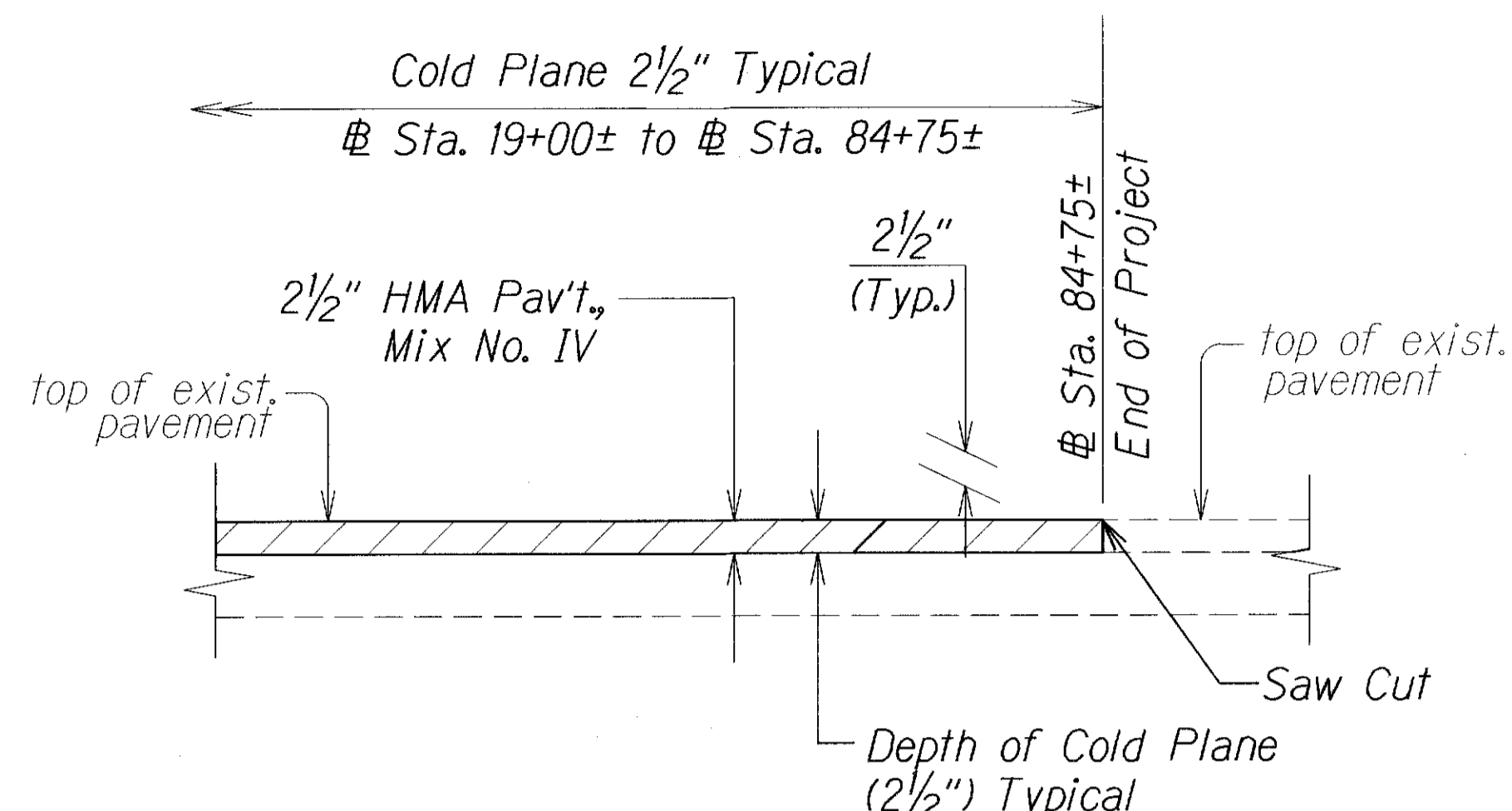
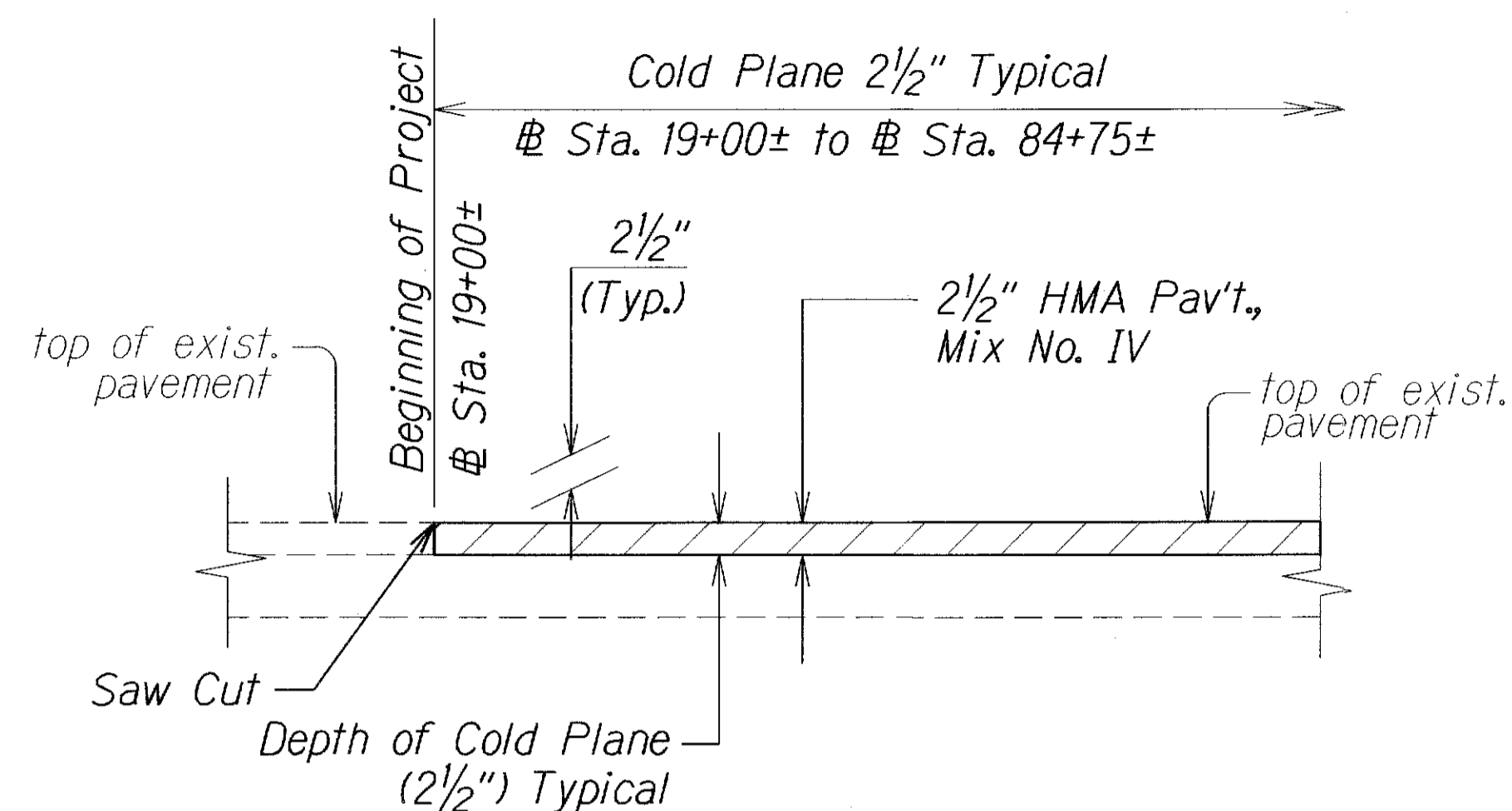
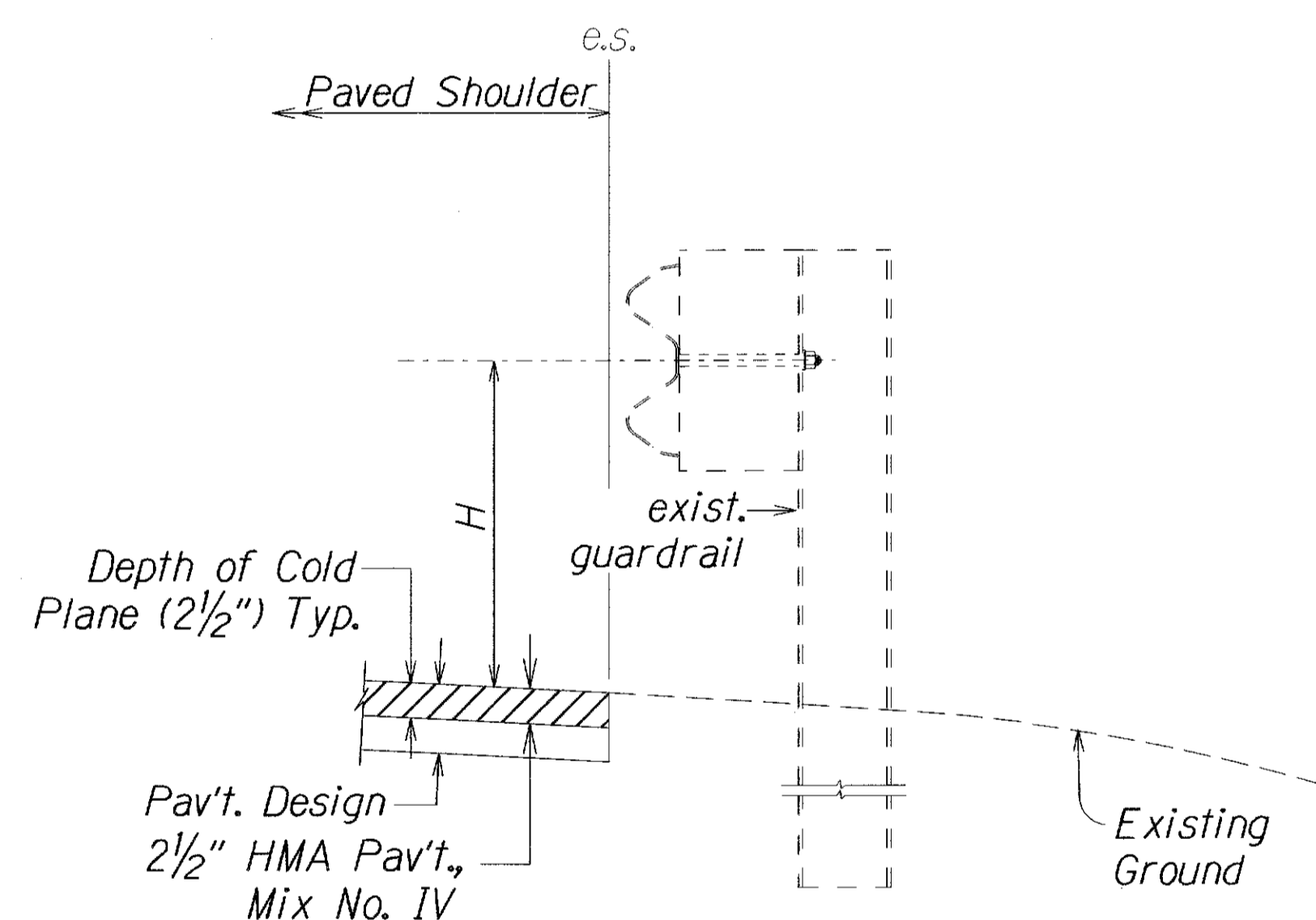



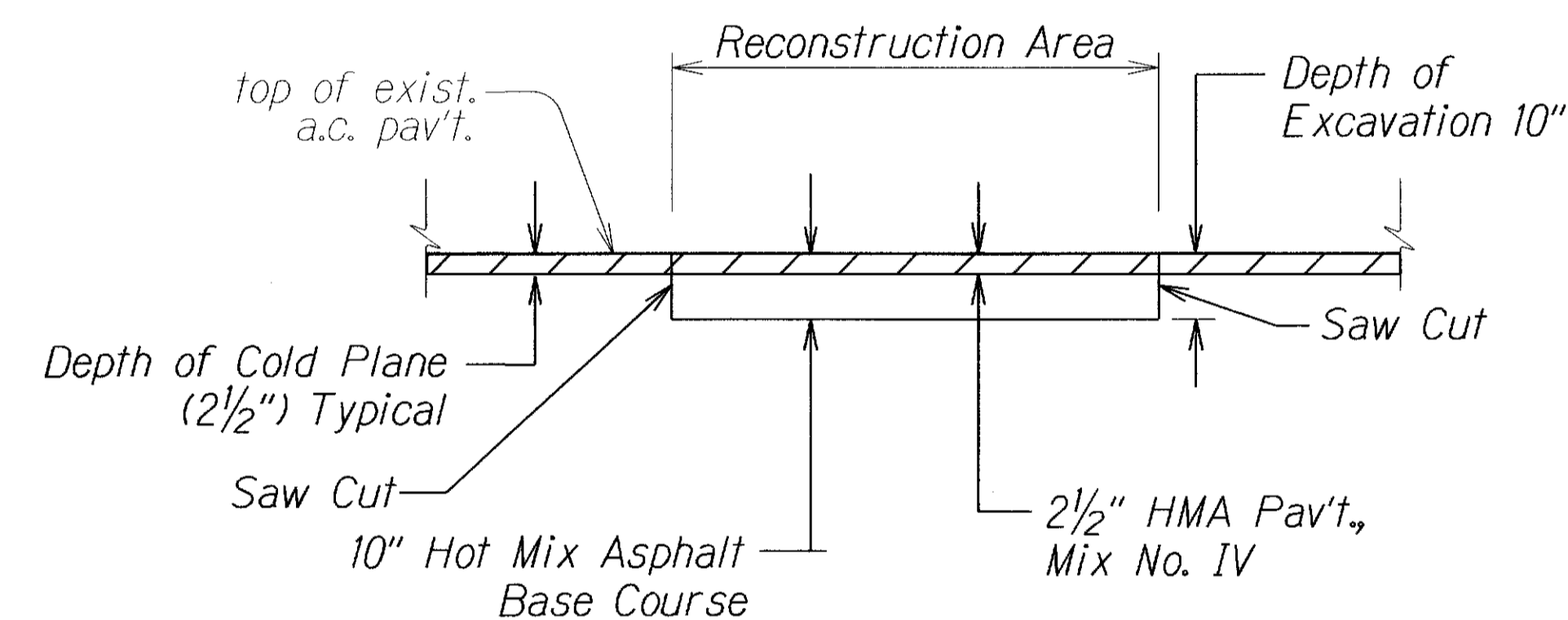
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	2017	ADD. 9	21



COLD PLANED TRANSITION TO EXISTING A.C. PAVEMENT AT THE BEGINNING AND END OF PROJECT



RESURFACING AT GUARDRAIL 
Not to Scale




Notes for Reconstruction Areas:

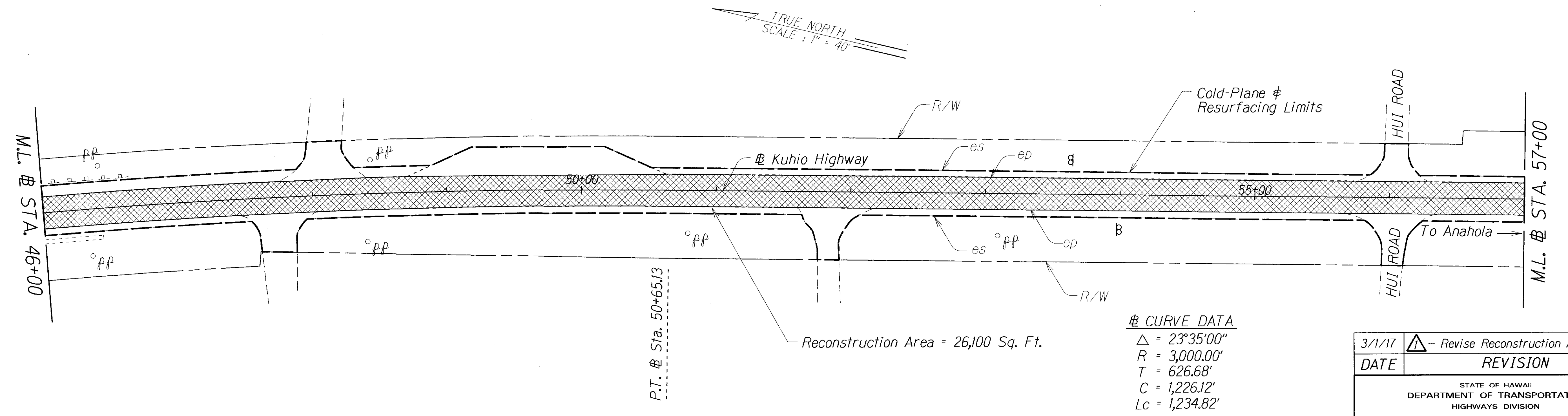
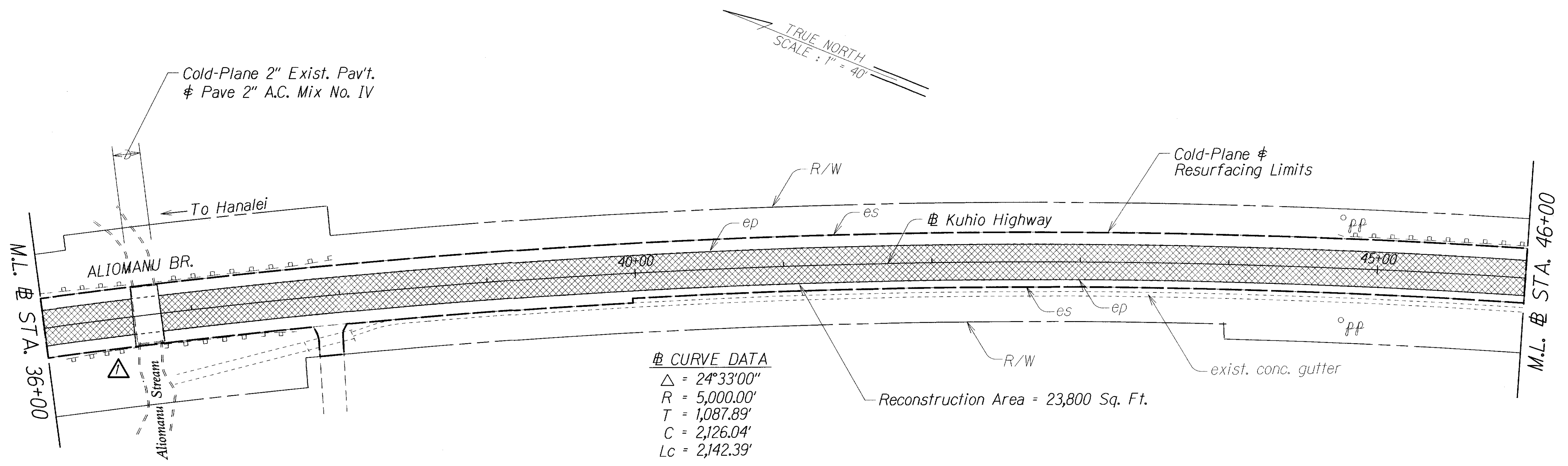
1. Reconstruct weakened pavement areas prior to cold plane.
2. The exposed remaining base course or subbase materials should be properly recompact to dense and unyielding conditions prior to placement of the asphalt concrete base layer.

A.C. PAVEMENT RECONSTRUCTION DETAIL
Not to Scale

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

3/1/17	 - Revise Resurfacing at Guardrail Detail
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
TYPICAL SECTIONS	
KUHIO HIGHWAY RESURFACING Papaa Road to Aliumano Road (South) Project No. 56C-01-15M	
Not to Scale	Date: March 2017
SHEET No. 3 OF 3 SHEETS	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	2017	ADD. 11	21








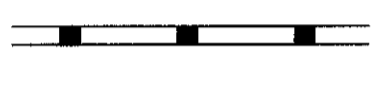
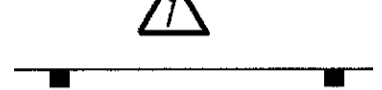






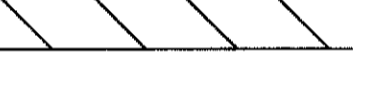
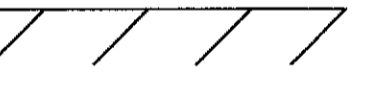
DATE	
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
DATE	
NO.	

3/1/17	△ - Revise Reconstruction Area
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
ROADWAY PLAN	
KUHIO HIGHWAY RESURFACING Papaa Road to Aliomanu Road (South) Project No. 56C-01-15M	
Scale: 1" = 40'	Date: March 2017
SHEET No. 2 OF 4 SHEETS	


ADD. 11

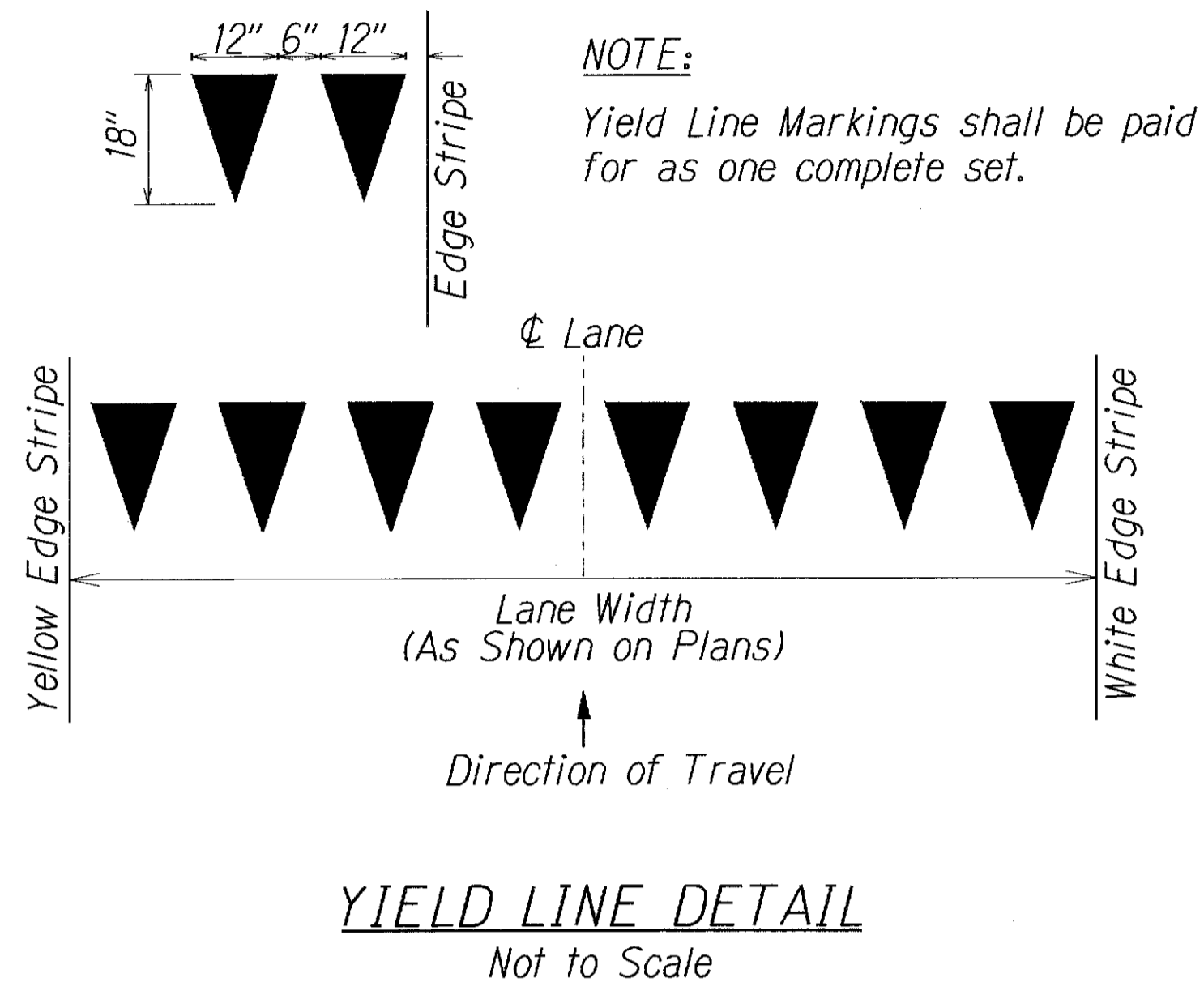
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	2017	ADD. 14	21

LEGEND

-  4" Wide x 10.0 Long Yellow Stripe @ 40.0' o.c. (Tape, Type I or Thermoplastic Extrusion)
-  Type C 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 Stripes with Type D Raised Pavement Markers @ 10'-0" o.c. (Tape, Type I, Thermoplastic Extrusion or Thermoplastic Hot Spray)
-  4" Double Solid Yellow Stripes with Type H Raised Pavement Markers @ 10'-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)
-  Lane Change Restriction Marking
4" Wide x 10.0 Long Yellow Stripe @ 20.0' o.c. (Tape, Type I or Thermoplastic Extrusion)
-  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)
-  Pavement Arrow (Tape, Type III or Thermoplastic Extrusion)
-  Pavement Word (Tape, Type III or Thermoplastic Extrusion)



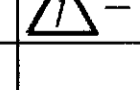
NOTES

1. Layout of pavement markings and striping shall be done by the Contractor and approved by the Engineer prior to any installation work.
2. 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.
3. Raised pavement markers shall not be installed within crosswalks.
4. Final locations of all signs shall be approved by the Engineer prior to any installation work.
5. 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.
6. Final locations of all stop lines shall be approved by the Engineer prior to installation.
7. All pavement striping shall be as noted on the legend or plans.
-  8. Pavement marking (Tape or Thermoplastic Extrusion) 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.
9. The Contractor shall erect at the beginning of the project and at the end of the project advance construction warning signs as indicated on the plans or as directed by the Engineer. The signs shall be kept in place for the duration of the project and shall be maintained by the Contractor. These signs shall be placed in addition to the required traffic control signs called for in Section 645 - Work Zone Traffic Control. The advance construction warning signs shall be new and become the property of the Contractor.
10. All sign panels shall conform to Section 630 of Special Provisions and the latest editions and amendments of the following FHWA publications:
 - a. "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD)
 - b. "Standard Highway Signs"
 - c. "Standard Alphabets for Highway Signs"
11. All Reflector Marker (RM-2) not protected by a vehicular barrier shall be mounted on a flexible delineator post unless otherwise directed by the Engineer.
12. Chevron Alignment signs shall be installed in the line with and at approximately a right angle to approximate traffic.



YIELD LINE DETAIL
Not to Scale

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

3/1/17	 - Revise Spacing of Markers
3/1/17	 - Revise Width of Stripe
3/1/17	 - Revise Note, No. 8
DATE	REVISION

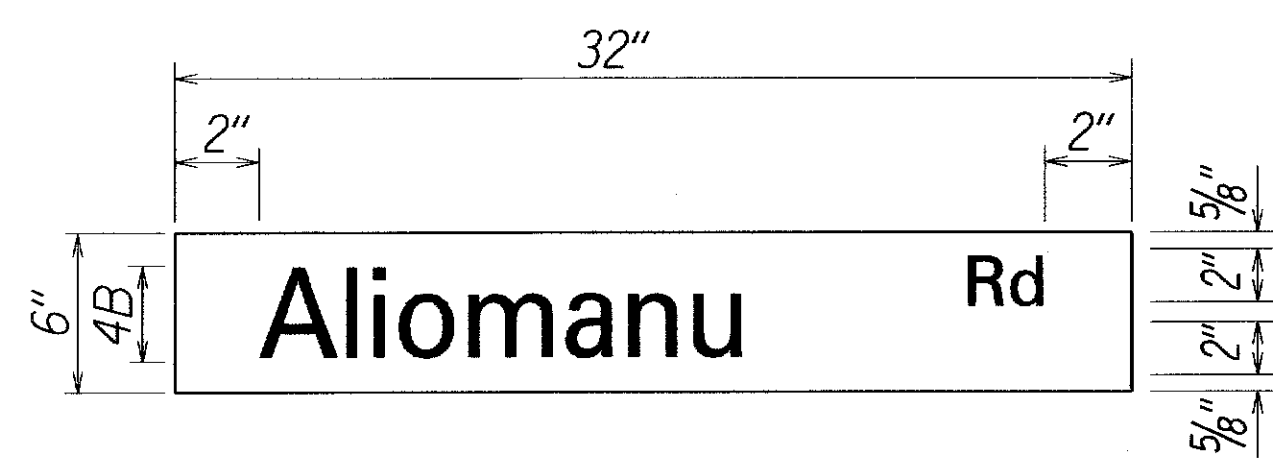
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**PAVEMENT MARKING LEGEND,
DETAILS, NOTES & SUMMARY**

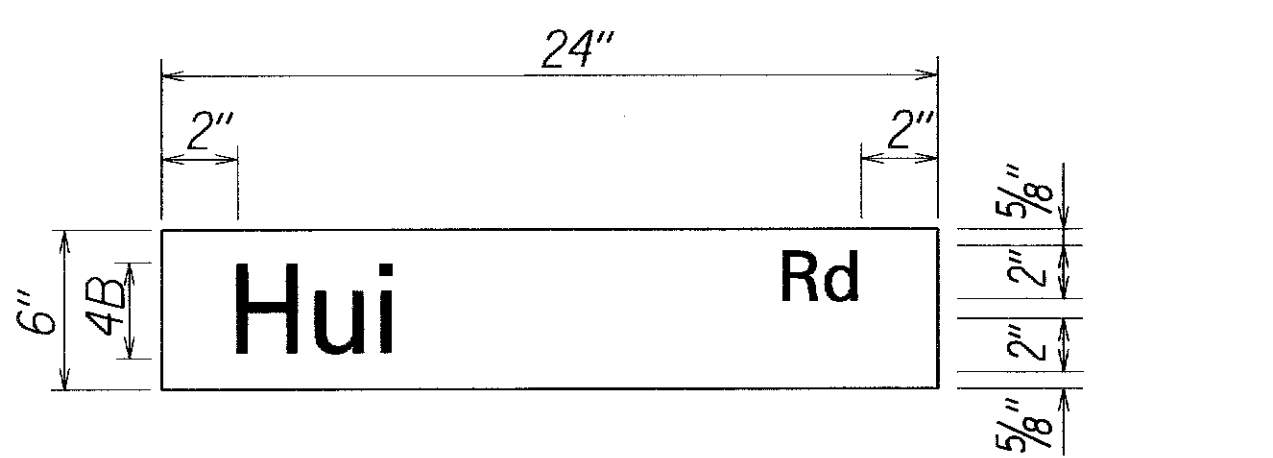
KUHIO HIGHWAY RESURFACING
Papaa Road to Aliomanu Road (South)
Proj. No. 56C-01-15M

Date: August 2016

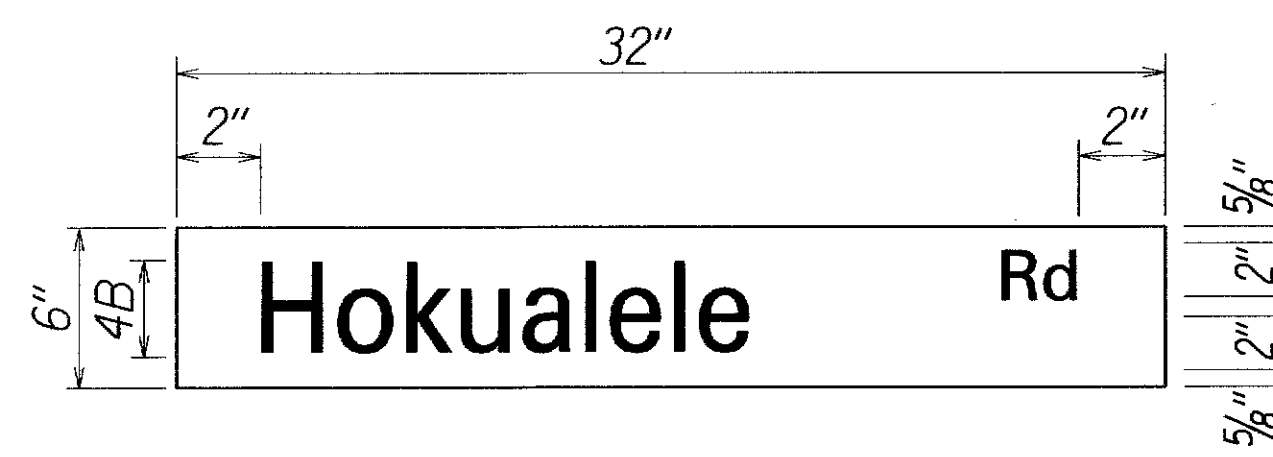
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56C-01-15M	17	ADD. 20	21



D3-1-1
NOT TO SCALE



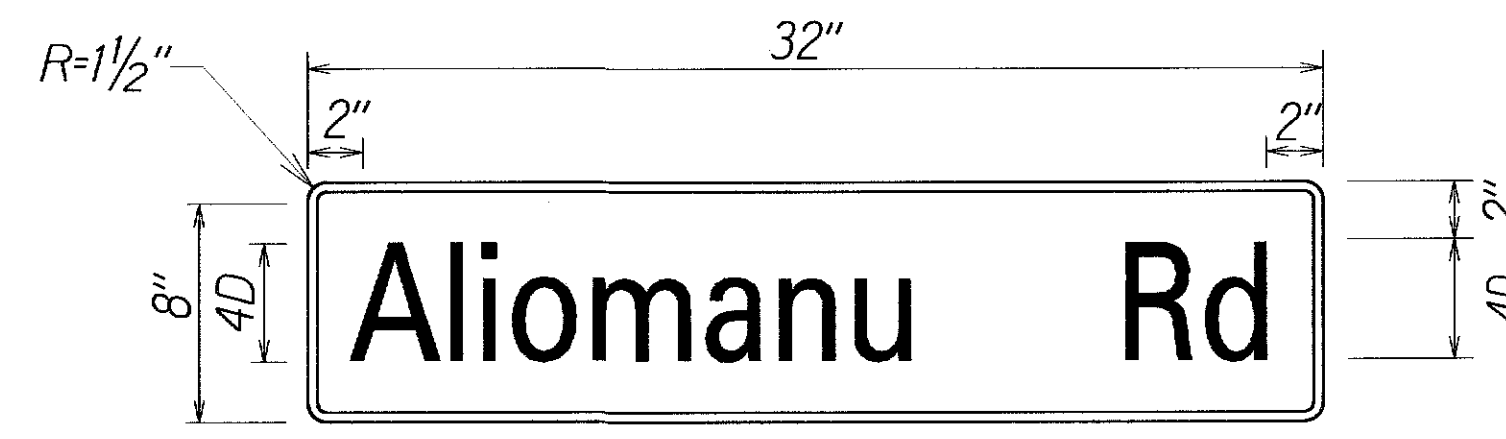
D3-1-2
NOT TO SCALE



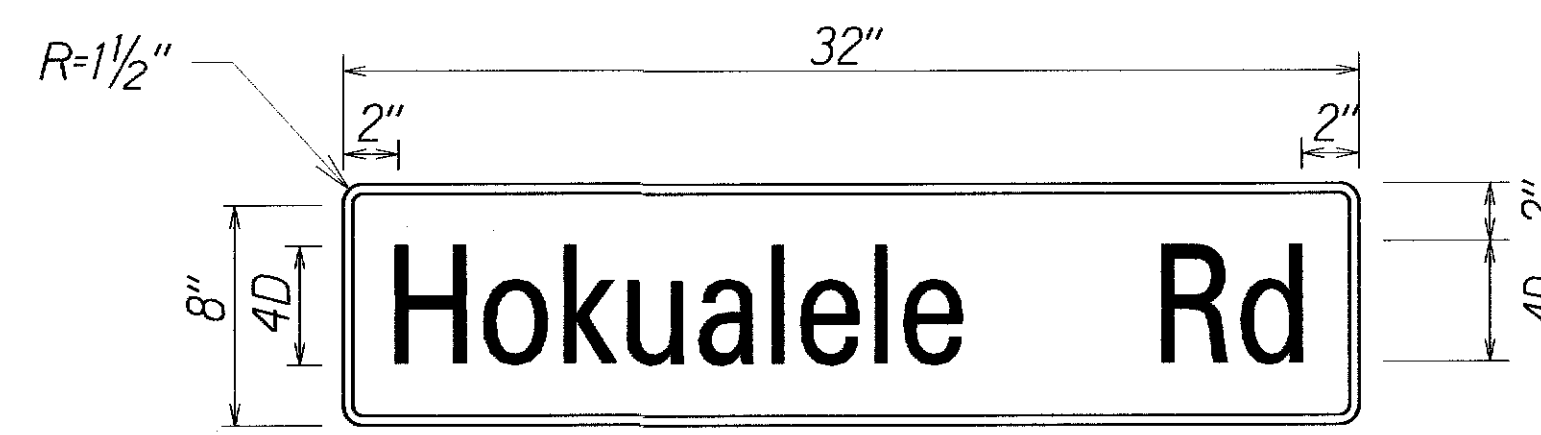
D3-1-3
NOT TO SCALE

STREET NAME SIGN

Note: Street Name Sign (D3-1) shall be installed on top of stop sign (R1-1) and shall be made on both faces of the plate.



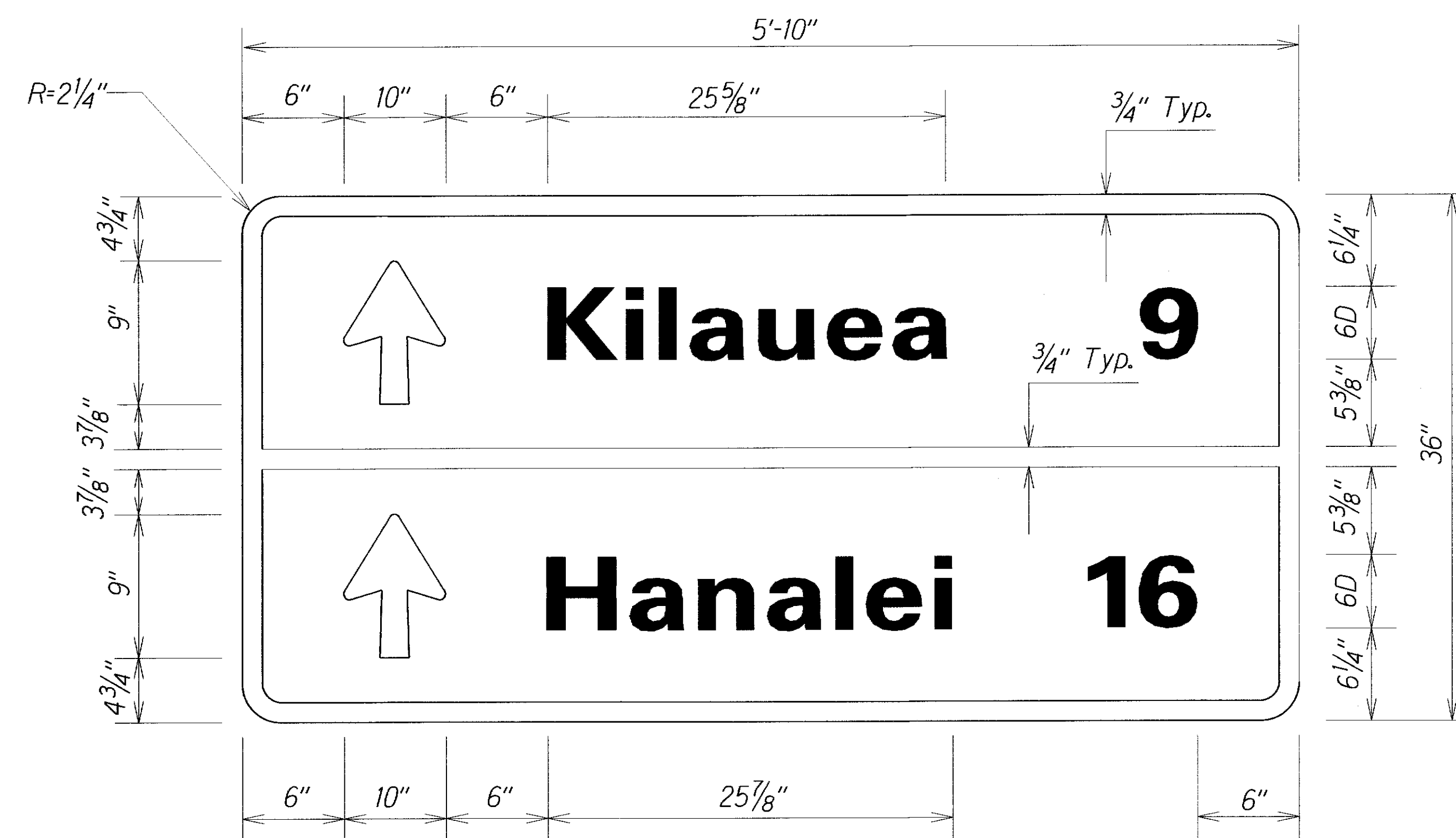
W16-8-1
NOT TO SCALE



W16-8-2
NOT TO SCALE

SUPPLEMENTAL PLATE

Note: Advance Street Name Sign (W16-8) shall be installed on intersection warning sign (W2-2) and shall have black lettering and borders on a yellow background. Width of borders shall be 5/8".



△ Sign Support: 2 pcs. - 2 1/2" Square Tube Post

D3-2
NOT TO SCALE

DESTINATION SIGN

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

3/1/17	△ - Revise Sign Support
DATE	REVISION
STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION	
SIGN DETAILS	
KUHIO HIGHWAY RESURFACING Papaa Road to Aliomanu Road (South) Project No. 56C-01-15M	
Scale: As Noted	Date: August 2016
SHEET No. 1 OF 1 SHEETS	