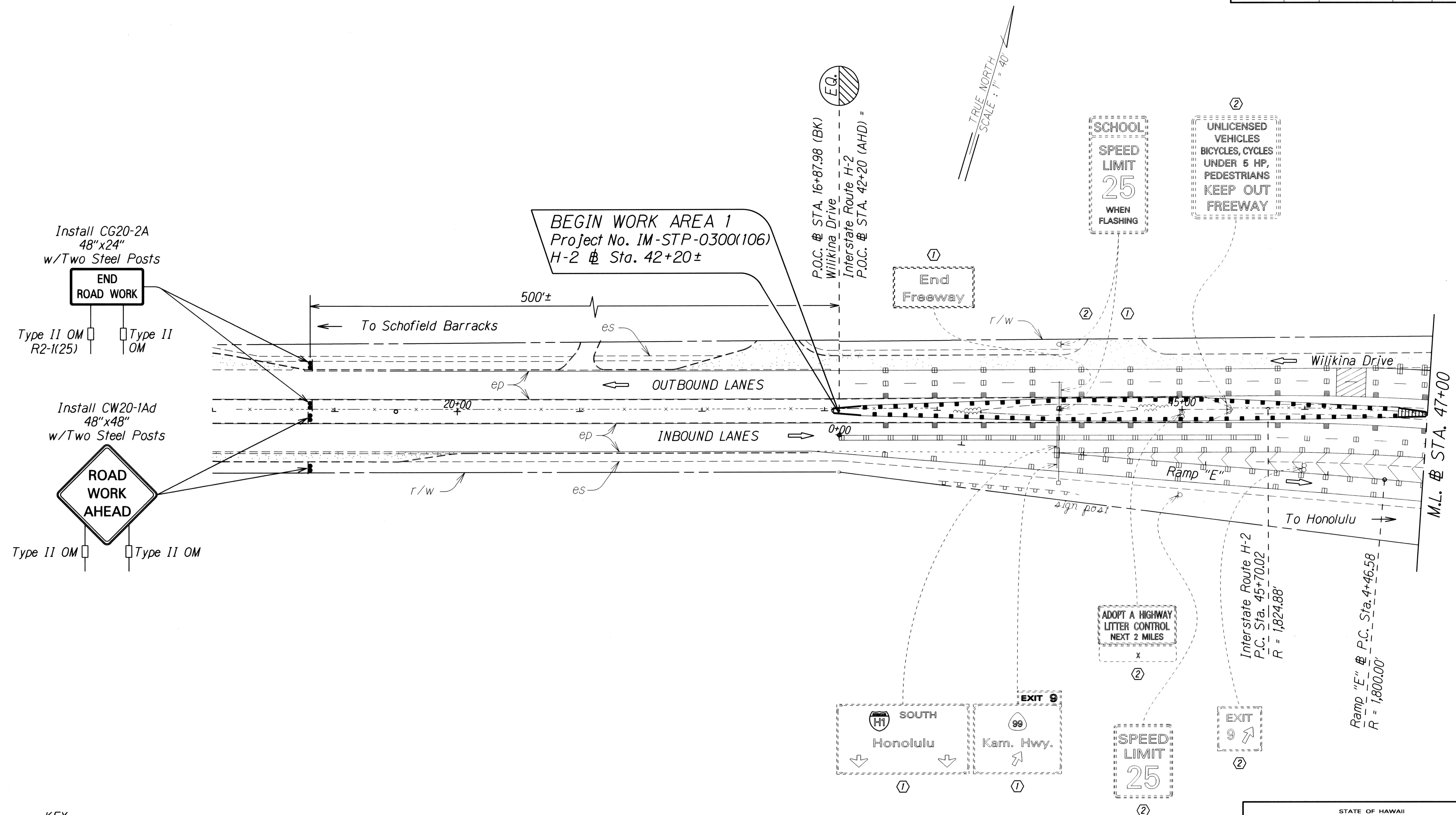
**GALVANIZED SQUARE TUBE
SIGN POST MOUNTING**

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. 1M-STP-0300(106)

Scale: Not to Scale Date: July, 2017

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KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

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.

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

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

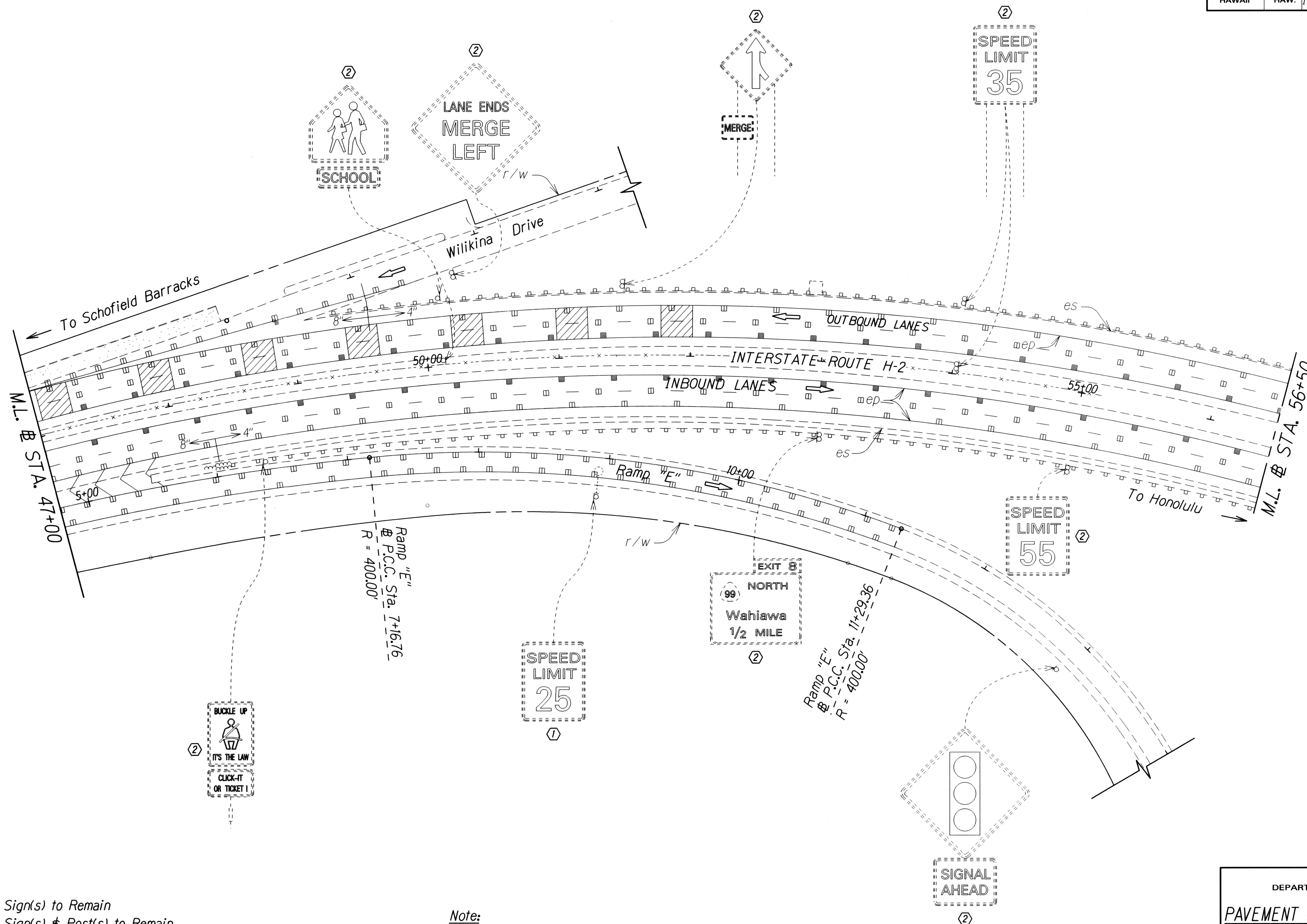
INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

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

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

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TRUE NORTH
SCALE: 1" = 40'

KEY:

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CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

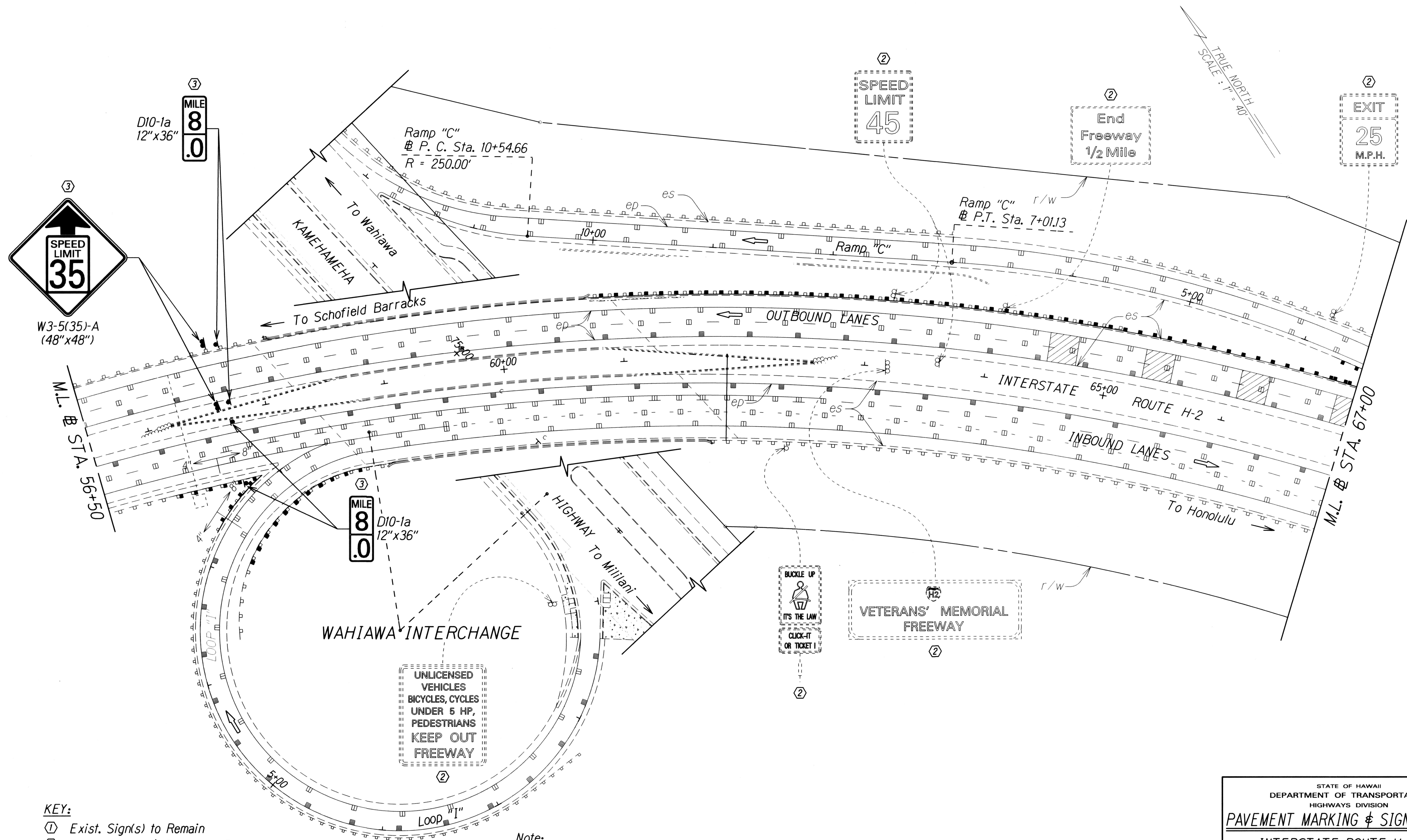
**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

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

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

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	142	193



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

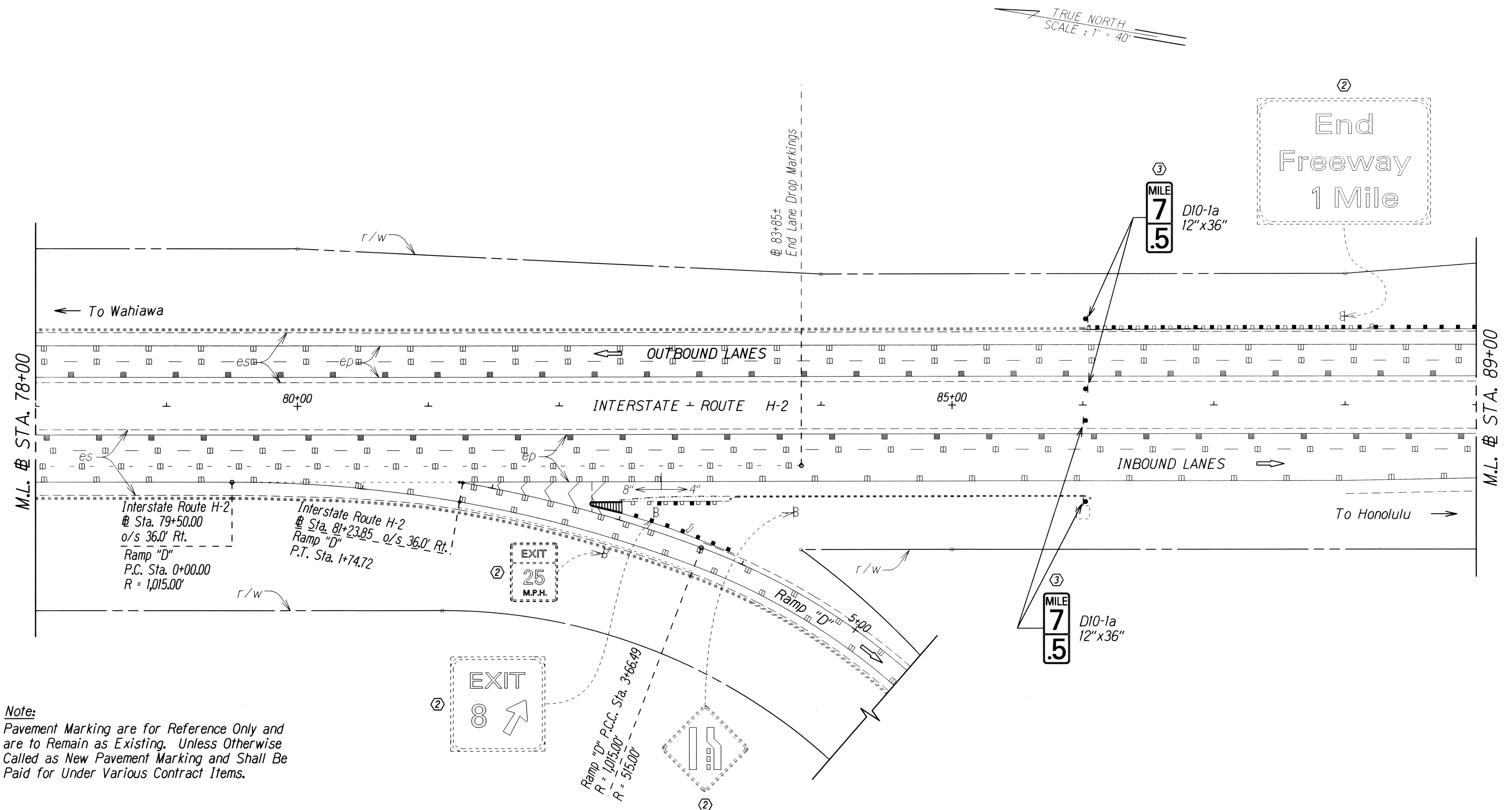
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. T8 OF 51 SHEETS

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- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

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DESIGNED BY		
CHECKED BY		

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

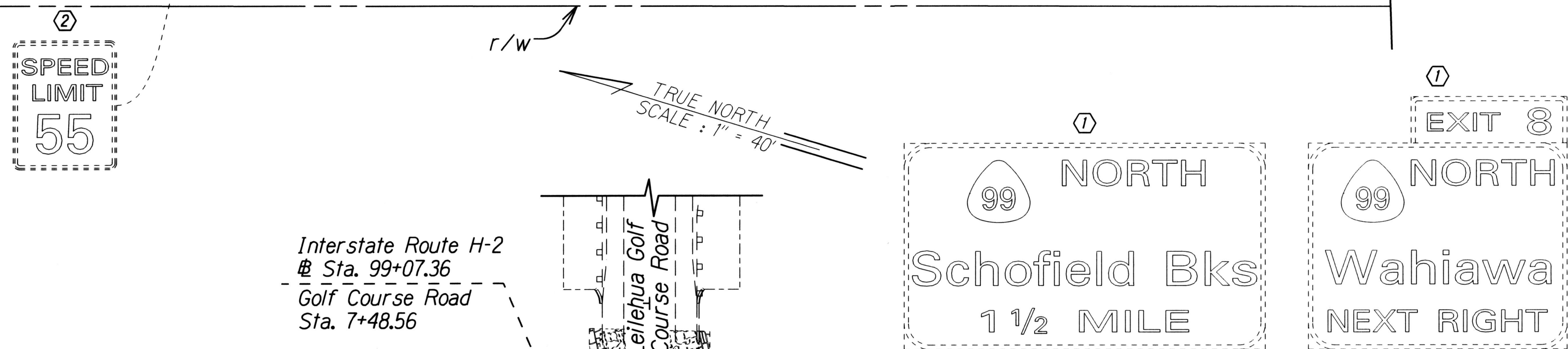
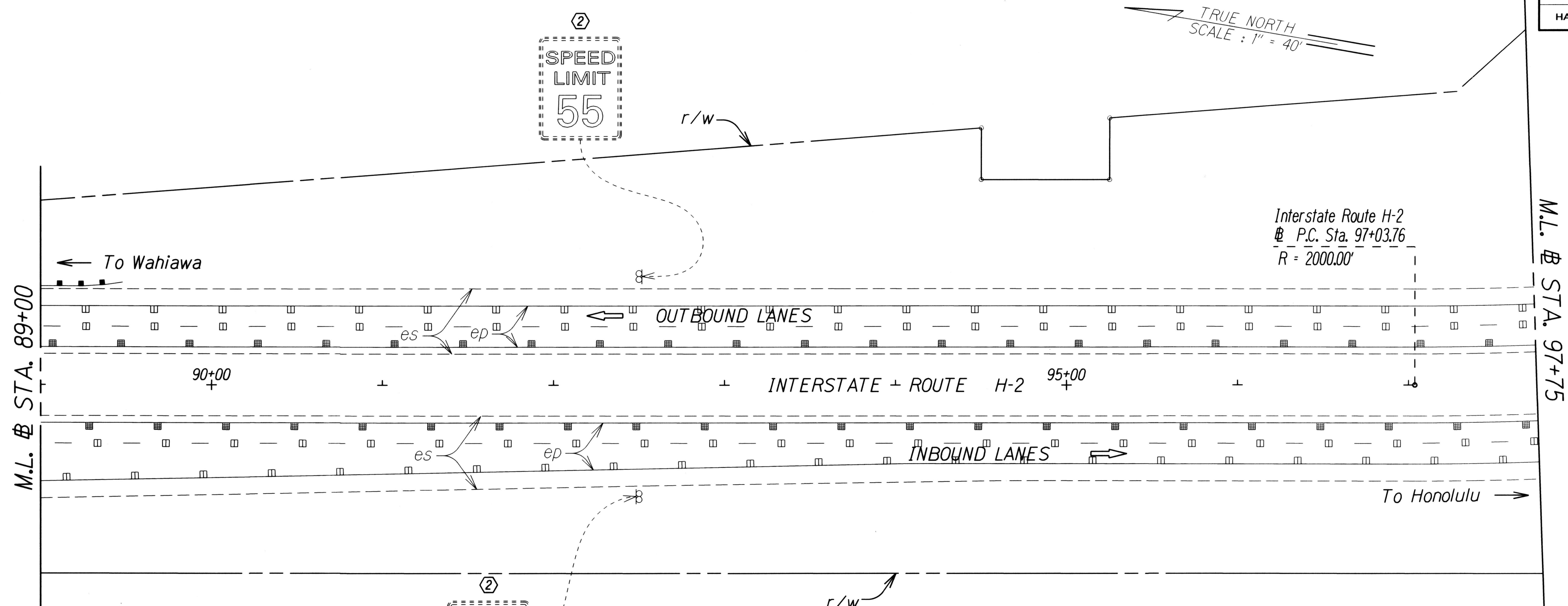
**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

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

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

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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
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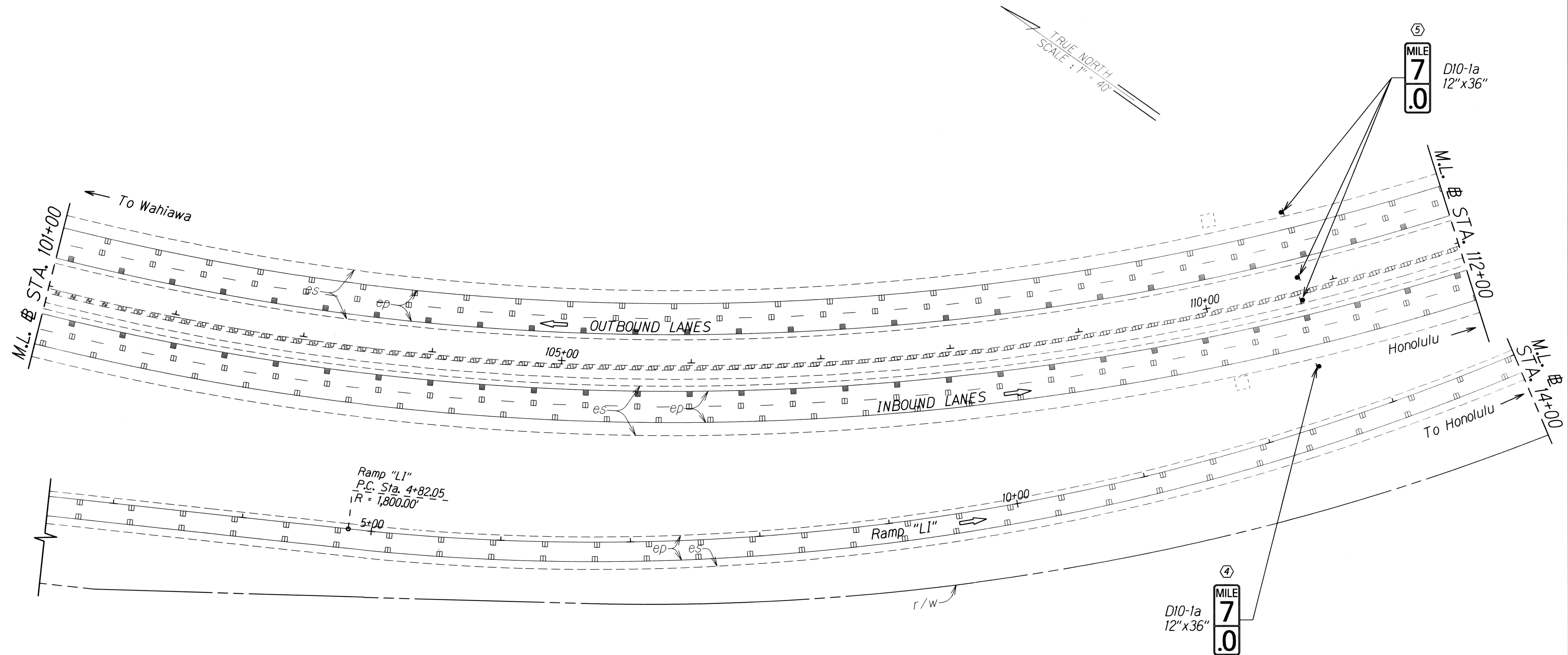
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	CHECKED BY	
APPROVED BY		

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017

SHEET No. 111 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	146	193



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
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) & Post(s)

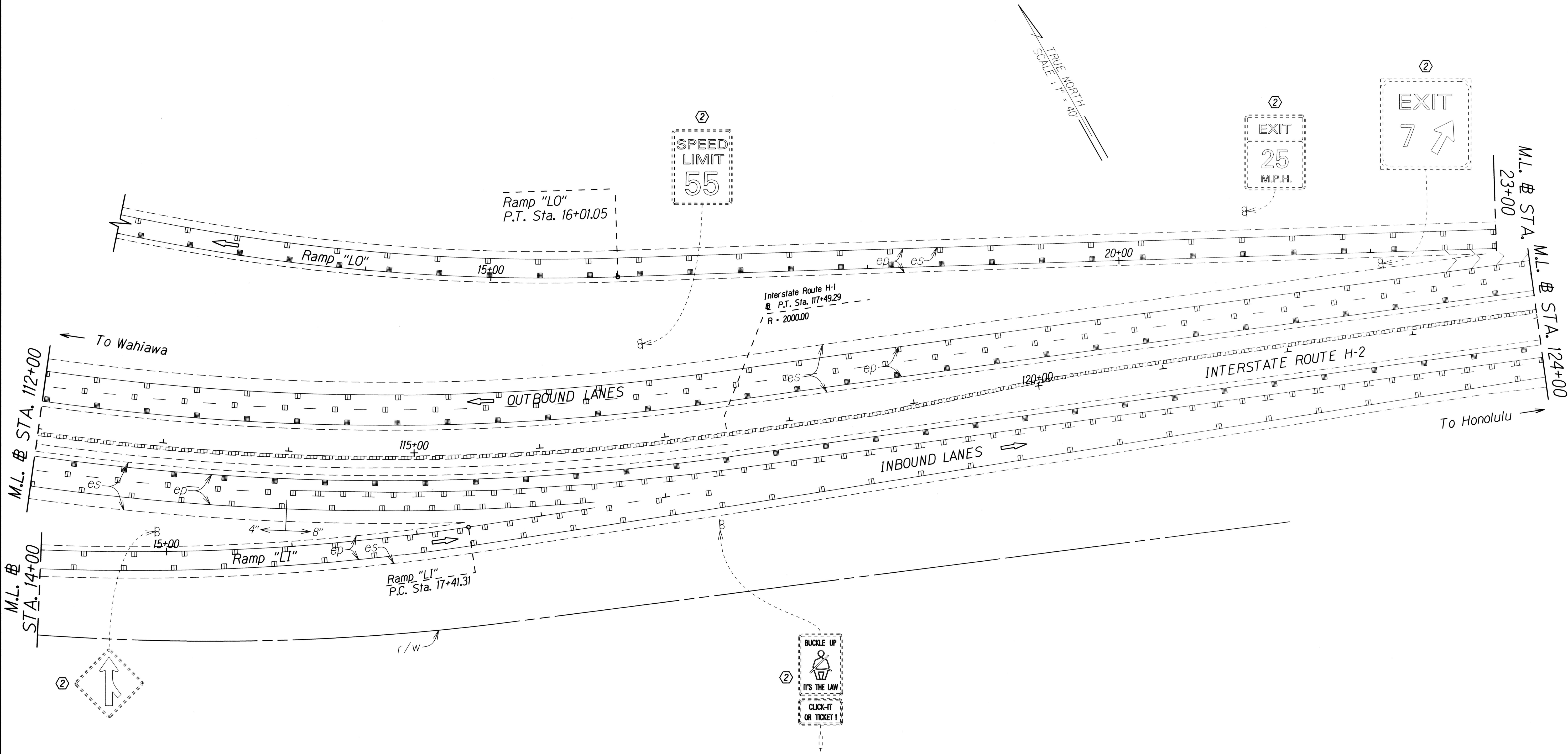
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
101	TRACED BY	
101	CHECKED BY	
101		

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017

SHEET No. 112 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	147	193



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	TRACED BY	
QUANTITIES BY	CHECKED BY	
4/11/10/08/09/10		

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

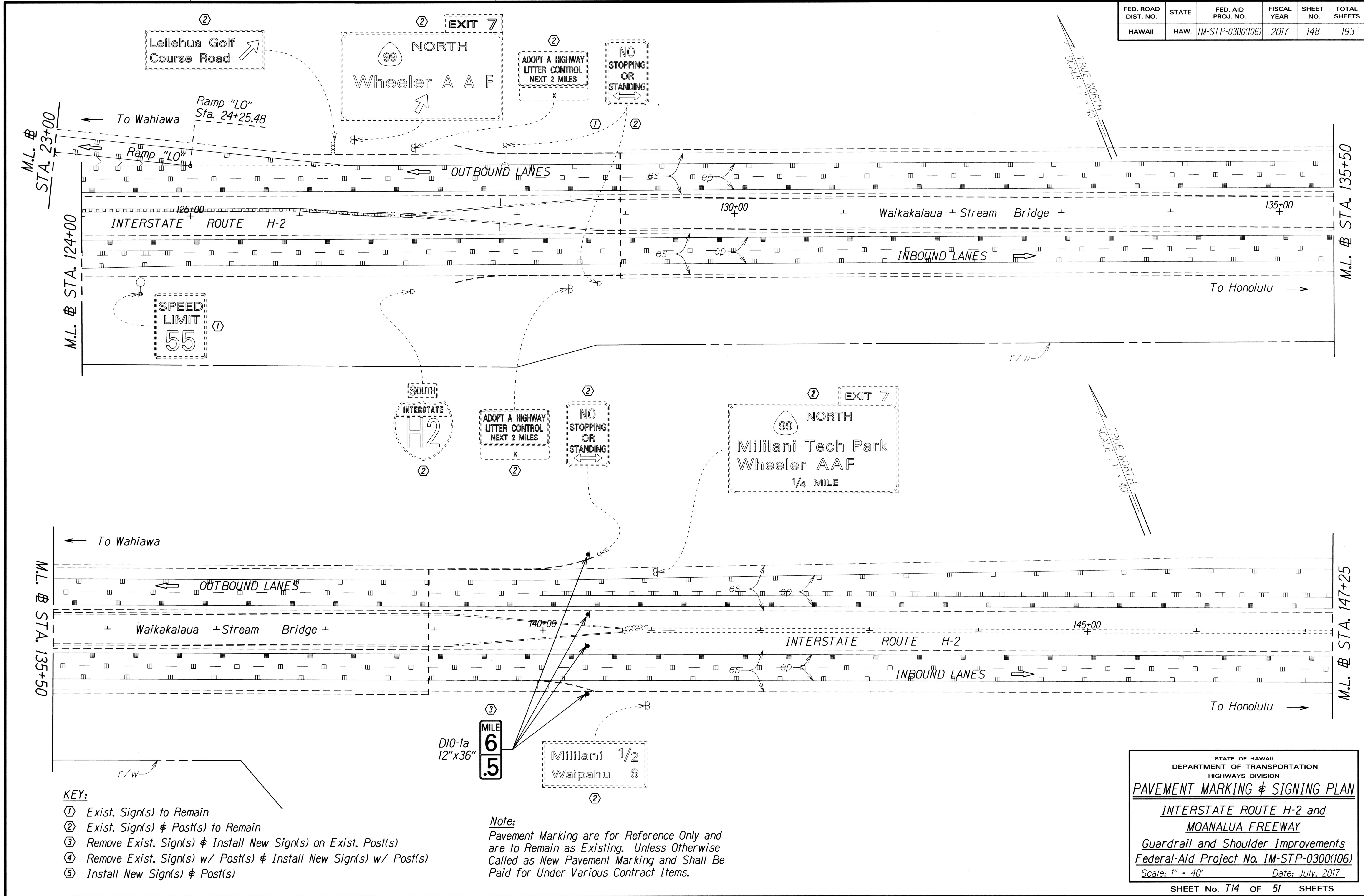
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. T13 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	148	193



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

- KEY:
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) & Post(s)

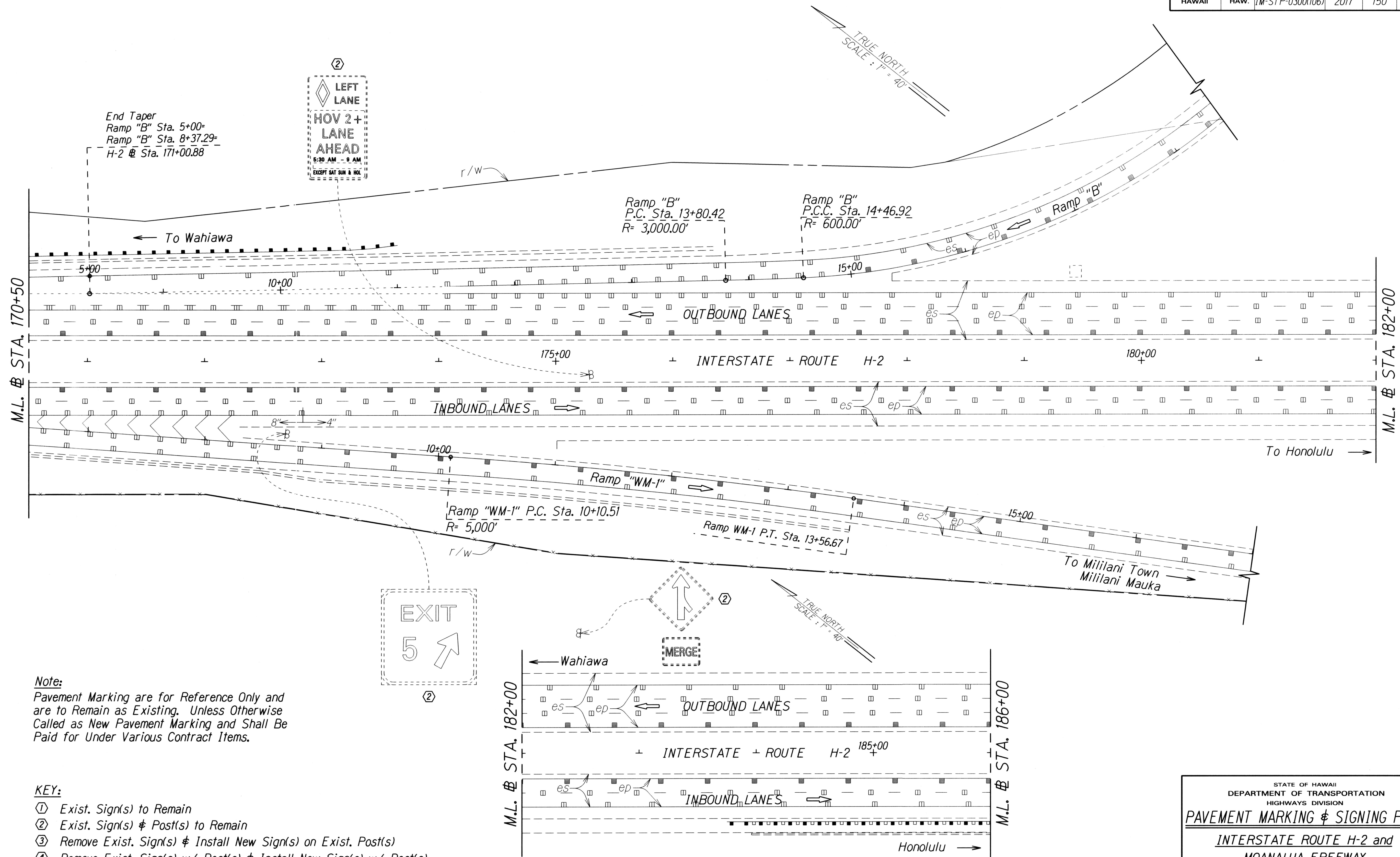
Note:
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017

SHEET No. T14 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	150	193



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
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) & Post(s)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

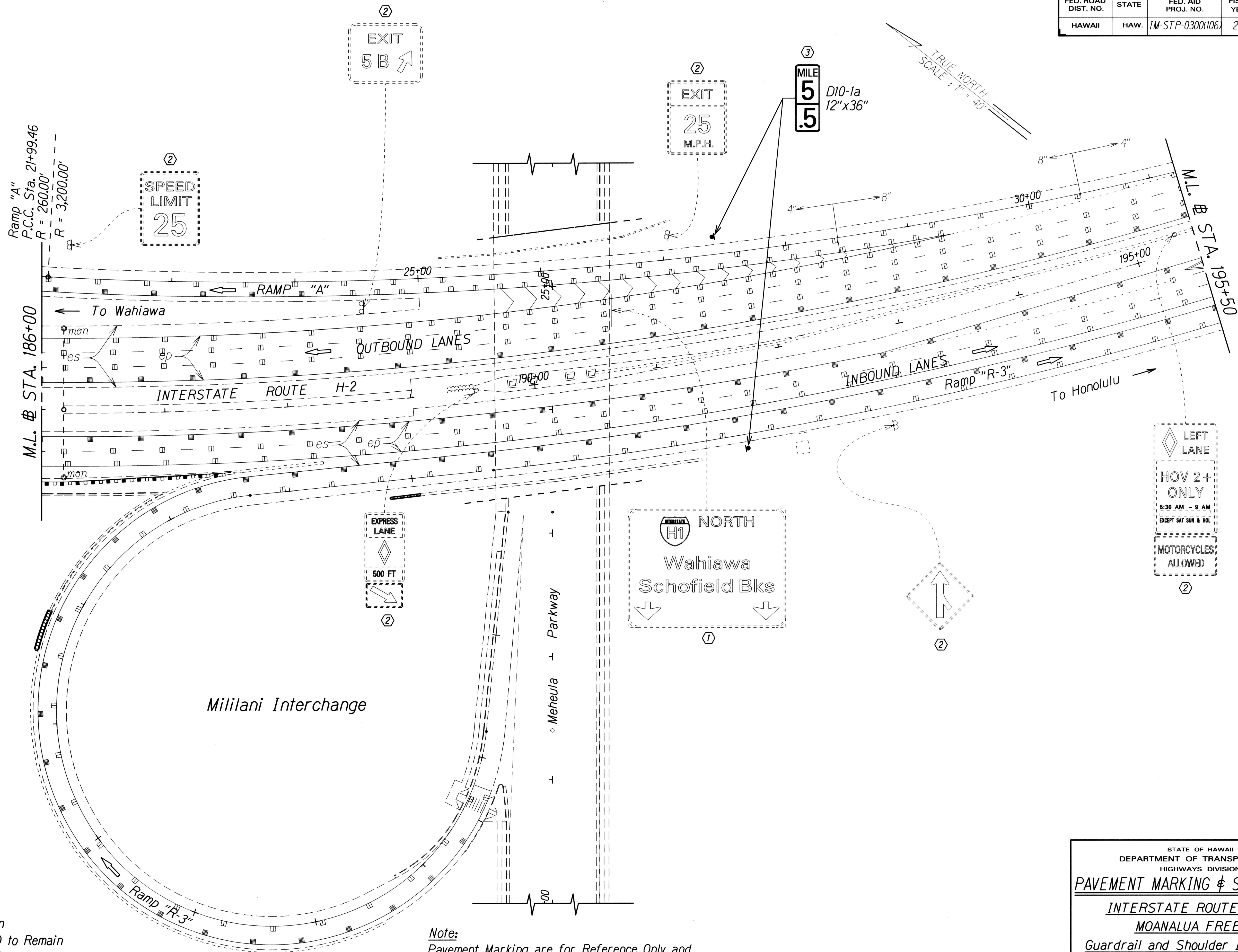
**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

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

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

SHEET No. 116 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	151	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

Note:

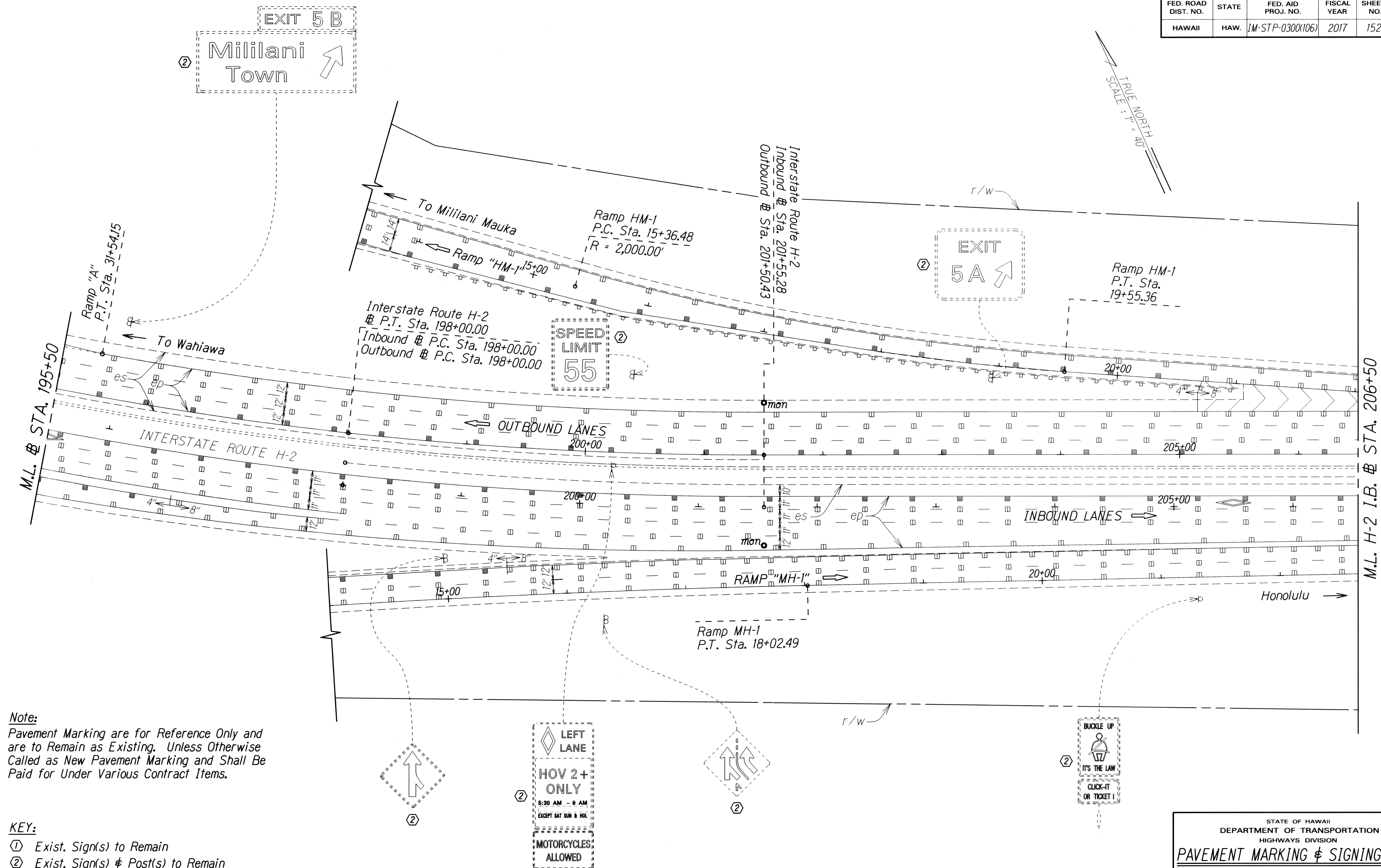
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
1st	TRACED BY	
2nd	QUANTITIES BY	
3rd	CHECKED BY	

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. 1M-STP-0300(106)
Scale: 1" = 40' Date: July, 2017
SHEET No. 117 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	152	193



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

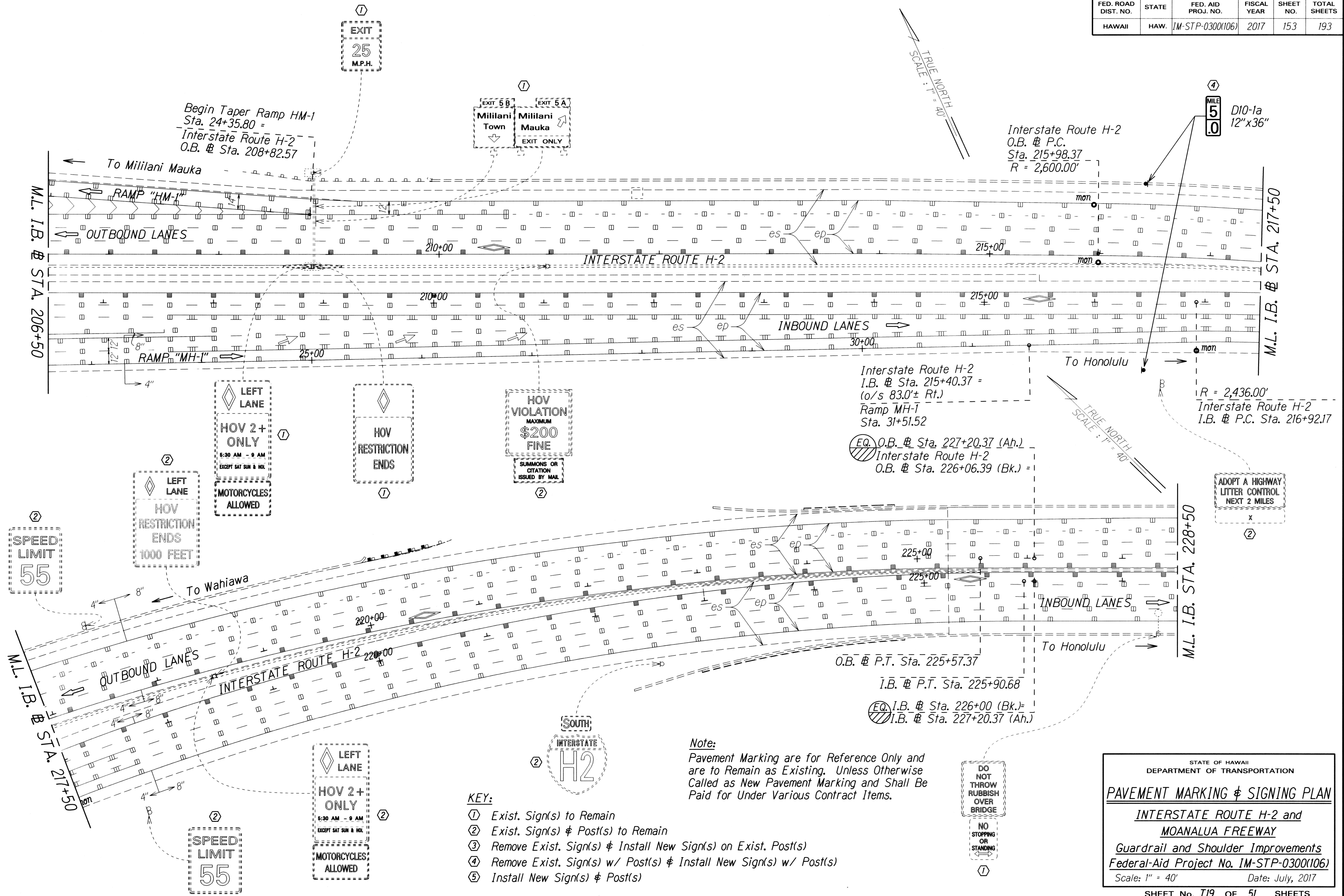
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

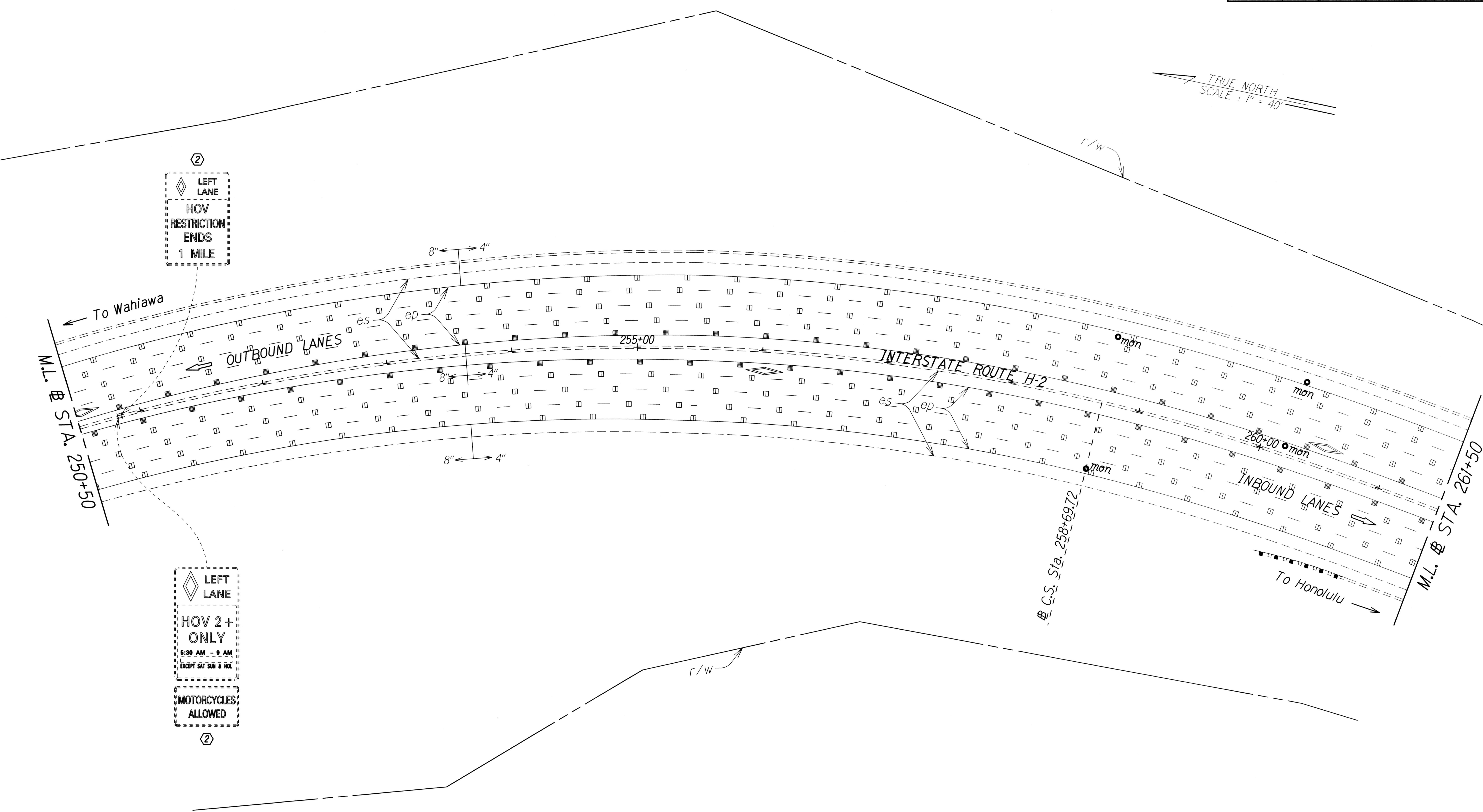
SHEET No. T18 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	153	193



SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
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	155	193



- KEY:**
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) & Post(s)

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.

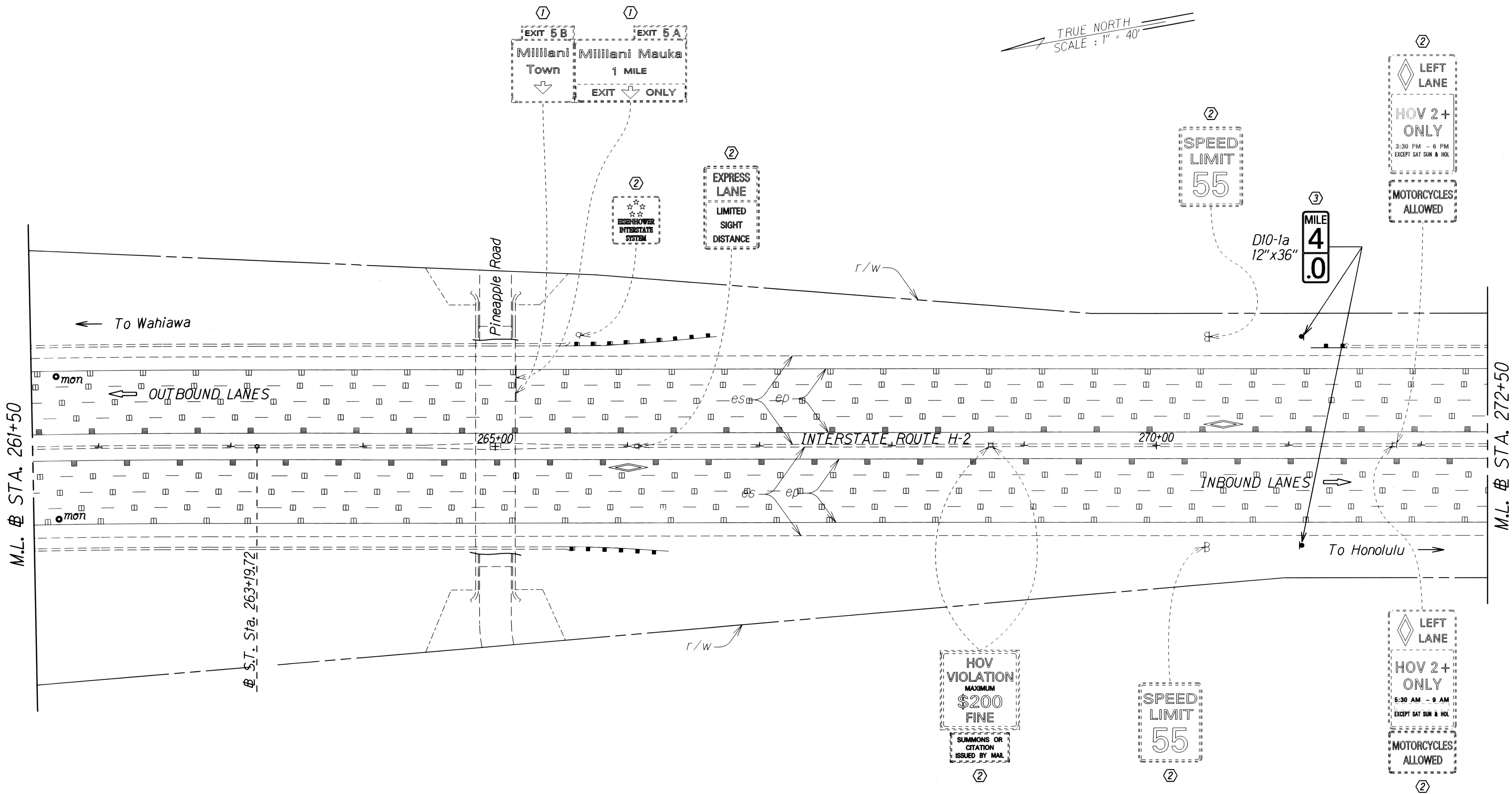
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	TRACED BY	
CHECKED BY	DESIGNED BY	
	CHECKED BY	

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. IM-STP-0300(106)
 Scale: 1" = 40' Date: July, 2017

SHEET No. T21 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	156	193



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

- KEY:**
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) & Post(s)

Note:
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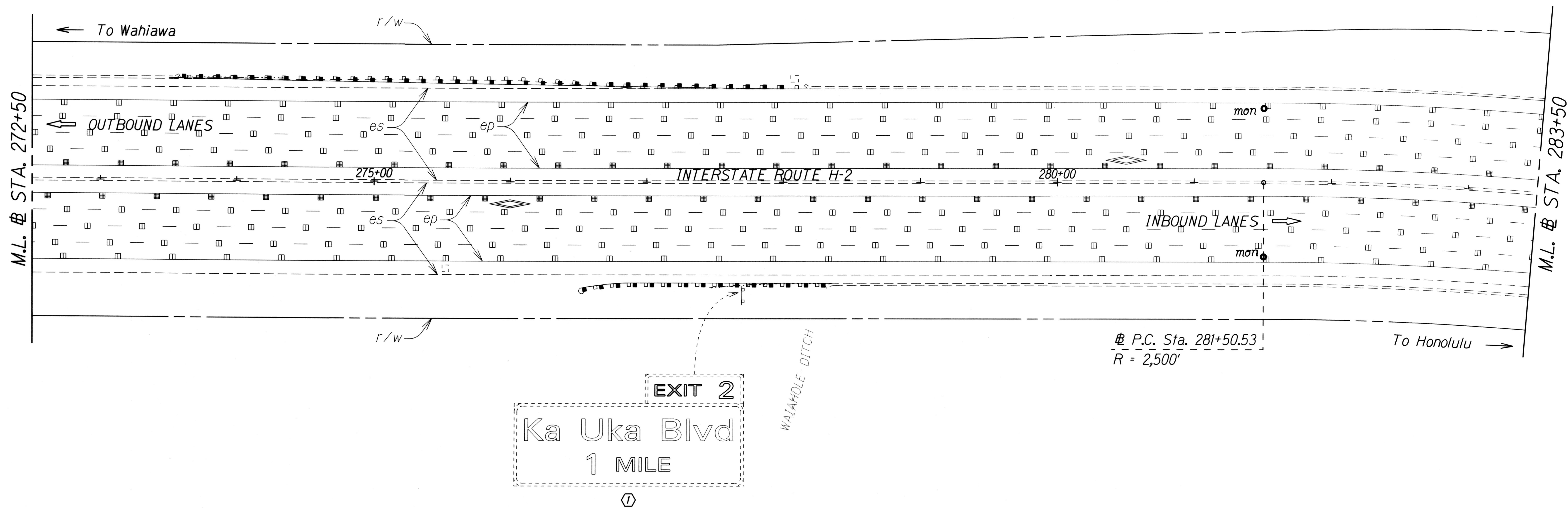
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017

SHEET No. T22 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	157	193

TRUE NORTH
SCALE : 1" = 40'



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

- KEY:**
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
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Note:
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

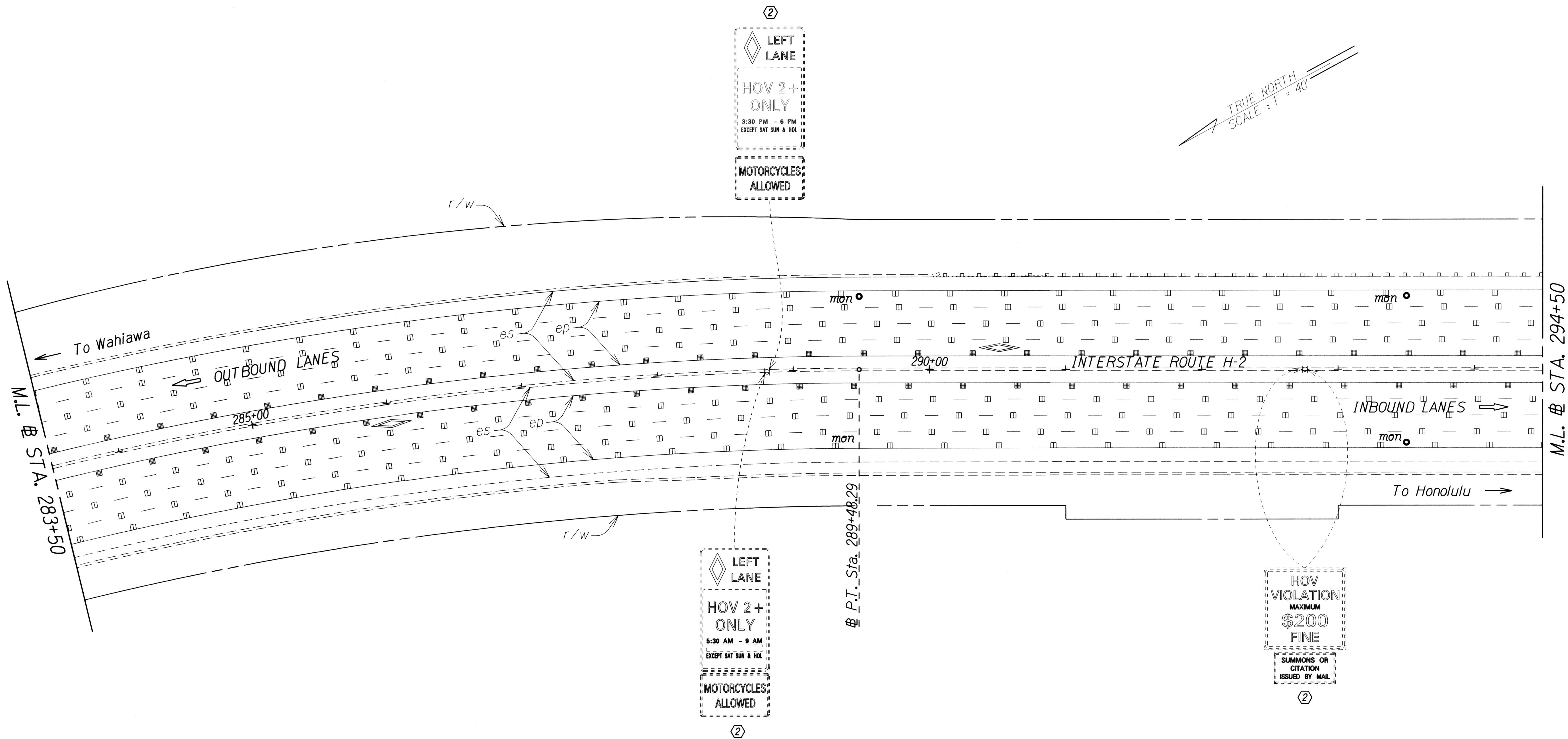
PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017

SHEET No. 723 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	158	193



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

- KEY:**
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) & Post(s)

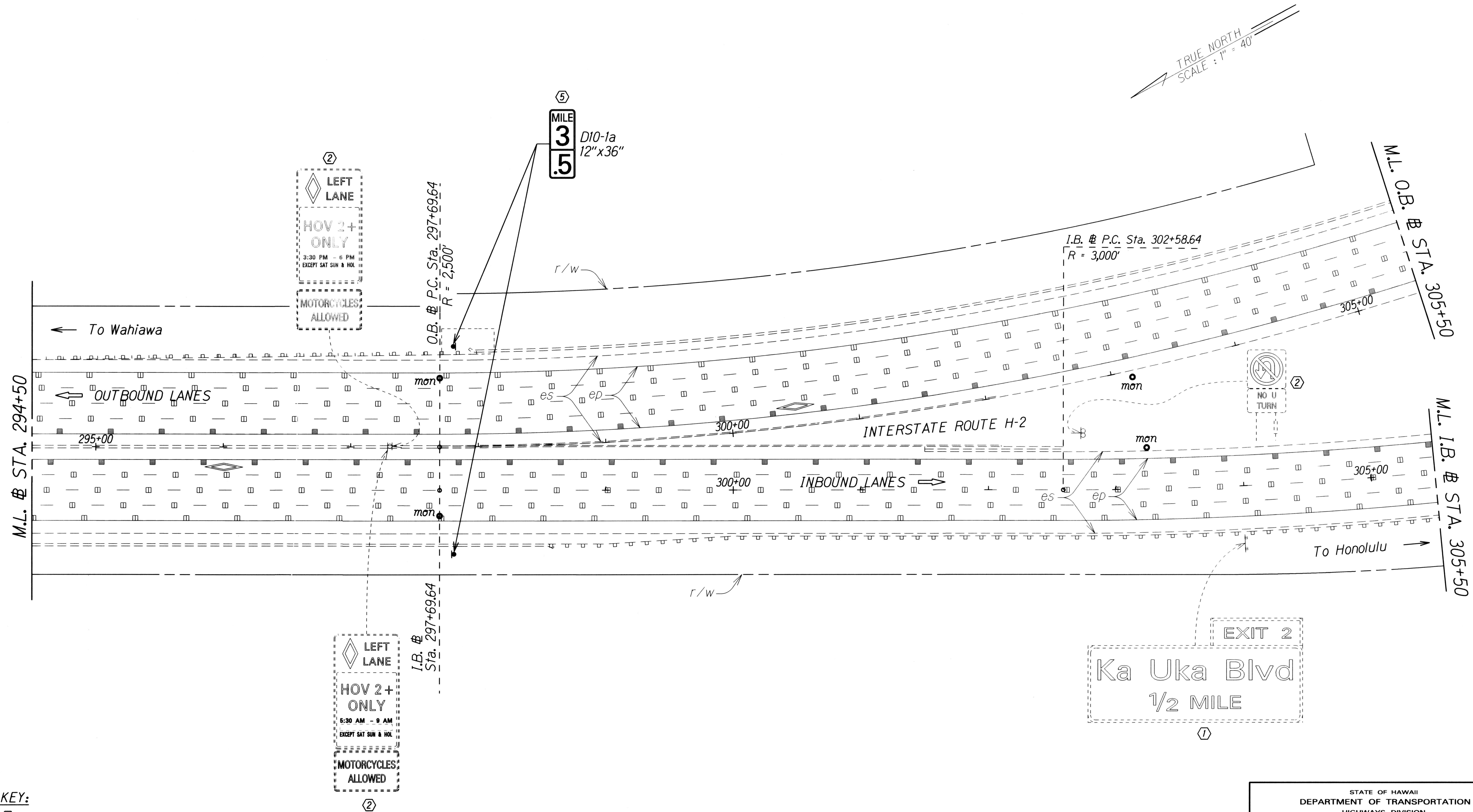
Note:
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. IM-STP-0300(106)
Scale: 1" = 40'
Date: July, 2017

SHEET No. 124 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	159	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

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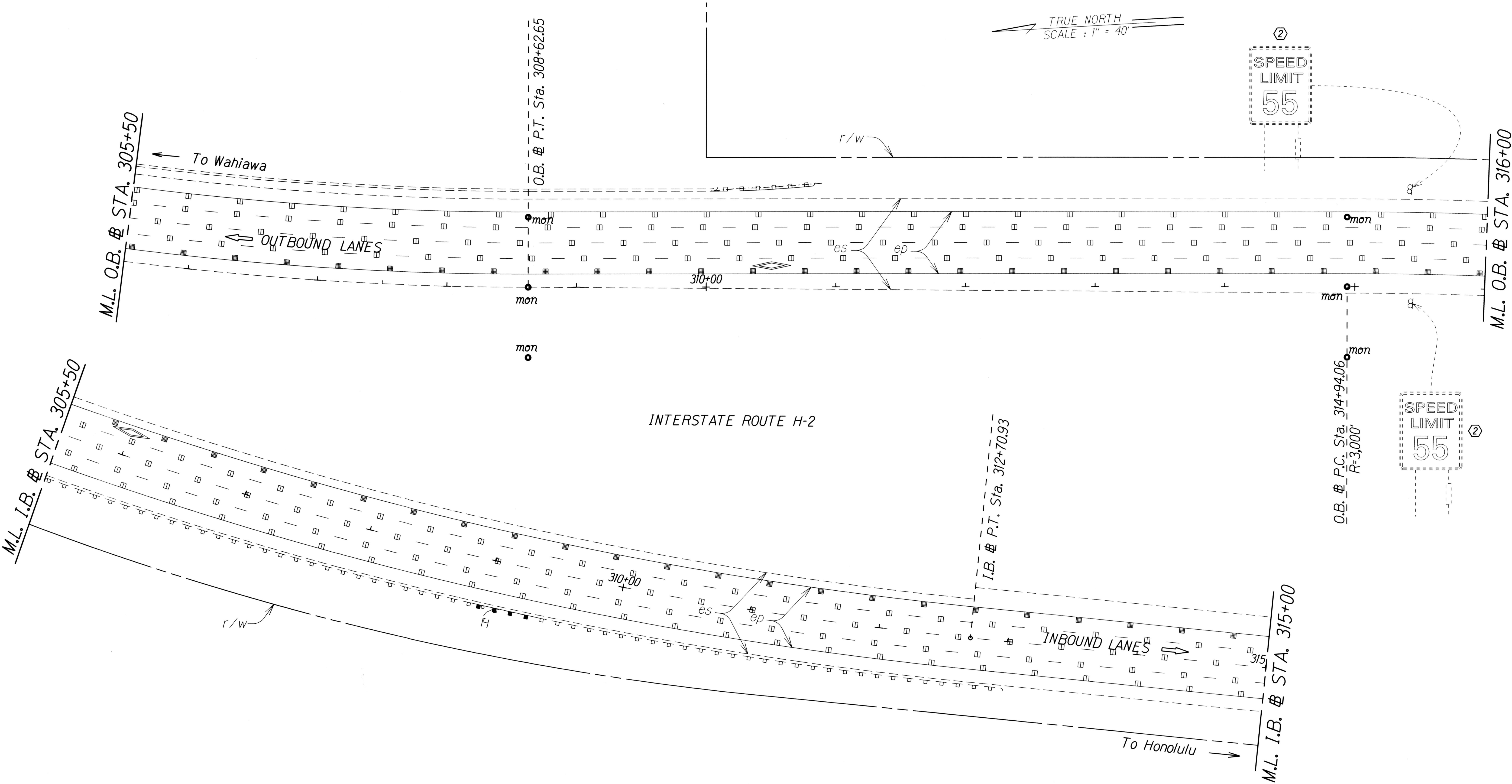
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
DESIGNED BY	TRACED BY	
QUANTITIES BY	CHECKED BY	
SCALE		

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. IM-STP-0300(106)
 Scale: 1" = 40' Date: July, 2017

SHEET No. T25 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	160	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

Note:

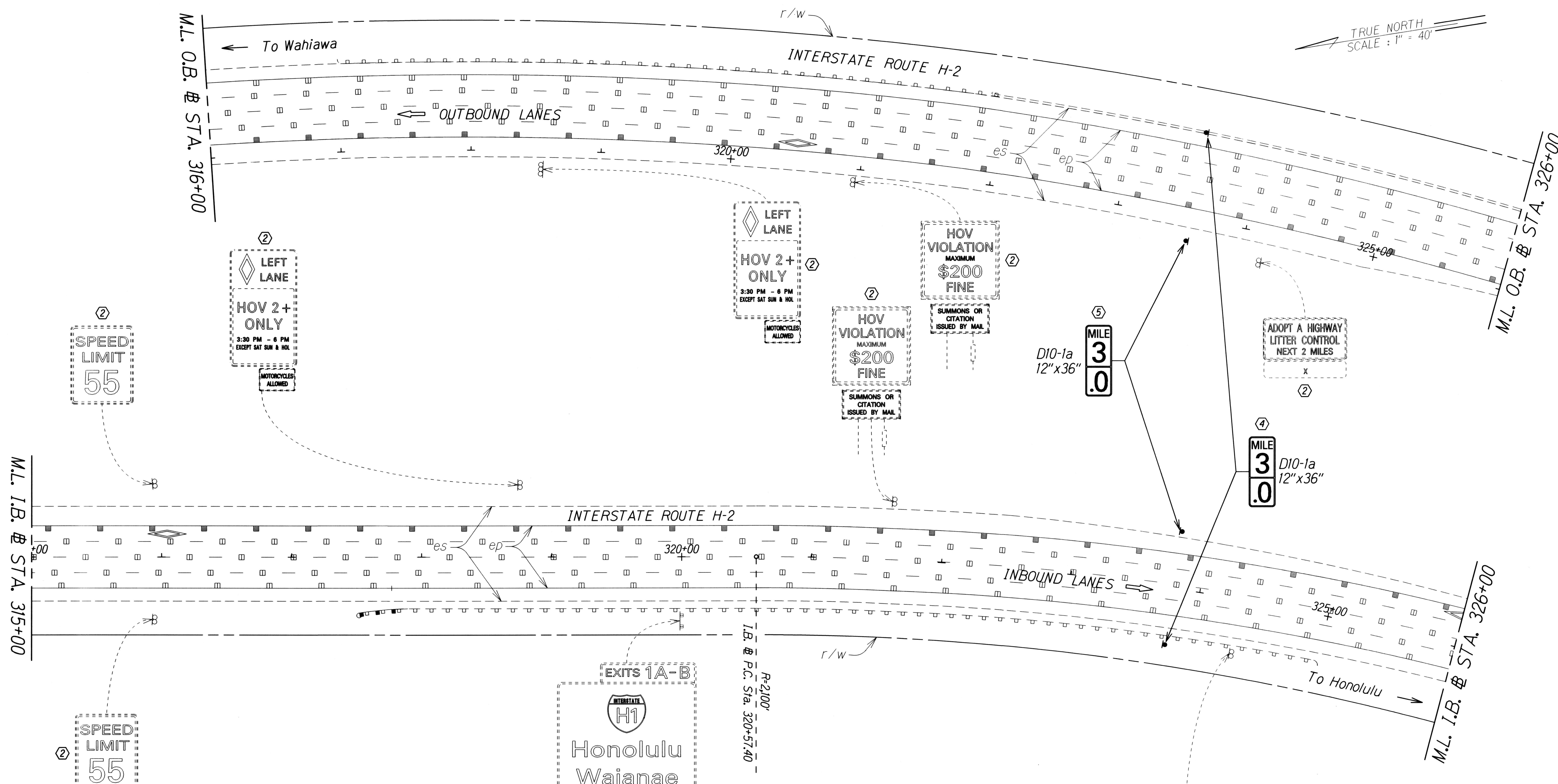
Pavement Marking are for Reference Only and are to Remain as Existing. Unless Otherwise Called as New Pavement Marking and Shall Be Paid for Under Various Contract Items.

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

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017
SHEET No. T26 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	161	193



- KEY:**
- ① Exist. Sign(s) to Remain
 - ② Exist. Sign(s) & Post(s) to Remain
 - ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
 - ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
 - ⑤ Install New Sign(s) & Post(s)

Note:
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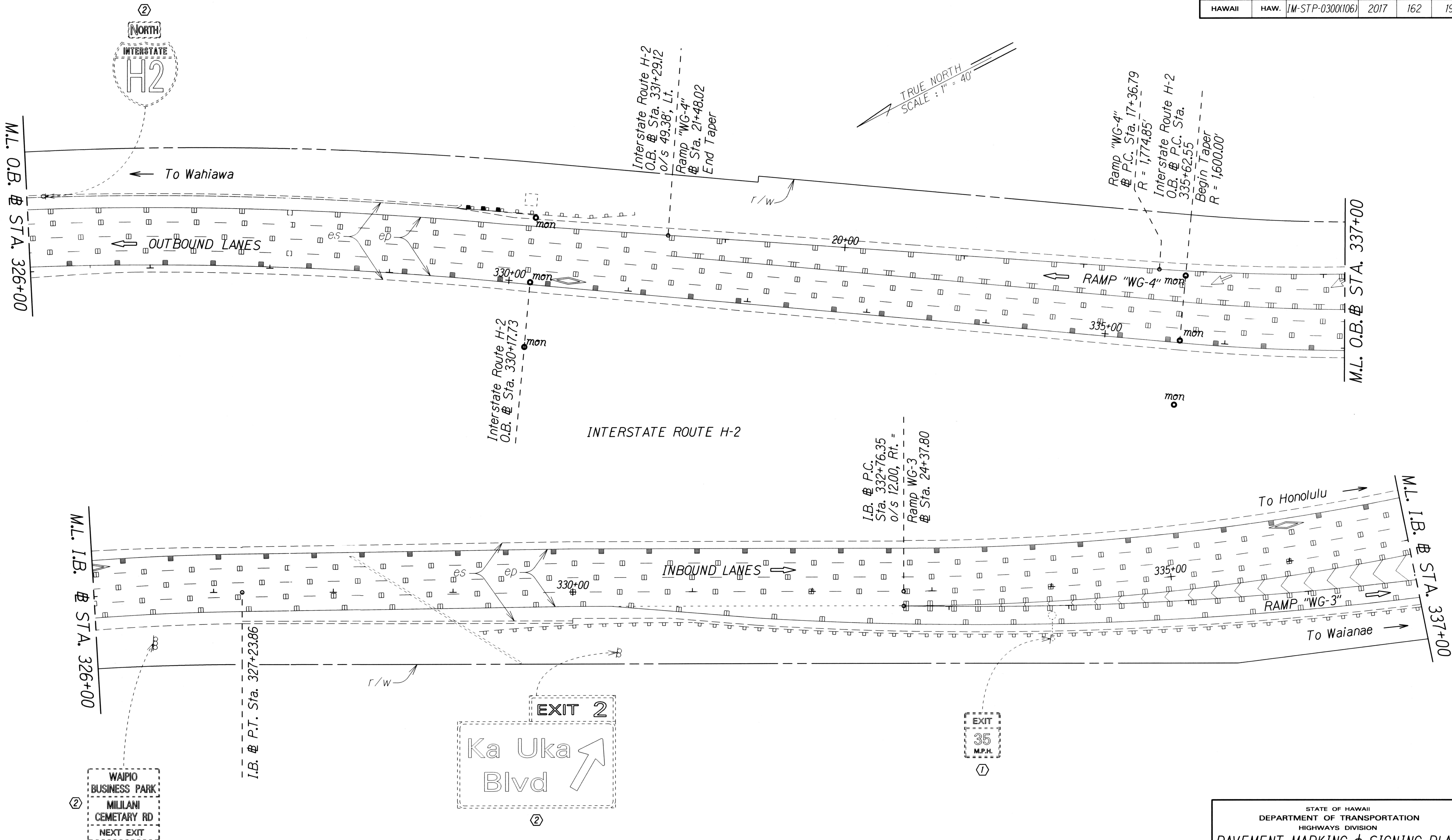
DATE	_____
SURVEY PLOTTED BY	_____
TRACED BY	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____
ORIGINAL PLAN	_____
NOTE BOOK	_____
DESIGNED BY	_____
QUANTITIES BY	_____
CHECKED BY	_____

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. IM-STP-0300(106)
Scale: 1" = 40'
Date: July, 2017

SHEET No. T27 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	162	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

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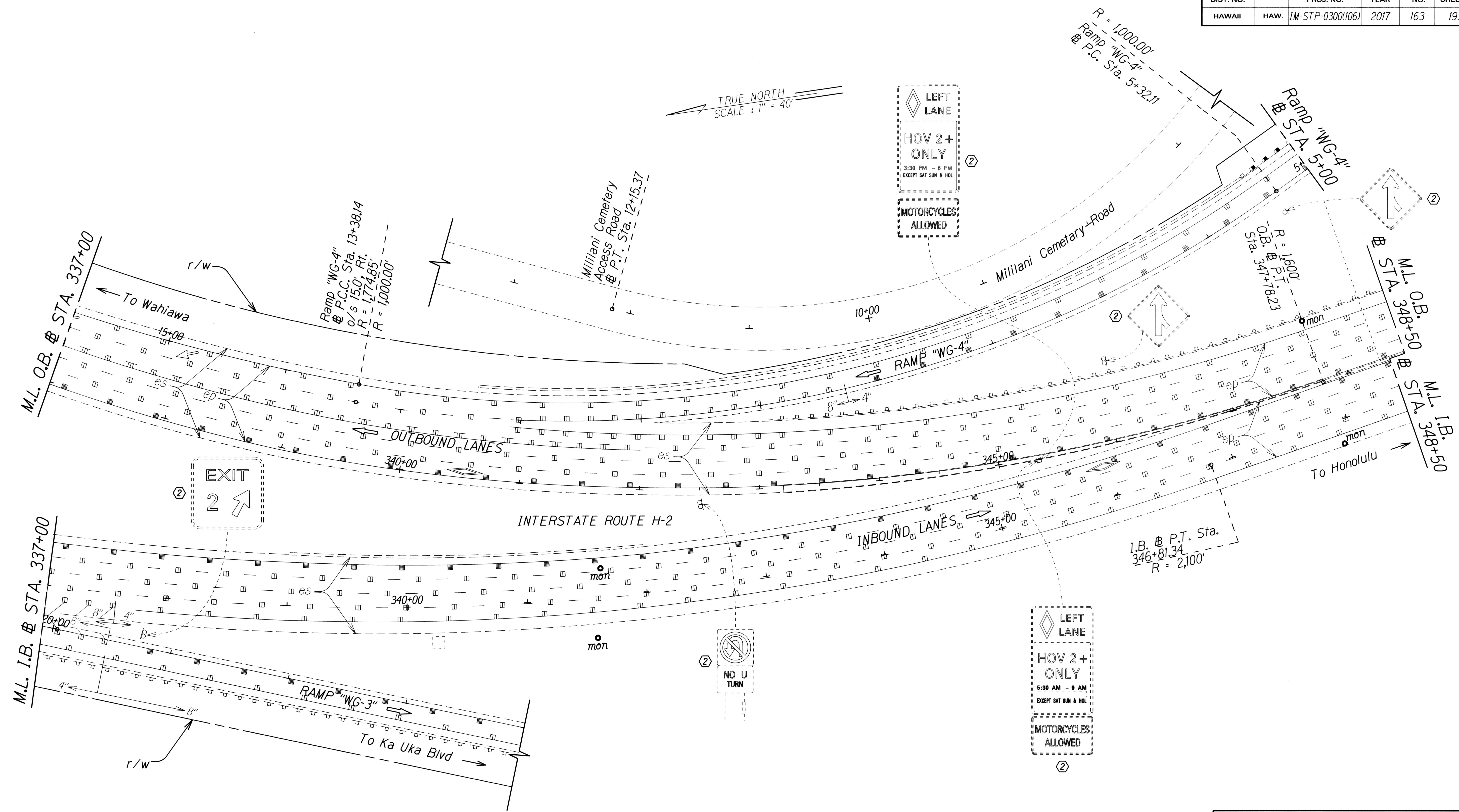
ORIGINAL PLANS	DATE
NOTES	DATE
DESIGNED BY	DATE
CHECKED BY	DATE

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. IM-STP-0300(106)
Scale: 1" = 40'
Date: July, 2017

SHEET No. 162 OF 193 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	163	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

Note:

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

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

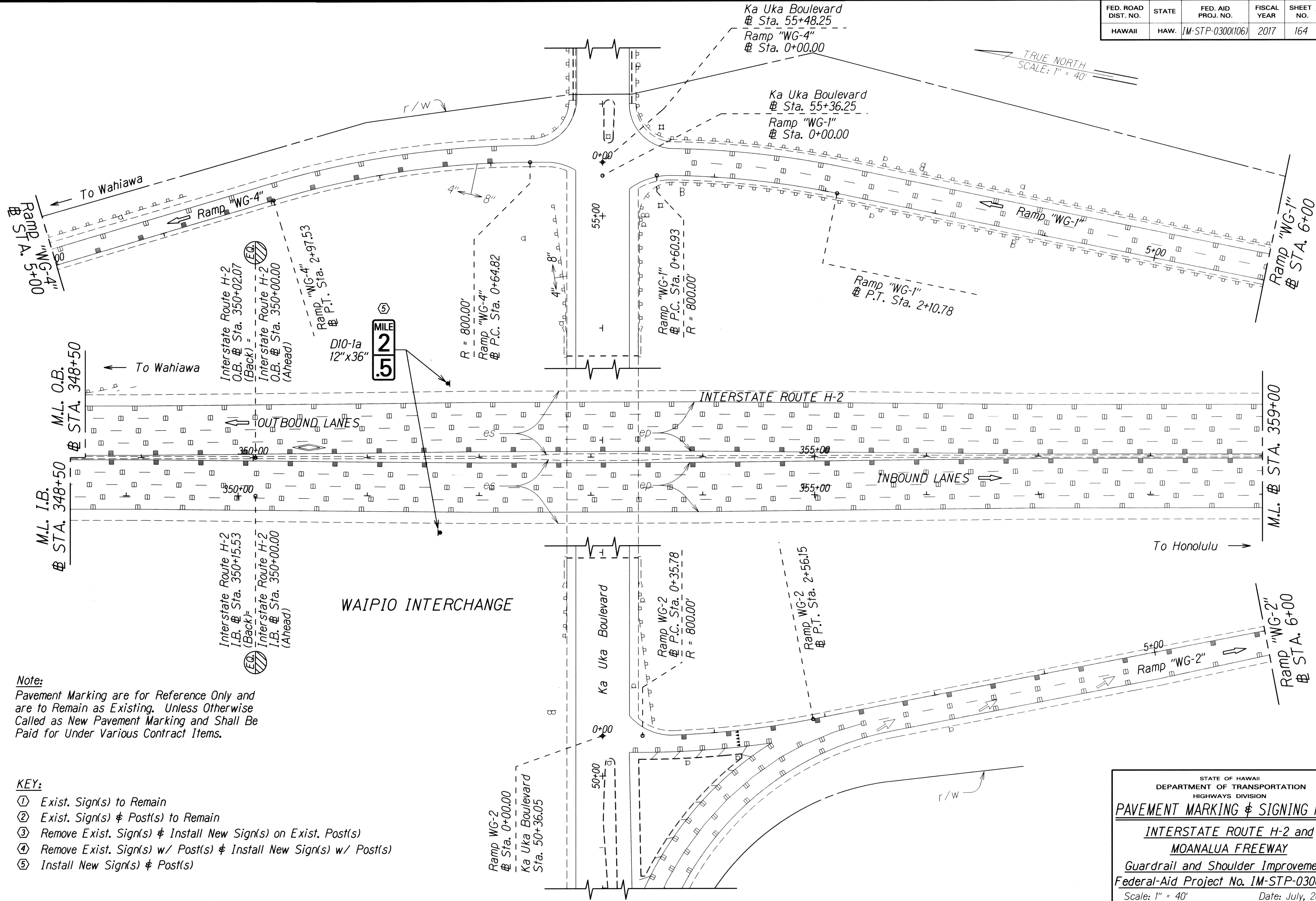
Guardrail and Shoulder Improvements

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

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

SHEET No. T29 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	164	193



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

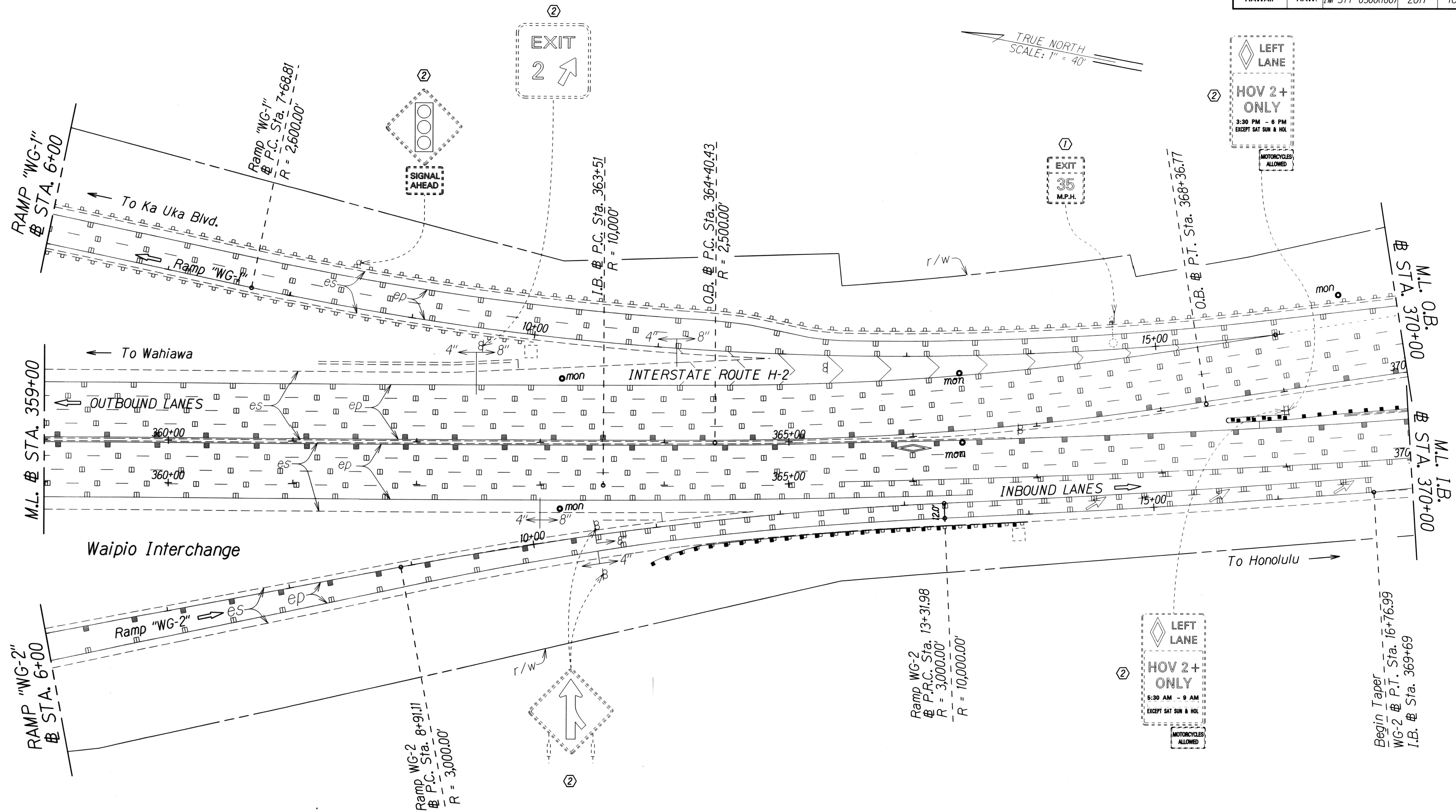
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 130 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	165	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

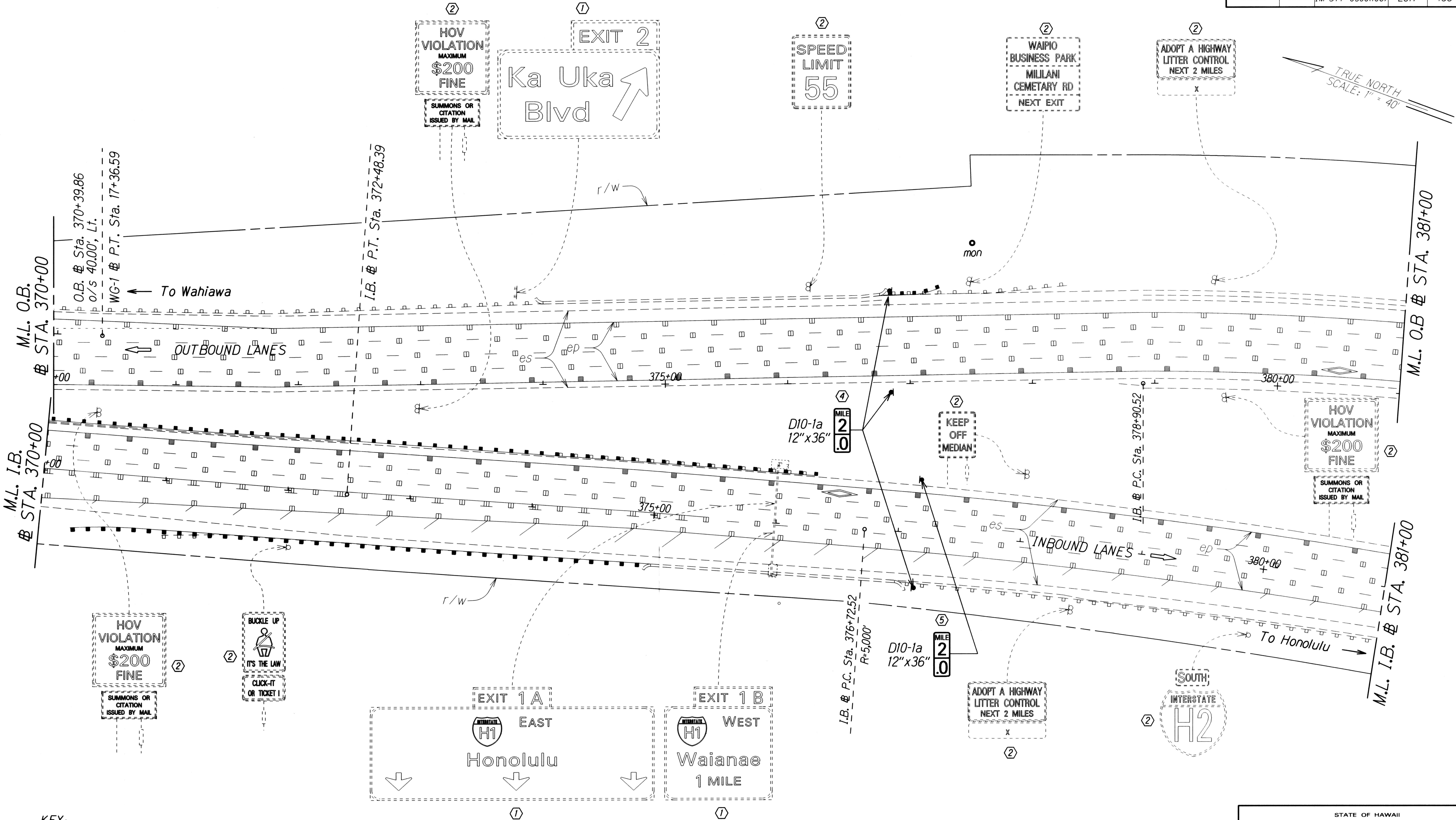
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 165 OF 193 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	166	193



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

KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

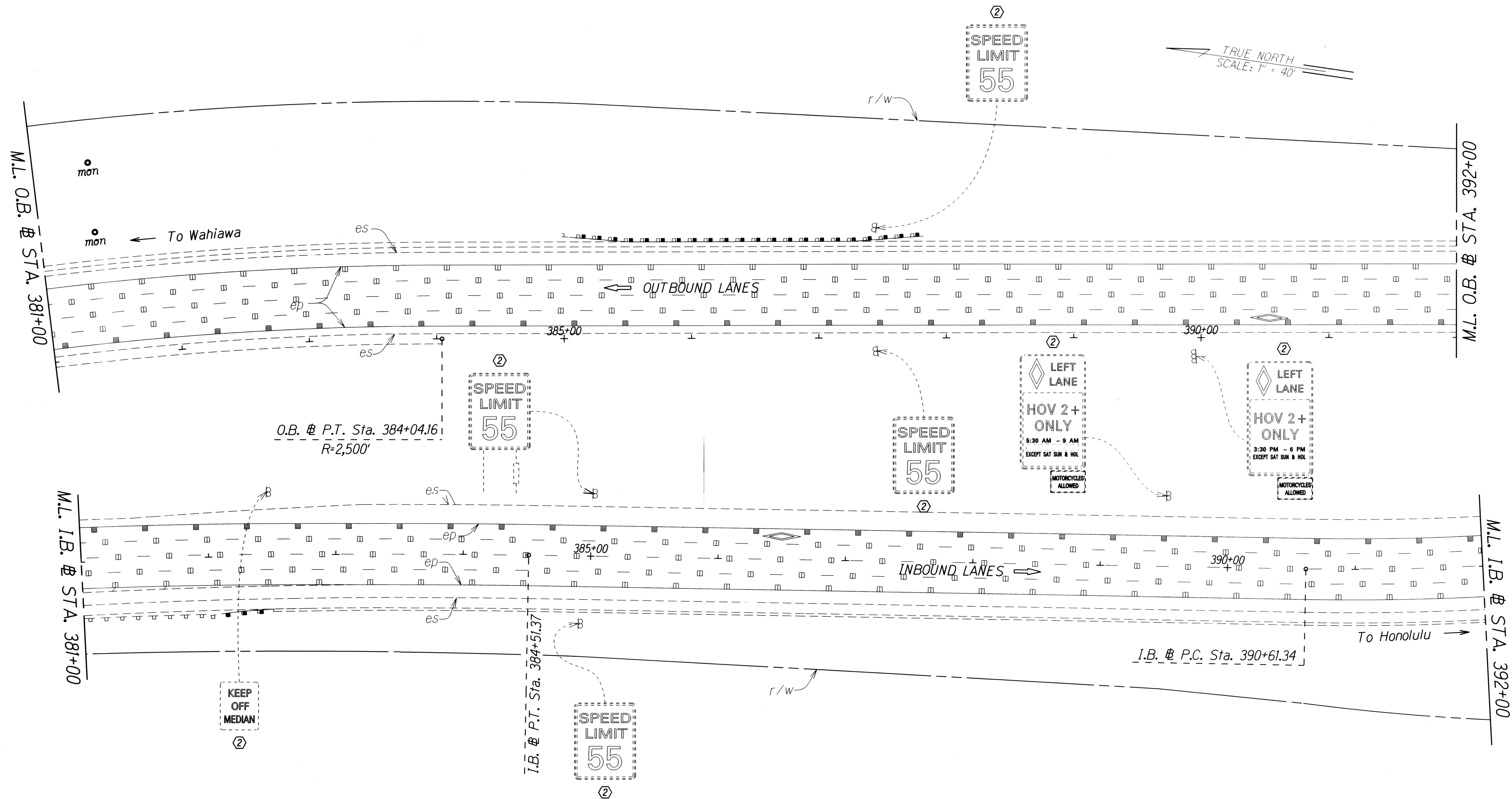
Note:
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. 1M-STP-0300(106)
Scale: 1" = 40'
Date: July, 2017

SHEET No. T32 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	167	193



KEY:

- ① Exist. Sign(s) to Remain
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Note:

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

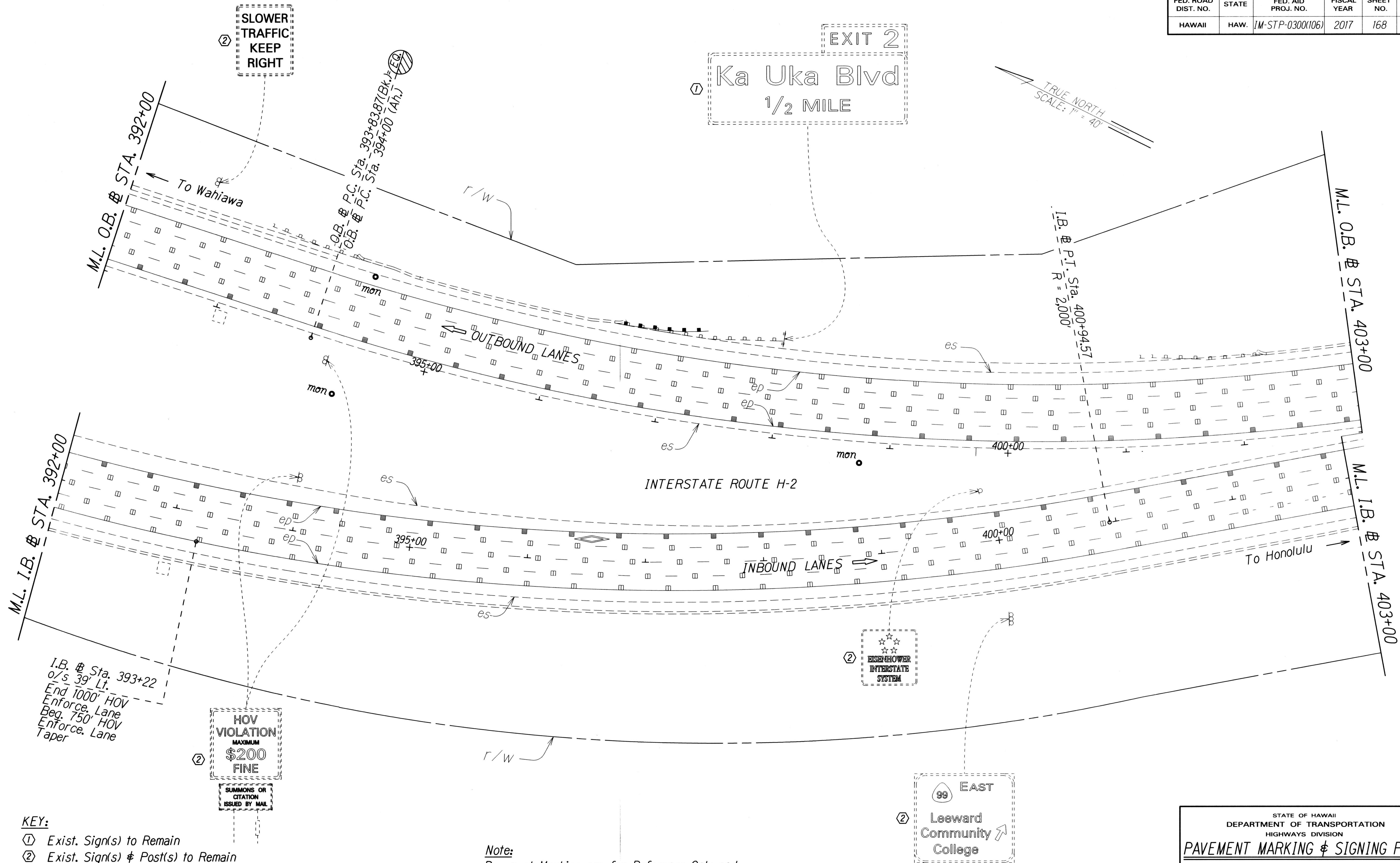
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. 733 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	168	193



KEY:

- ① Exist. Sign(s) to Remain
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- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
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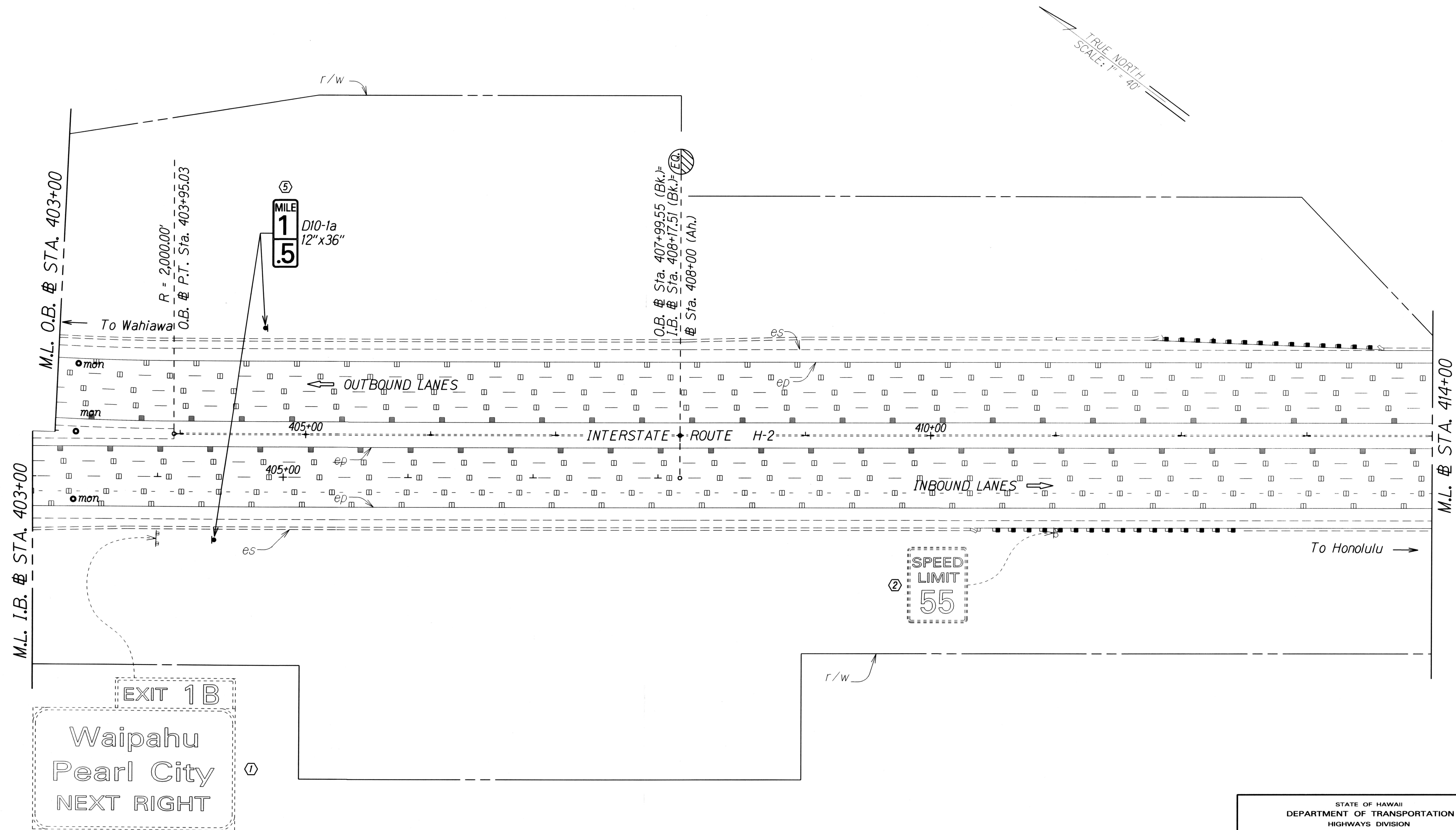
ORIGINAL PLAN	SURVEY PLOTTED BY
NOTE BOOK	DRAWN BY
QUANTITIES BY	DESIGNED BY
CHECKED BY	DATE

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017

SHEET No. T34 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	169	193



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

- KEY:
- ① Exist. Sign(s) to Remain
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

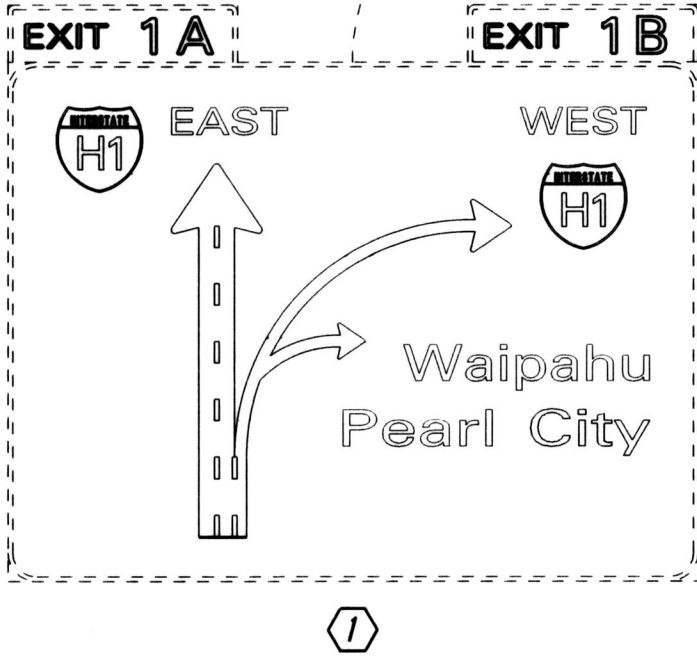
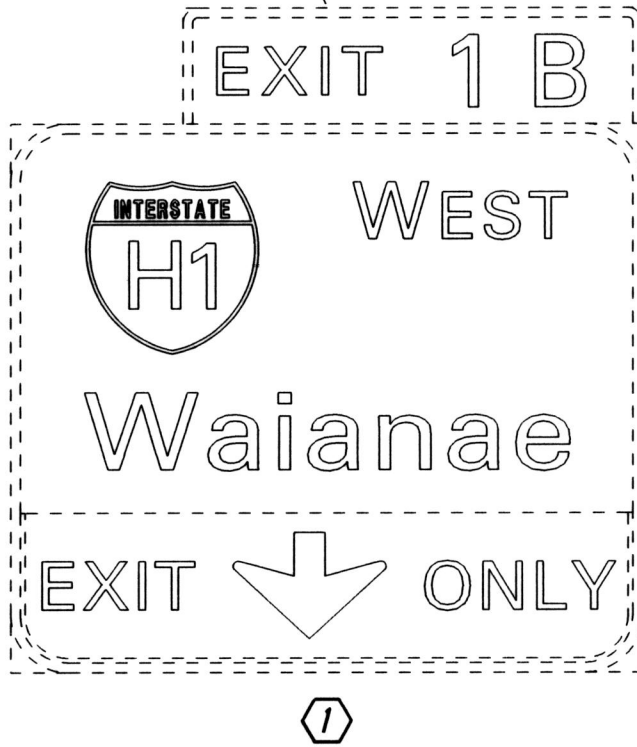
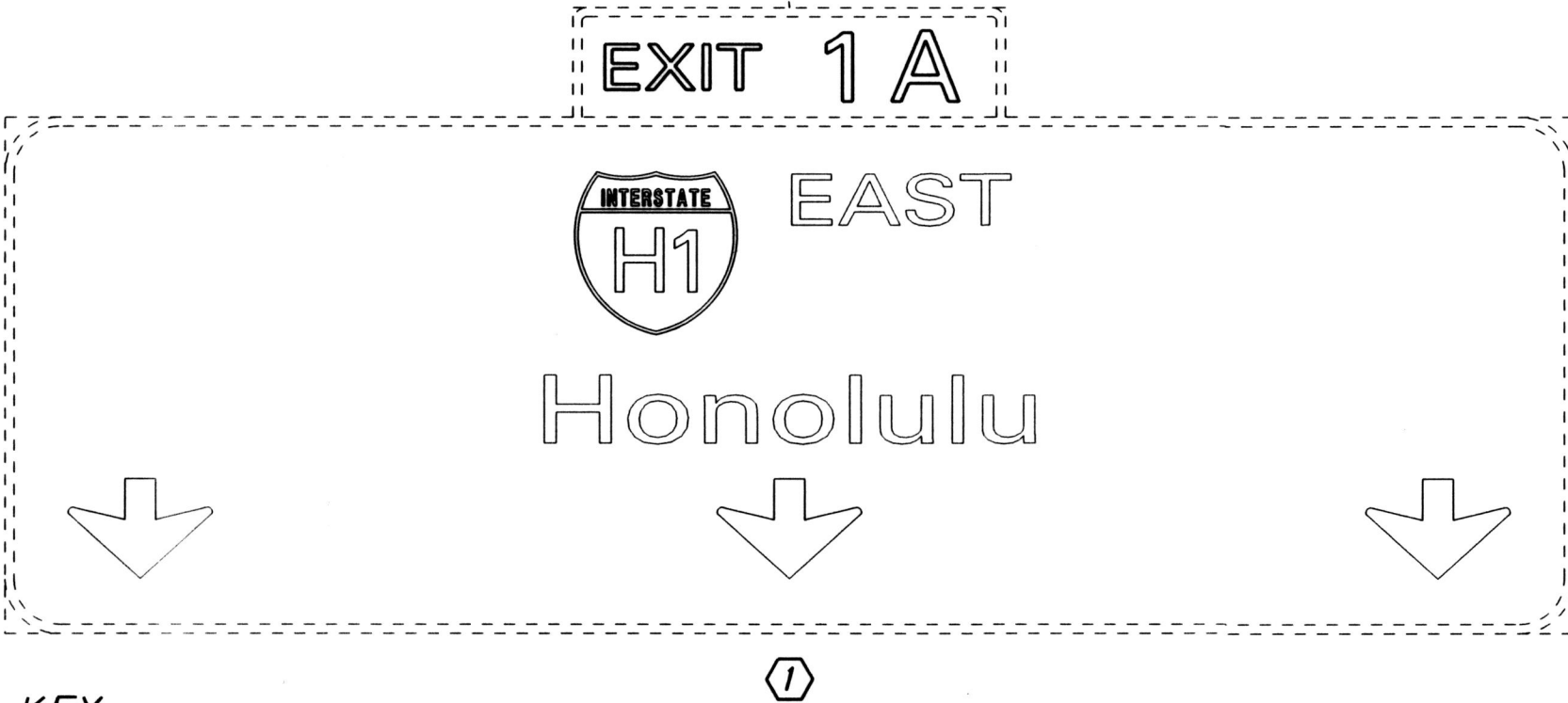
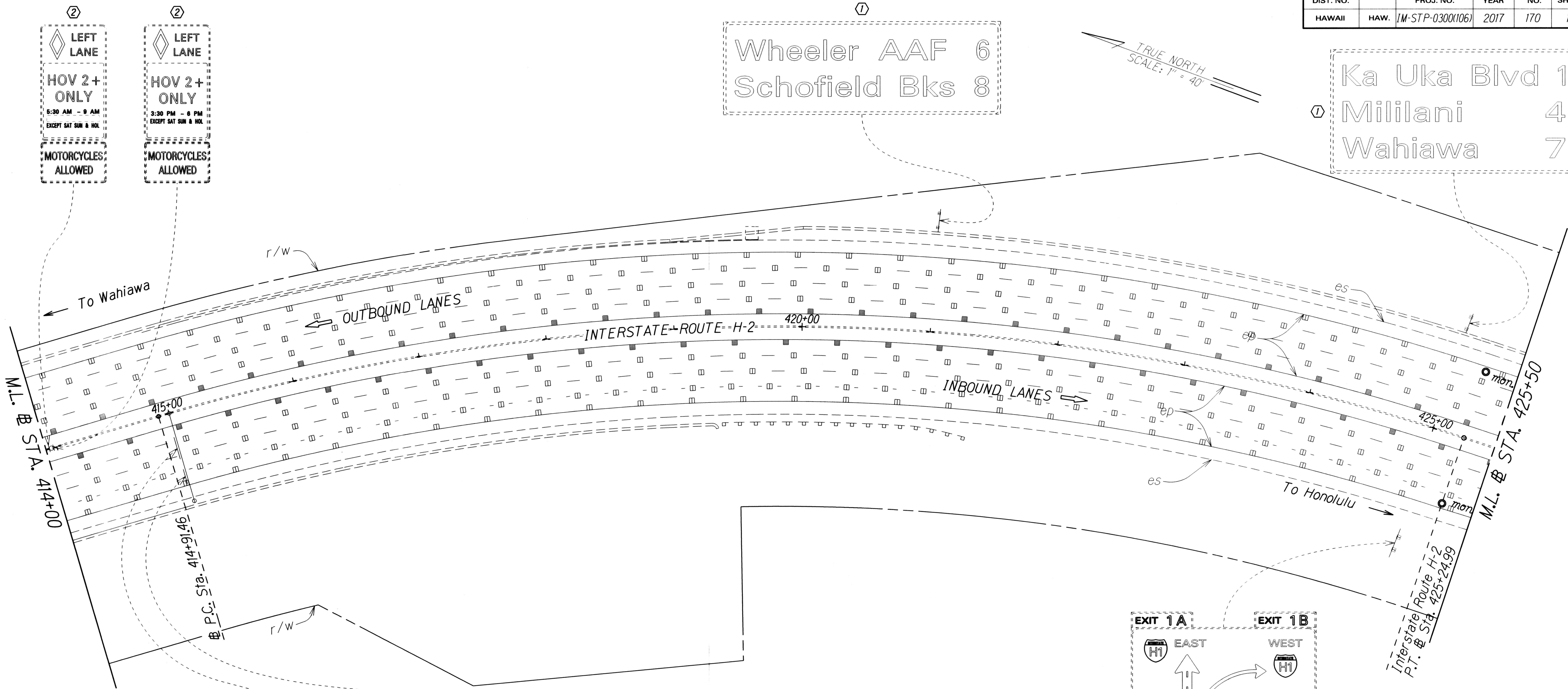
Guardrail and Shoulder Improvements

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

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

SHEET No. T35 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	170	193



- KEY:**
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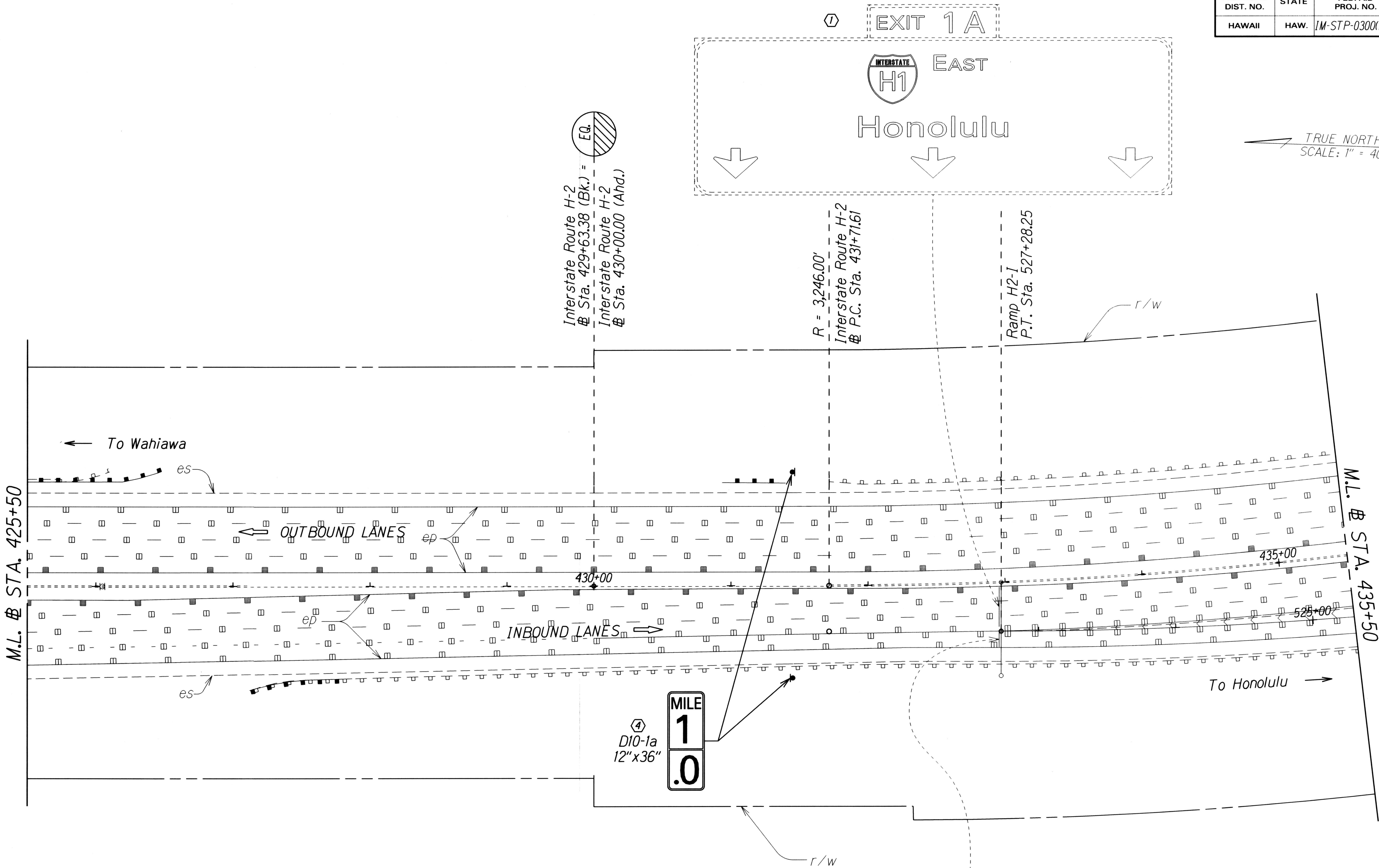
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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY
Guardrail and Shoulder Improvements
Federal-Aid Project No. 1M-STP-0300(106)
Scale: 1" = 40' Date: July, 2017
SHEET No. T36 OF 51 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
QUANTITIES BY	DESIGNED 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	171	193



KEY:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

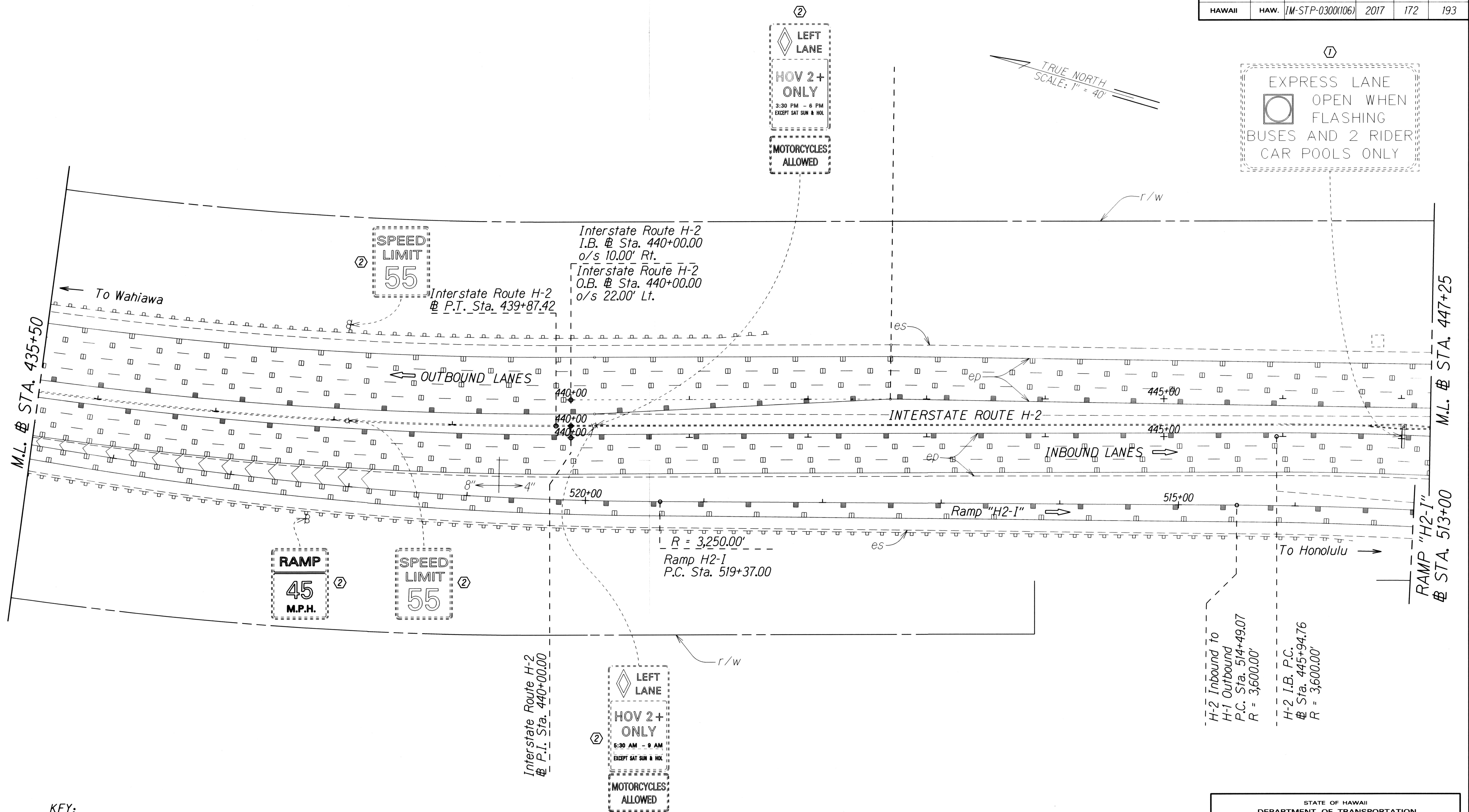
PAVEMENT MARKING & SIGNING PLAN

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

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

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	172	193



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

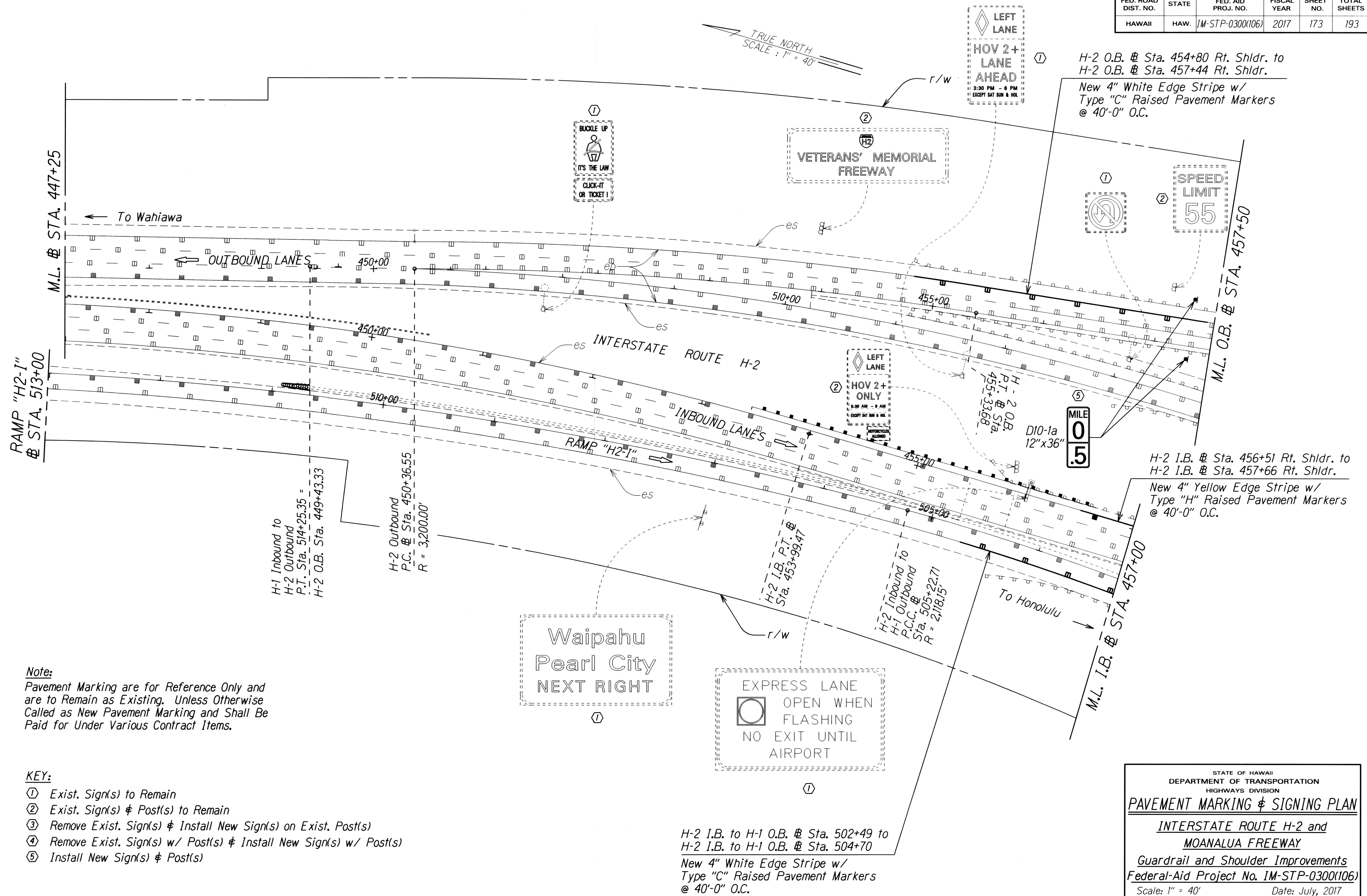
**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

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

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

SHEET No. 738 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	173	193



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. IM-STP-0300(106)

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

SHEET No. T39 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	174	193

- A

H-2 I.B. @ Sta. 456+51 to

H-2 I.B. @ Sta. 457+66

New 4" Yellow Edge Stripe w/

Type "H" Raised Pavement Markers

@ 40'-0" O.C.
- B

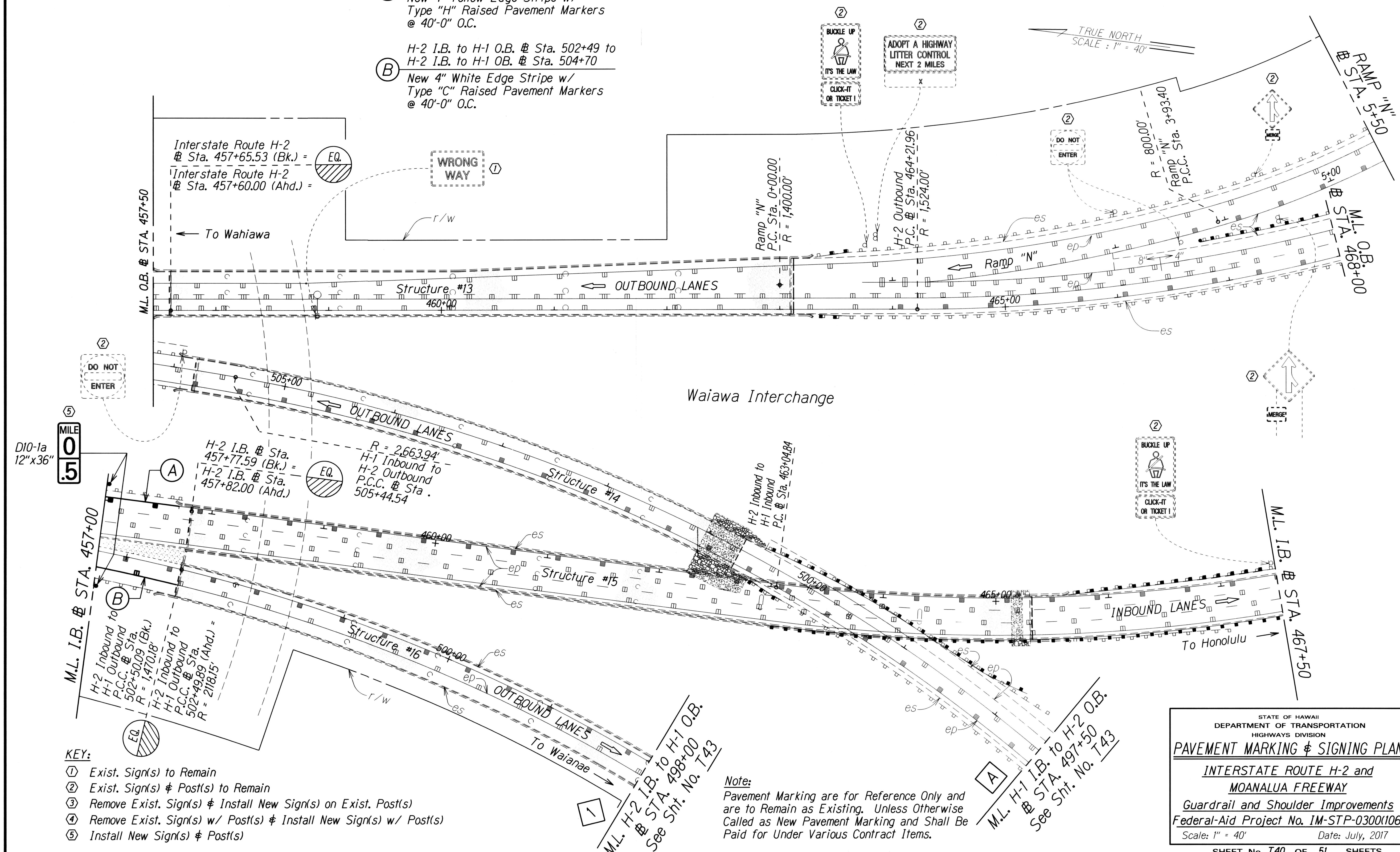
H-2 I.B. to H-1 O.B. @ Sta. 502+49 to

H-2 I.B. to H-1 O.B. @ Sta. 504+70

New 4" White Edge Stripe w/

Type "C" Raised Pavement Markers

@ 40'-0" O.C.



D10-1a
12"x36"

MILE
0.5

- KEY:
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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. IM-STP-0300(106)

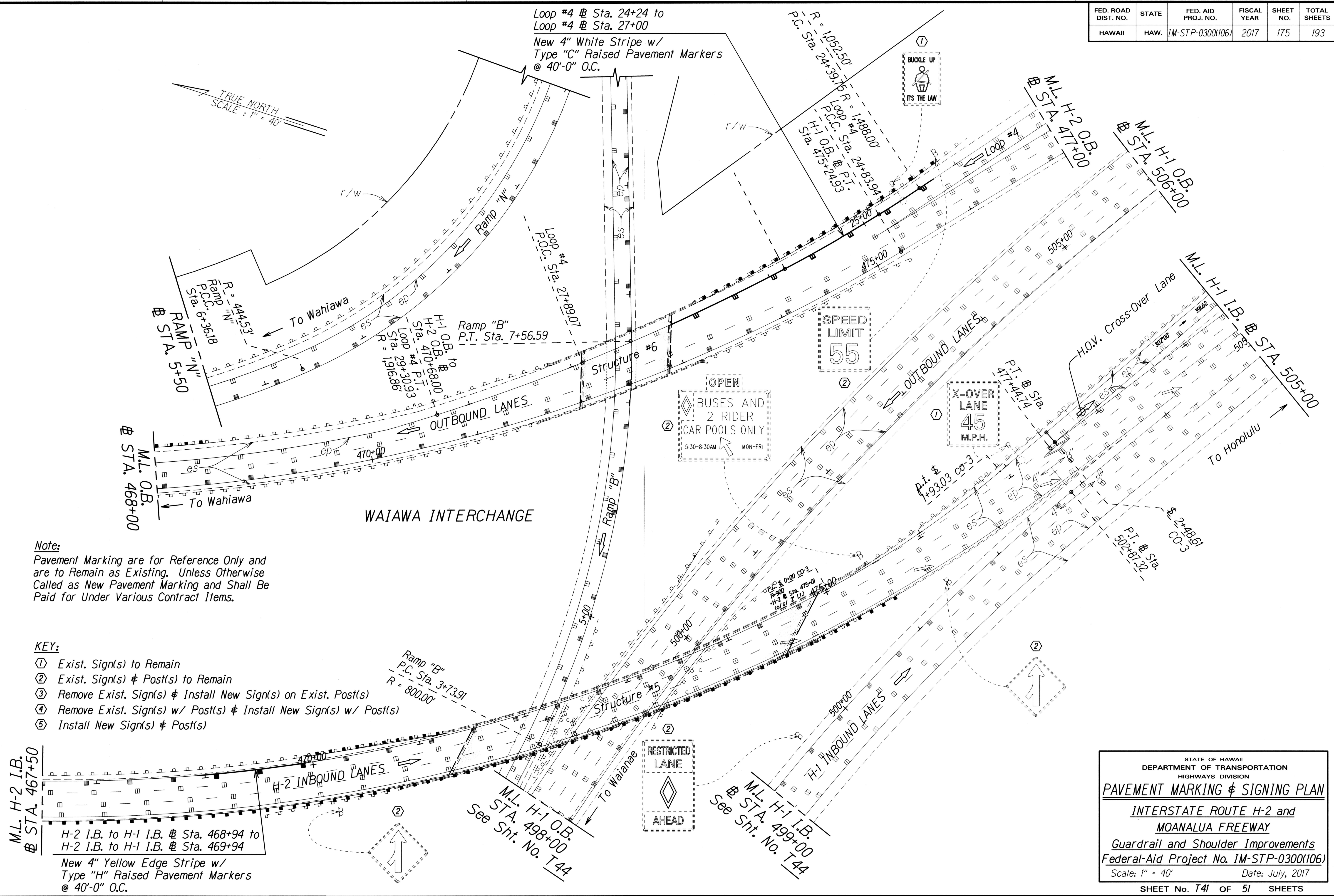
Scale: 1" = 40'

Date: July, 2017

SHEET No. T40 OF 51 SHEETS

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
DESIGNED BY	DRIVEN BY	
QUANTITIES BY	CHECKED BY	
4/21/17		

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	175	193



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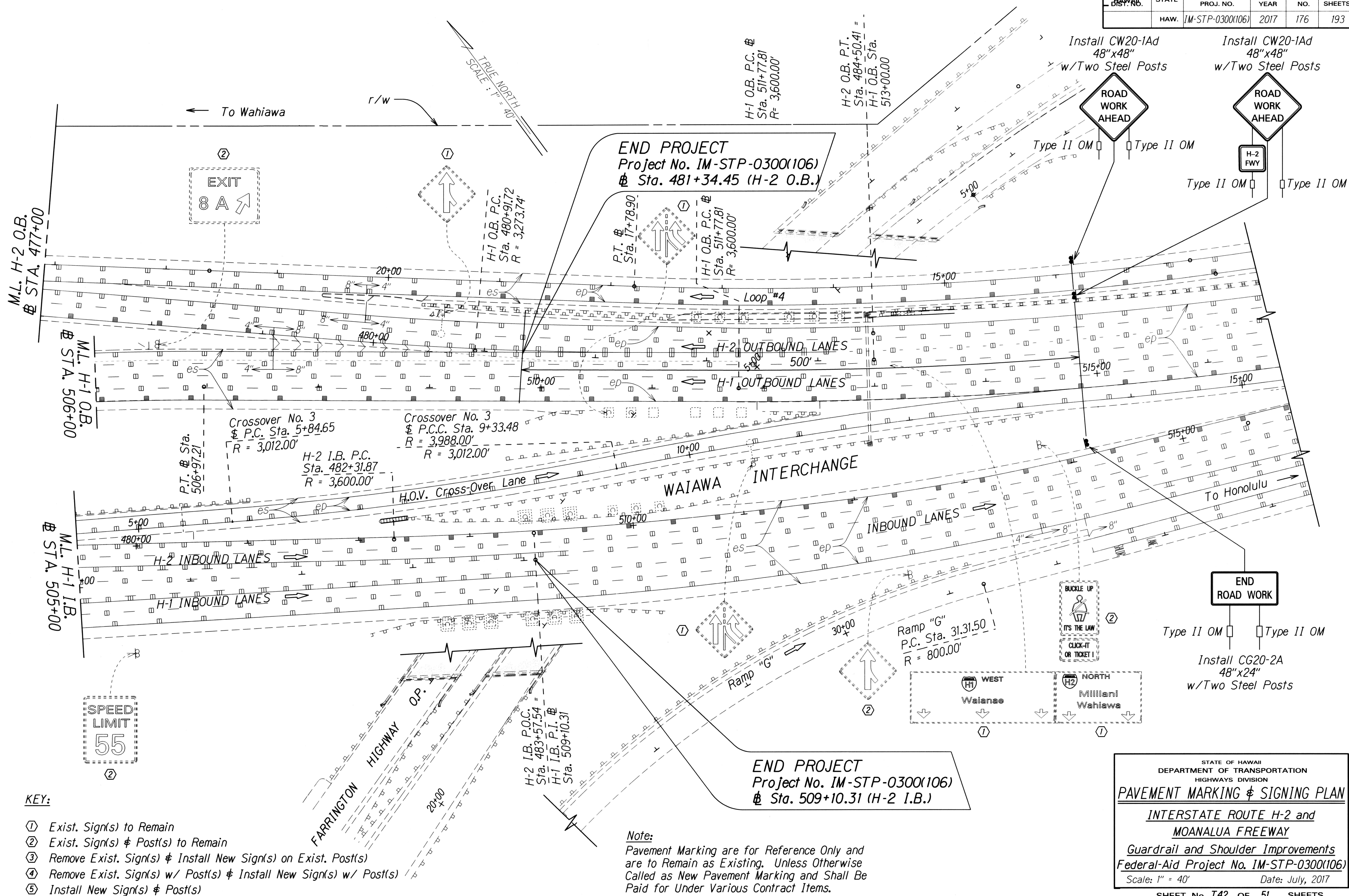
- KEY:**
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ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BOOK	DRAWN BY	
DESIGNED BY	TRACED BY	
CHECKED BY		

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017
SHEET No. T41 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	HAW.	IM-STP-0300(106)	2017	176	193



KEY:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

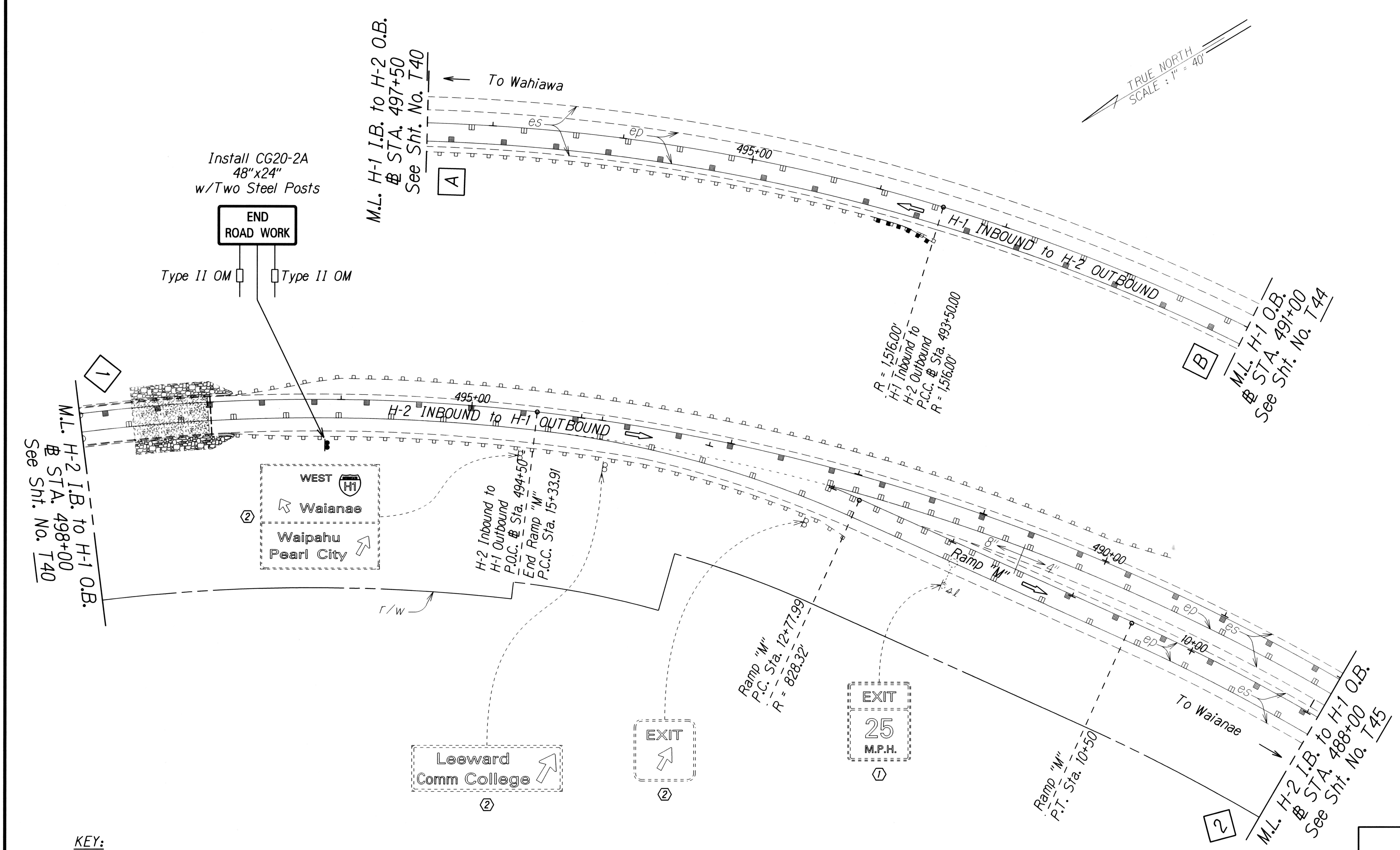
**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

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

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

SHEET No. T42 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	177	193



KEY:

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Note:

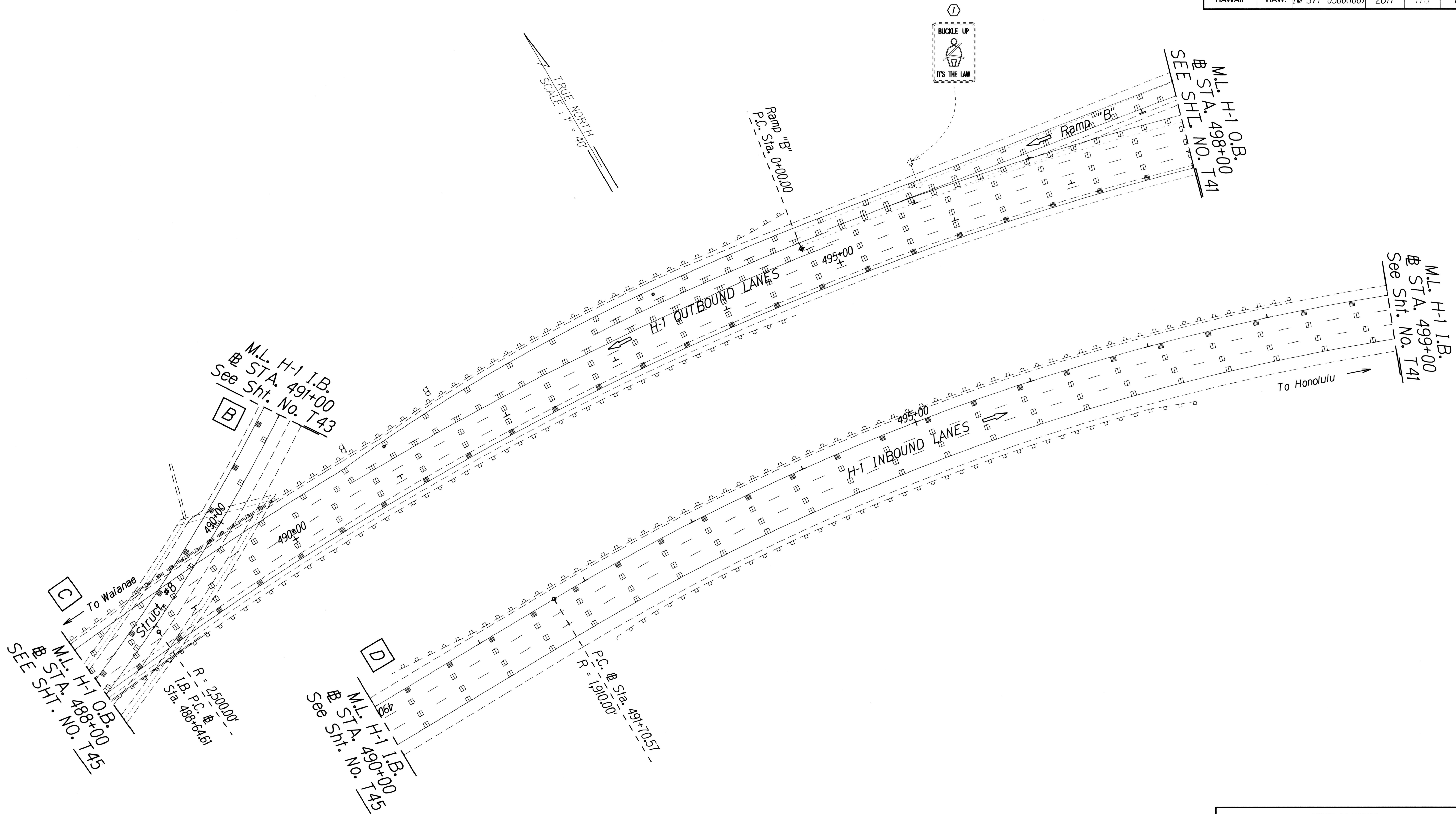
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ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
10/1	DESIGNED BY	
10/1	CHECKED BY	
10/1		

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017
SHEET No. T43 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	178	193



- KEY:**
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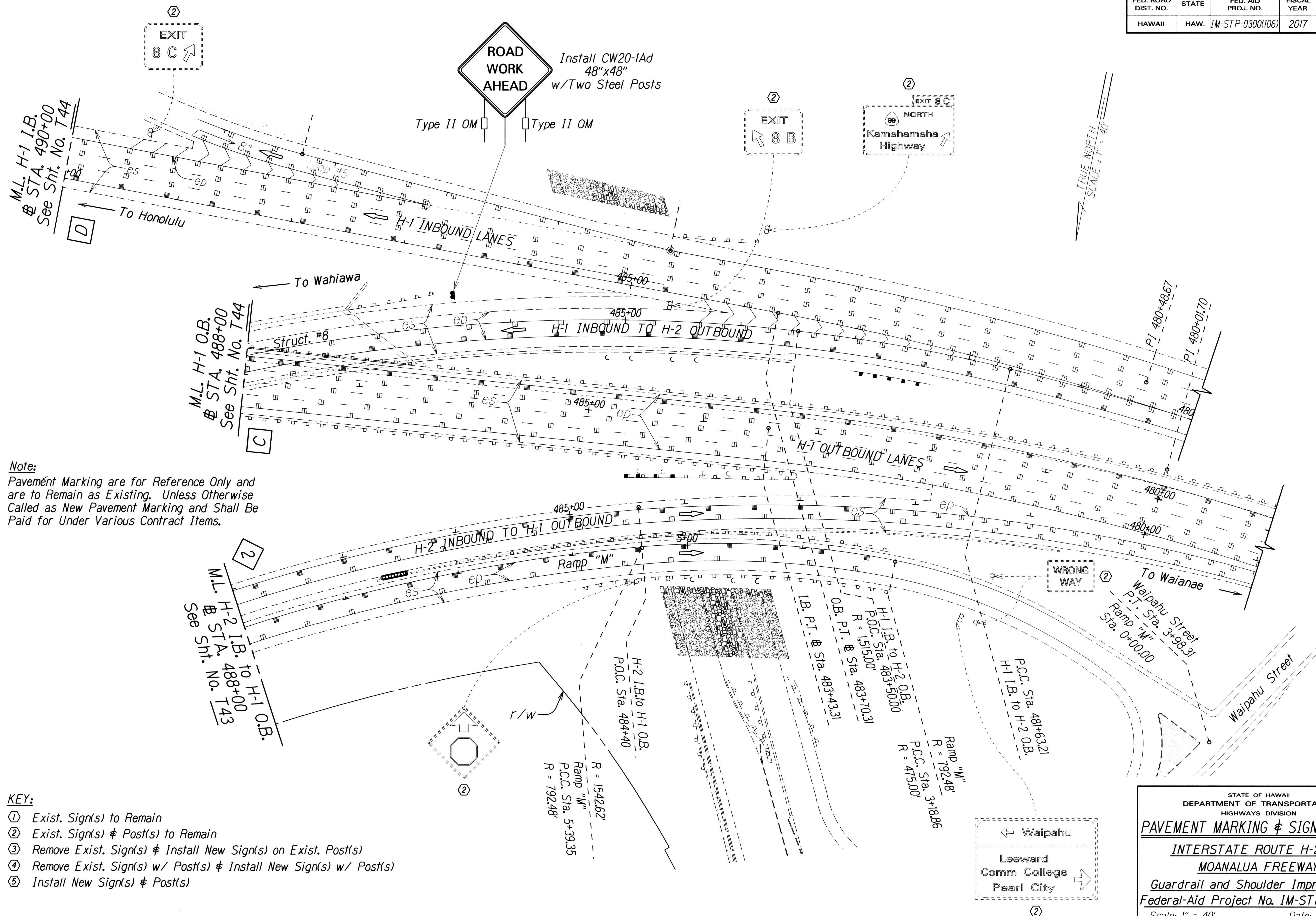
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
QUANTITIES BY	DESIGNED BY	
CHECKED BY		

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017

SHEET No. T44 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	179	193



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

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

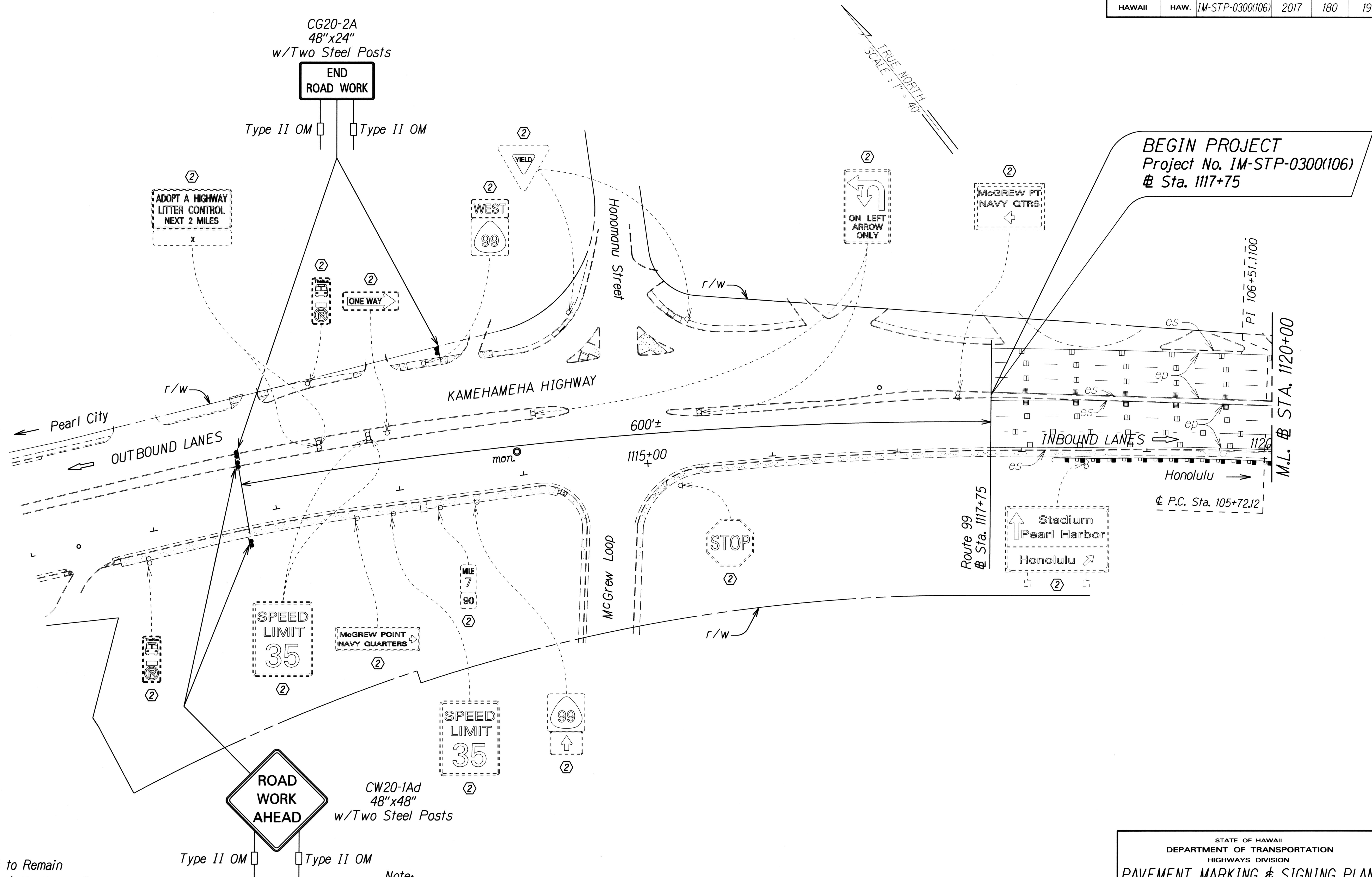
Guardrail and Shoulder Improvements

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

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

SHEET No. T45 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	180	193



KEY:

- ① Exist. Sign(s) to Remain
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SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NOTED BY	
APPROVED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

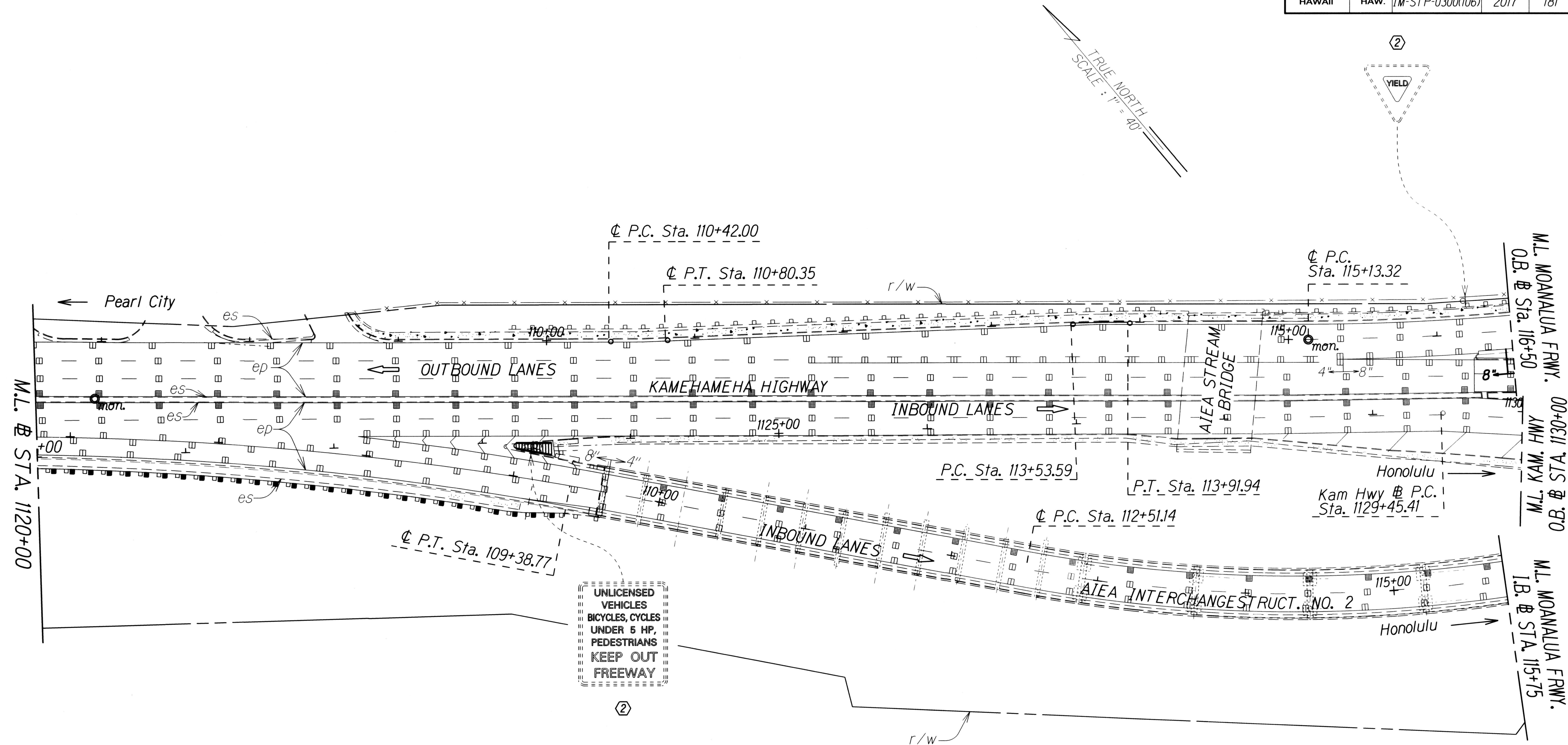
INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY

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

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

SHEET No. T46 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1M-STP-0300(106)	2017	181	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
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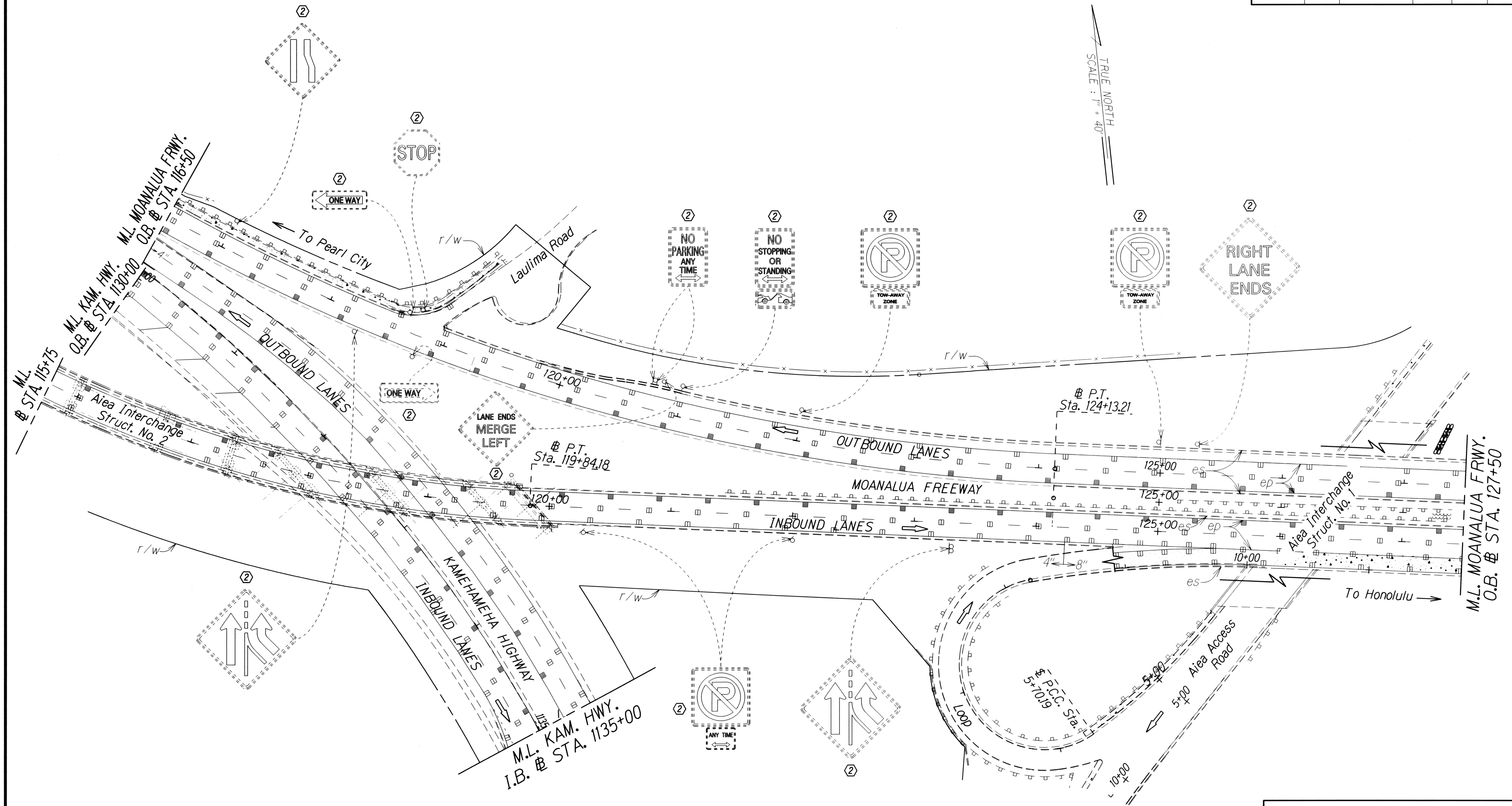
ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTED BOOK	DRAWN BY	
DESIGNED BY	CHECKED BY	
APPROVED BY		

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. 1M-STP-0300(106)
 Scale: 1" = 40' Date: July, 2017

SHEET No. T47 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	182	193



KEY:

- ① Exist. Sign(s) to Remain
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ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	
QUANTITIES BY	CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

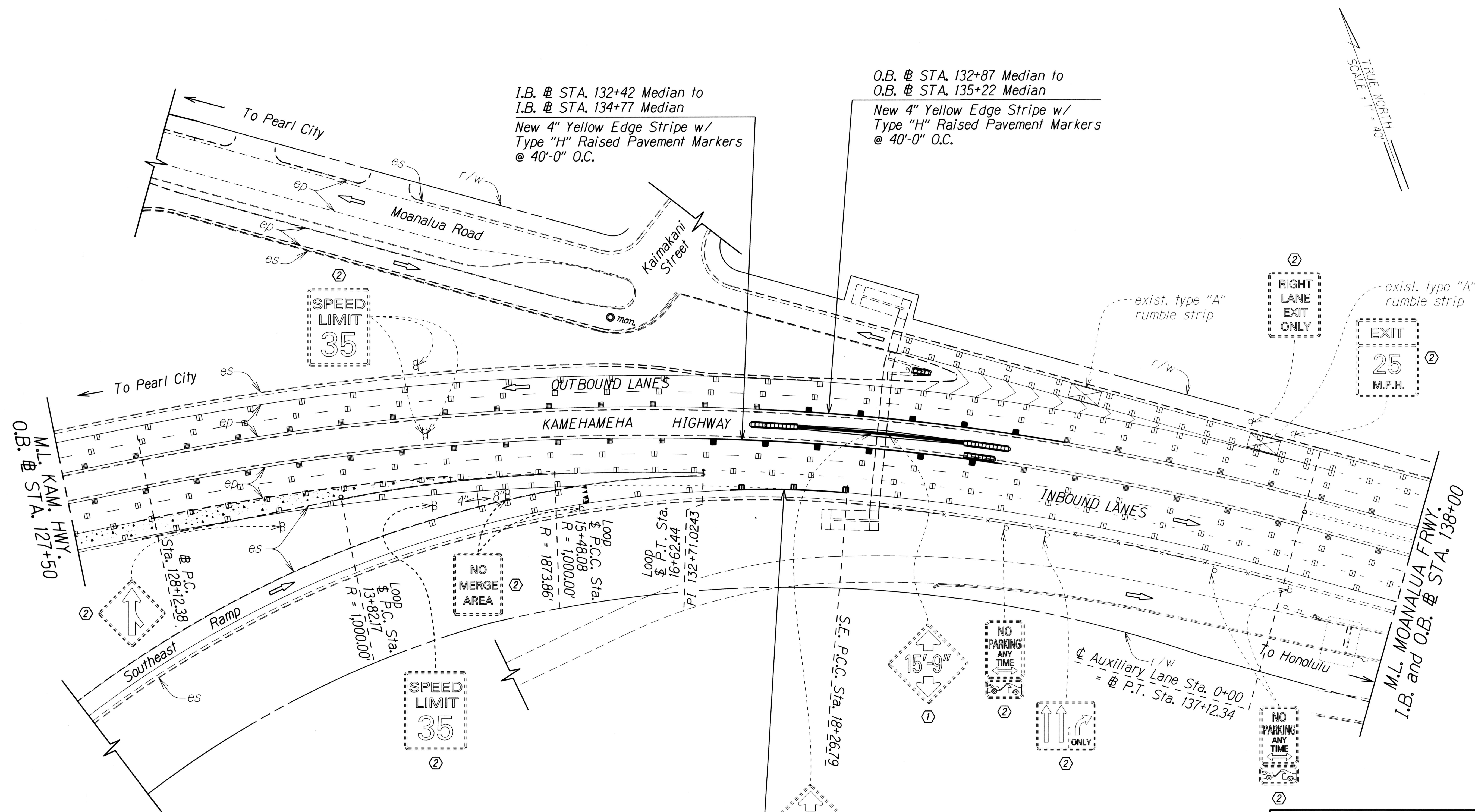
**INTERSTATE ROUTE H-2 and
MOANALUA FREEWAY**

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

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

SHEET No. 148 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	183	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

I.B. & STA. 132+67 Rt. Shldr. to
I.B. & STA. 133+97 Rt. Shldr.
New 4" White Edge Stripe w/
Type "C" Raised Pavement Markers
@ 40'-0" O.C.

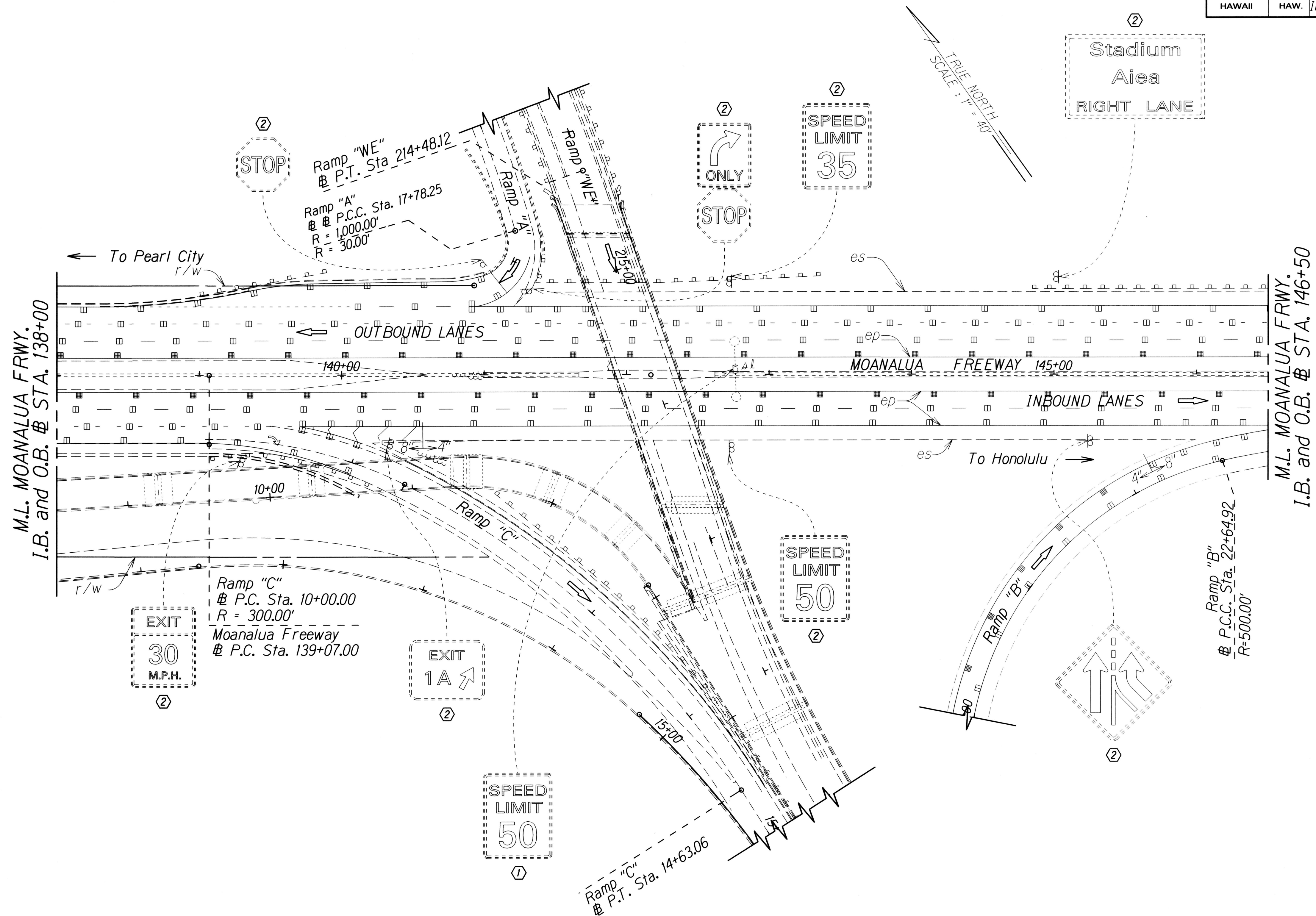
Note:

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.

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

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. IM-STP-0300(106)
Scale: 1" = 40' Date: July, 2017
SHEET No. T49 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	184	193



KEY:

- ① Exist. Sign(s) to Remain
- ② Exist. Sign(s) & Post(s) to Remain
- ③ Remove Exist. Sign(s) & Install New Sign(s) on Exist. Post(s)
- ④ Remove Exist. Sign(s) w/ Post(s) & Install New Sign(s) w/ Post(s)
- ⑤ Install New Sign(s) & Post(s)

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PAVEMENT MARKING & SIGNING PLAN

INTERSTATE ROUTE H-2 and MOANALUA FREEWAY

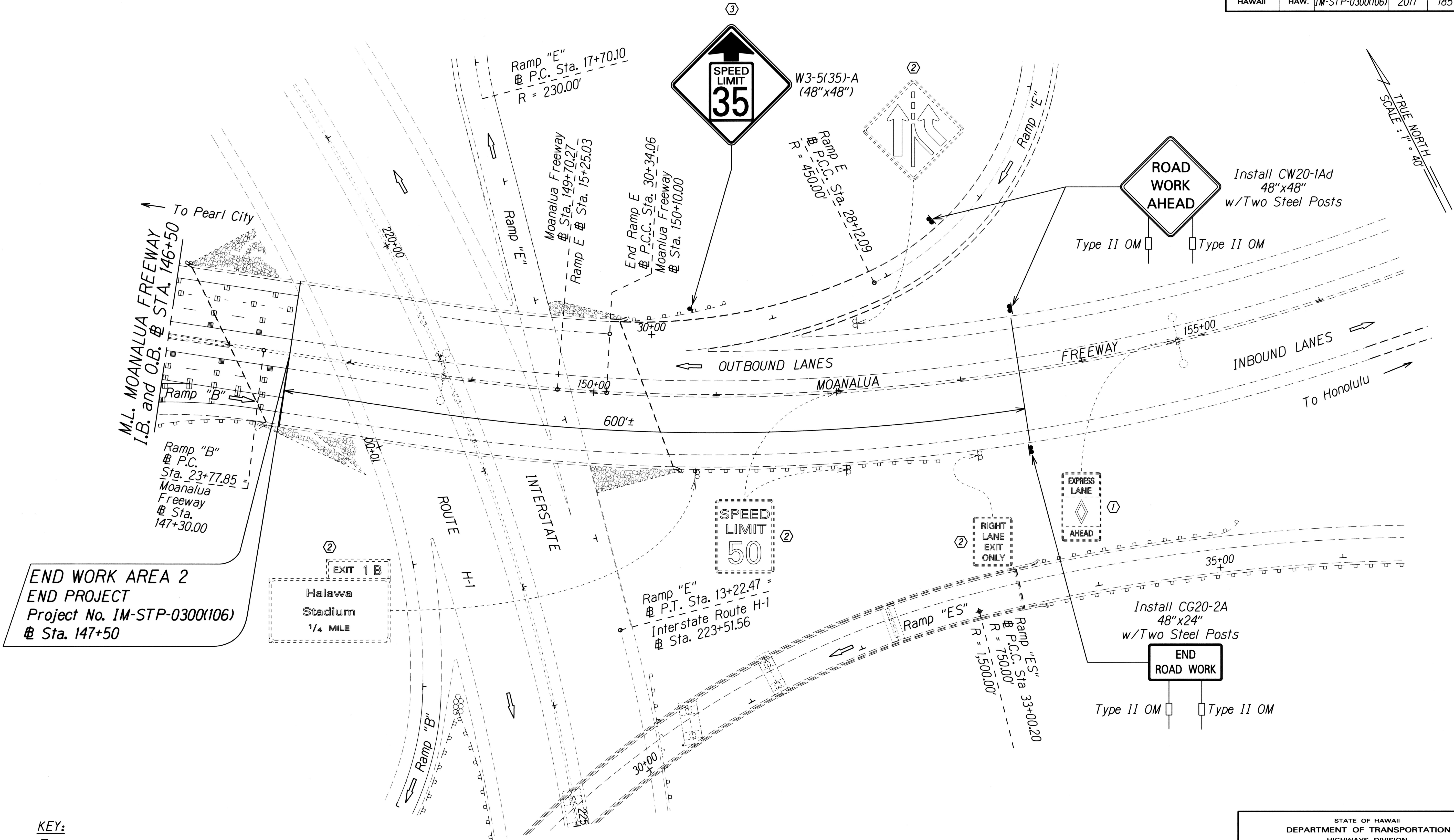
Guardrail and Shoulder Improvements

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

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

SHEET No. 184 OF 51 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IM-STP-0300(106)	2017	185	193



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

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. IM-STP-0300(106)

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

SHEET No. 185 OF 193 SHEETS