

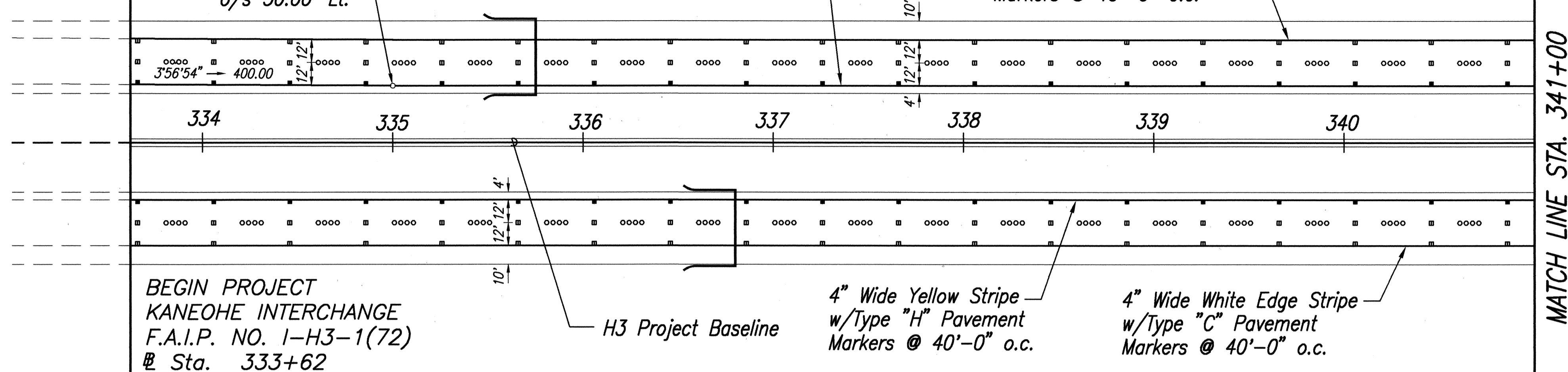
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD 357	521

For Continuation
See Sht. C.O. ADD 154

End Transition
@ Sta. 335+00
o/s 30.00' Lt.

4" Wide Yellow Stripe
w/Type "H" Pavement
Markers @ 40'-0" o.c.

4" Wide White Edge Stripe
w/Type "C" Pavement
Markers @ 40'-0" o.c.



BEGIN PROJECT
KANEHOE INTERCHANGE
F.A.I.P. NO. I-H3-1(72)
@ Sta. 333+62

H3 Project Baseline

4" Wide Yellow Stripe
w/Type "H" Pavement
Markers @ 40'-0" o.c.

4" Wide White Edge Stripe
w/Type "C" Pavement
Markers @ 40'-0" o.c.

MATCH LINE STA. 341+00

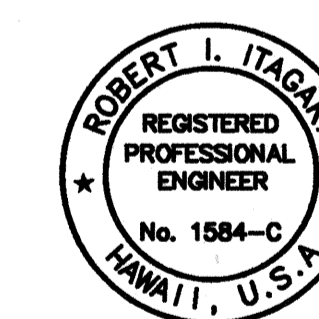
NOTE:
The Guide Sign Designation shown on
these plans has been revised. For
correct sign designation, see sht. 372

True North
Scale : 1" = 40'

LEGEND

- ○ ○ ○ 4 Each Type "A" Pavement Markers @ 40'-0" o.c.
- ○ ○ ○ Type "C" Pavement Markers @ 40'-0" o.c.
- 4" Wide Yellow Stripe w/Type "H" Pavement Markers @ 40'-0" o.c.
- 4" Wide White Edge Stripe w/Type "C" Pavement Markers @ 40'-0" o.c.
- - - - 4" Wide White Edge Line 2' Long @ 10'-0" o.c. w/Type "C" Pavement Markers @ 40'-0" o.c.
- - - - 8" Wide White Lane Drop Marking 3' Long @ 15'-0" o.c. w/Type "C" Pavement Markers @ 30'-0" o.c.
- 8" Wide White Stripe w/Type "C" Pavement Markers @ 20'-0" o.c.
- - - - 4" Wide White Intersection Guide Line 2' Long @ 6'-0" o.c.
- < < < < 12" Wide White Diagonal Stripes (See Standard Plan TE-31)
- ↑ ↗ ↘ Pavement Arrow
- * * RM-2 Reflector Marker (See Standard Plan TE-16)

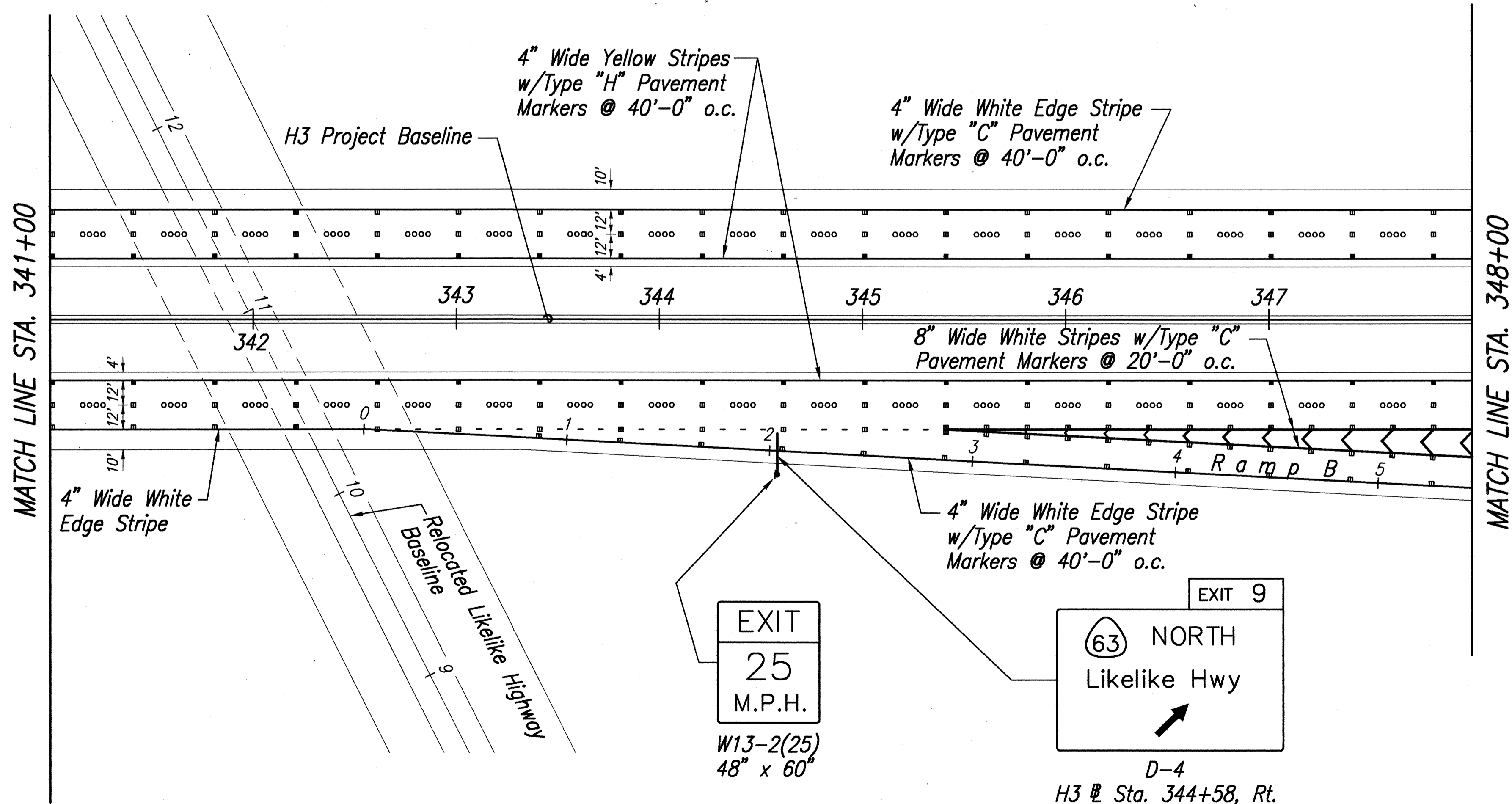
True North
Scale : 1" = 40'



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

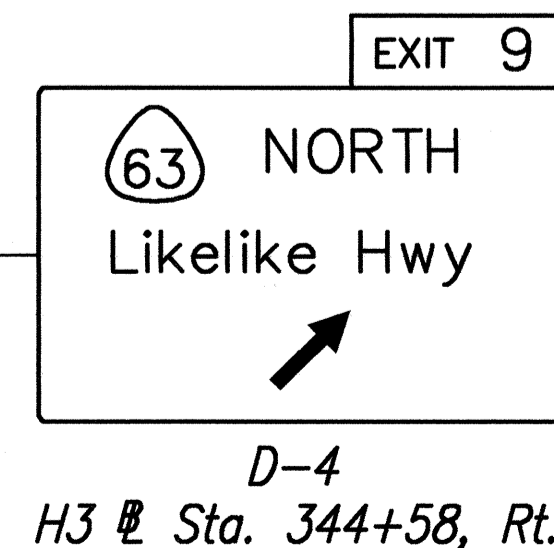
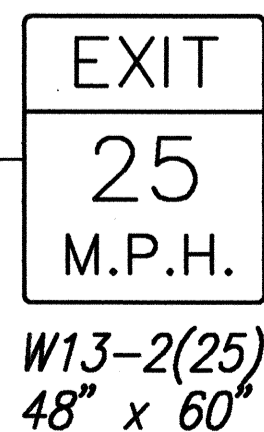
Arnold H. Fukunoto

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	



MATCH LINE STA. 341+00

MATCH LINE STA. 348+00



1/19/96	Revised Inbound Striping Alignment.
4/19/95	Amended Exit Number Sign.
1/25/95	Revised Exit Number Sign.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Added Pavement Arrow & Reflector Marker to Legend. Added note informing of revised sign designation. Added roadway dimensions.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

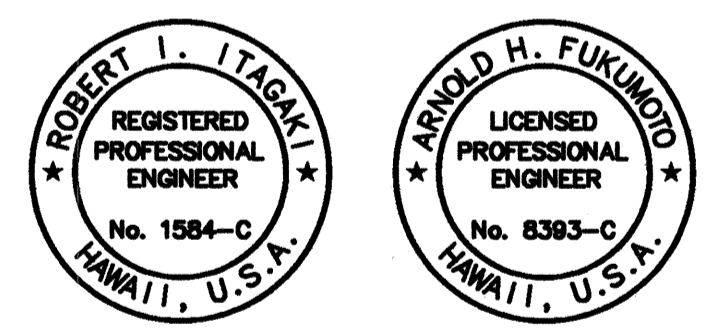
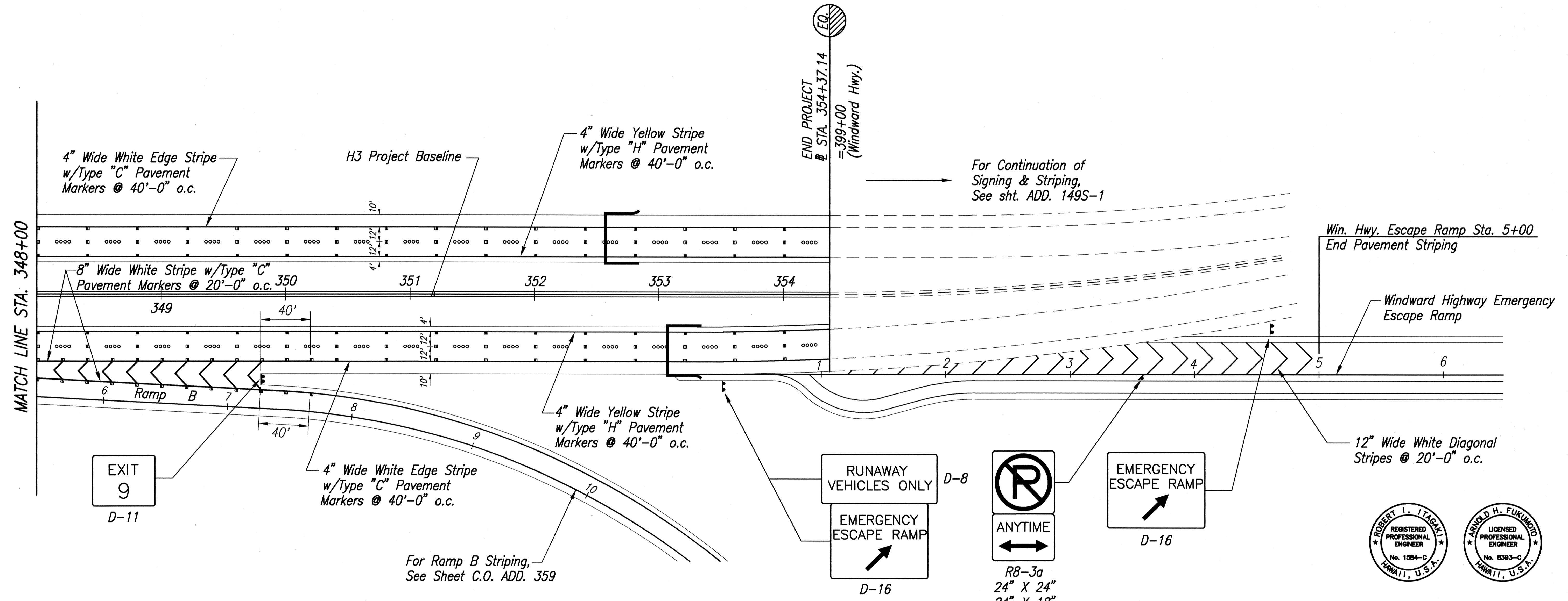
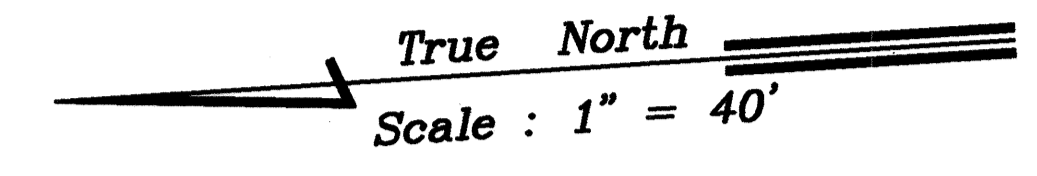
SIGNING & STRIPING PLAN
H3 KANEHOE INTERCHANGE

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

SHEET No. OF SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 358	521



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Arnold H. Fukumoto

DATE	REVISION
8/16/95	Added Sign R8-3a @ Esc. Ramp Entrance
4/19/95	Added Callout for Ramp B Striping & Amended Exit Number Sign.
1/25/95	Revised Sign D-11.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
5/11/94	Added Callout for Signing & Striping Continuation.
3/27/92	Revised location of Exit Nose and extent of 8" white stripe & 12" diagonal stripe.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Moved sign D-8 to Sta. 353+50±. Added roadway Dimensions.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
H3 KANEOHE INTERCHANGE

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

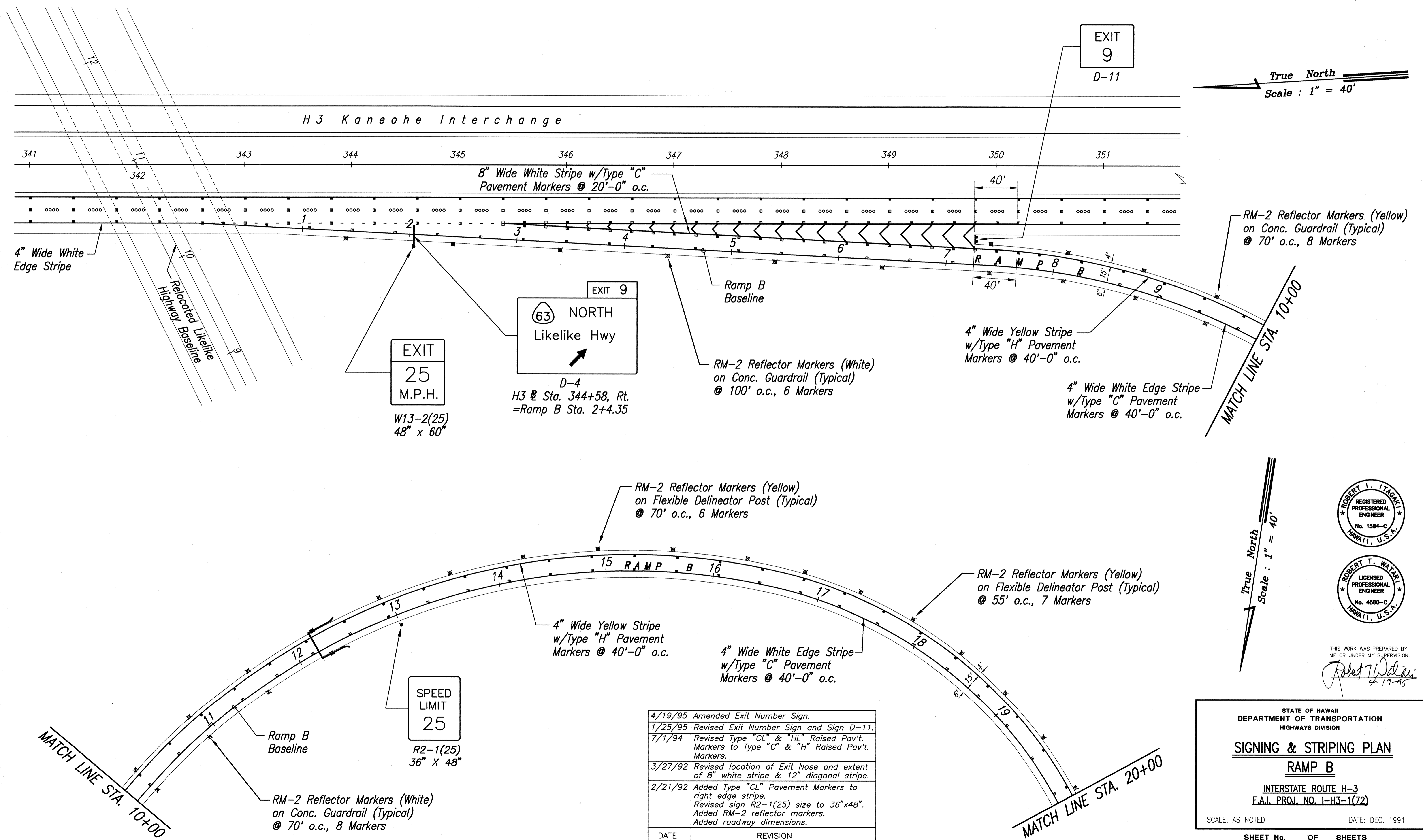
SHEET No. OF SHEETS

C.O. ADD. 358

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

83-462 FS-263.DWG D-STRIPING PLAN P1-40 08/14/95 KM

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD 359	521



True North
Scale : 1" = 40'

RM-2 Reflector Markers (Yellow) on Conc. Guardrail (Typical) @ 70' o.c., 8 Markers

EXIT 25 M.P.H.
W13-2(25)
48" x 60"

EXIT 9
63 NORTH Likelike Hwy
D-4
H3 @ Sta. 344+58, Rt. = Ramp B Sta. 2+4.35

RM-2 Reflector Markers (White) on Conc. Guardrail (Typical) @ 100' o.c., 6 Markers

4" Wide Yellow Stripe w/Type "H" Pavement Markers @ 40'-0" o.c.

4" Wide White Edge Stripe w/Type "C" Pavement Markers @ 40'-0" o.c.

RM-2 Reflector Markers (Yellow) on Flexible Delineator Post (Typical) @ 70' o.c., 6 Markers

4" Wide Yellow Stripe w/Type "H" Pavement Markers @ 40'-0" o.c.

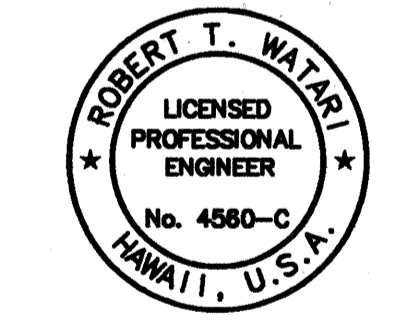
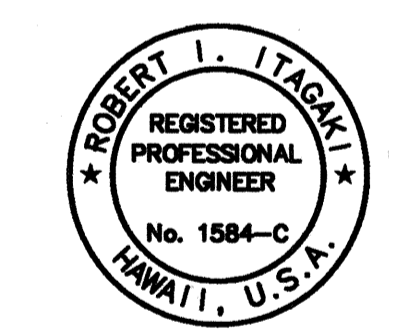
4" Wide White Edge Stripe w/Type "C" Pavement Markers @ 40'-0" o.c.

RM-2 Reflector Markers (Yellow) on Flexible Delineator Post (Typical) @ 55' o.c., 7 Markers

SPEED LIMIT 25
R2-1(25)
36" X 48"

RM-2 Reflector Markers (White) on Conc. Guardrail (Typical) @ 70' o.c., 8 Markers

True North
Scale : 1" = 40'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Robert T. Watari
12-19-95

DATE	REVISION
4/19/95	Amended Exit Number Sign.
1/25/95	Revised Exit Number Sign and Sign D-11.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
3/27/92	Revised location of Exit Nose and extent of 8" white stripe & 12" diagonal stripe.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Revised sign R2-1(25) size to 36"x48". Added RM-2 reflector markers. Added roadway dimensions.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

RAMP B

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

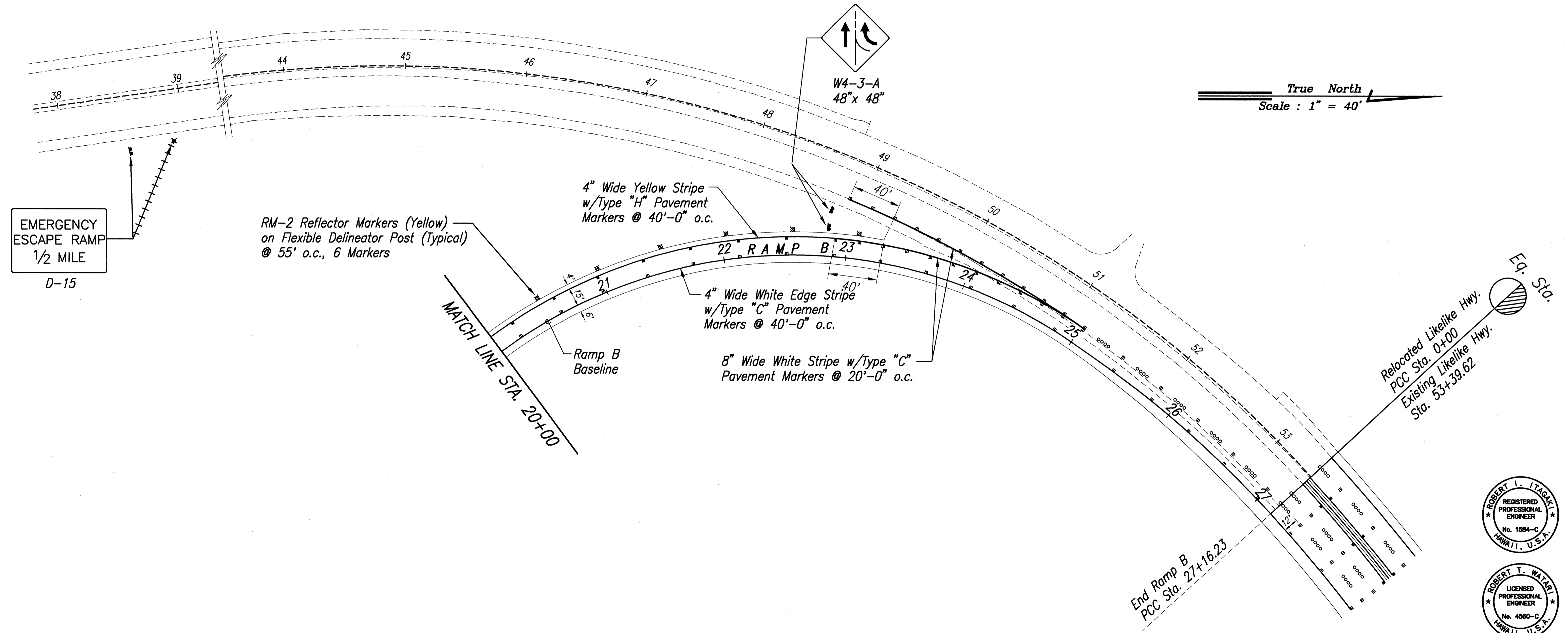
SHEET No. OF SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
INSTRUMENTED BY	
CHECKED BY	
NOTE BOOK	
No.	

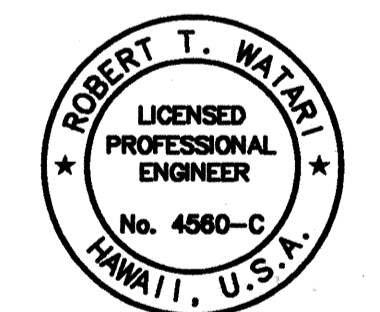
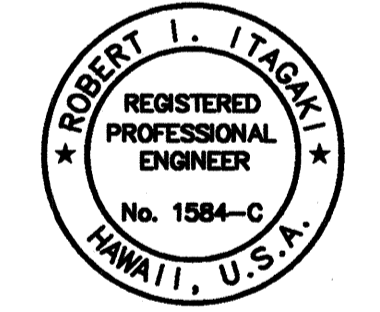
82-452 (15-81) HMC STRIPING PLAN P1=40 04/13/95 By

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD 360	521

NOTE:
This sheet includes a portion of signing along Existing Likelike Highway



True North
Scale : 1" = 40'



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Robert Watanabe
4-19-90

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

35-4521 15-62000 04/22/95 by

4/19/95	Relocated Sign D-15.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
3/27/92	Revised location of Inlet Nose and extent of 8" white stripe.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Added sign W4-3-A to end of Ramp B. Added RM-2 Reflector Markers. Added roadway dimensions.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

RAMP B

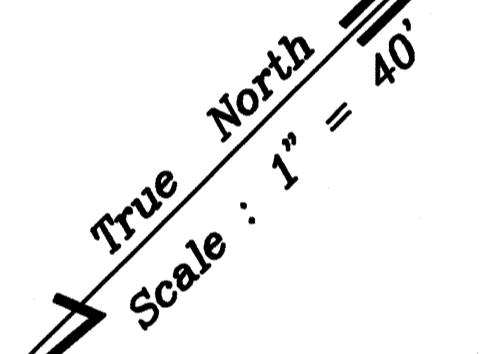
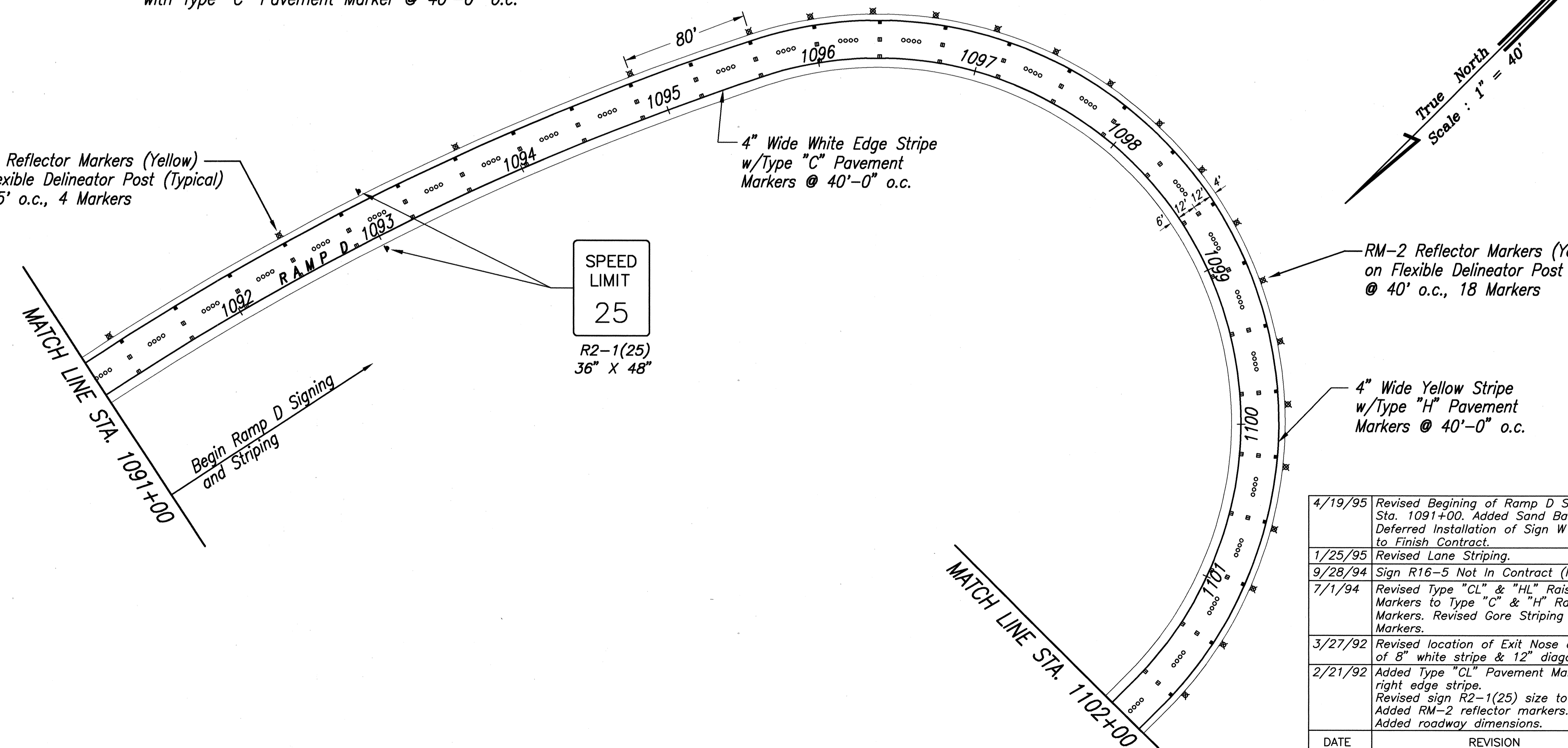
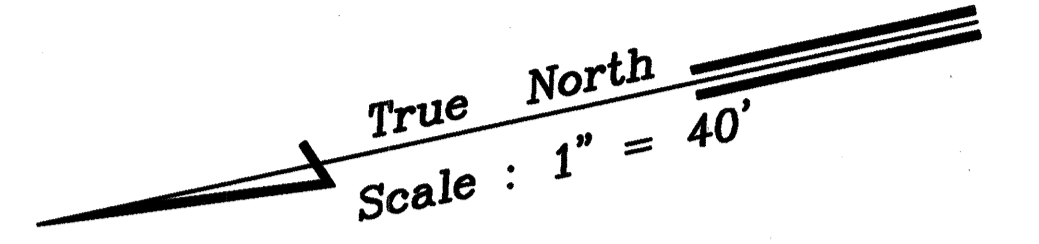
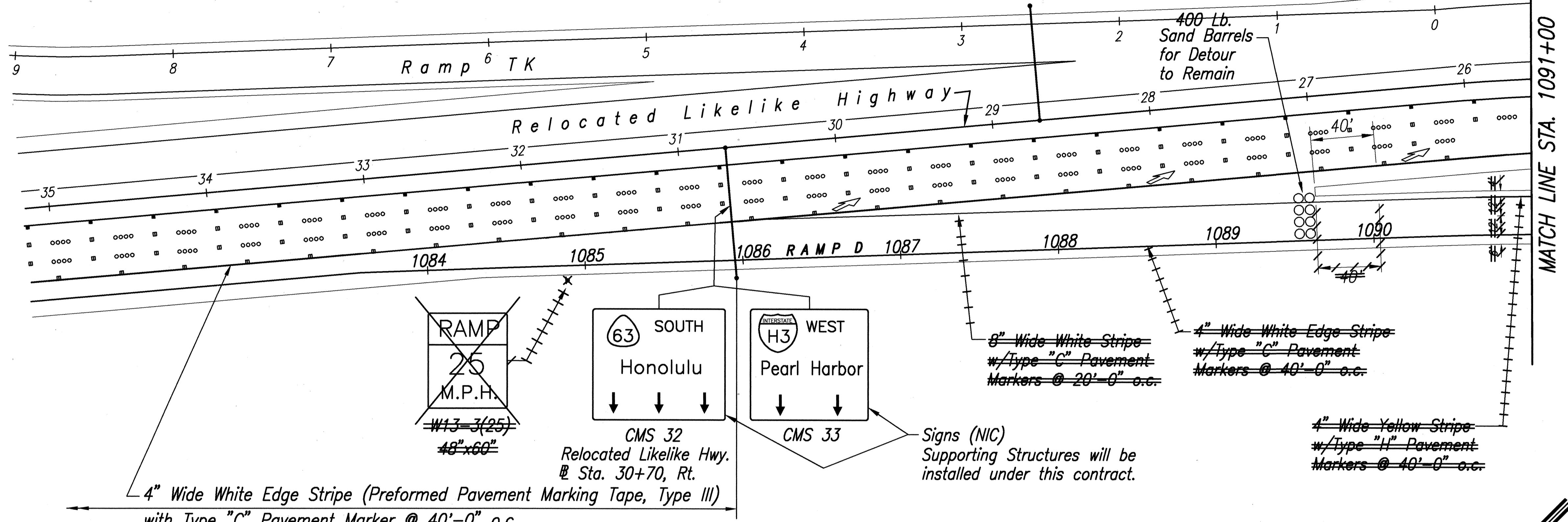
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

SHEET No. OF SHEETS

C.O. ADD. 360

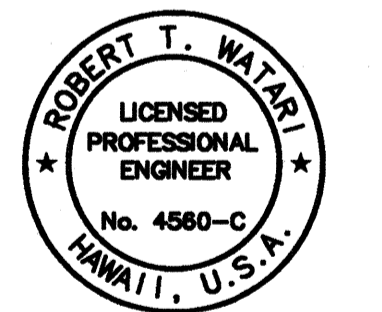
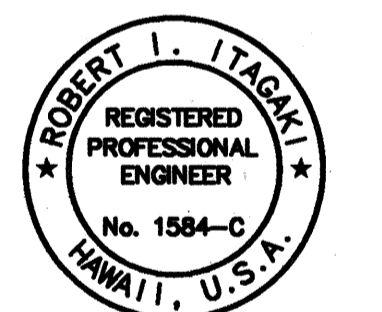
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 361	521



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

83-4627 (15-0) HAWAII STRIPING PLAN P1-40 (09/17/95) BY

4/19/95	Revised Beginning of Ramp D Striping to Sta. 1091+00. Added Sand Barrel Callout. Deferred Installation of Sign W13-3(25) to Finish Contract.
1/25/95	Revised Lane Striping.
9/28/94	Sign R16-5 Not In Contract (N.I.C.).
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers. Revised Gore Striping and Pav't. Markers.
3/27/92	Revised location of Exit Nose and extent of 8" white stripe & 12" diagonal stripe.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Revised sign R2-1(25) size to 36"x48". Added RM-2 reflector markers. Added roadway dimensions.
DATE	REVISION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Robert Waiwai
 4-19-95

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

RAMP D

INTERSTATE ROUTE H-3
 F.A.I. PROJ. NO. I-H3-1(72)

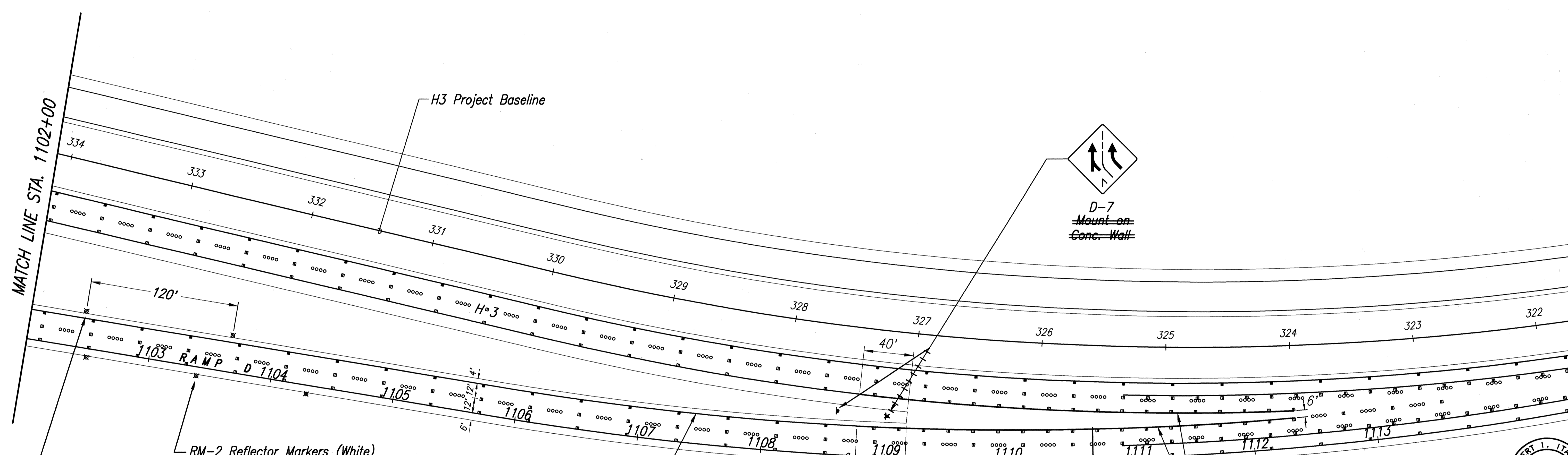
SCALE: AS NOTED DATE: DEC. 1991

SHEET No. OF SHEETS

C.O. ADD. 361

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 362	521

True North
Scale: 1" = 40'



MATCH LINE STA. 1102+00

RM-2 Reflector Markers (White)
on Conc. Guardrail (Typical)
@ 90' o.c., 3 Markers

RM-2 Reflector Markers (Yellow)
on Flexible Delineator Post (Typical)
@ 80' o.c. from previous marker.

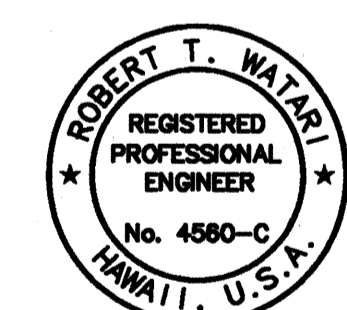
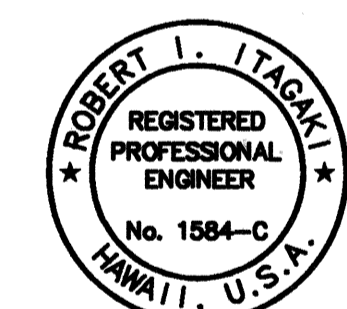
4" Wide Yellow Stripe
w/Type "H" Pavement
Markers @ 40'-0" o.c.

Ramp D Baseline

4" Wide White Edge Stripe
w/Type "C" Pavement
Markers @ 40'-0" o.c.

Ramp D Sta. 1110+69.13
= H3 Sta. 325+57.16
End Ramp D Striping
See Hospital Rock Striping
for Continuation

8" Wide White Stripe w/Type "C"
Pavement Markers @ 20'-0" o.c.



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Robert T. Walter
3-1-91

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NOTE BOOK	
No.	

83-482 FS-02 LAMP D-STRIPING PLAN P1-40 02/27/95 JY

DATE	REVISION
3/1/95	Revised & Relocated Sign D-7.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
3/27/92	Revised location of Inlet Nose and extent of 8" white stripe. Relocated Sign D-7 to be mounted on Concrete Wall.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Added RM-2 reflector markers. Added roadway dimensions.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

RAMP D

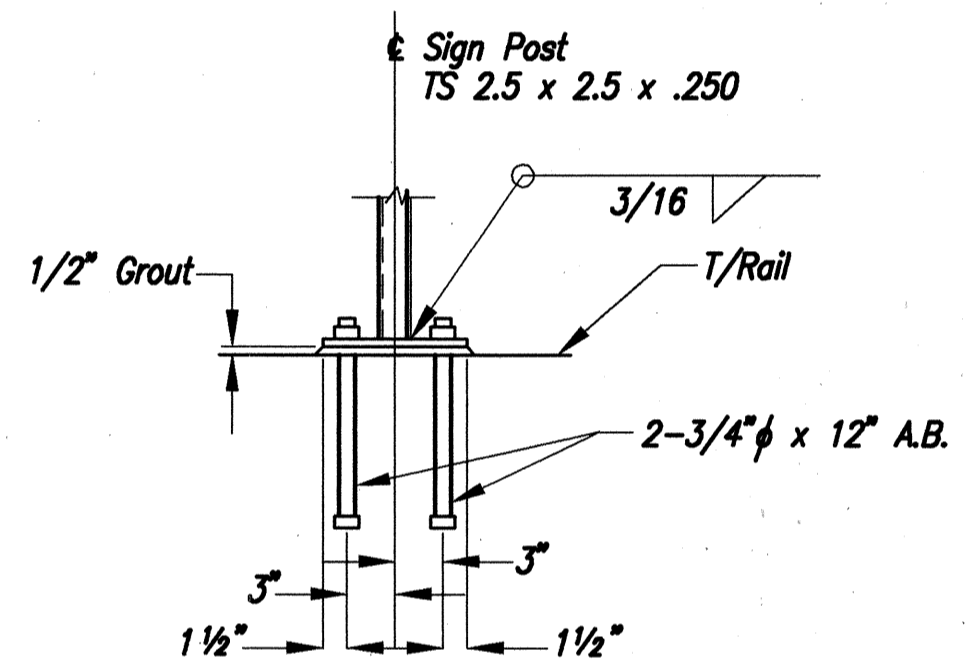
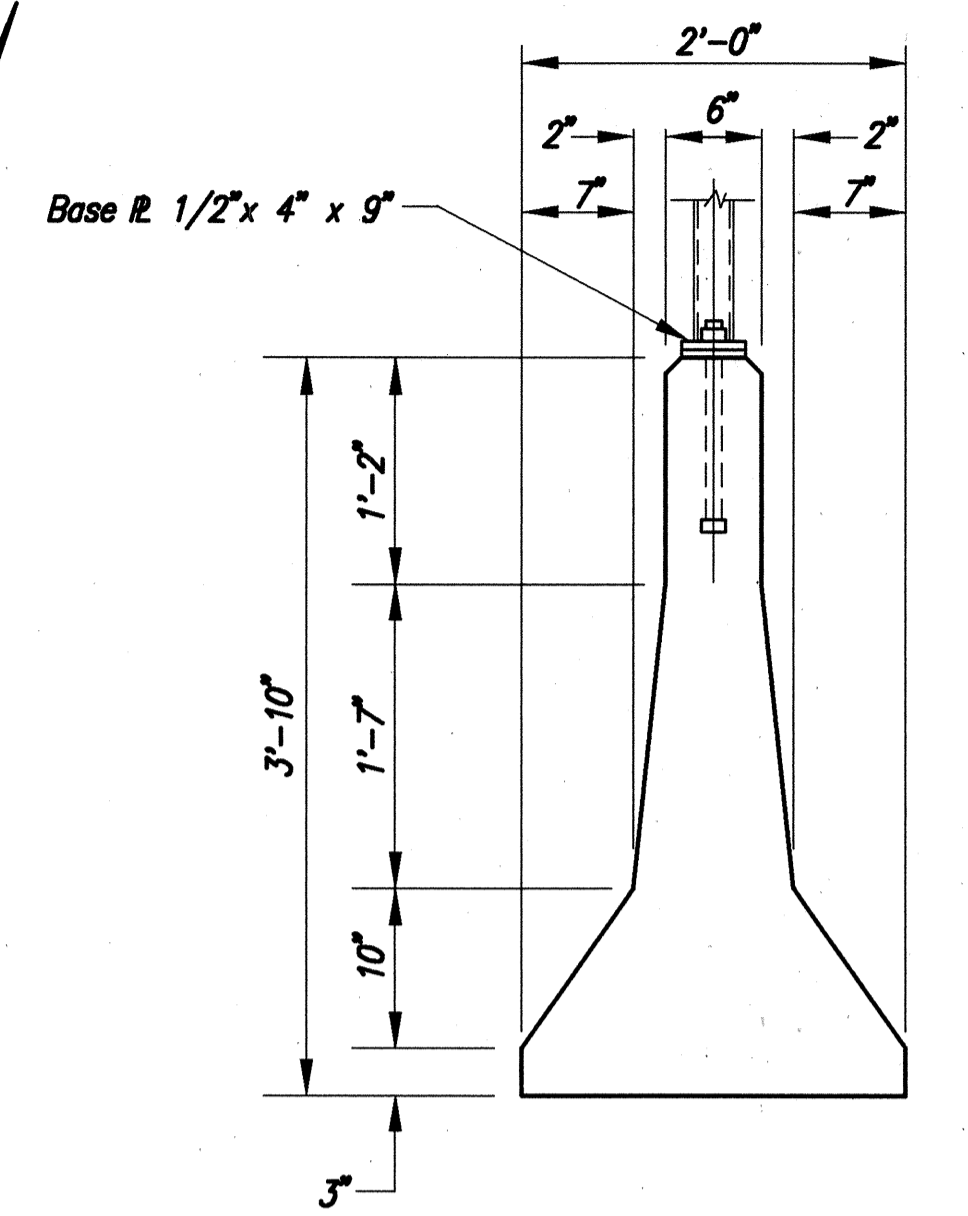
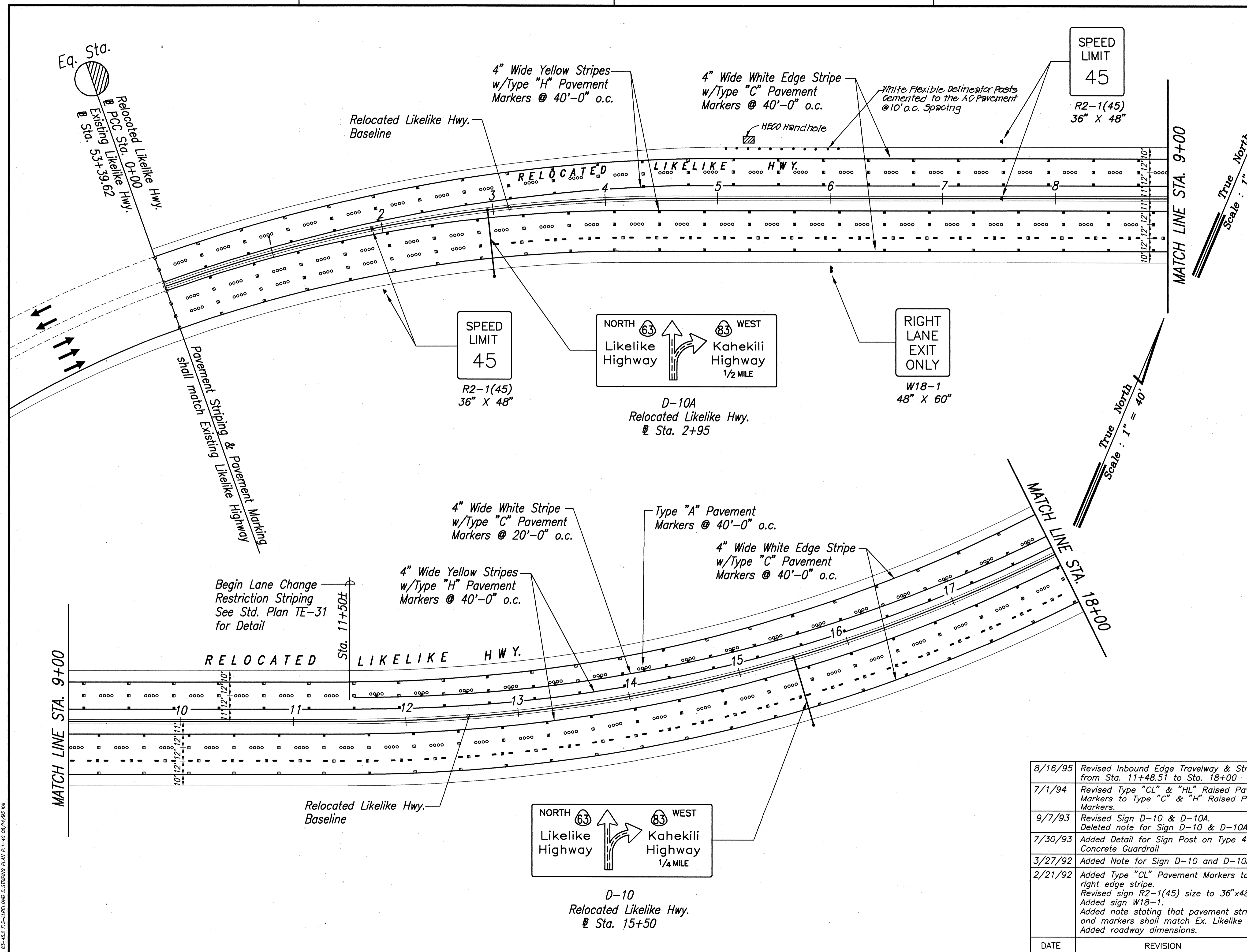
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

SHEET No. OF SHEETS

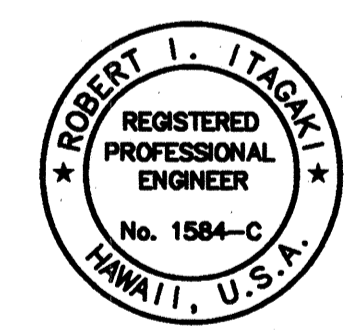
C.O. ADD. 362

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 363	521



- NOTES:
1. POST & BRACKET _____ ASTM A-36
 2. THRU-BOLTS _____ ASTM A-307
 3. WELDS _____ E70XX ELECTRODE
 4. GALVANIZE ALL MATERIALS

SIGN POST ANCHORAGE ON
TYPE 4G CONCRETE GUARDRAIL
NOT TO SCALE



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Arnold Fukunaga

DATE	REVISION
8/16/95	Revised Inbound Edge Travelway & Striping from Sta. 11+48.51 to Sta. 18+00
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
9/7/93	Revised Sign D-10 & D-10A. Deleted note for Sign D-10 & D-10A.
7/30/93	Added Detail for Sign Post on Type 4G Concrete Guardrail
3/27/92	Added Note for Sign D-10 and D-10A
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Revised sign R2-1(45) size to 36"x48". Added sign W18-1. Added note stating that pavement striping and markers shall match Ex. Likelike Hwy. Added roadway dimensions.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
RELOCATED LIKELIKE HIGHWAY

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

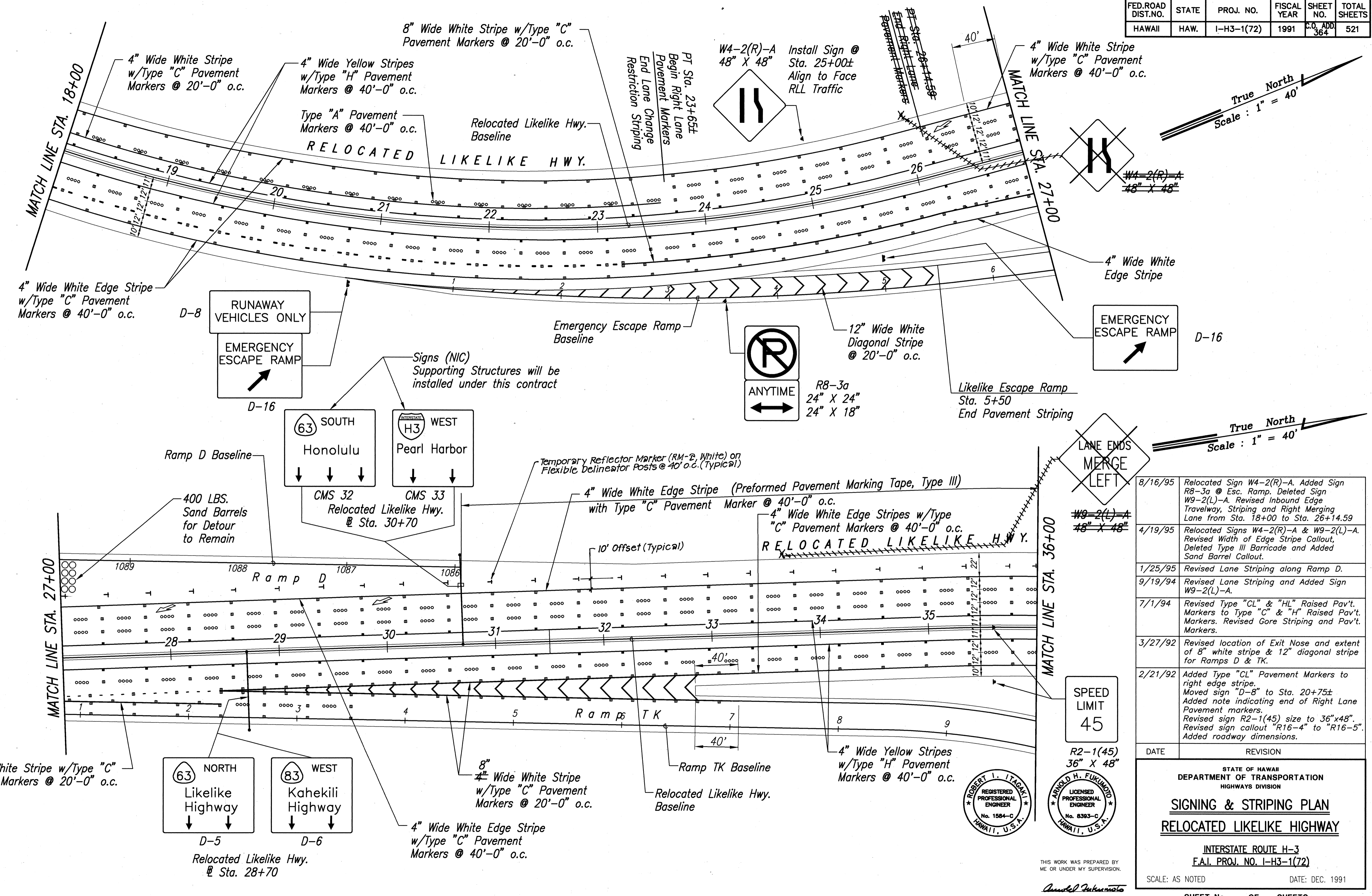
SCALE: AS NOTED DATE: DEC. 1991

SHEET No. OF SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
CHECKED BY	
DESIGNED BY	
QUANTITIES BY	
NO.	

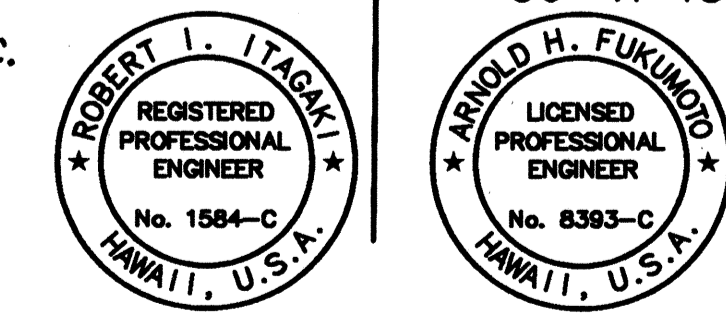
95-4527 F.S.-LAYOUTING STRIPING PLAN P-146 08/14/95 HAW

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD 364	521



DATE	REVISION
8/16/95	Relocated Sign W4-2(R)-A. Added Sign R8-3a @ Esc. Ramp. Deleted Sign W9-2(L)-A. Revised Inbound Edge Travelway, Striping and Right Merging Lane from Sta. 18+00 to Sta. 26+14.59
4/19/95	Relocated Signs W4-2(R)-A & W9-2(L)-A. Revised Width of Edge Stripe Callout, Deleted Type III Barricade and Added Sand Barrel Callout.
1/25/95	Revised Lane Striping along Ramp D.
9/19/94	Revised Lane Striping and Added Sign W9-2(L)-A.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers. Revised Gore Striping and Pav't. Markers.
3/27/92	Revised location of Exit Nose and extent of 8" white stripe & 12" diagonal stripe for Ramps D & TK.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Moved sign "D-8" to Sta. 20+75±. Added note indicating end of Right Lane Pavement markers. Revised sign R2-1(45) size to 36"x48". Revised sign callout "R16-4" to "R16-5". Added roadway dimensions.

DATE	_____
SURVEY PLOTTED BY	_____
DRAWN BY	_____
DESIGNED BY	_____
CHECKED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
CHECKED BY	_____
No.	_____



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
RELOCATED LIKELIKE HIGHWAY

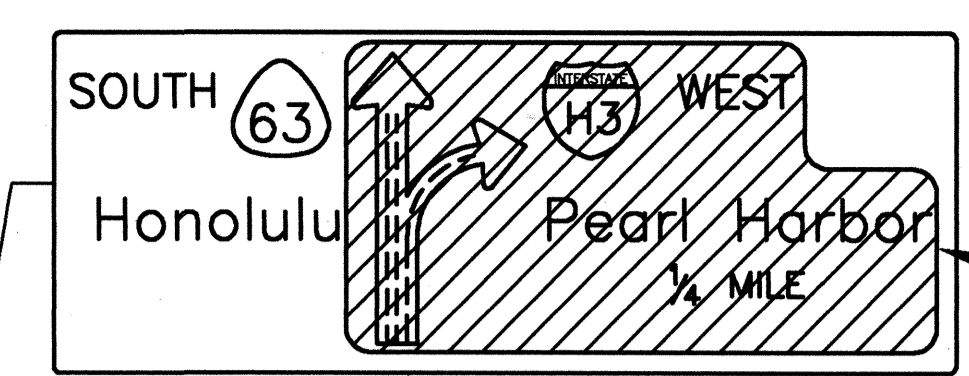
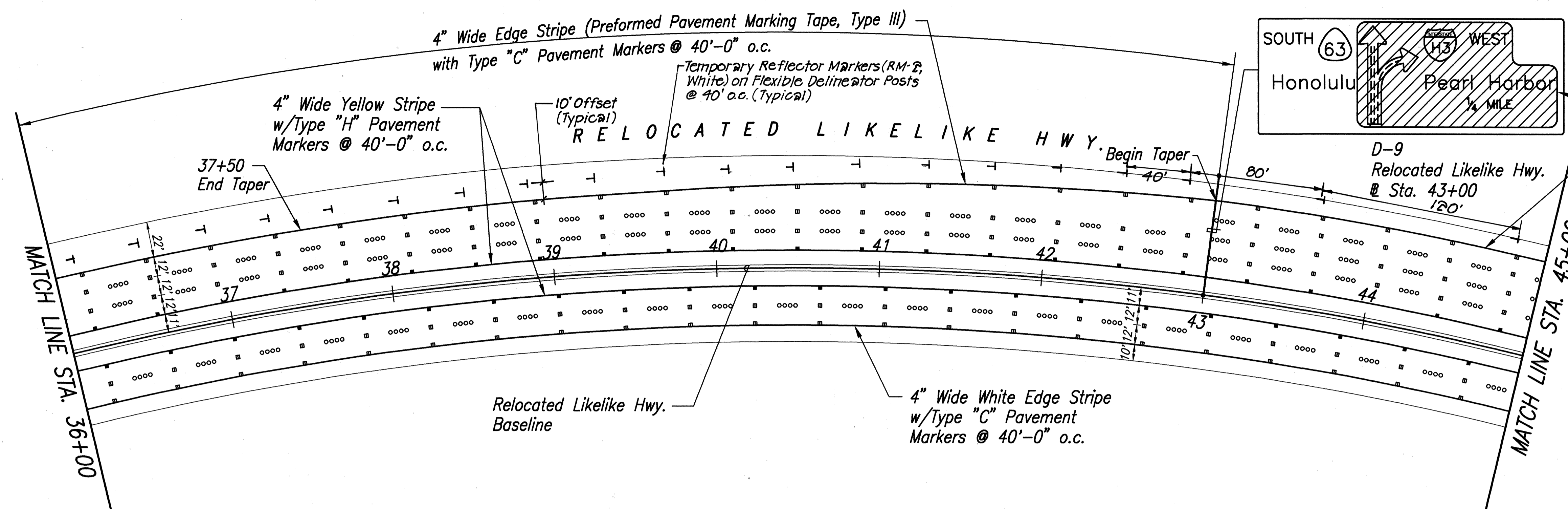
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

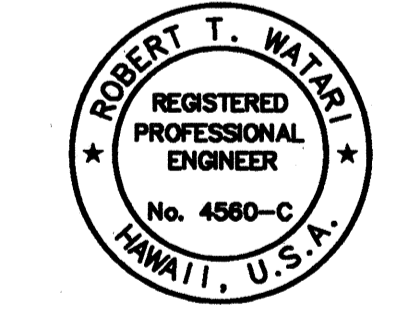
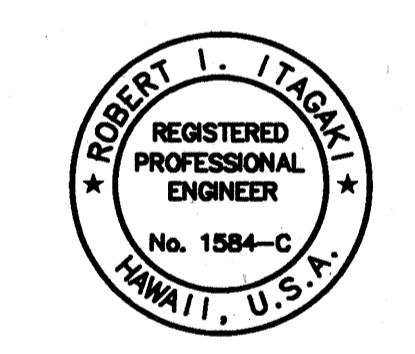
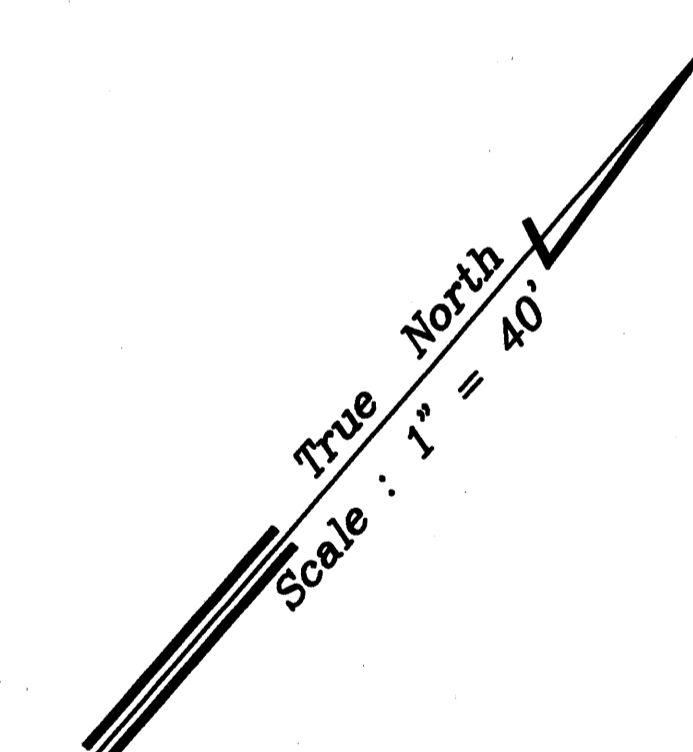
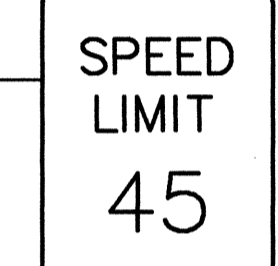
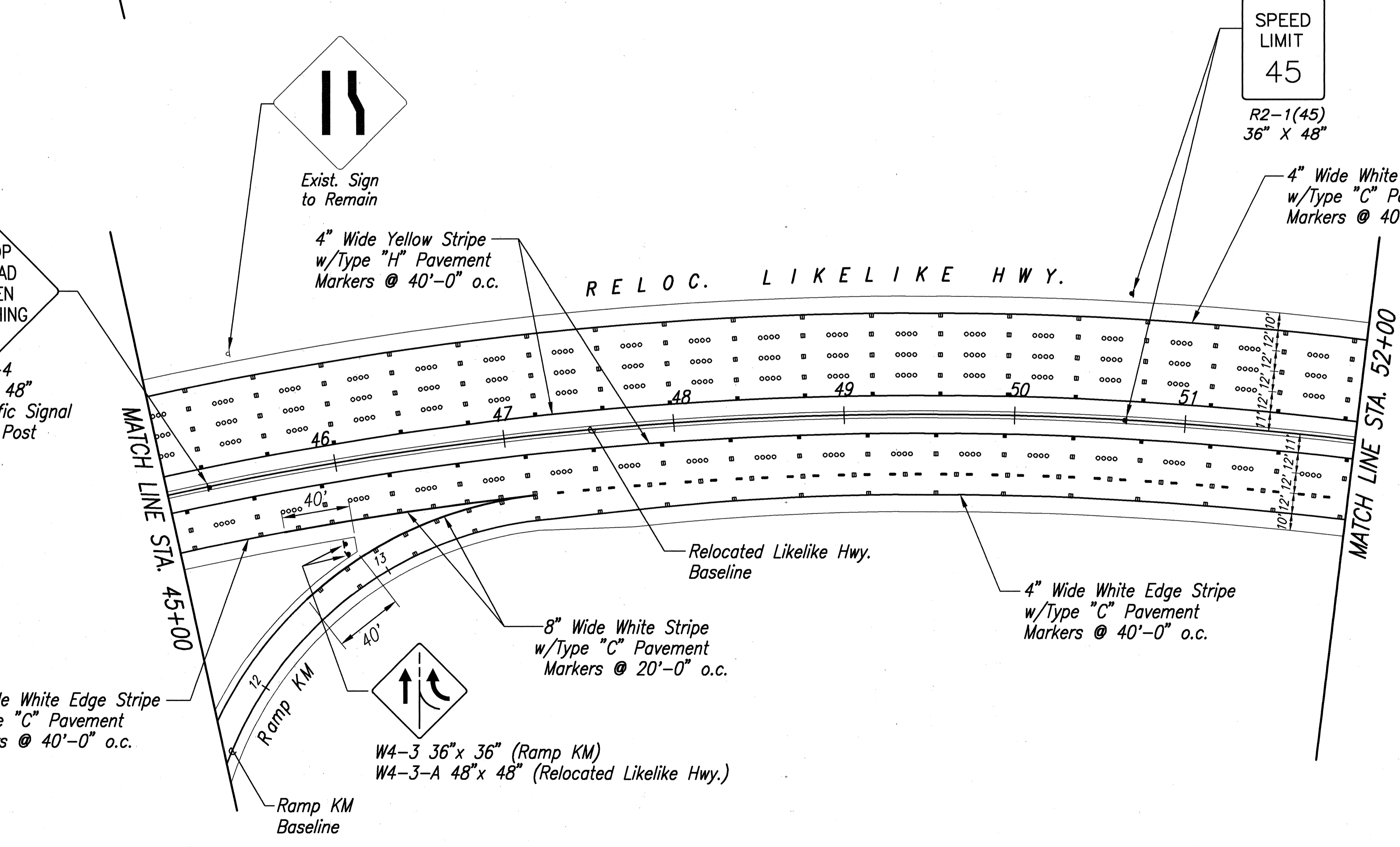
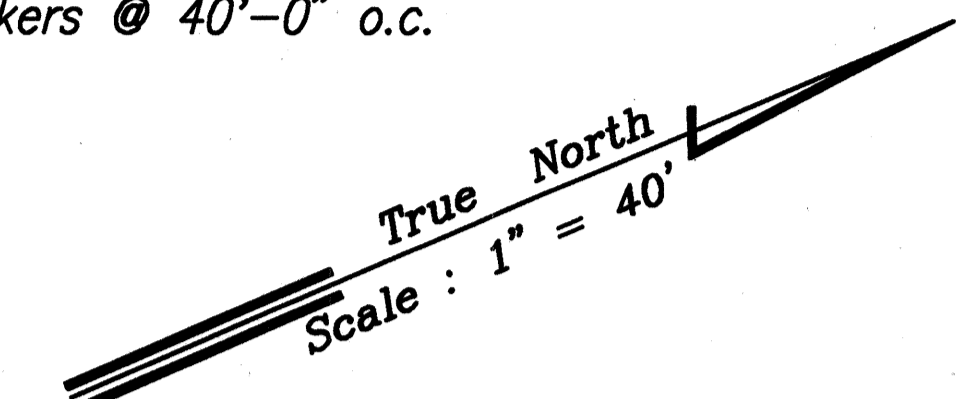
SHEET No. OF SHEETS

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Arnold H. Fukunaga

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 365	521



"Pearl Harbor", "WEST", "1/4 MILE", Route Marker, and Arrow Not to be Installed. See Note on Sht. C.O. ADD. 371.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Robert Water
12-18-90

DATE	REVISION
12/16/94	Revised Notation for Sign D-9.
9/19/94	Revised Lane Striping.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
9/7/93	Deleted one(1) W3-4 sign and revised location of remaining W3-4 sign. Deleted note for Sign D-9.
6/2/93	Added Sign W3-4
3/27/92	Revised location of Inlet Nose and extent of 8" white stripe. Added note to sign D-9.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Revised sign R2-1(45) size to 36"x48". Added roadway dimensions.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN
RELOCATED LIKELIKE HIGHWAY

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

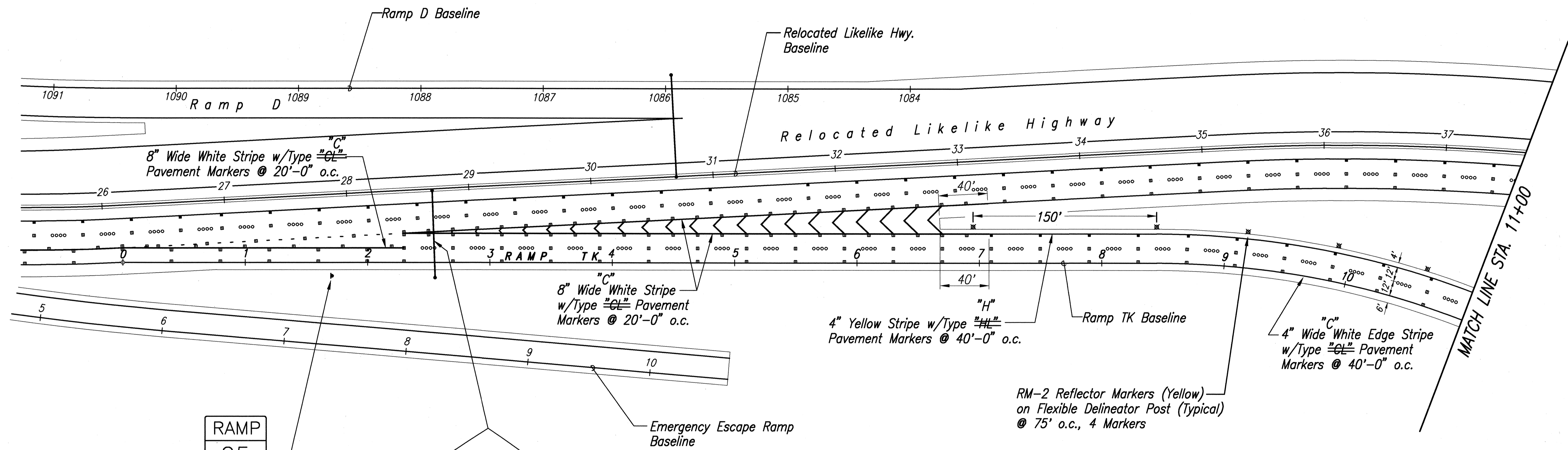
SHEET No. OF SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
No.	

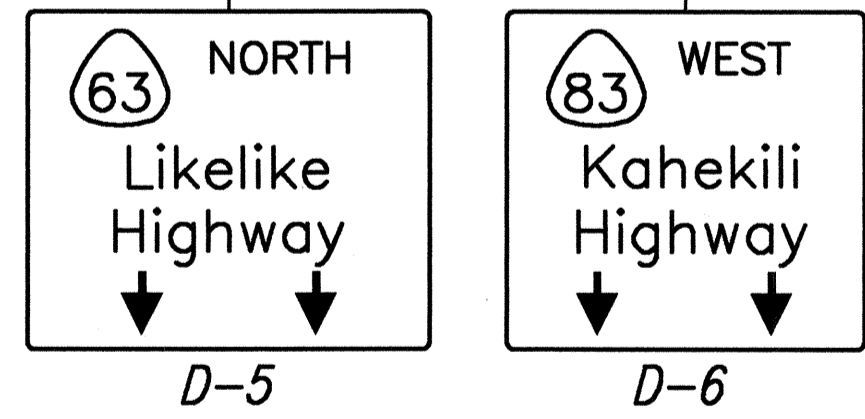
85-62 F.S.-LINE/DWG. D. STRIPING PLAN P. 1-40 12/16/94 RY

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 367	521

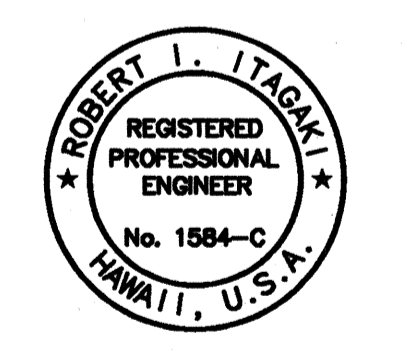
True North
Scale: 1" = 40'



RAMP
25
M.P.H.
W13-3(25)
48"x60"



Relocated Likelike Hwy.
@ Sta. 28+70



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Robert I. Itagaki

7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
9/3/93	Revised Sign W13-3(35) to W13-3(25)
3/27/92	Revised location of Exit Nose and extent of 8" white stripe & 12" diagonal stripe.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Added RM-2 reflector markers. Added roadway dimensions.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

RAMP TK

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

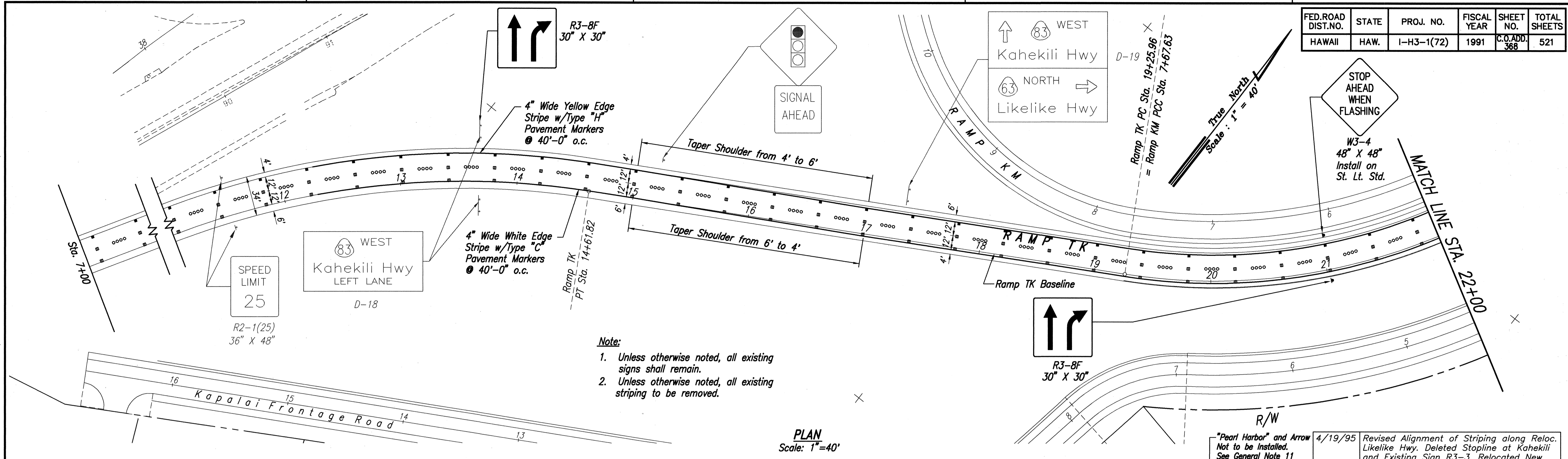
SHEET No. OF SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

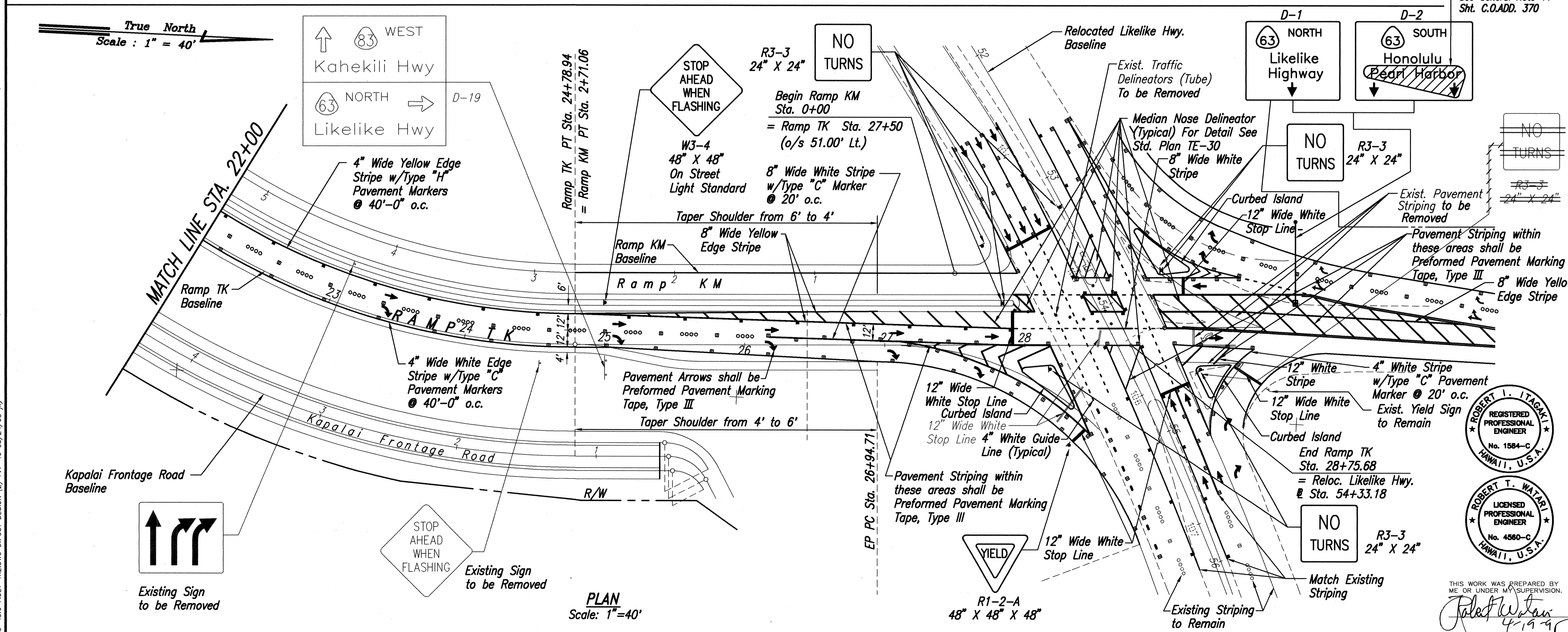
Job No. 83-62.75-TRILING STRIPING PLAN PLOT#40 02/20/94 by

C.O. ADD. 367

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 368	521



- Note:**
1. Unless otherwise noted, all existing signs shall remain.
 2. Unless otherwise noted, all existing striping to be removed.



DATE	REVISION
4/19/95	Revised Alignment of Striping along Reloc. Likelike Hwy. Deleted Stopline at Kahekili and Existing Sign R3-3. Relocated New Signs R3-3 onto Curbed Islands.
10/17/94	Revised Notation for Sign D-2.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.
5/11/94	Revised Signing and Striping. Added callout to partially cover Sign D-2.
2/11/94	Revised Intersection Striping.
12/15/93	Relocated Sign D-1 and D-2.
10/15/93	Added and Relocated Sign W3-4.
9/7/93	Deleted Note for Sign D-1 & D-2. Revised location of sign W3-4.
9/3/93	Revised Sign R2-1(35) to R2-1(25)
6/2/93	Added Sign W3-4
2/17/93	Revised Edge Pav't Radius, assoc. Pav't Markings and Added Channelizing Island at Ramp TK/Reloc. Likelike Intersection. Added Median Nose Delineator, sign R1-2 and 8" White Stripe @ Intersection.
12/1/92	Added Pavement Arrows, Kahekili-Likelike Intersection from Sht. ADD. 366
3/27/92	Added Note for Sign D-1 and D-2. Added 8" white stripe to North bound lanes on Kahekili Hwy.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Revised sign R2-1(35) size to 36"x48". Revised sign name R3-10(R) to R3-8D. Added Cardinal Direction, Route marker and Directional Arrow signs. Added sign R3-3 to Likelike Hwy. median. Added RM-2 reflector markers. Added roadway dimensions.

ROBERT I. ITAGAKI
REGISTERED PROFESSIONAL ENGINEER
No. 1584-C
HAWAII, U.S.A.

ROBERT T. WATZEL
LICENSED PROFESSIONAL ENGINEER
No. 4580-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

RAMP TK

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

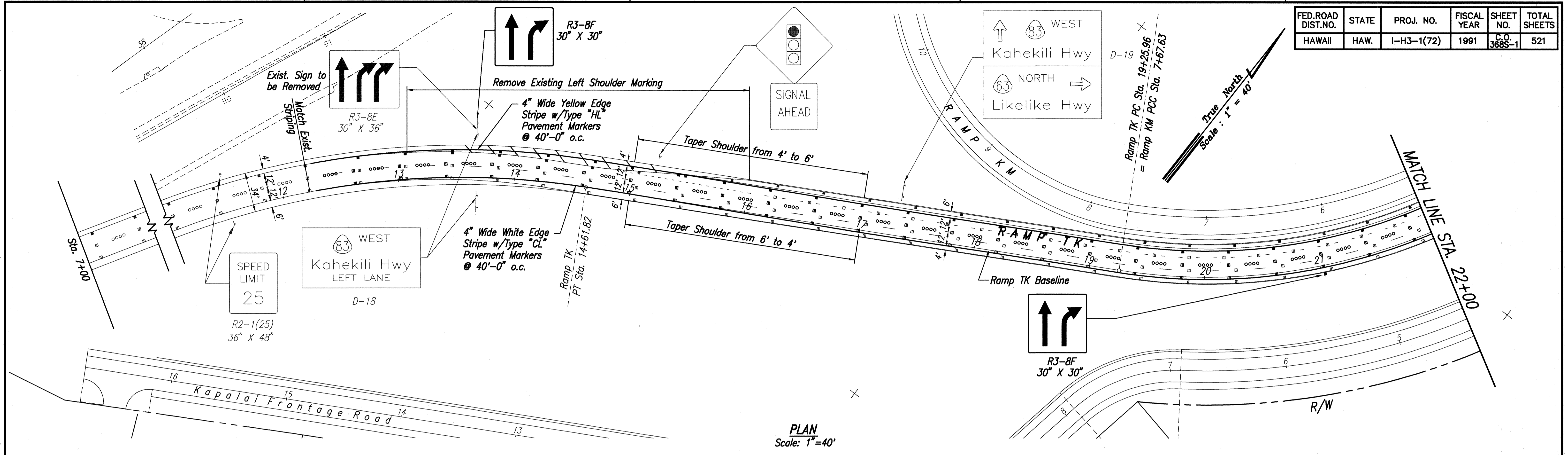
SHEET No. OF SHEETS

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

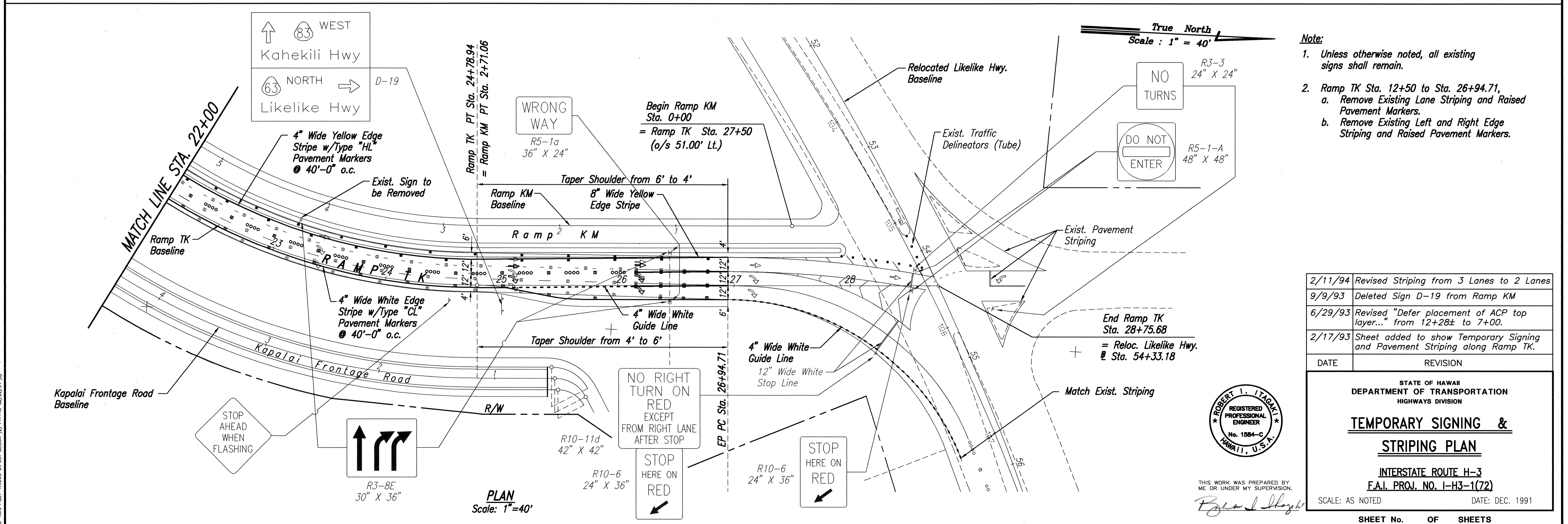
83-45.6 FDET-RZDING DAPDSI DESIGN (2) P.1-40 05/24/95 RW

C.O. ADD. 368

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. 368S-1	521



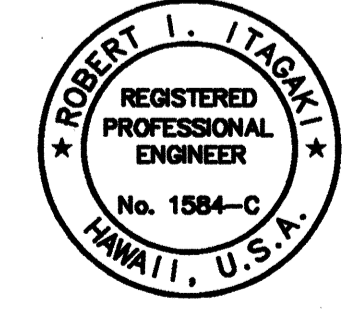
PLAN
Scale: 1"=40'



PLAN
Scale: 1"=40'

- Note:**
- Unless otherwise noted, all existing signs shall remain.
 - Ramp TK Sta. 12+50 to Sta. 26+94.71,
 - Remove Existing Lane Striping and Raised Pavement Markers.
 - Remove Existing Left and Right Edge Striping and Raised Pavement Markers.

DATE	REVISION
2/11/94	Revised Striping from 3 Lanes to 2 Lanes
9/9/93	Deleted Sign D-19 from Ramp KM
6/29/93	Revised "Defer placement of ACP top layer..." from 12+28± to 7+00.
2/17/93	Sheet added to show Temporary Signing and Pavement Striping along Ramp TK.



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Robert I. Igarashi

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TEMPORARY SIGNING & STRIPING PLAN

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

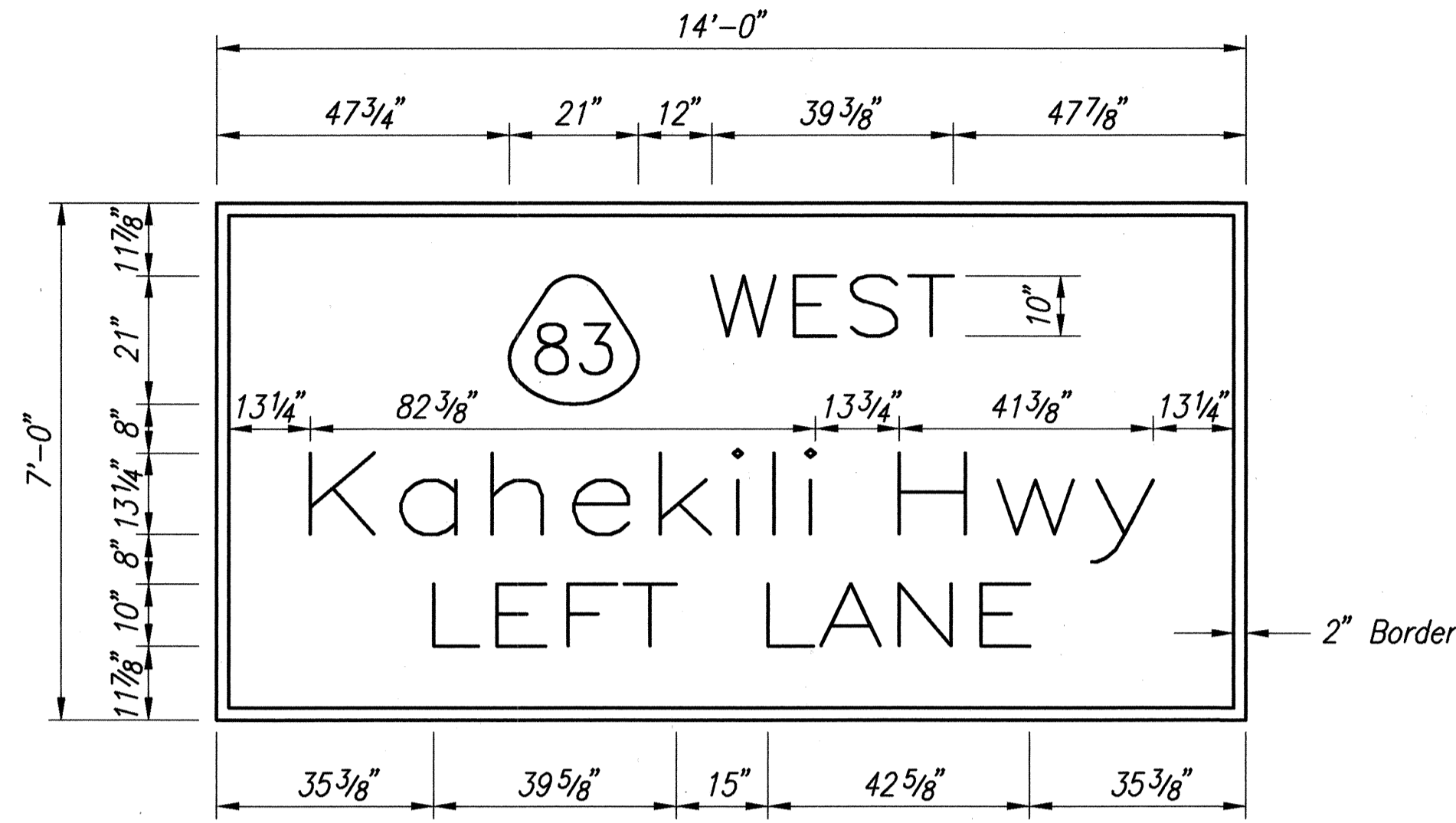
SHEET No. OF SHEETS

C.O. 368S-1

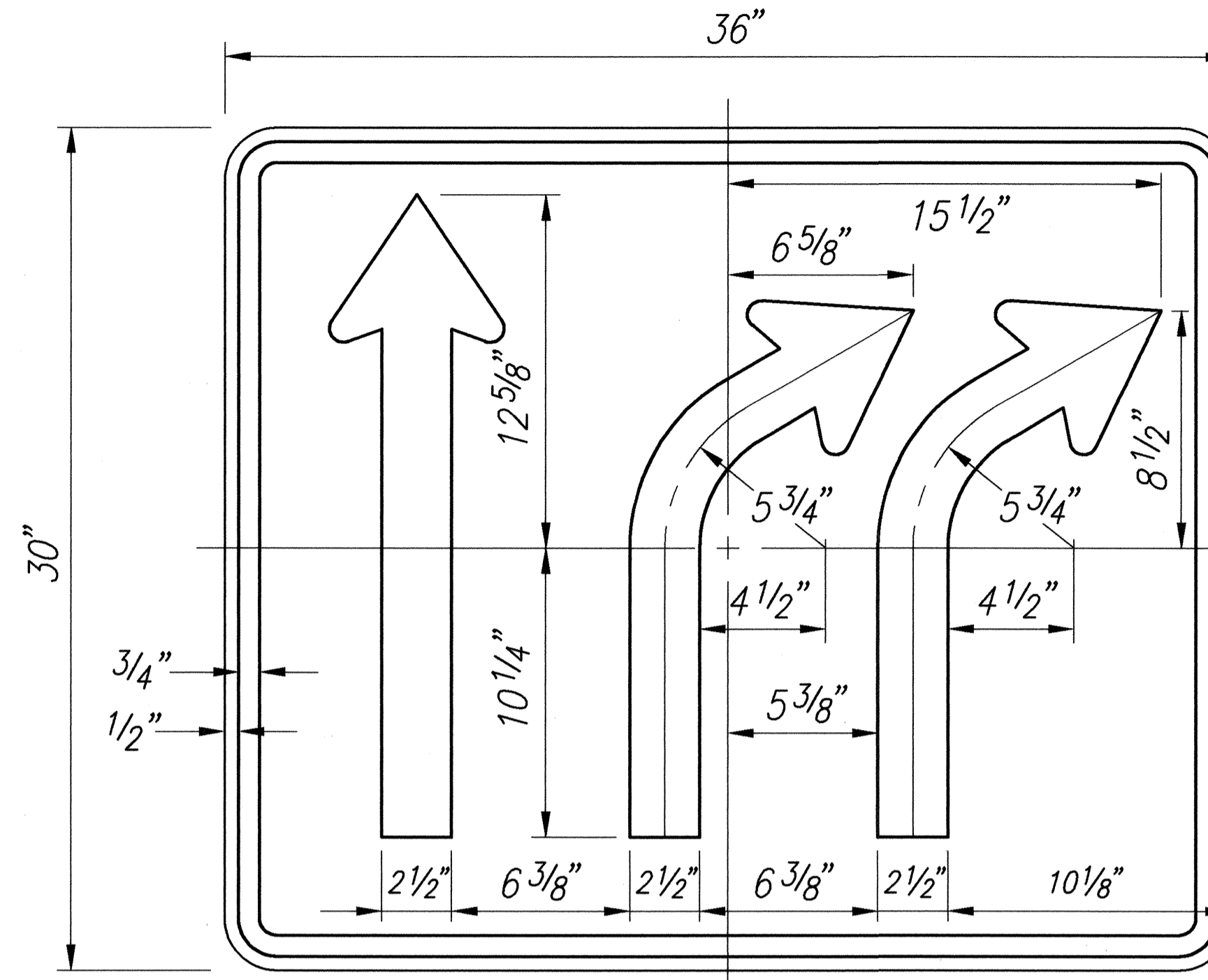
DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
CHECKED BY	
No.	

83-456 PART-1-KING DPOST DESIGN (2) P. 1-40 02/22/94 BY

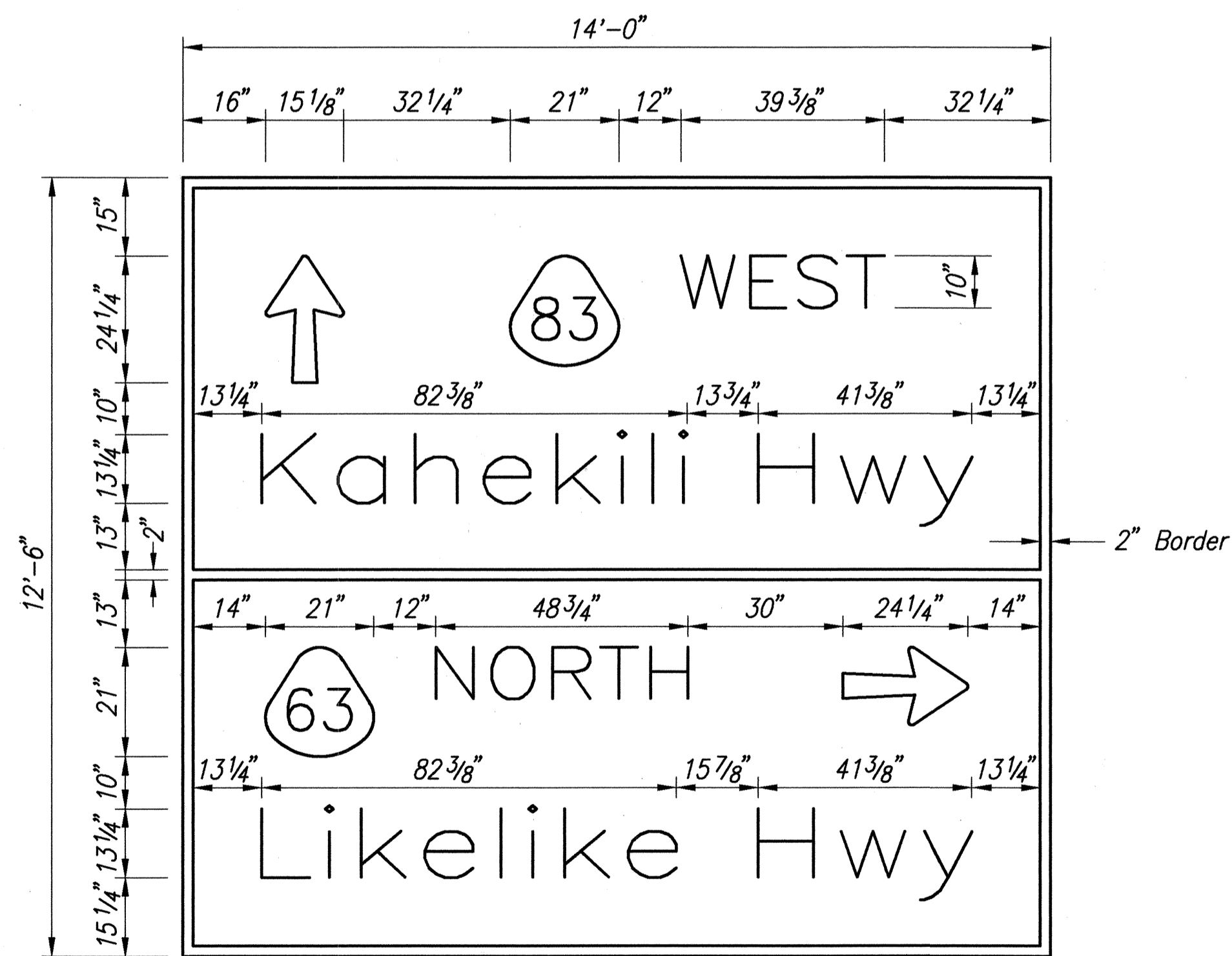
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. 368S-2	521



SIGN D-18
Scale: 1/2" = 1'-0"

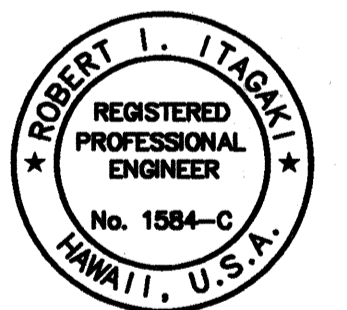


R3-8E
Not to Scale



SIGN D-19
Scale: 1/2" = 1'-0"

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



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Robert I. Itagaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PANEL LAYOUT

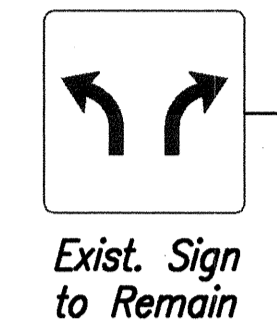
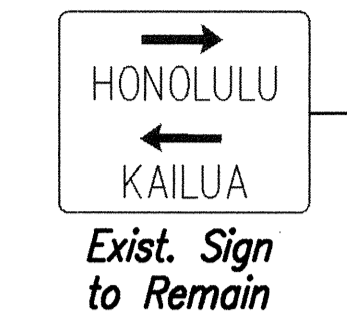
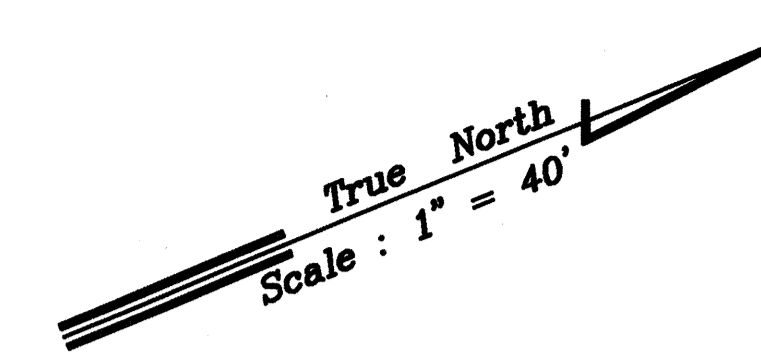
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: 1/2" = 1'-0" DATE: DEC. 1991

SHEET No. OF SHEETS

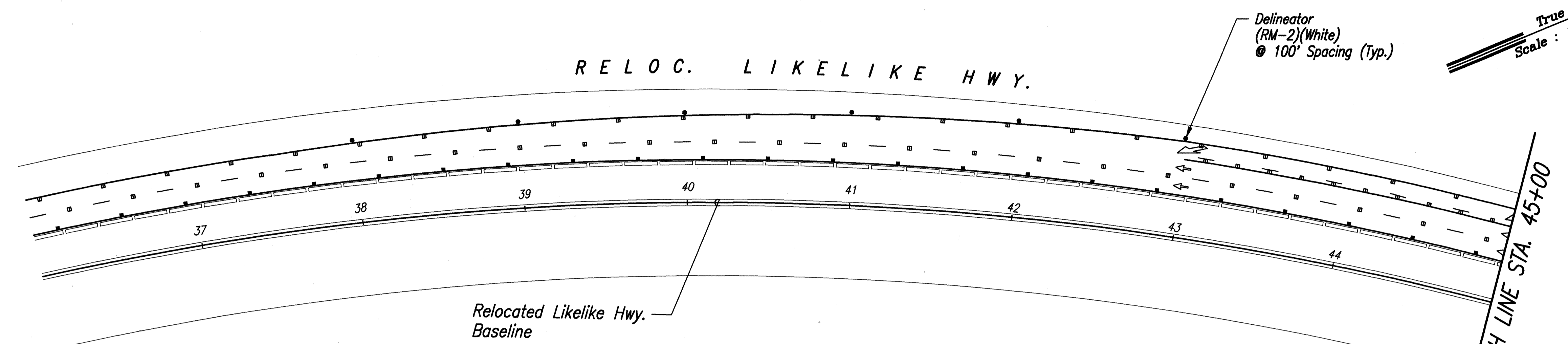
2/17/93	Sheet added to show Panel Layout for Temporary Signing along Ramp 1K.
DATE	REVISION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 368S-3	521



RIGHT LANE PROCEED ANY TIME WITH CAUTION
Relocate Exist. Sign & Post

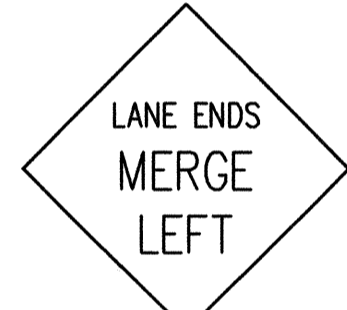
MATCH LINE STA. 45+00



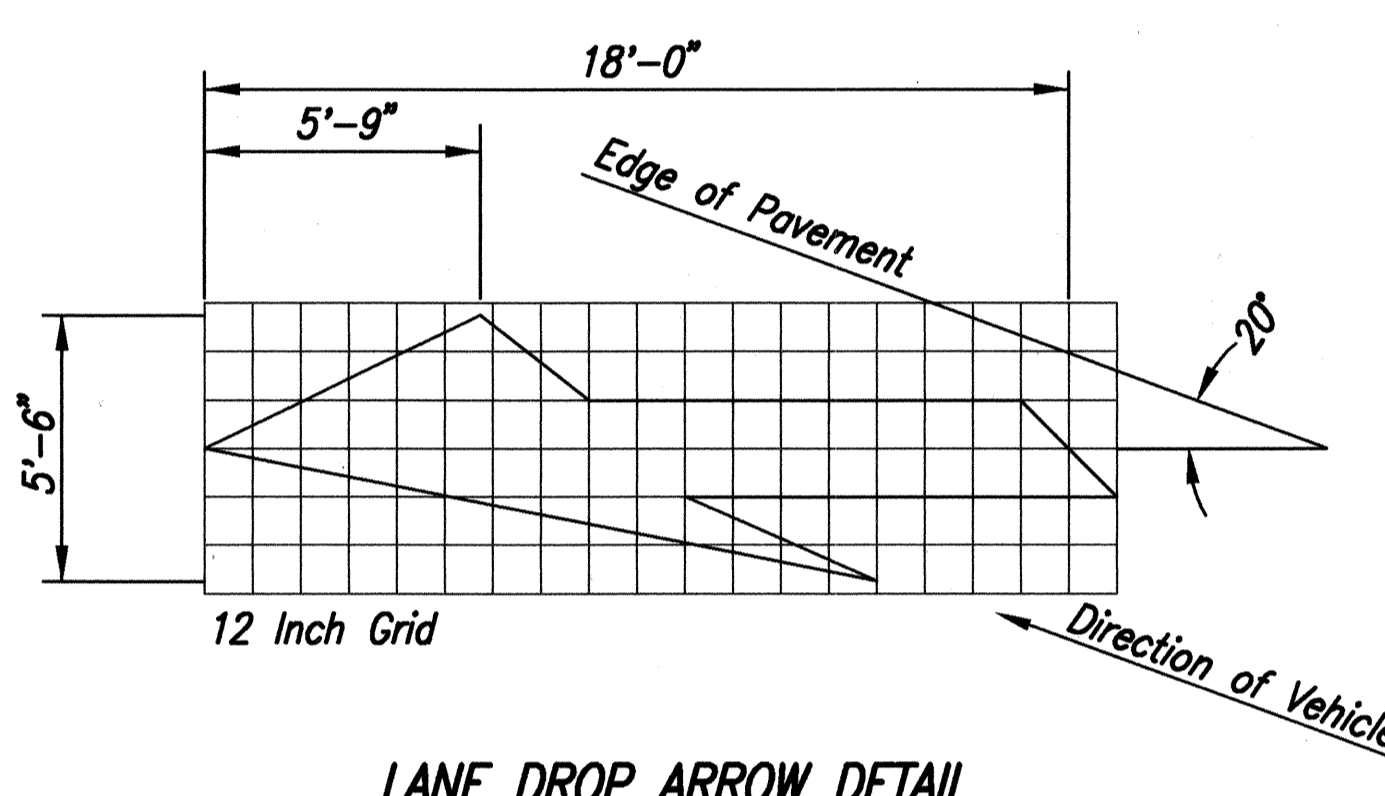
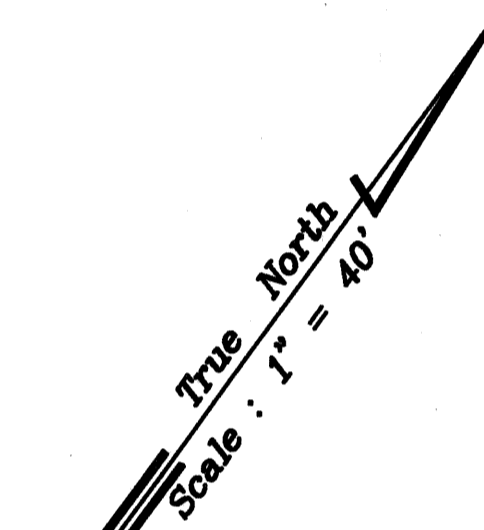
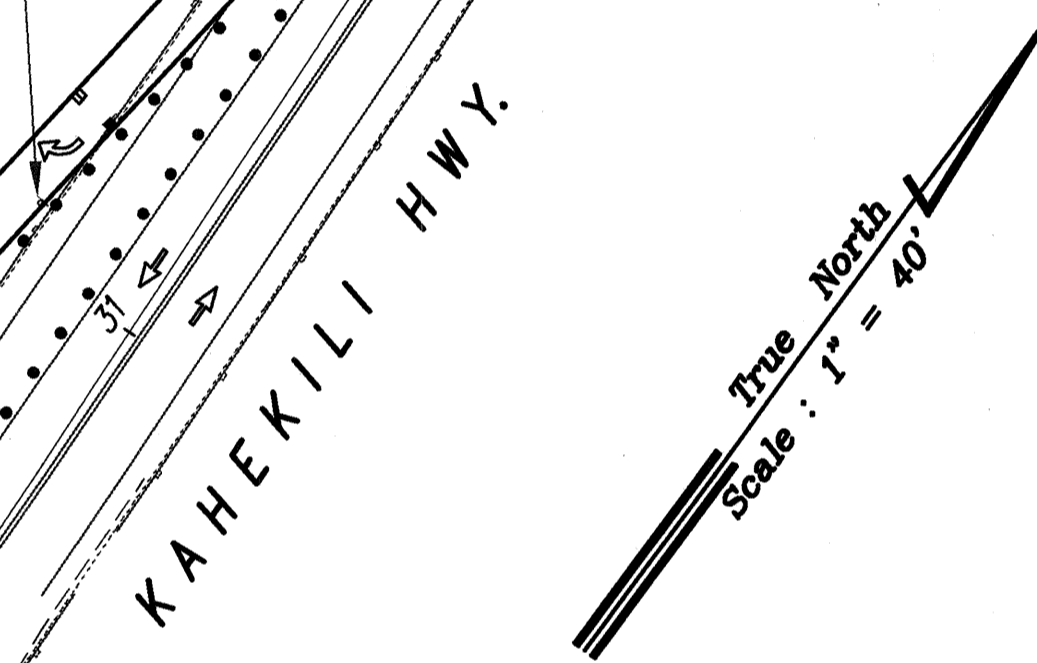
Traffic Delineators (Tube) 10' o.c., 2' from Edge Travelway

4" Wide Solid Yellow Stripe w/Type "H" Pavement Markers @ 40' o.c.

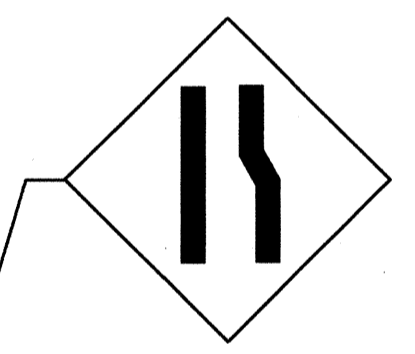
4" Wide Solid White Stripe w/Type "C" Pavement Markers @ 40' o.c.



CW9-2(L)-A 48" X 48"



LANE DROP ARROW DETAIL
Not to Scale



4" Wide White Stripe w/Type "C" Pavement Markers @ 40' o.c.

4" Wide Solid White Stripe

Type "C" Pavement Markers @ 20' o.c.

4" Wide White Stripe

RELOC. LIKELIKE HWY.

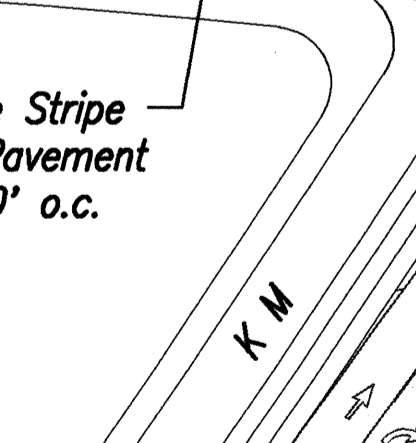
MATCH LINE STA. 45+00

Temporary Portable Concrete Barriers

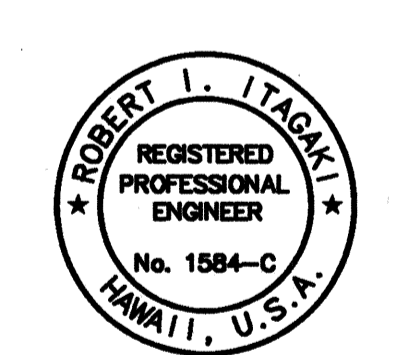
Relocated Likelike Hwy. Baseline

8" Wide White Stripe w/Type "C" Pavement Markers @ 20' o.c.

R=720'



Exist. Traffic Delineators (Tube)



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
Robert I. Itagaki

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

**TEMPORARY STRIPING PLAN AT
KAHEKILI HIGHWAY INTERSECTION**

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

SHEET No. OF SHEETS

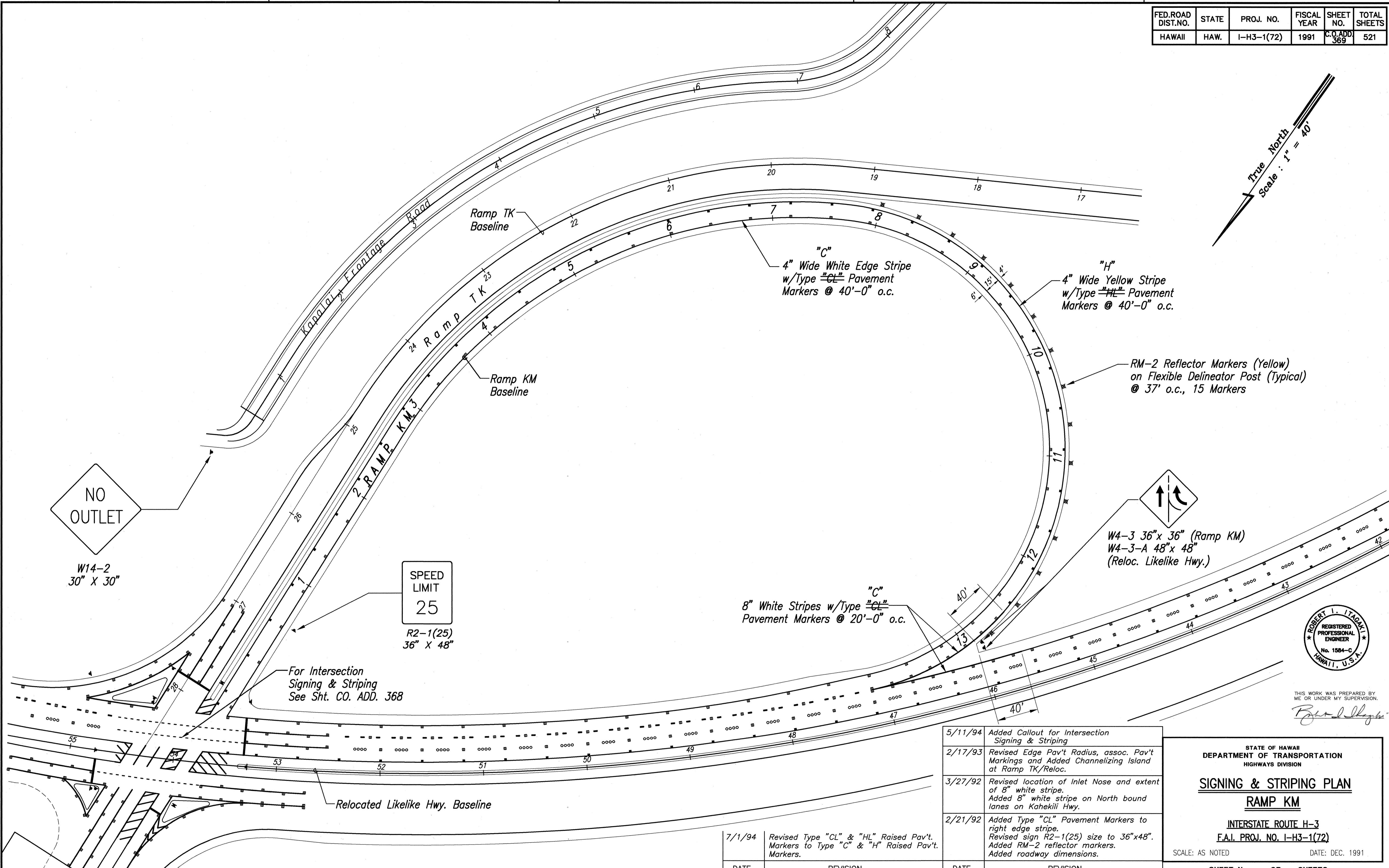
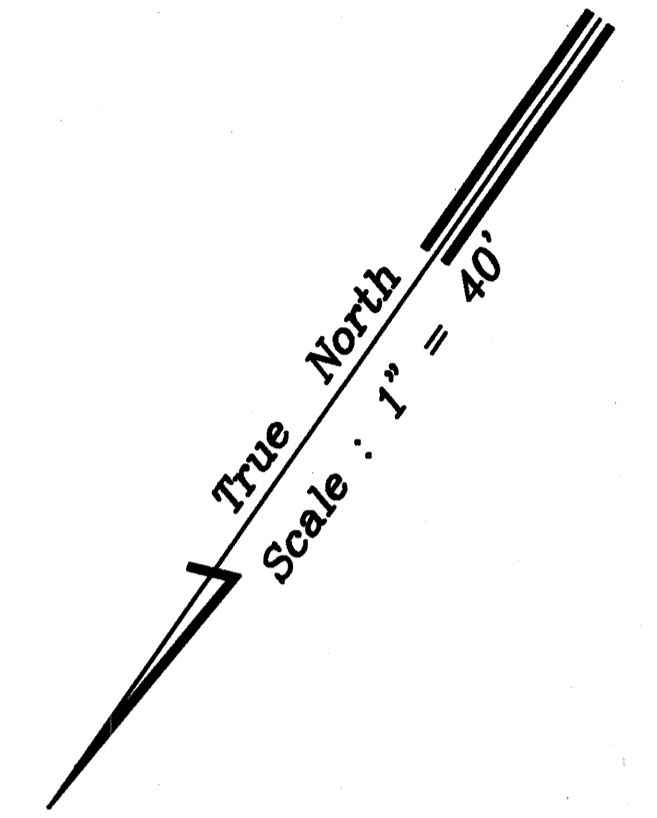
9/6/94	Sheet Added to Show Temporary Pavement Striping at the Intersection of Kahekili Hwy. and Likelike Hwy.
DATE	REVISION

C.O. 368S-3

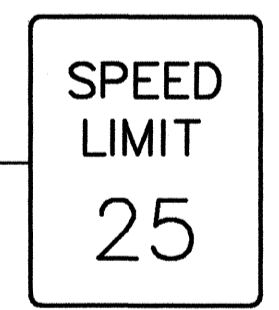
SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
NOTE BOOK	
QUANTITIES BY	
No.	

85-456 (SPT) (INC. D. DETOUR PLAN) (REV. 1-40) 09/23/94 BY

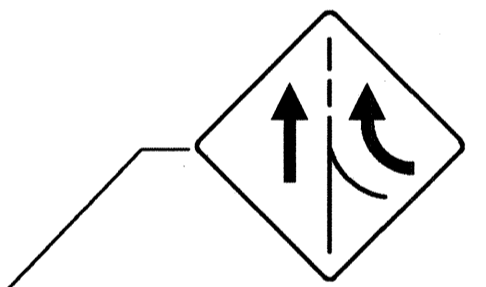
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 369	521



W14-2
30" X 30"



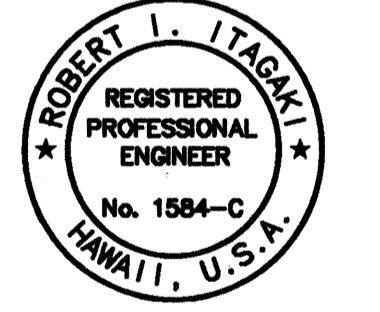
SPEED LIMIT
25
R2-1(25)
36" X 48"



W4-3 36" x 36" (Ramp KM)
W4-3-A 48" x 48"
(Reloc. Likelike Hwy.)

For Intersection
Signing & Striping
See Sht. CO. ADD. 368

Relocated Likelike Hwy. Baseline



THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.
Robert I. Itagaki

5/11/94	Added Callout for Intersection Signing & Striping
2/17/93	Revised Edge Pav't Radius, assoc. Pav't Markings and Added Channelizing Island at Ramp TK/Reloc.
3/27/92	Revised location of Inlet Nose and extent of 8" white stripe. Added 8" white stripe on North bound lanes on Kahekili Hwy.
2/21/92	Added Type "CL" Pavement Markers to right edge stripe. Revised sign R2-1(25) size to 36"x48". Added RM-2 reflector markers. Added roadway dimensions.
7/1/94	Revised Type "CL" & "HL" Raised Pav't. Markers to Type "C" & "H" Raised Pav't. Markers.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & STRIPING PLAN

RAMP KM

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: AS NOTED DATE: DEC. 1991

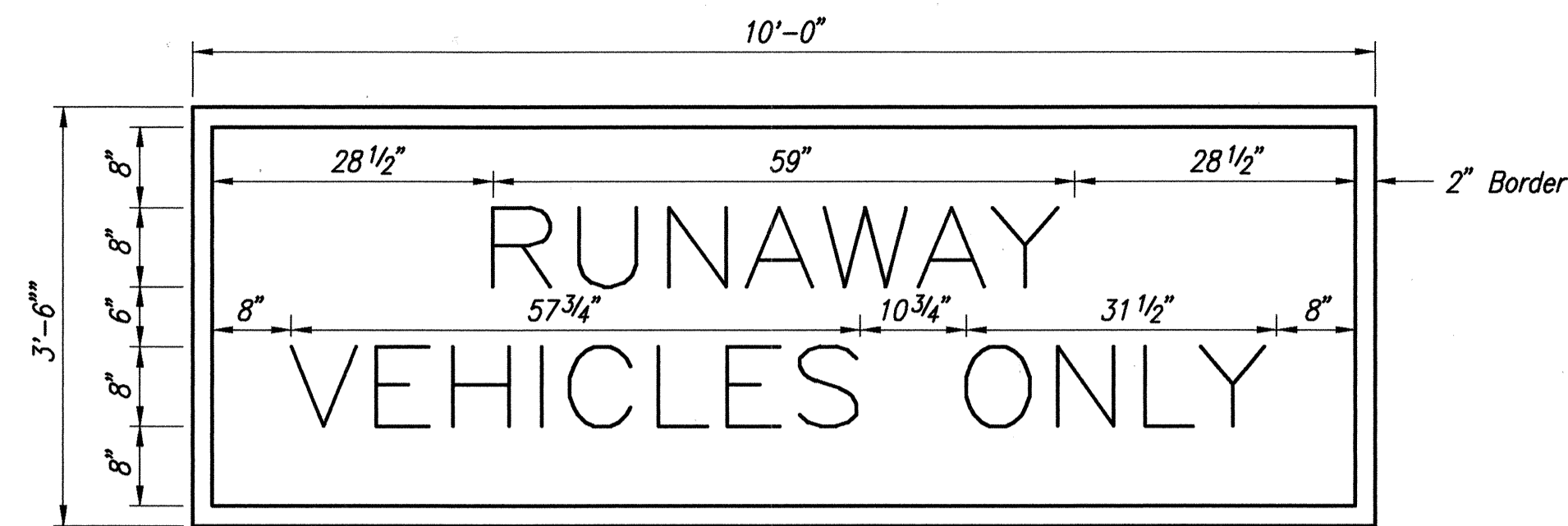
SHEET No. OF SHEETS

C.O. ADD. 369

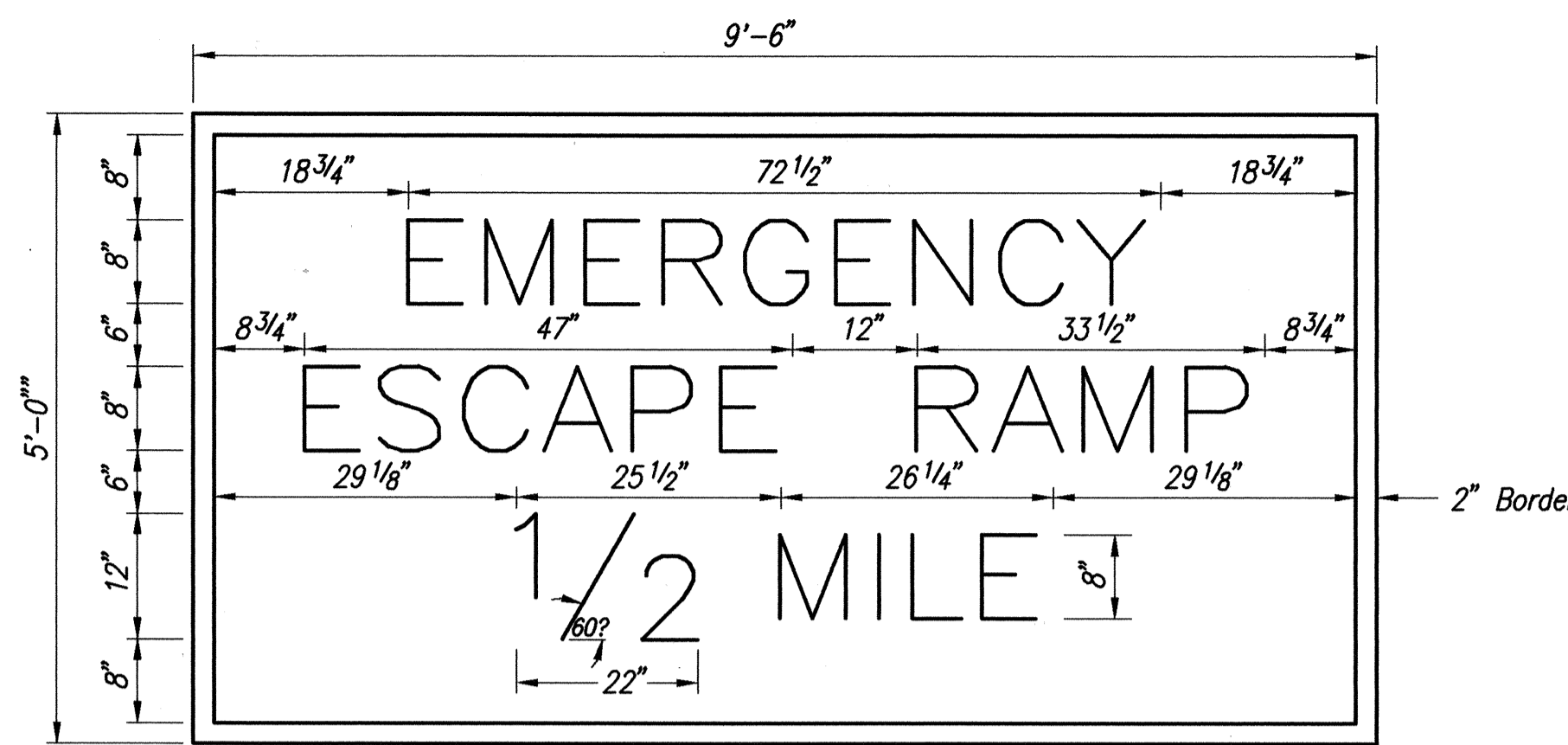
DATE	_____
SURVEY PLOTTED BY	_____
PLAN DRAWN BY	_____
TRACED BY	_____
NOTE BOOK	_____
QUANTITIES BY	_____
No.	_____

88-46.6 F.S.-MIDWING D-STRIPING PLAN Part=40 06/20/94 RY

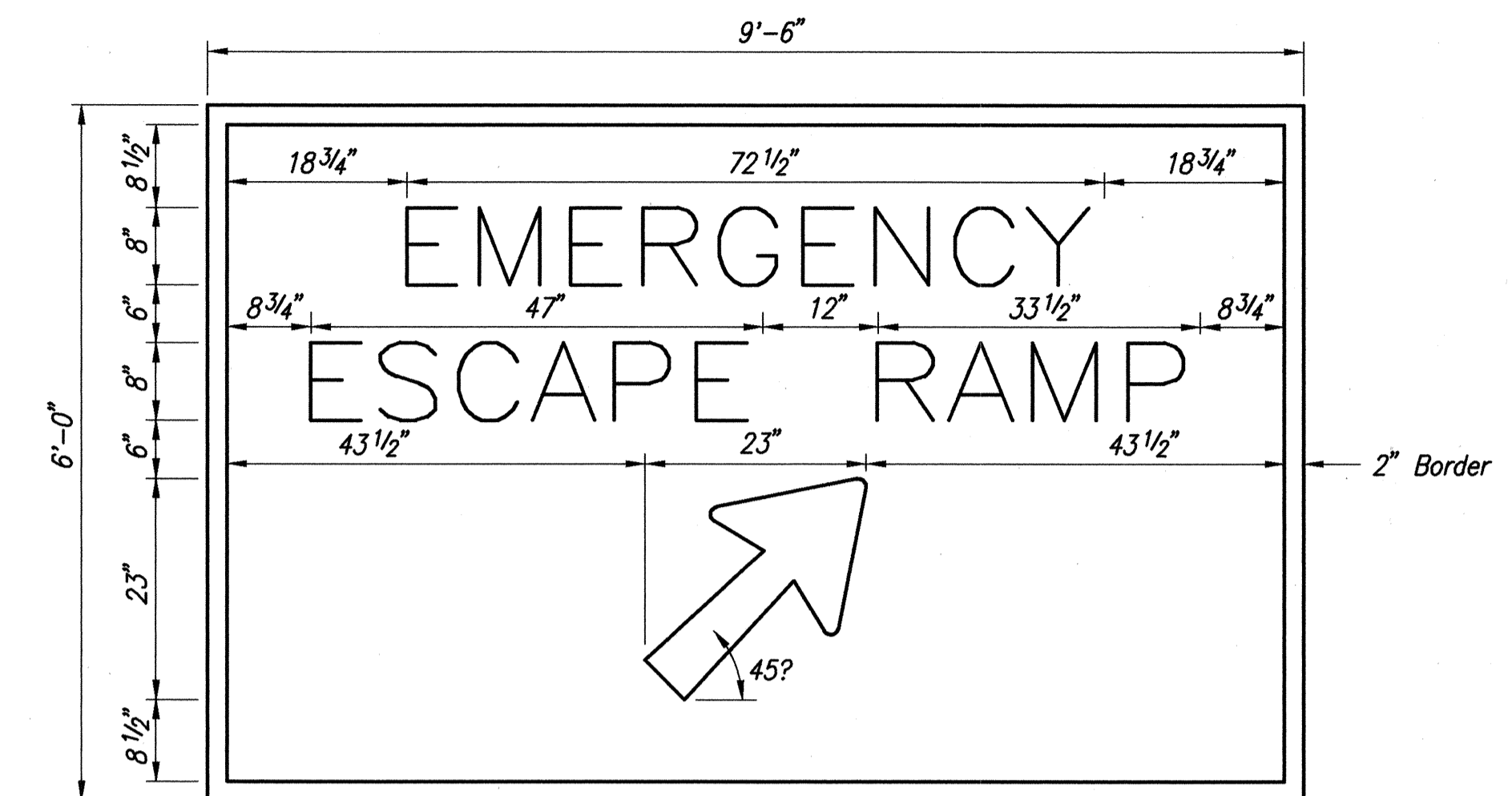
FED.ROAD DIST.NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD 371	521



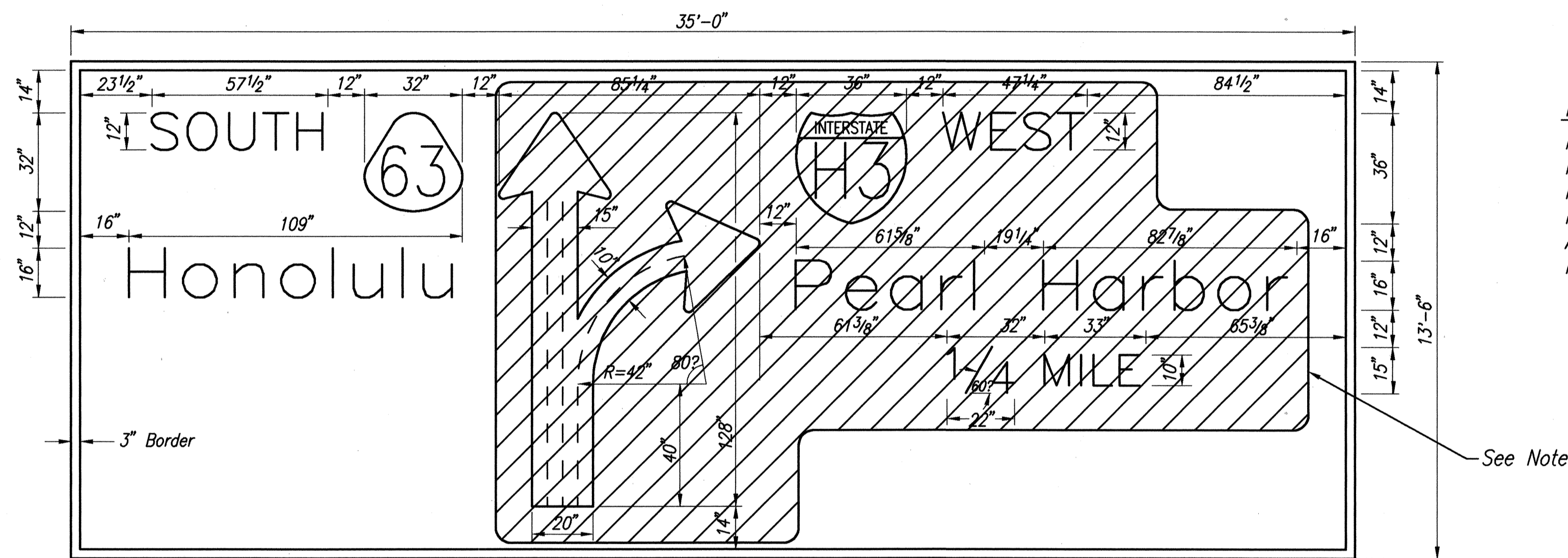
SIGN D-8
SCALE: 3/4" = 1'-0"



SIGN D-15
SCALE: 3/4" = 1'-0"

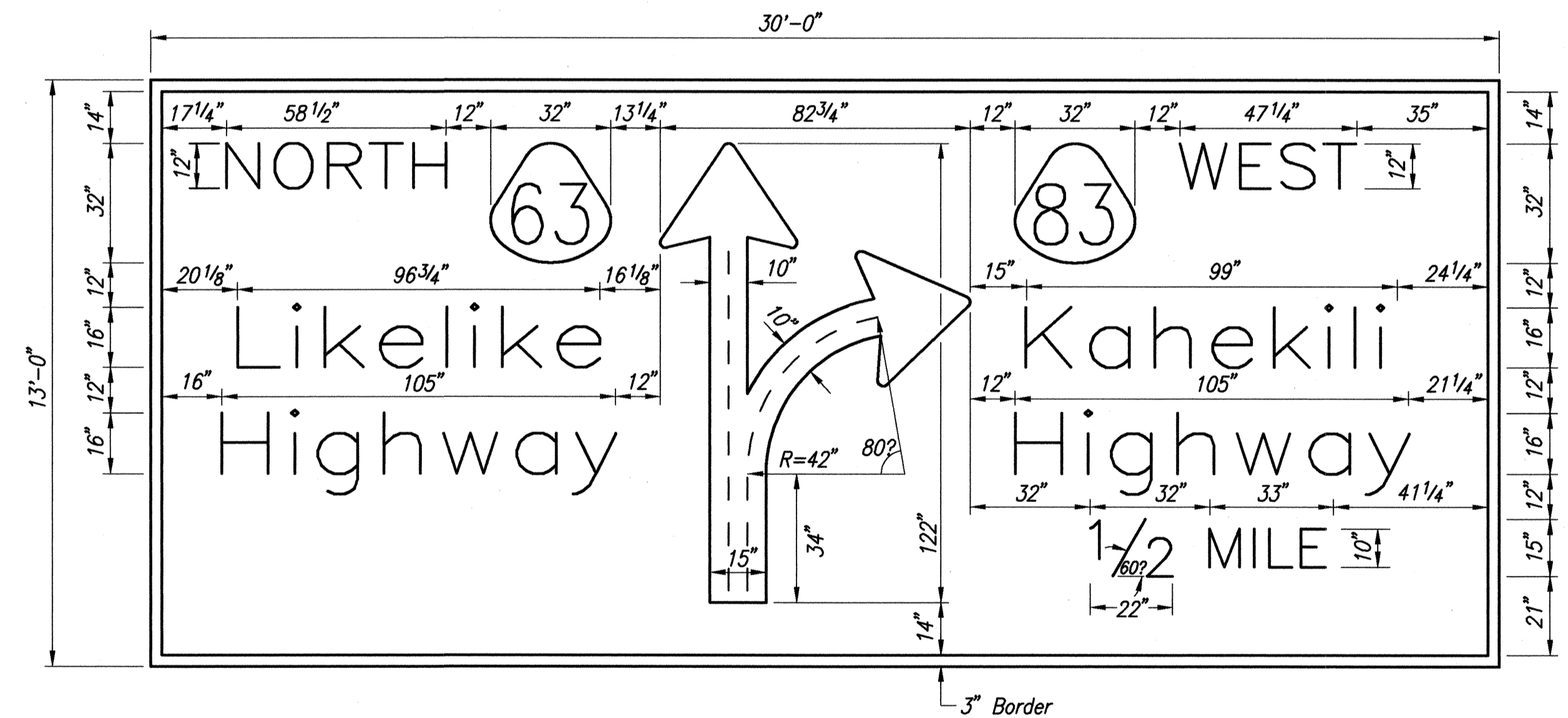


SIGN D-16
SCALE: 3/4" = 1'-0"

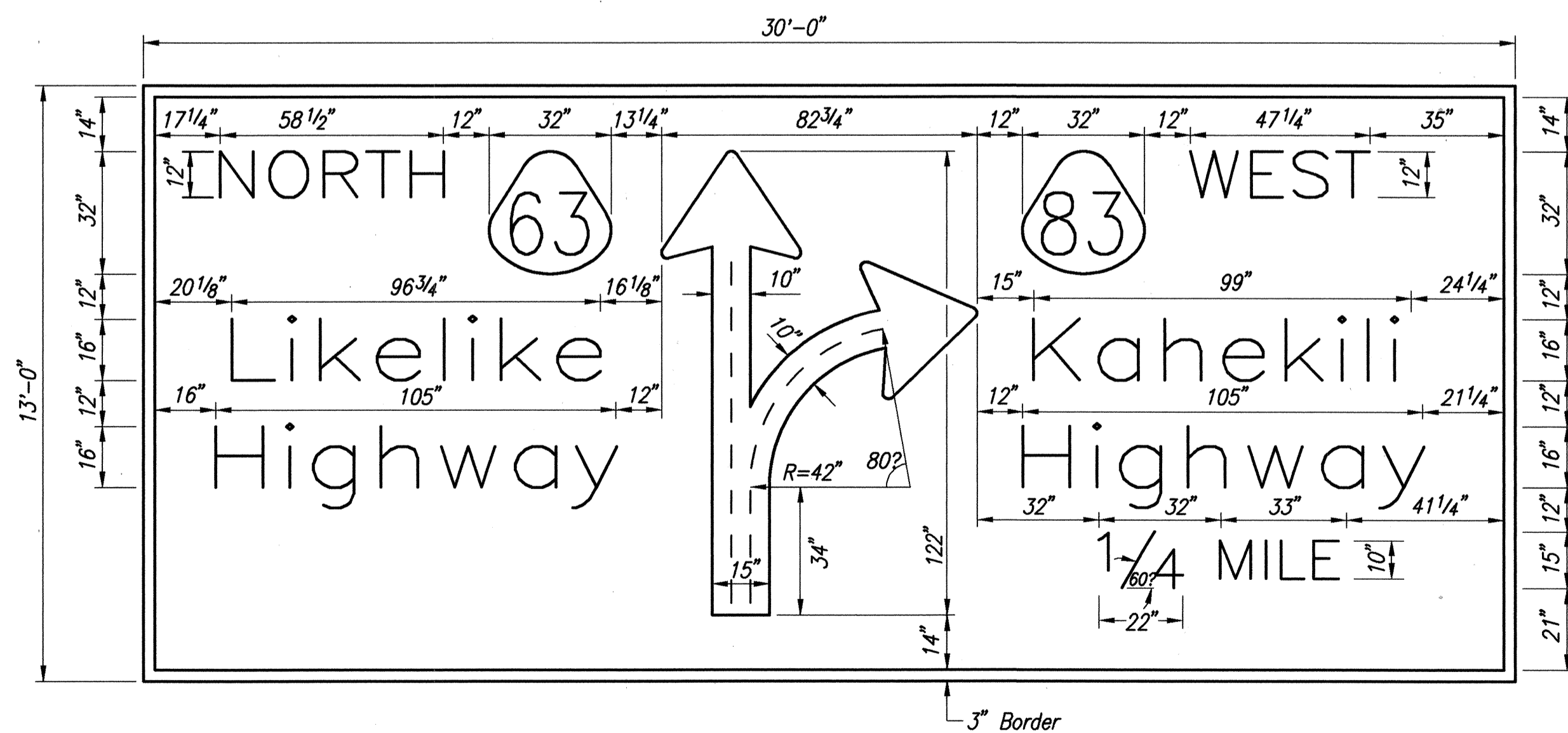


SIGN D-9

NOTE:
For Sign D-9, "Pearl Harbor", "WEST", "1/4 MILE", Route Marker, and Arrow will not be installed under this contract. Required Mounting Holes will be Drilled and Coated to Prevent Corrosion. The Letters, Numbers, Route Marker, Arrow and Fasteners will be Turned In to the State for Future Installation.



SIGN D-10A

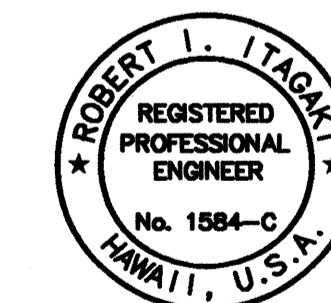


SIGN D-10

DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

44483-637, PHS-56-1027, DASH-2, SIGNS PART-1-32, 12/16/94, BY

12/16/94	Revised Sign D-9 and Added Note.
9/7/93	Signs D-9, D-10 and D-10A shall be reinstalled under this contract. Revised Signs D-10 & D-10A.
3/27/92	Signs D-9, D-10 and D-10A shall be N.I.C.
DATE	REVISION



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Robert Watari
12-16-94

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PANEL LAYOUT

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: 3/8" = 1'-0" DATE: DEC. 1991

SHEET No. OF SHEETS

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O. ADD. 372	521

ARROW DIMENSIONS IN INCHES

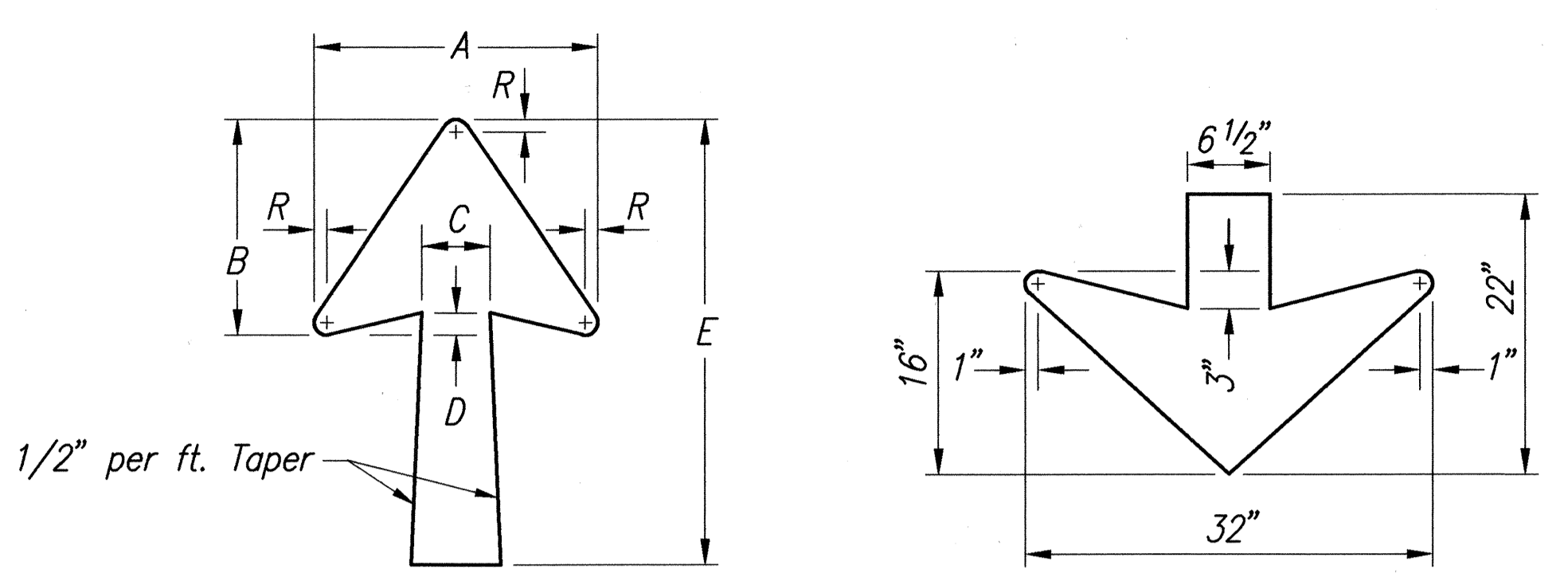
SIGN NO.	A	B	C	D	E	R
D-4	22 1/2"	17"	5 3/8"	1 3/4"	35 5/8"	1"
D-16	18 1/4"	14"	4 1/2"	1 1/2"	29 1/4"	3/4"

DIAGRAMMATIC ARROW DIMENSIONS IN INCHES

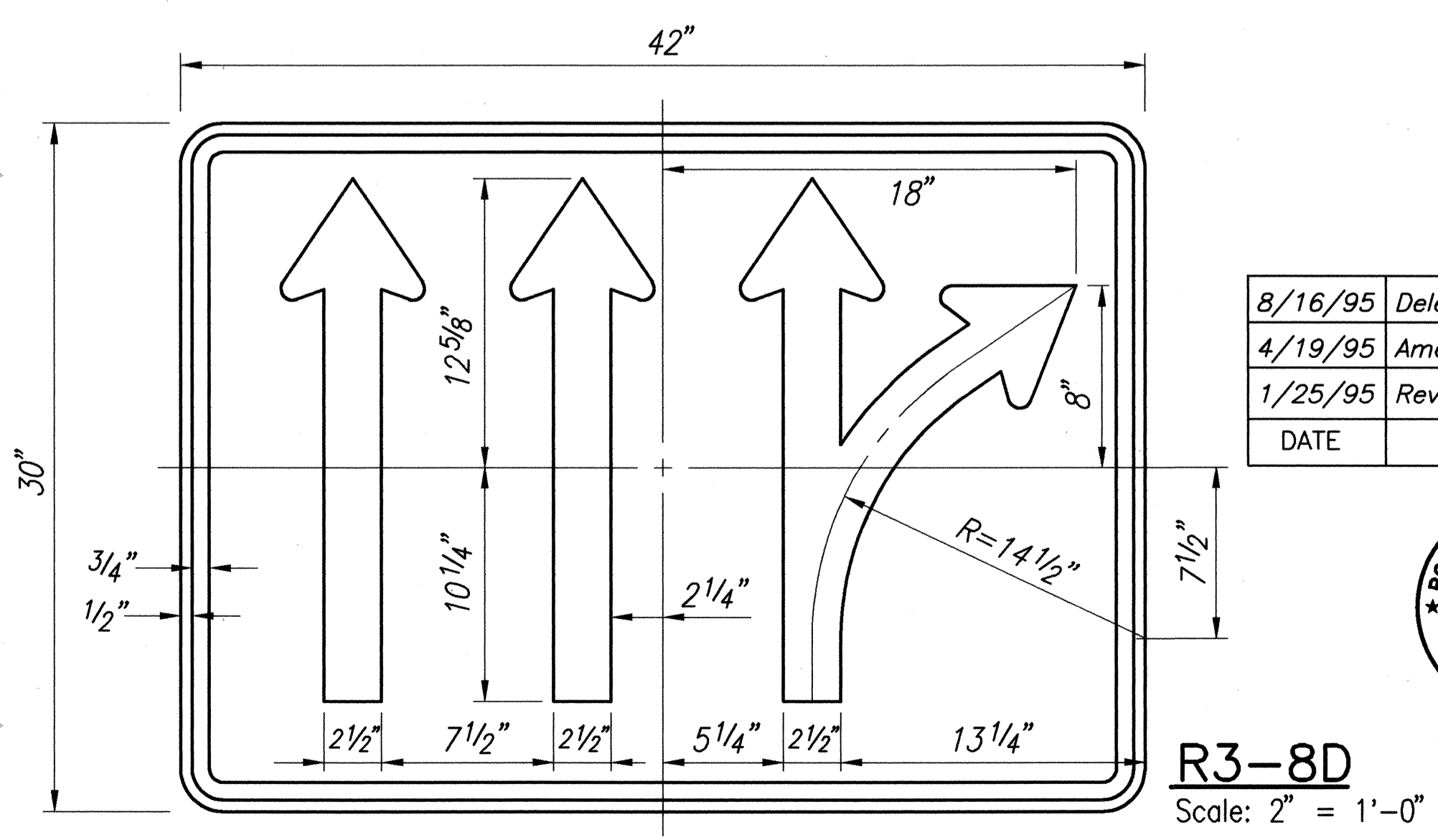
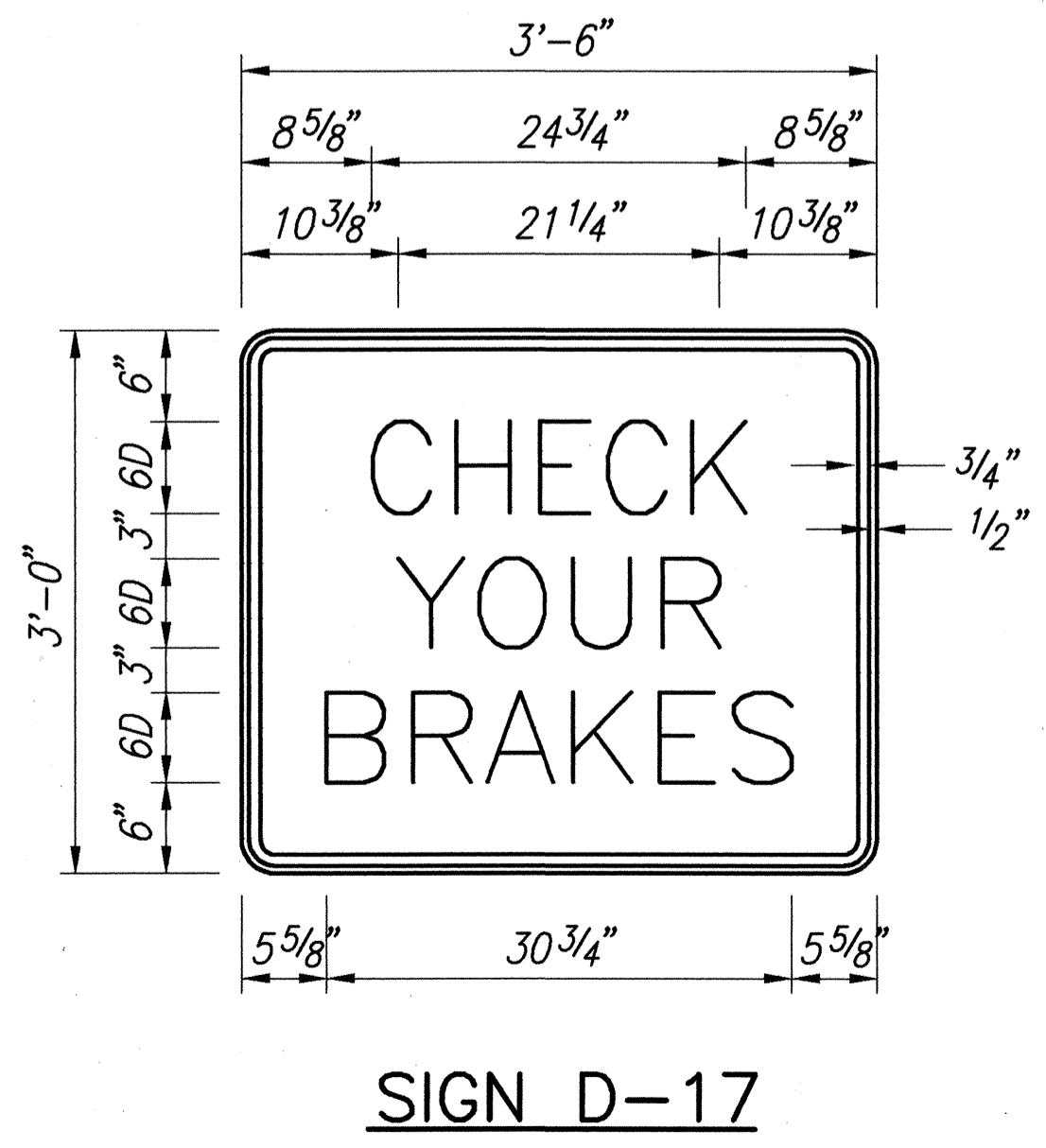
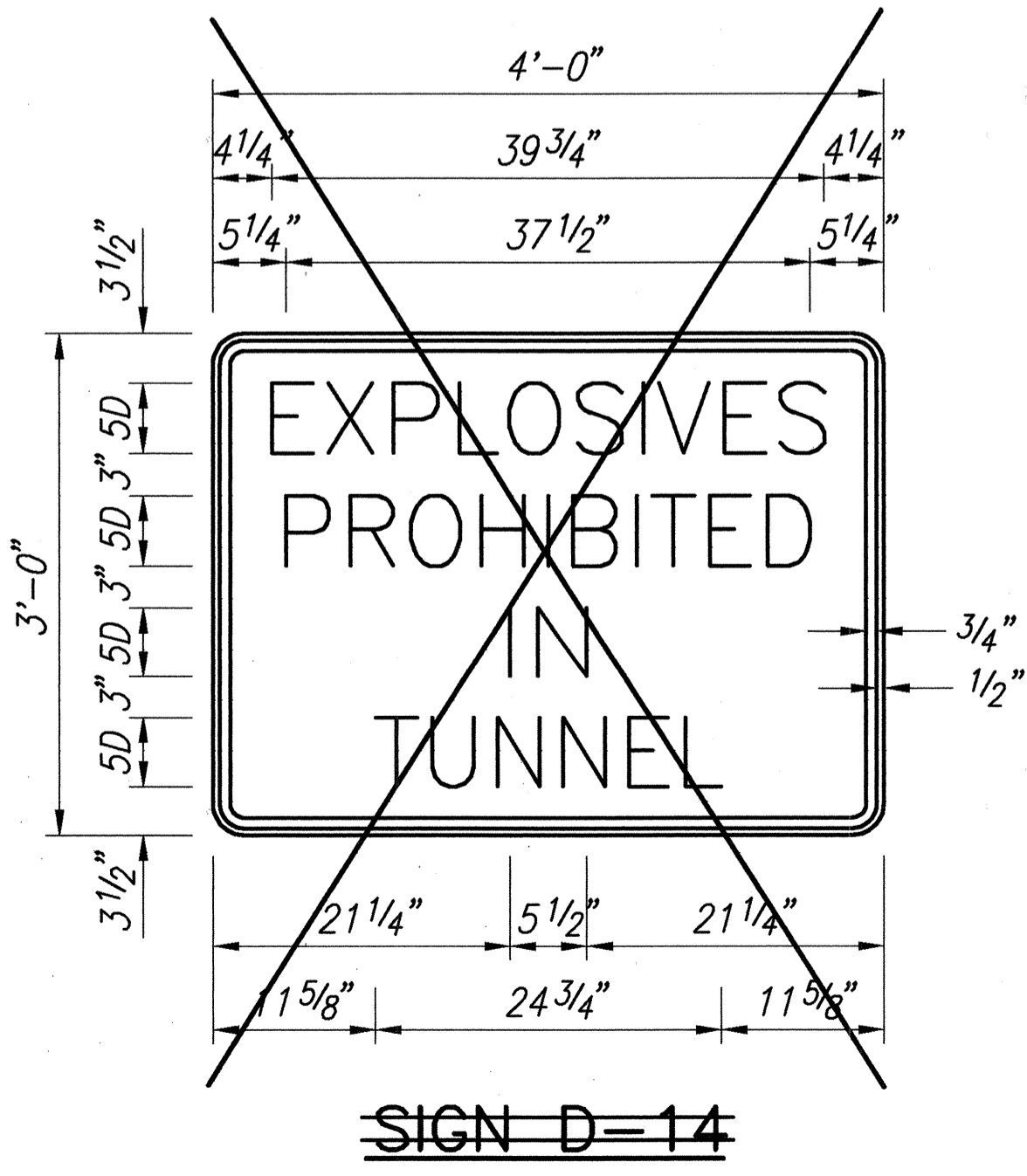
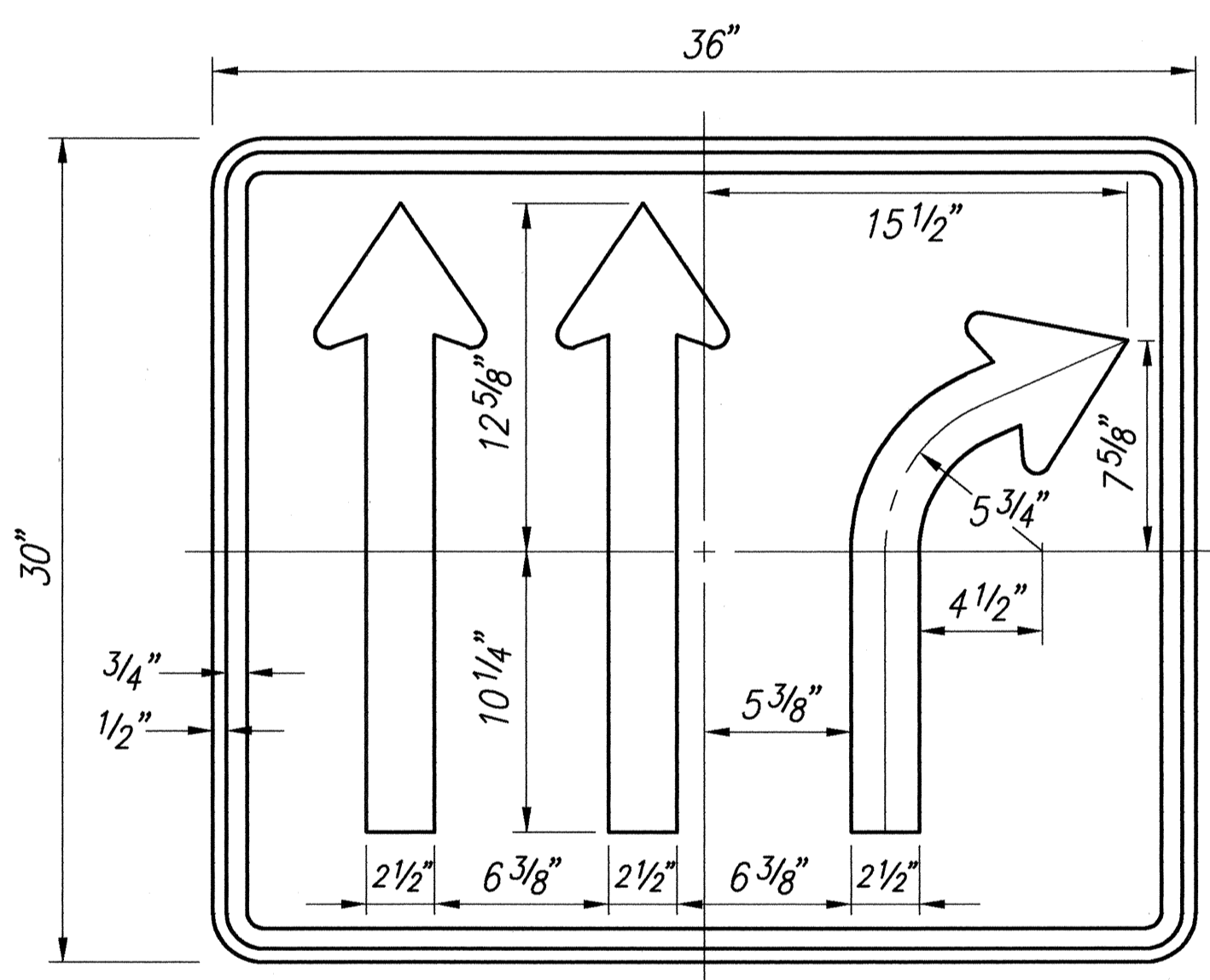
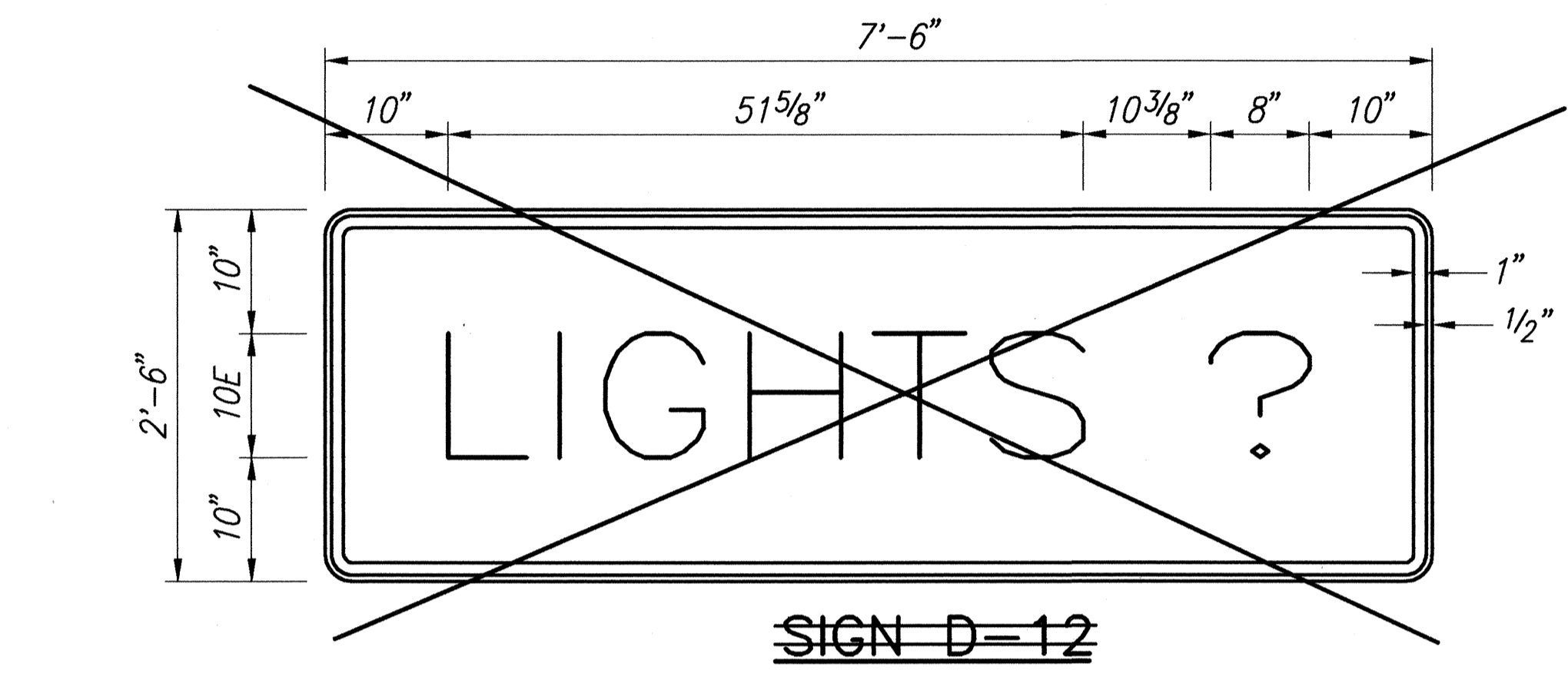
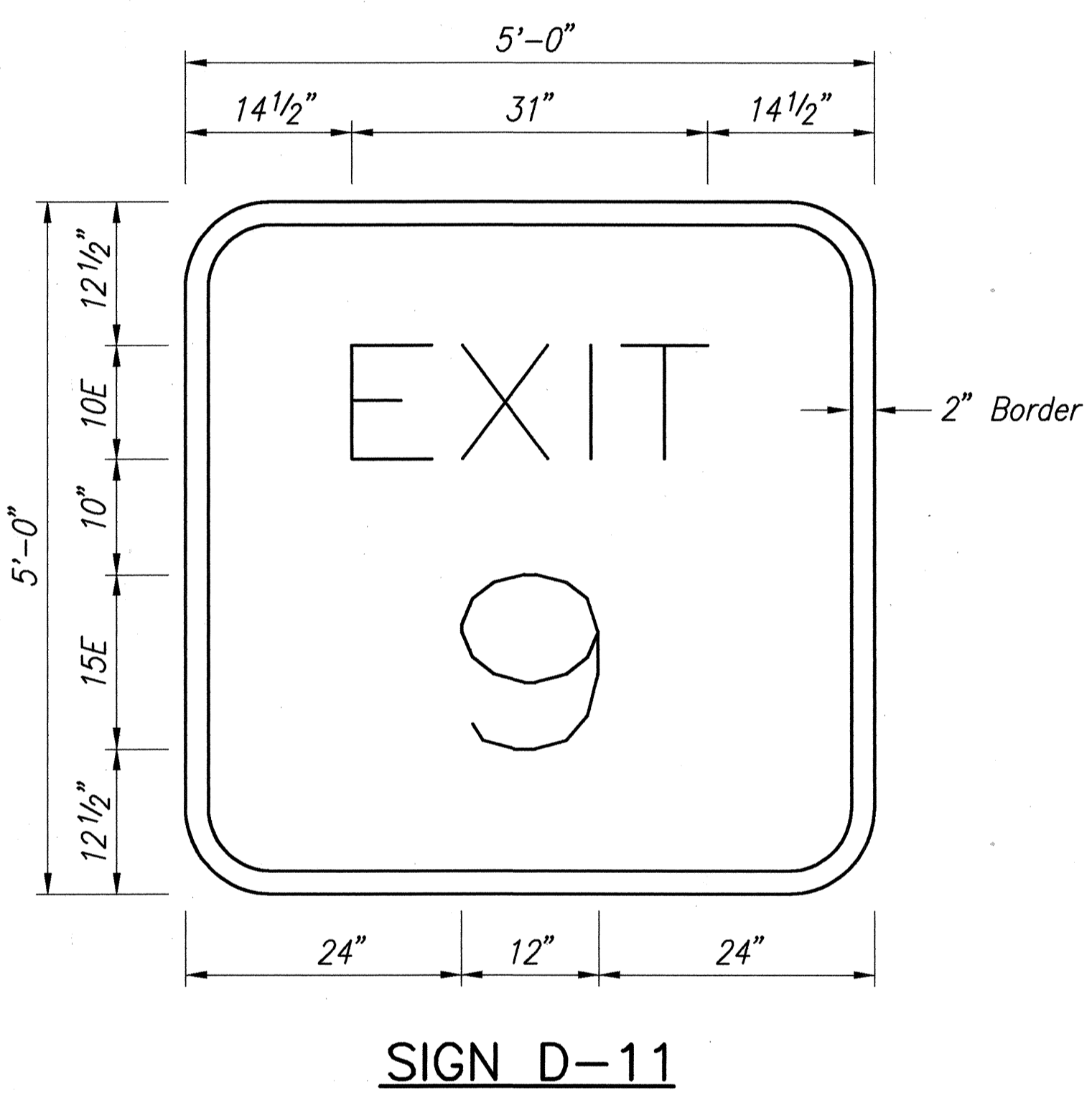
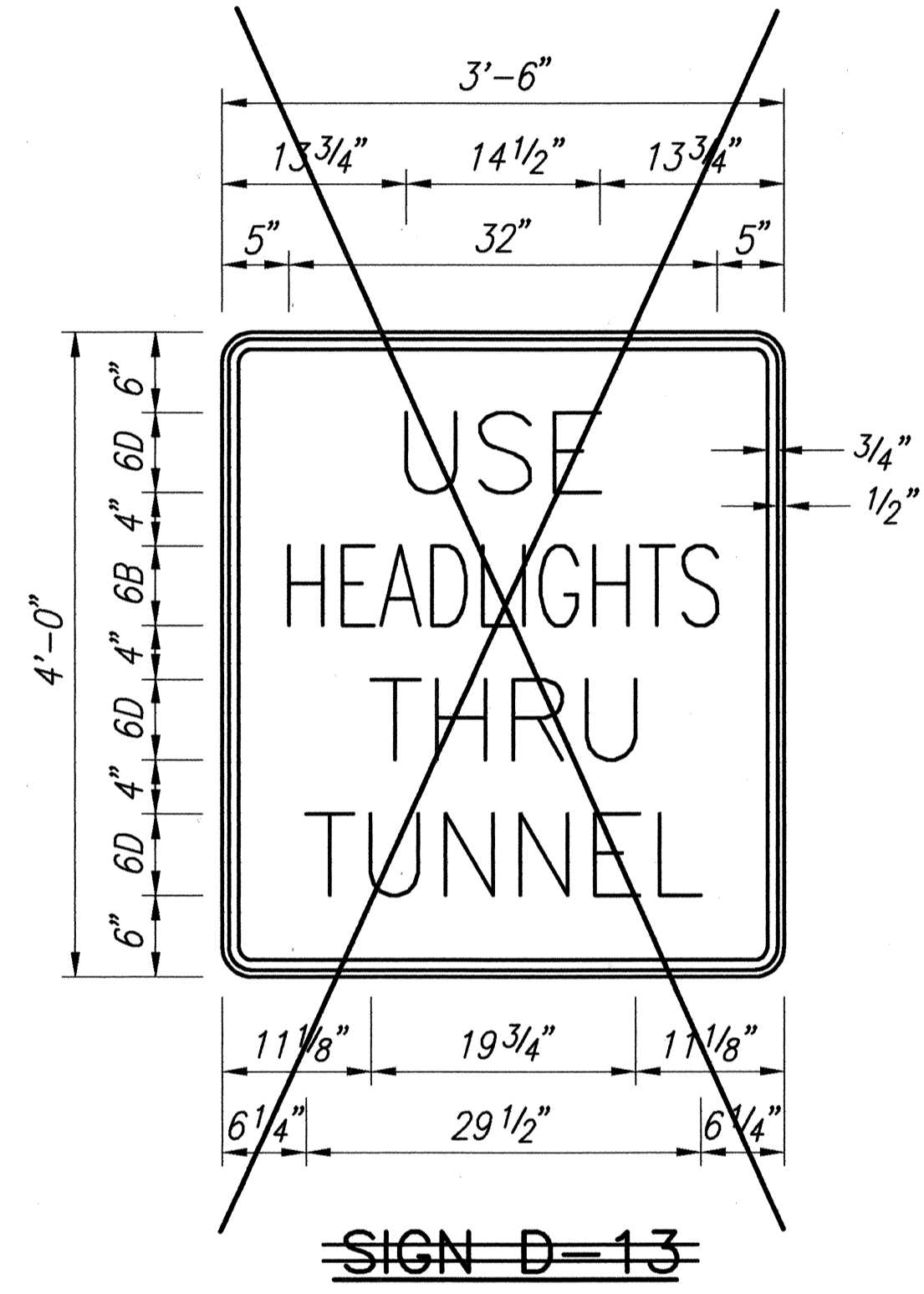
	A	B	C	D	R
1 LANE	18 1/4"	14"	5"	17/16"	3/4"
2 LANES	36 1/2"	28"	10"	2 7/8"	1 1/2"
3 LANES	36 1/2"	28"	15"	2 1/4"	1 1/2"

EXIT NUMBER SIGN SUMMARY

INSTALLED ABOVE SIGN NO.	DESCRIPTION	PANEL AREA (SQ. FT.)
D-3	EXIT 9	21.25
D-4	EXIT 9	21.25



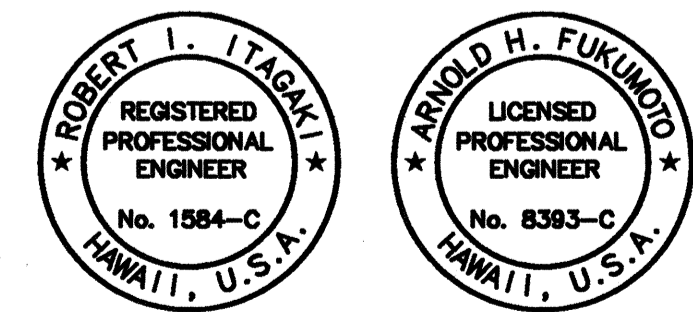
ARROW DETAILS
NTS



ORIGINAL GUIDE SIGN SUMMARY
DESIGNATION AS SHOWN ON PLANS, SPECIFICATIONS AND PROPOSAL

REVISED GUIDE SIGN SUMMARY	TYPE	DESCRIPTION	PANEL AREA (SQ. FT.)
E-1	D-1	LIKELIKE HIGHWAY	156.00
E-2	D-2	HONOLULU PEARL HARBOR	227.50
D-3	D-3	LIKELIKE HIGHWAY 1/2 MILE	247.25
E-4	D-4	LIKELIKE HIGHWAY	187.00
E-5	D-5	LIKELIKE HIGHWAY	183.75
E-6	D-6	KAHEKILI HWY	183.75
W4-4-A	D-7	LL	16.00
R5-8	D-8	RUNAWAY VEHICLES ONLY	35.00
E-9	D-9	HONOLULU PEARL HARBOR 1/4 MILE	472.50
E-10	D-10	LIKELIKE HIGHWAY KAHEKILI HIGHWAY 1/4 MILE	390.00
E-10A	D-10A	LIKELIKE HIGHWAY KAHEKILI HIGHWAY 1/2 MILE	390.00
D-11	D-11	EXIT 9	25.00
R17-1	D-12	LIGHTS ?	18.75
R17-2	D-13	USE HEADLIGHTS THRU TUNNEL	14.00
R17-3	D-14	EXPLOSIVES PROHIBITED IN TUNNEL	12.00
W7-4c	D-15	ESCAPE RAMP 1/2 MILE	47.50
W7-4d	D-16	EMERGENCY ESCAPE RAMP	57.00
W7-10	D-17	CHECK YOUR BRAKES	10.50
R3-8C	R3-8C	↑↑↑	7.50
R3-8D	R3-8D	↑↑↑	8.75
E-18	D-18	KAHEKILI HWY. LEFT LANE	98.00
E-19	D-19	KAHEKILI HWY LIKELIKE HWY	175.00

DATE	REVISION
8/24/93	Revised Signs D-10 & D-10A and Added Signs D-18 & D-19 to Summary.
2/21/92	Added Revised Guide Sign Summary. Revised border width and corner radii for signs D-12, D-13, D-14, and D-17. Added detail for sign R3-8C & R3-8D.
8/16/95	Deleted Signs D-12, D-13 & D14.
4/19/95	Amended Exit Number Sign.
1/25/95	Revised Sign D-11.



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PANEL LAYOUT

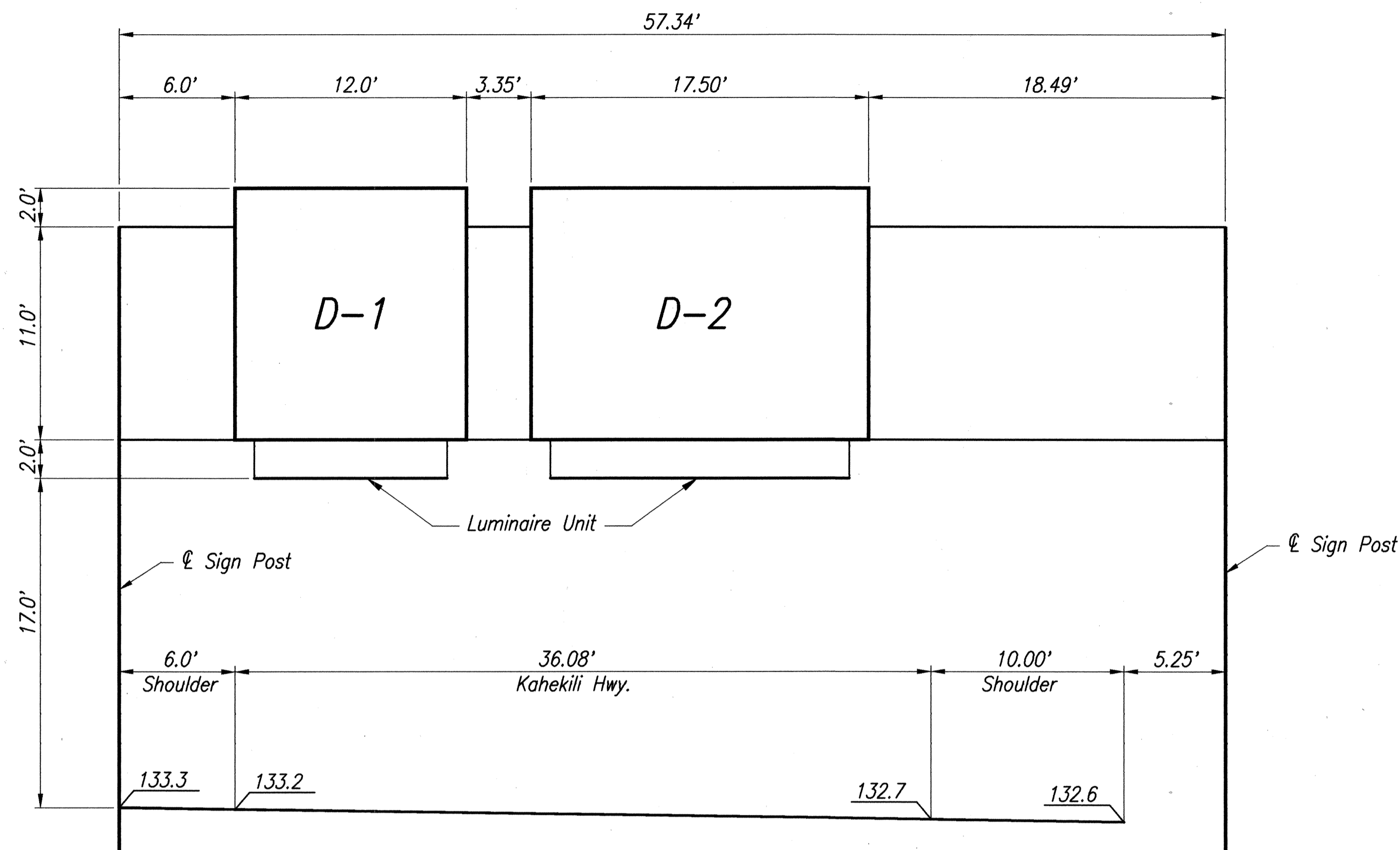
INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H3-1(72)

SCALE: 1" = 1'-0" DATE: DEC. 1991

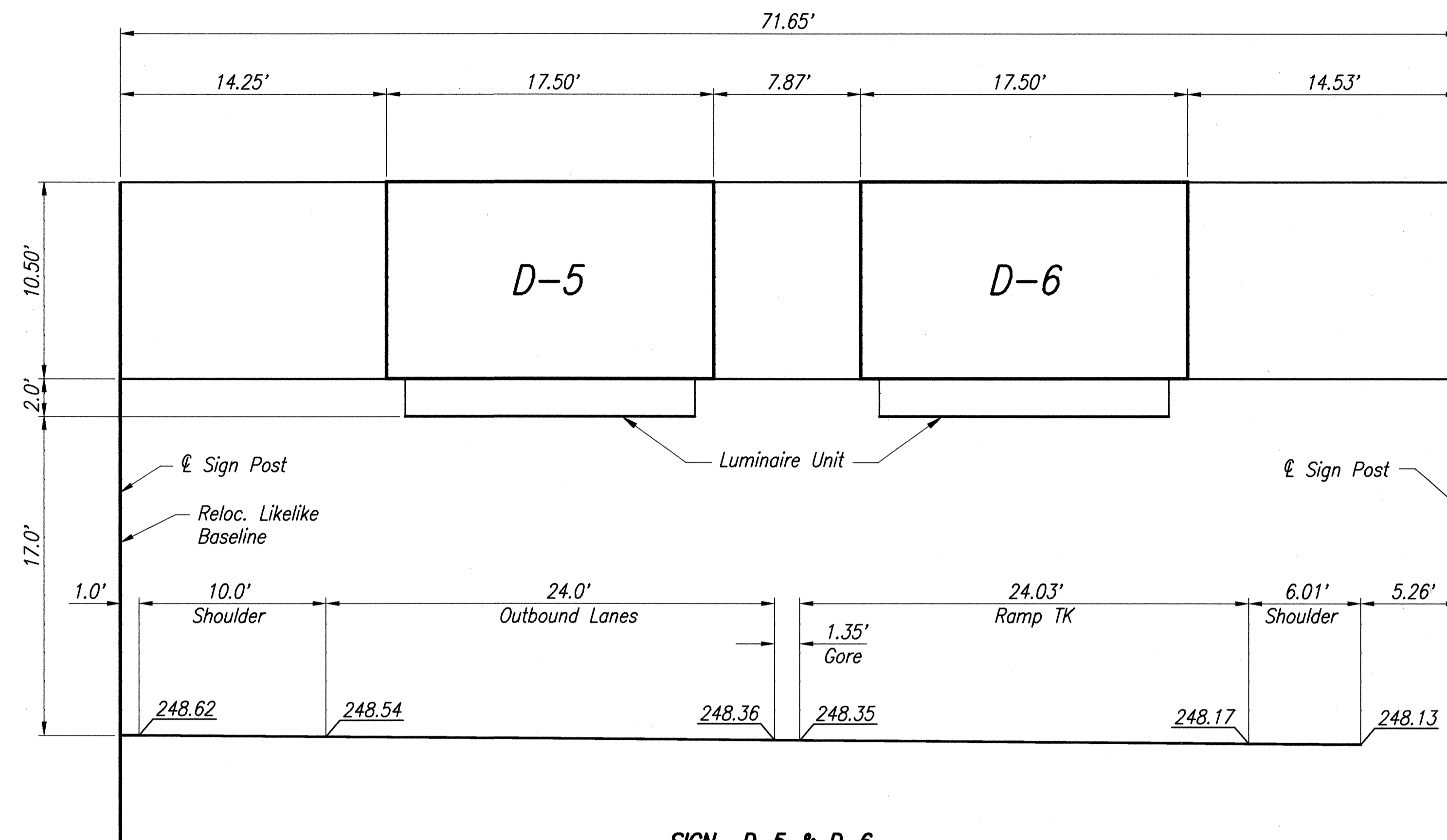
SHEET No. OF SHEETS

ORIGINAL PLAN DATE
 SURVEY PLOTTED BY
 DRAWN BY
 TRACED BY
 NOTE BOOK
 QUANTITIES BY
 CHECKED BY
 No.

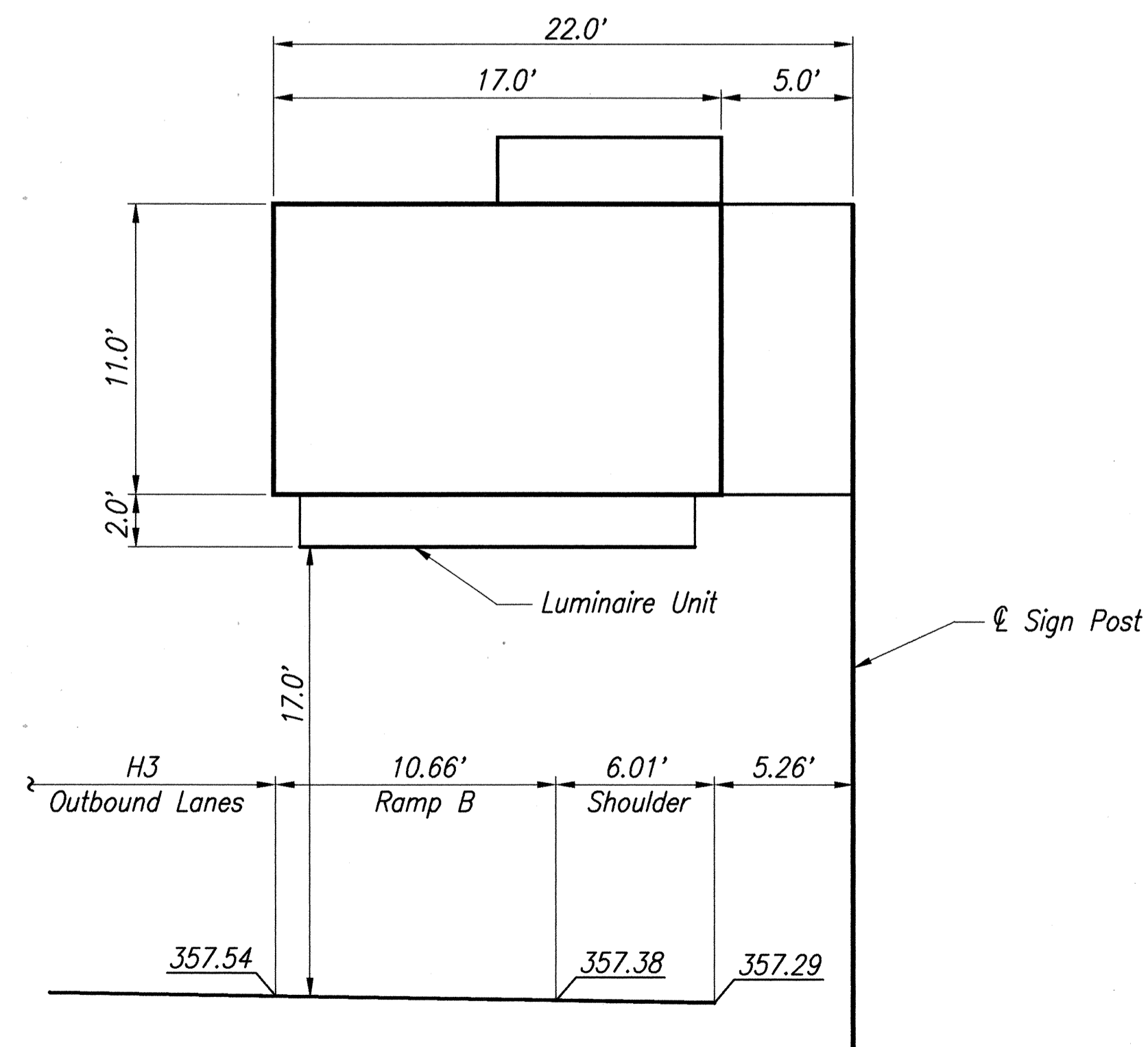
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O.ADD. 373	521



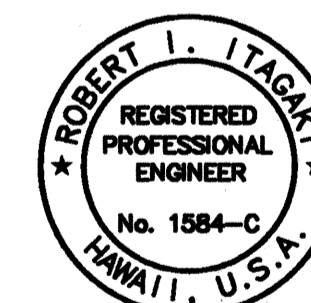
SIGN D-1 & D-2
 Ramp TK Sta. 29+93
 Panel Height = 156"



SIGN D-5 & D-6
 Reloc. Likelike Sta. 28+70
 Panel Height = 126"



SIGN D-4
 H3 Sta. 344+58
 Panel Height = 132"



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Robert I. Itagaki

DATE	REVISION
1/14/94	Revised Frame Layout Dimension for Sign D-1 and D-2
12/15/93	Revised Station for Sign D-1 and D-2.
9/7/93	Revised sign frame depth for sign D-1 and D-2 from 13' to 11'.
2/21/92	Added Sign number on panels of multiple sign installations.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

FRAME LAYOUT

INTERSTATE ROUTE H-3
 F.A.I. PROJ. NO. I-H-3-1(72)

SCALE: 1" = 5'-0" DATE: DEC. 1991

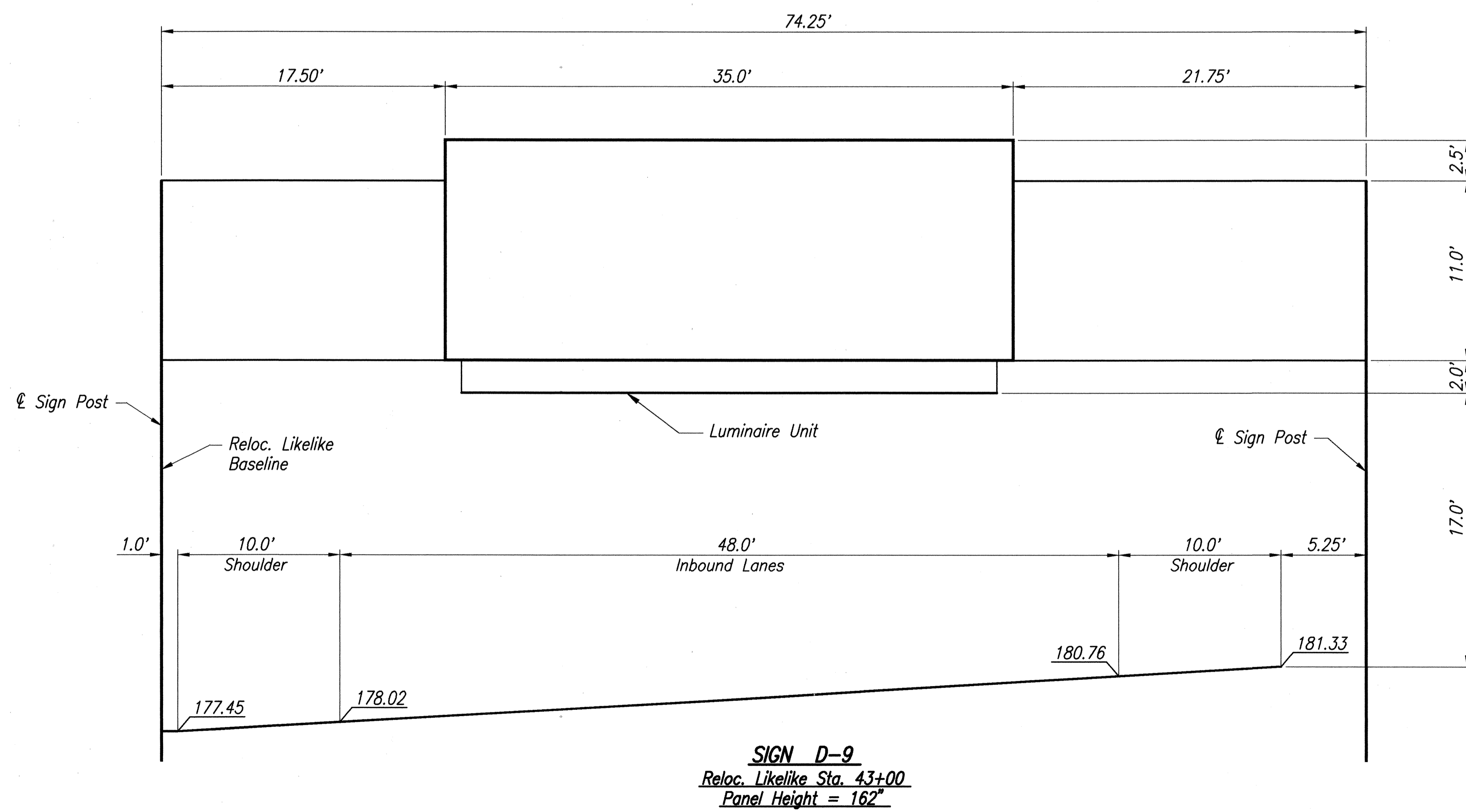
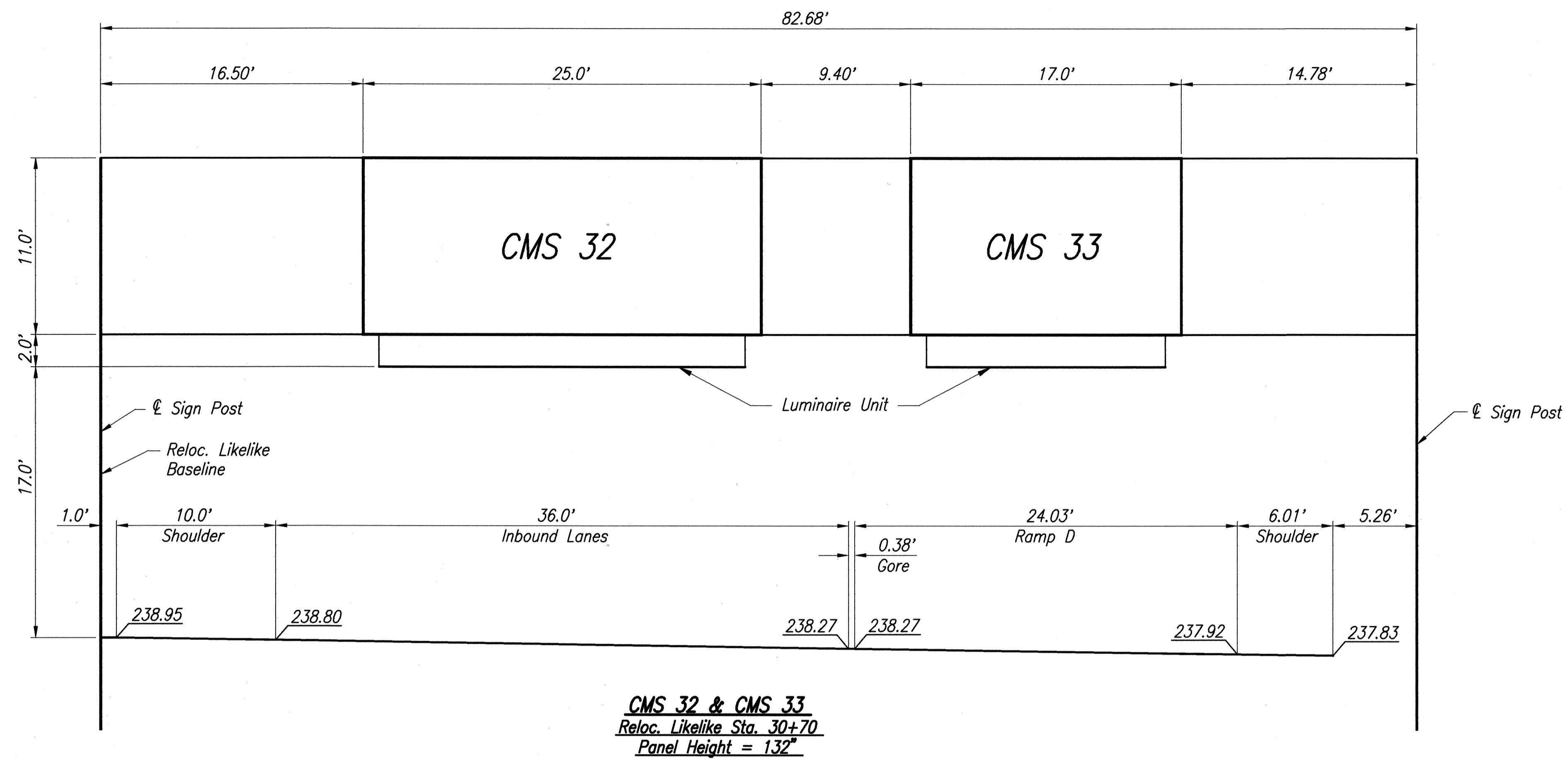
SHEET No. OF SHEETS

C.O.ADD. 373

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	No.
NOTE BOOK	

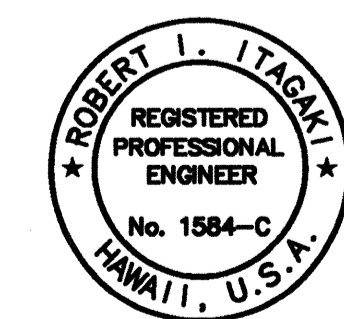
83-65 FRAME-LING DIMS. 1-5 01/14/94 SR

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H3-1(72)	1991	C.O.ADD. 374	521



DATE	
SURVEY PLOTTED BY	
DRAWN BY	
TRACED BY	
QUANTITIES BY	
CHECKED BY	
NO.	

84-652 THEPAC-2/86 DISKMS. PLOT-5 DATE: 9/22/91



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Robert I. Itagaki

9/7/93	Revised sign frame depth for sign D-9 from 13.5' to 11'.
2/21/92	Added Sign number on panels of multiple sign installations.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FRAME LAYOUT

INTERSTATE ROUTE H-3
F.A.I. PROJ. NO. I-H-3-1(72)

SCALE: 1" = 5'-0" DATE: DEC. 1991

