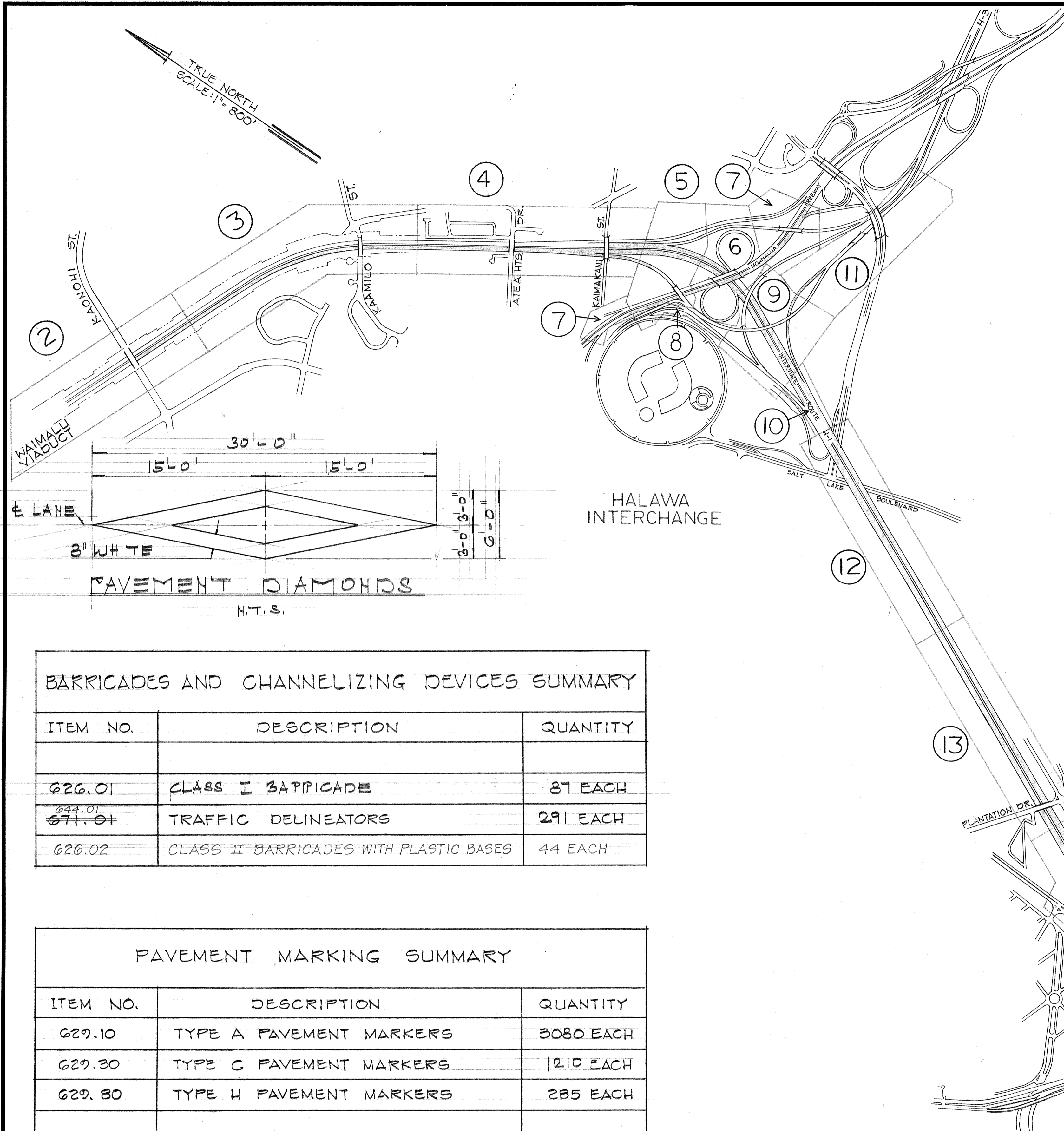


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113)13	1976	20	63

GENERAL NOTES - PAVEMENT MARKINGS, BARRICADES AND CHANNELIZING DEVICES

1. Unless directed otherwise, Contractors shall remove all existing traffic delineators from the project. Contractor shall have the option of re-using existing traffic delineator bases of good condition. All costs shall be incidental to Item 671.01-Traffic Delineator.
2. THE CONTRACTOR SHALL HAVE THE OPTION OF REUSING CLASS I BARRICADES PROVIDED THAT THESE BARRICADES ARE OF GOOD CONDITION & ARE MODIFIED TO MEET THE REQUIREMENTS OF THE PLANS & SPECIFICATIONS. PAYMENT SHALL BE MADE UNDER ITEM 626.01- CLASS I BARRICADES

NOTE REVISIONS ON
SHT. 23, 33, 35, 38



BARRICADES AND CHANNELIZING DEVICES SUMMARY		
ITEM NO.	DESCRIPTION	QUANTITY
626.01	CLASS I BARRICADE	87 EACH
644.01 671.01	TRAFFIC DELINEATORS	291 EACH
626.02	CLASS II BARRICADES WITH PLASTIC BASES	44 EACH

PAVEMENT MARKING SUMMARY		
ITEM NO.	DESCRIPTION	QUANTITY
629.10	TYPE A PAVEMENT MARKERS	3080 EACH
629.30	TYPE C PAVEMENT MARKERS	1210 EACH
629.80	TYPE H PAVEMENT MARKERS	285 EACH
642.01	PAVEMENT STRIPING	64,215 LIN FT
642.05	PAVEMENT DIAMONDS	36 EACH

ROADWAY DELINEATION LEGEND

- 4" Pavement Stripes (White or yellow as indicated)
- 4 ea. Type A Pavement Markers
- Type C Pavement Markers
- 4" Yellow Stripe w/Type H Pavement Markers @ 40' o.c.
- 8" White Stripe w/Type C Pavement Markers @ 20' o.c.
- I Class I Barricade
- Traffic Delineator
- ◇ Pavement Diamonds
- II Class II Barricade

PEARL HARBOR INTERCHANGE

10/18/76	REVISE SUMMARIES
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

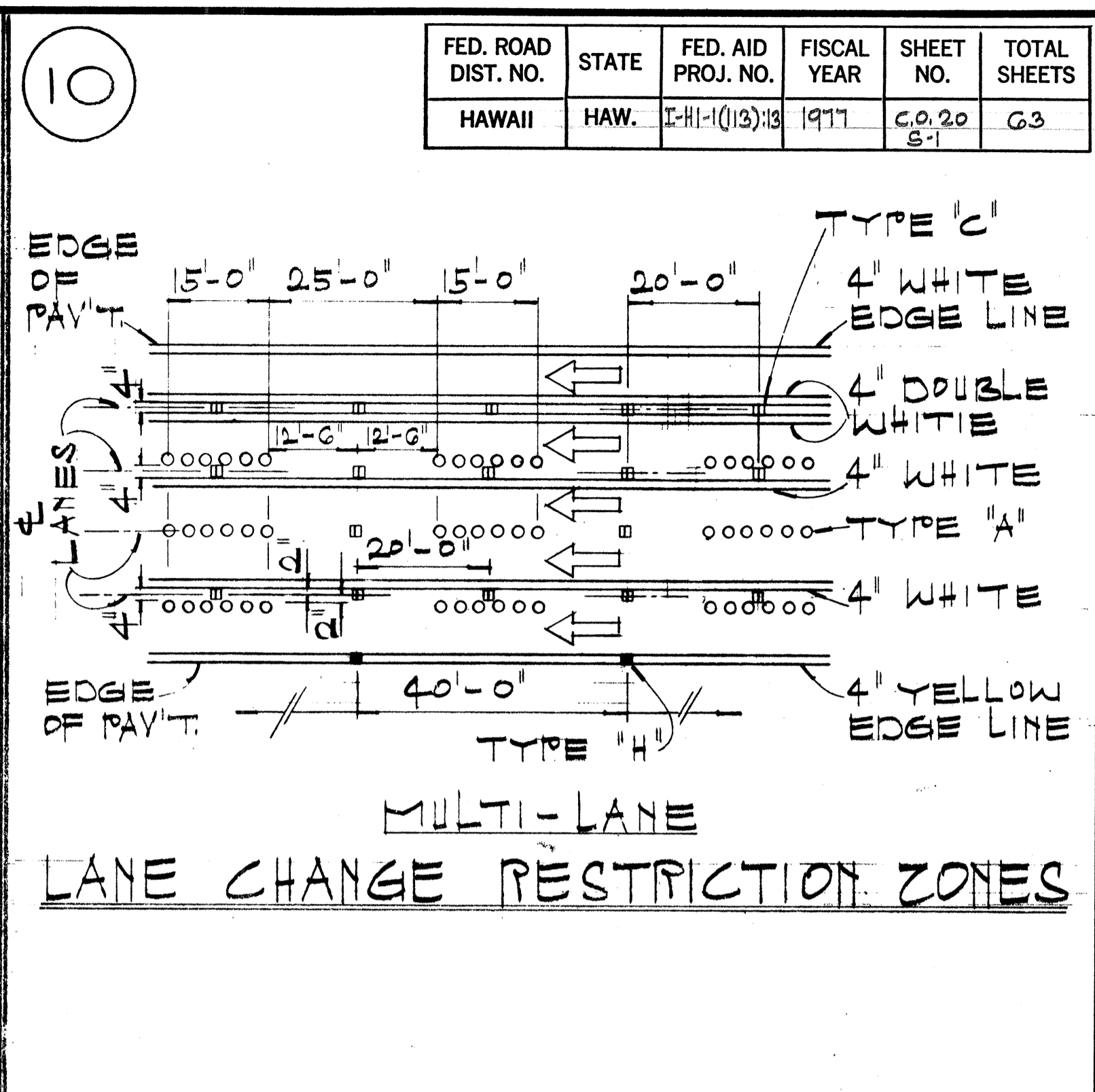
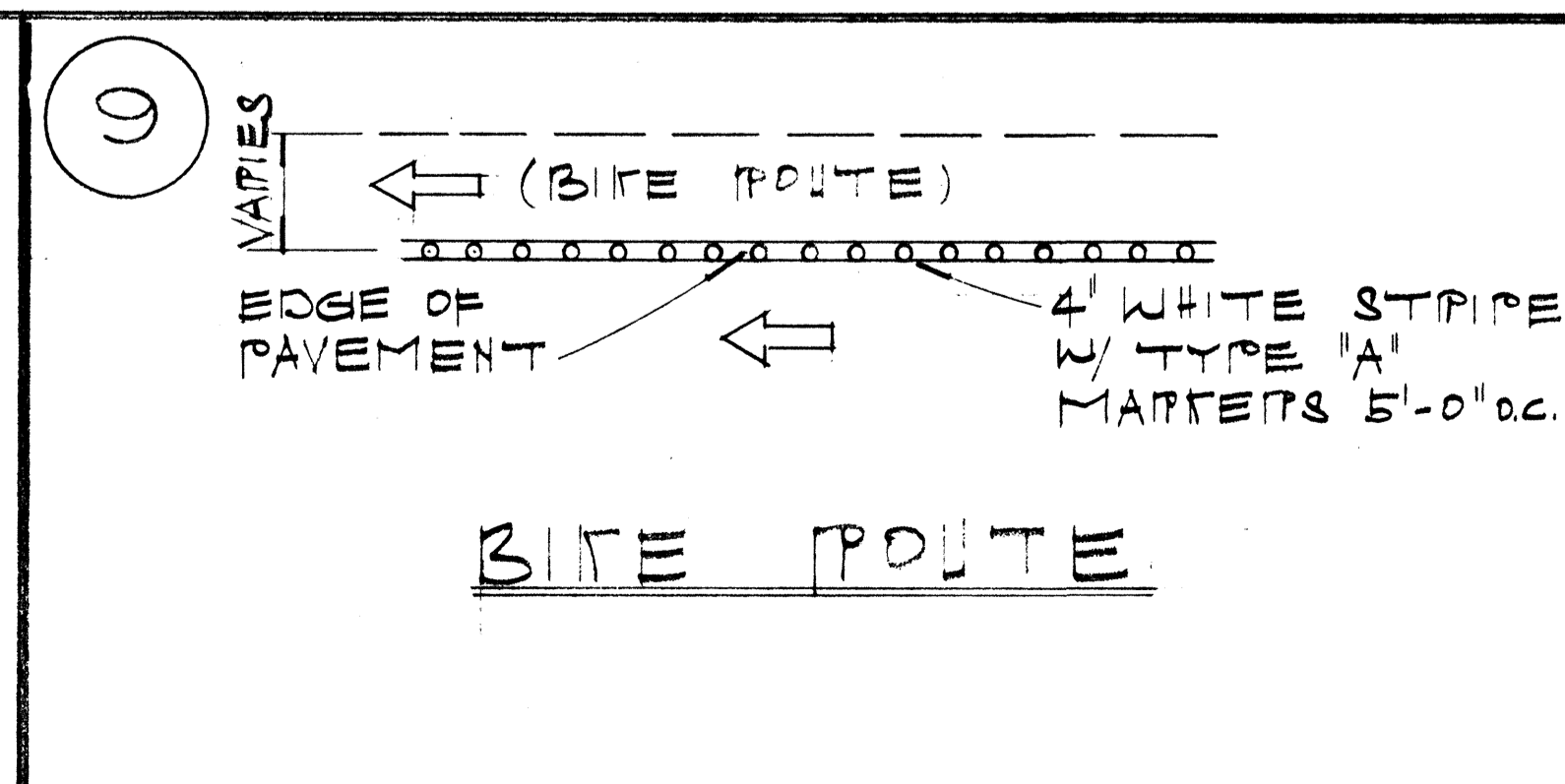
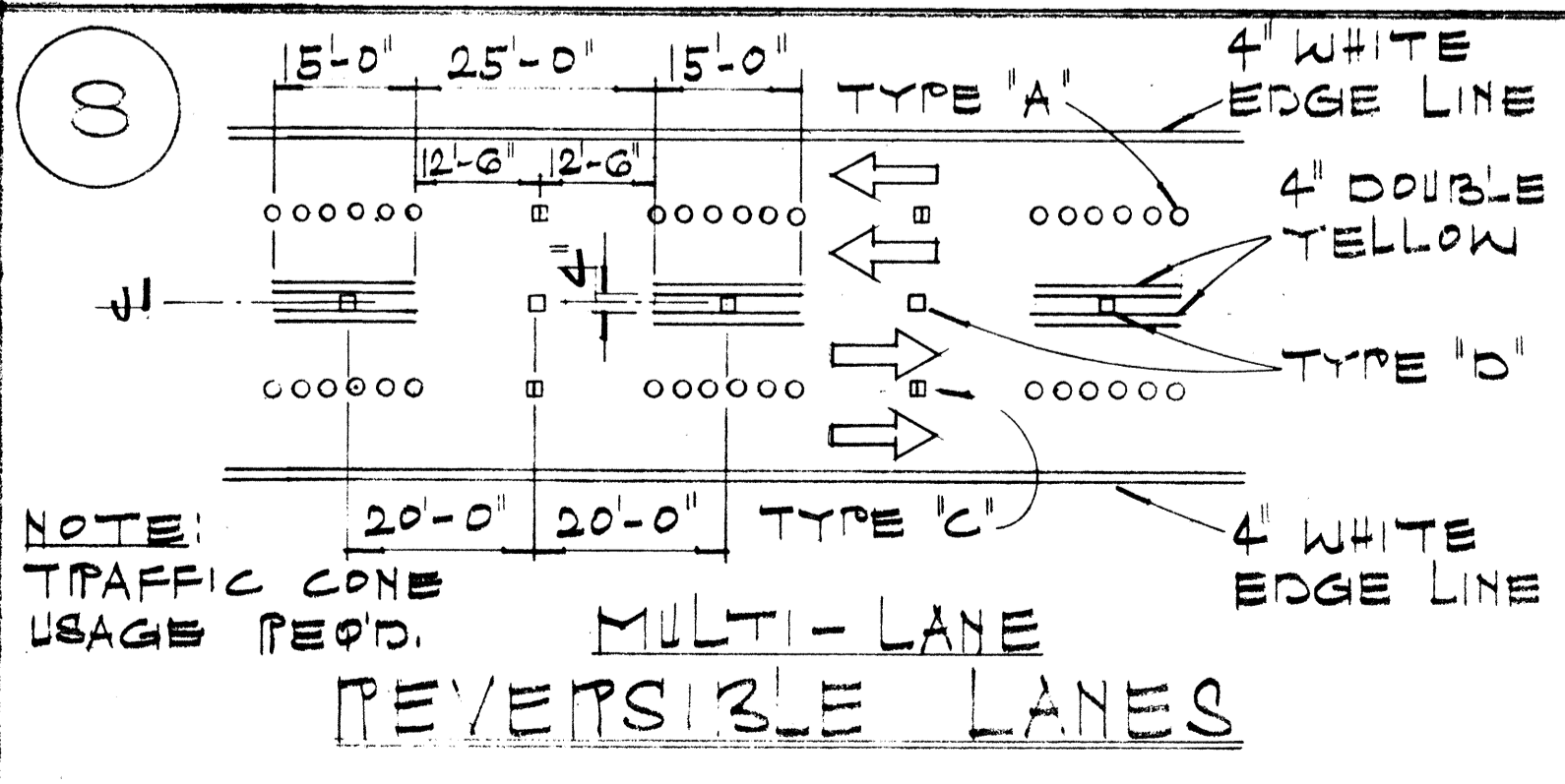
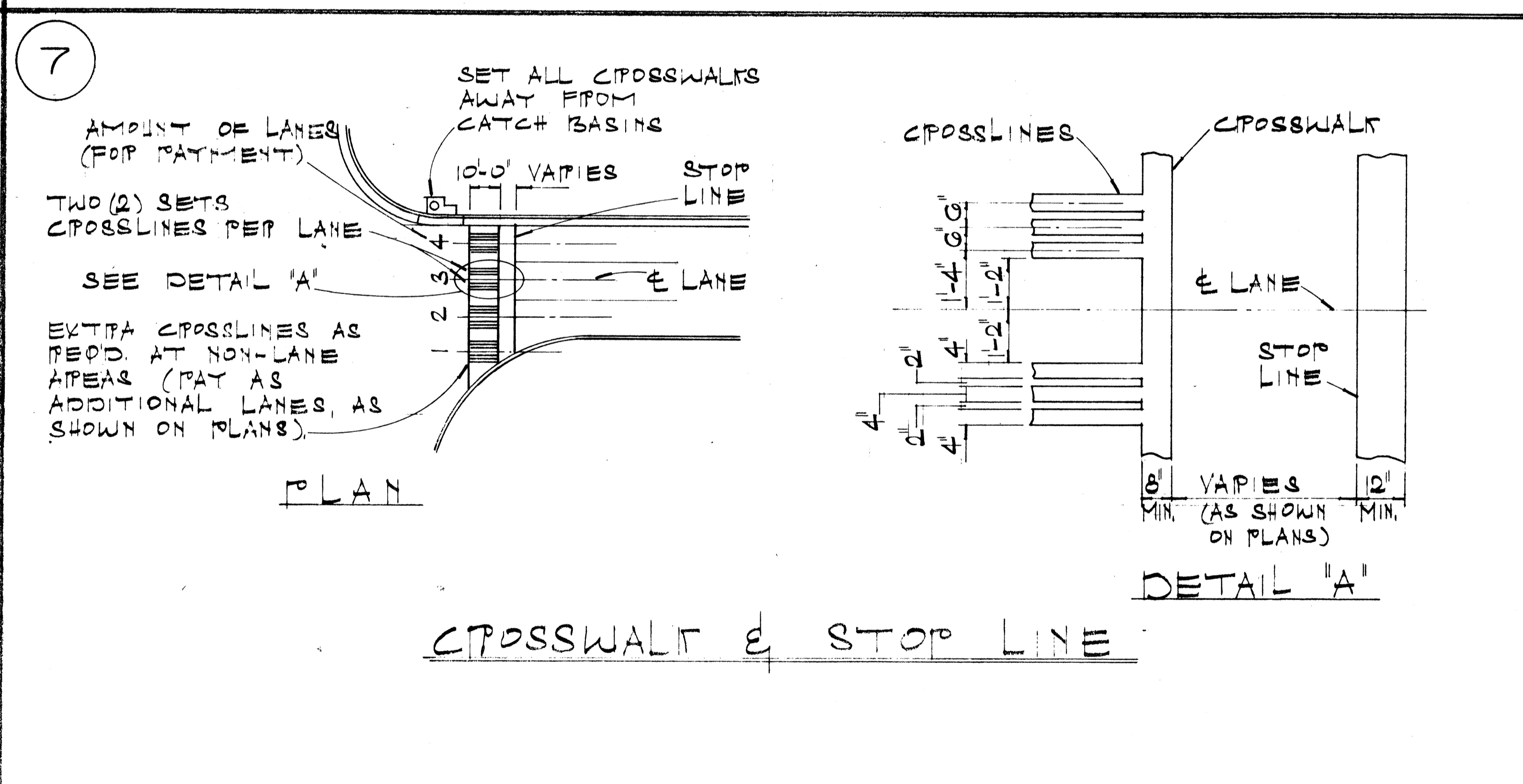
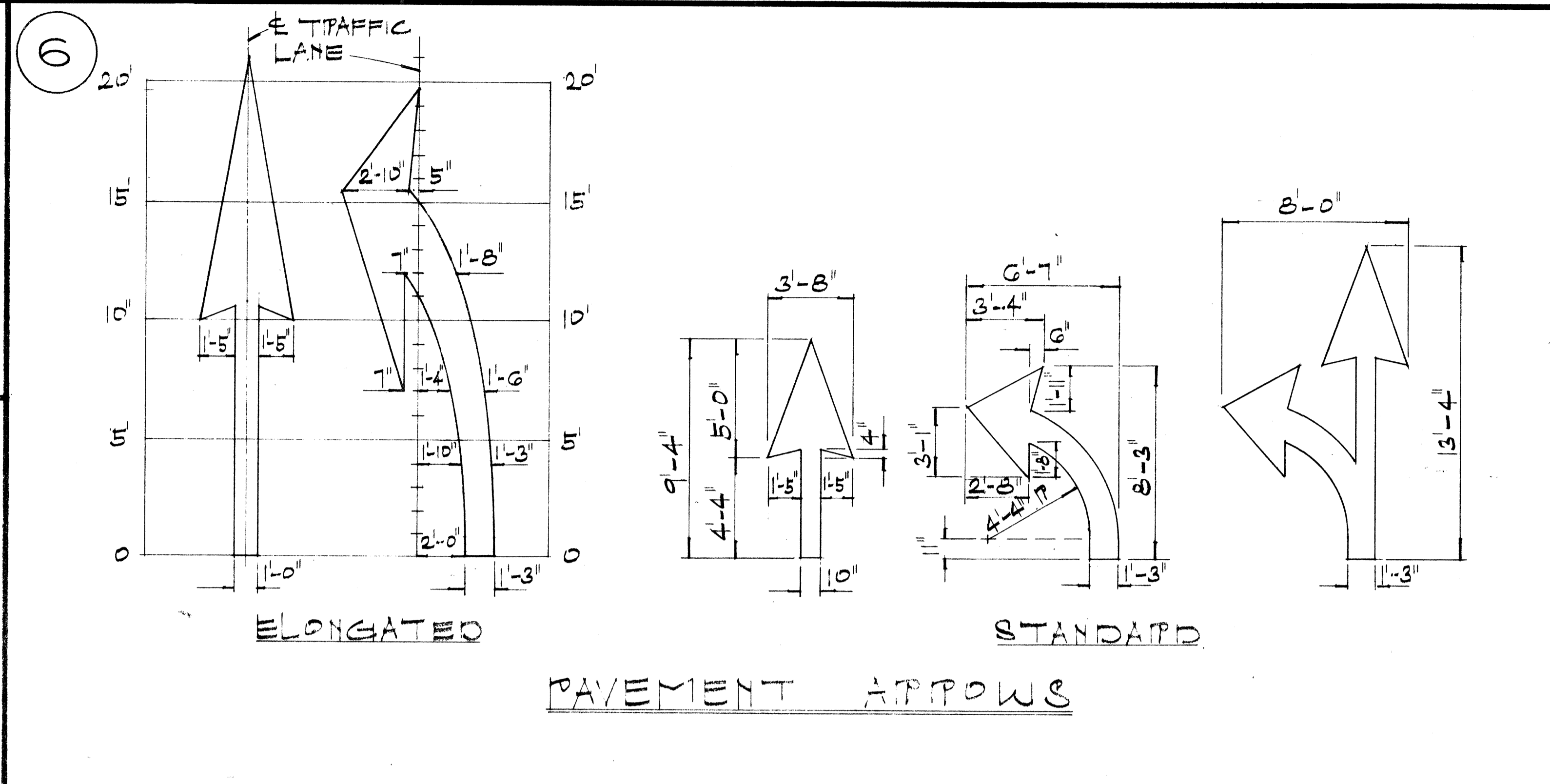
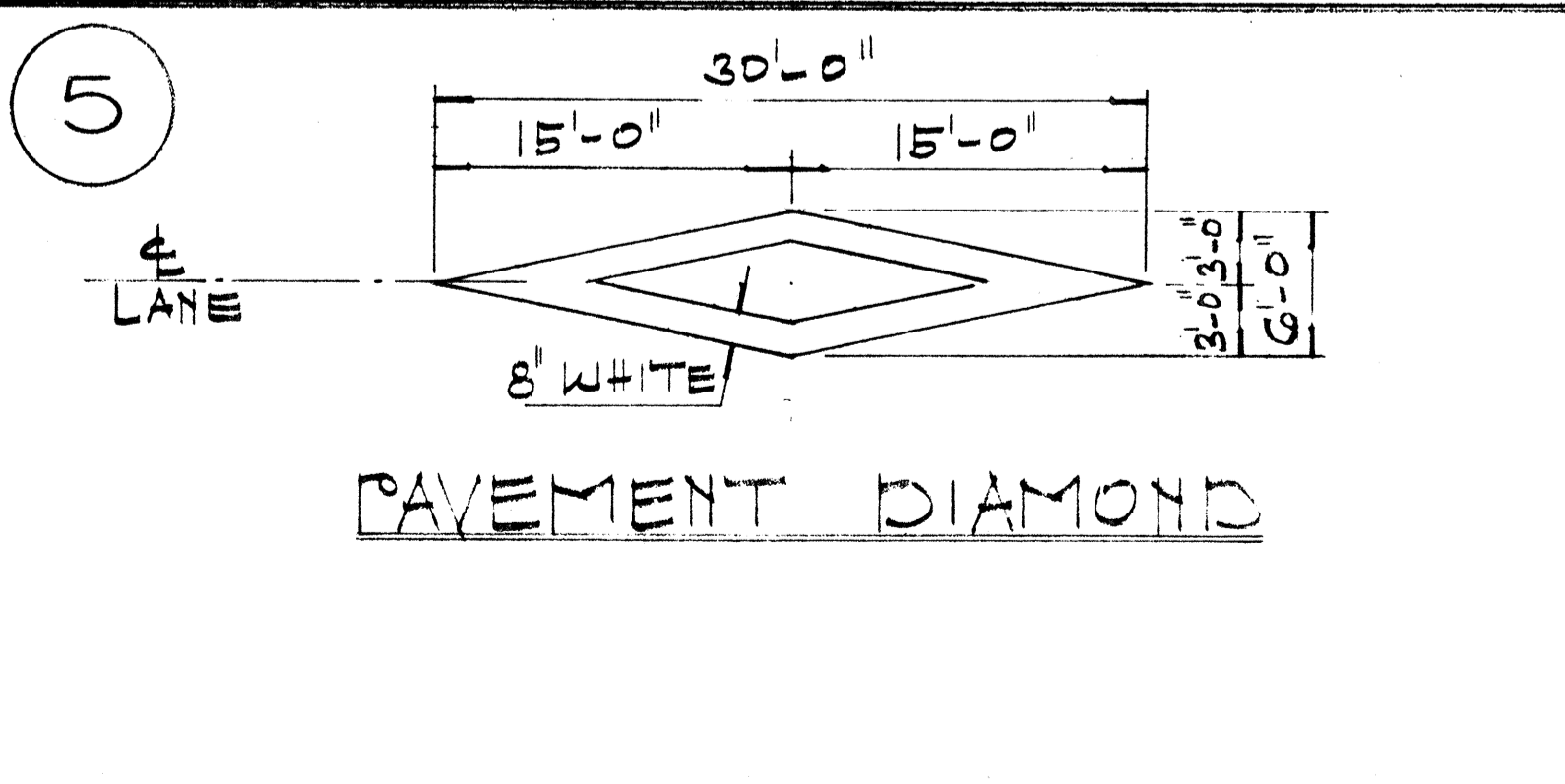
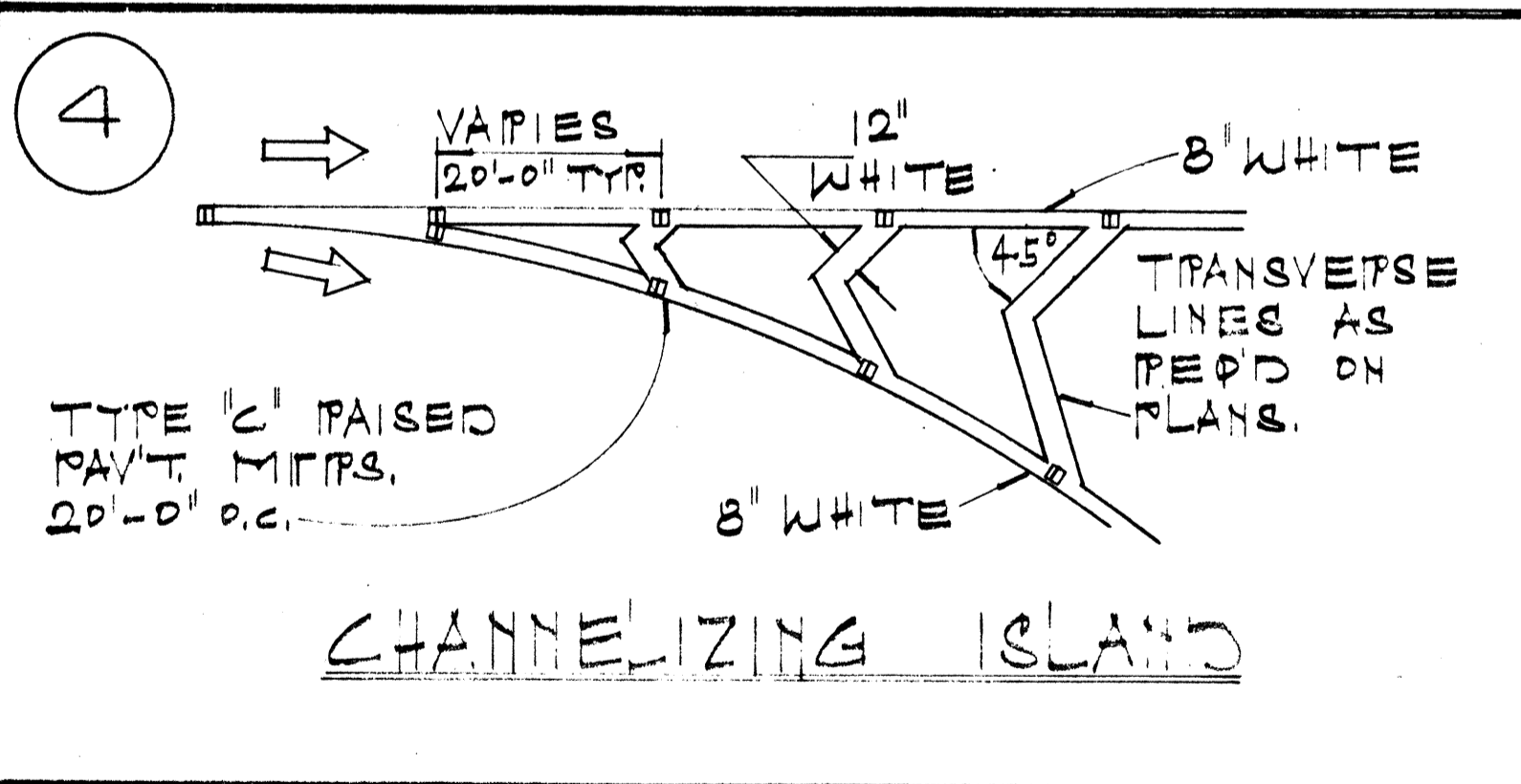
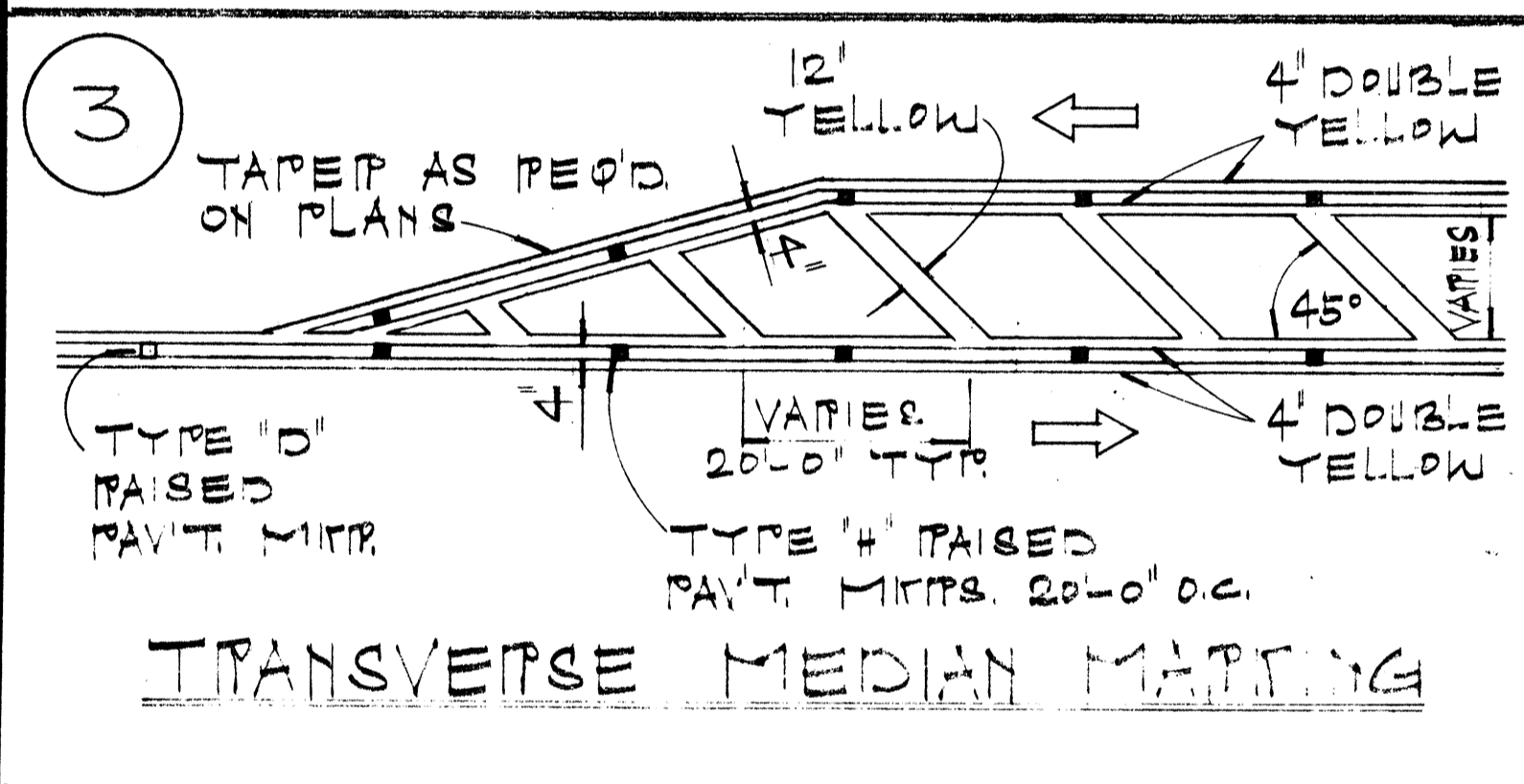
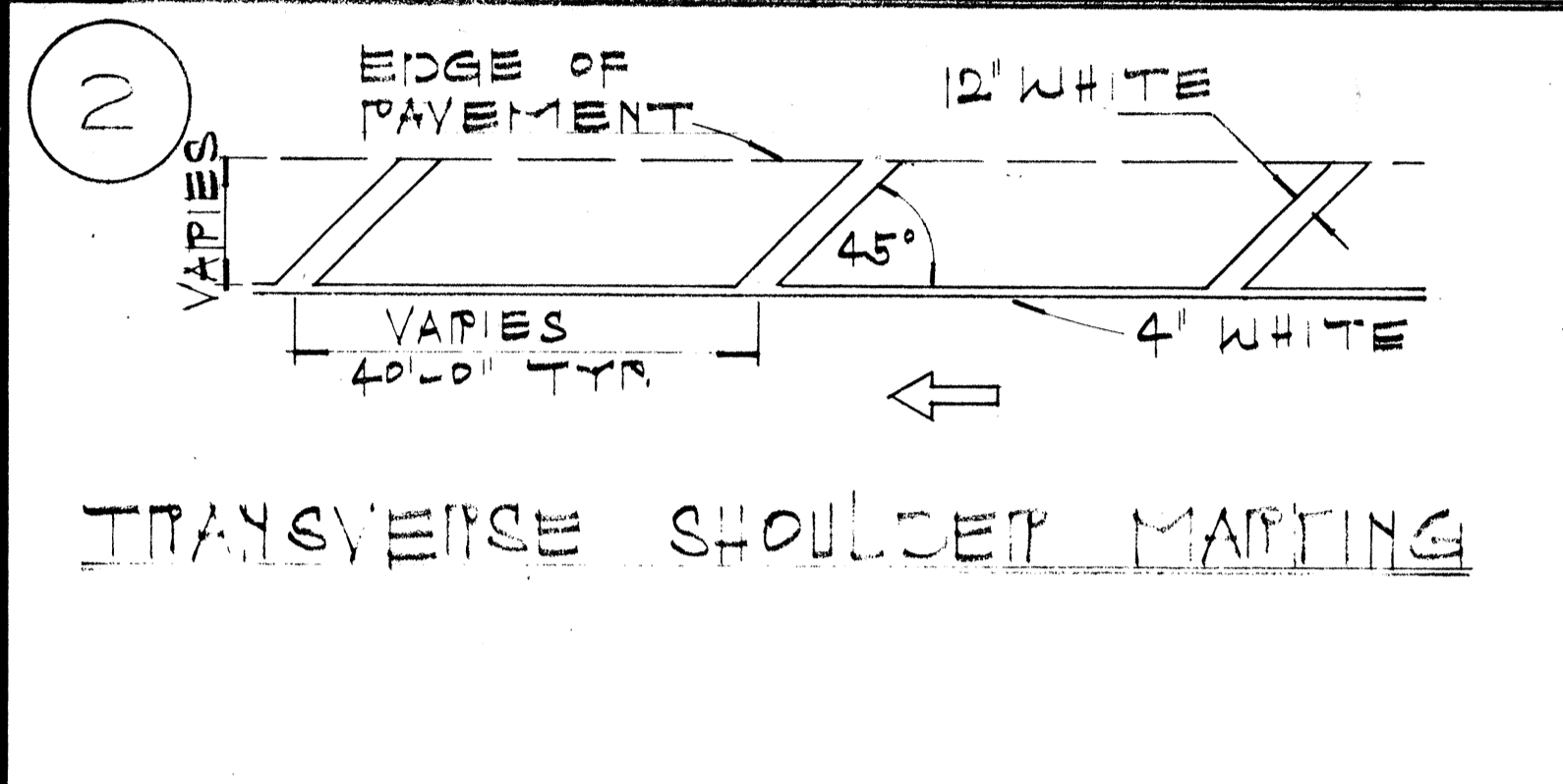
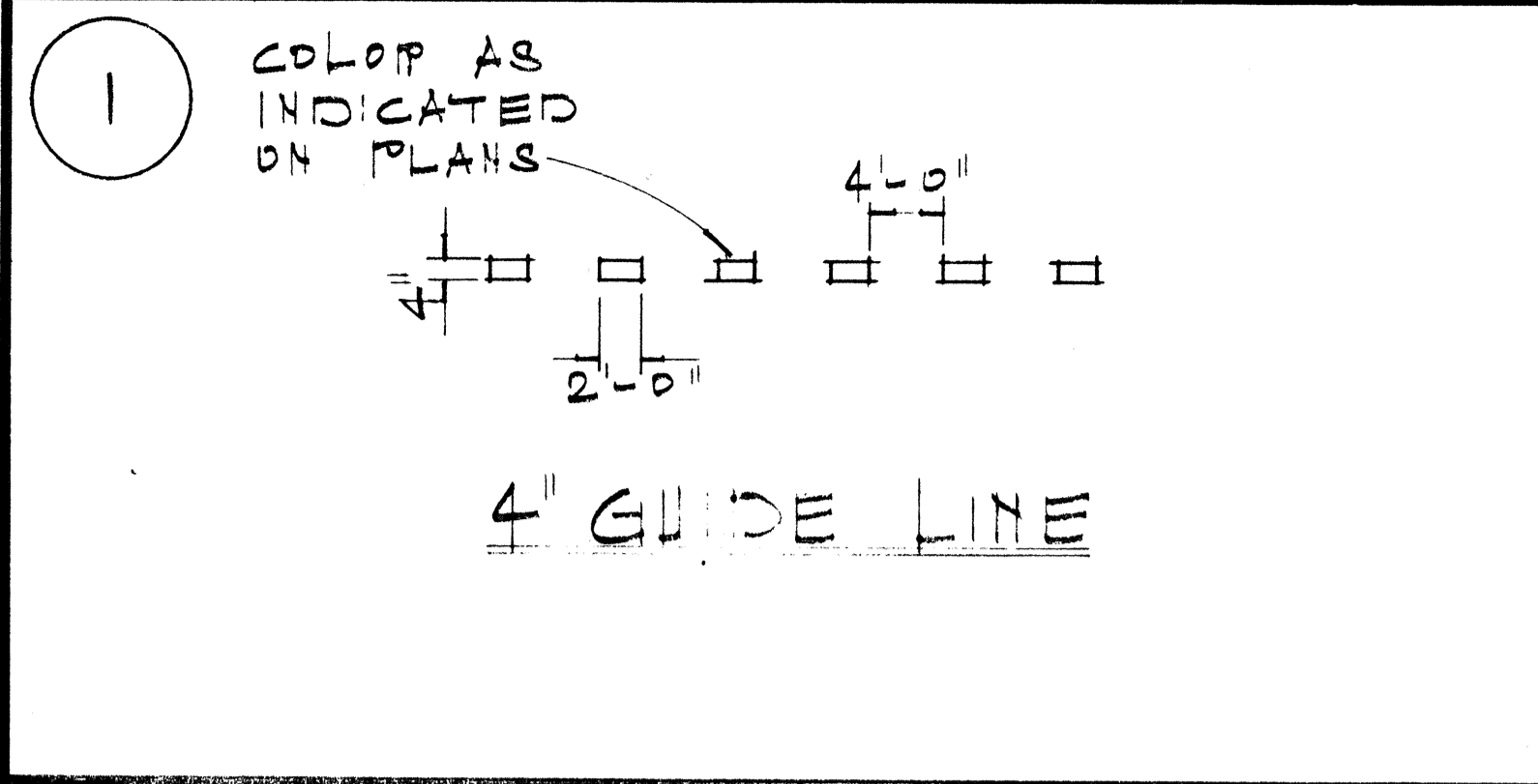
LAYOUT KEY

INTERSTATE ROUTE H-1
F.A.I.R. No. I-HI-1(113)13
Scale: As Shown Date: April, 1976
SHEET NO. 1 OF 14 SHEETS

C.O. 2 (1)

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

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-HI-1(13)13	1977	C.O. 20 S-1	63



GENERAL NOTES:

- PAVEMENT MARKINGS SHALL CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS & HIGHWAYS" 1971, (MUTCD), SUBSEQUENT REVISIONS TO THE MUTCD & AS SHOWN ON THE PLANS.
- LAYOUT OF PAVEMENT MARKINGS & STRIPING SHALL BE DONE BY THE CONTRACTOR. THE CONTRACTOR SHALL CHECK LAYOUT OF MARKINGS & STRIPING WITH THE ENGINEER PRIOR TO PERFORMING WORK.
- FOR ADDITIONAL PAVEMENT MARKING DETAILS SEE SH. # DT300

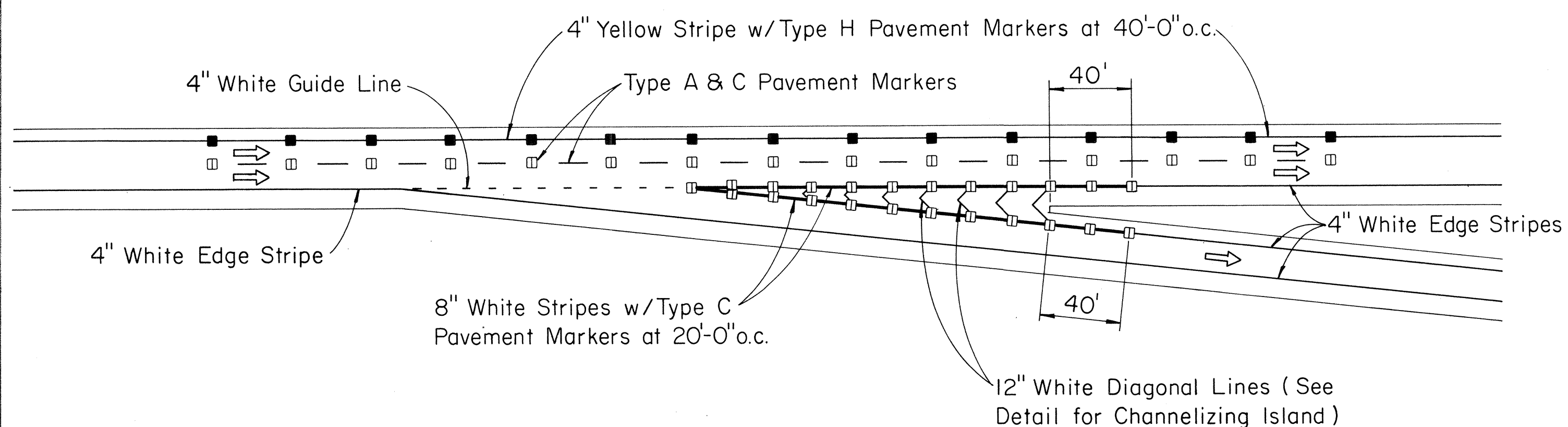
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS
MISCELLANEOUS
PAVEMENT MARKINGS

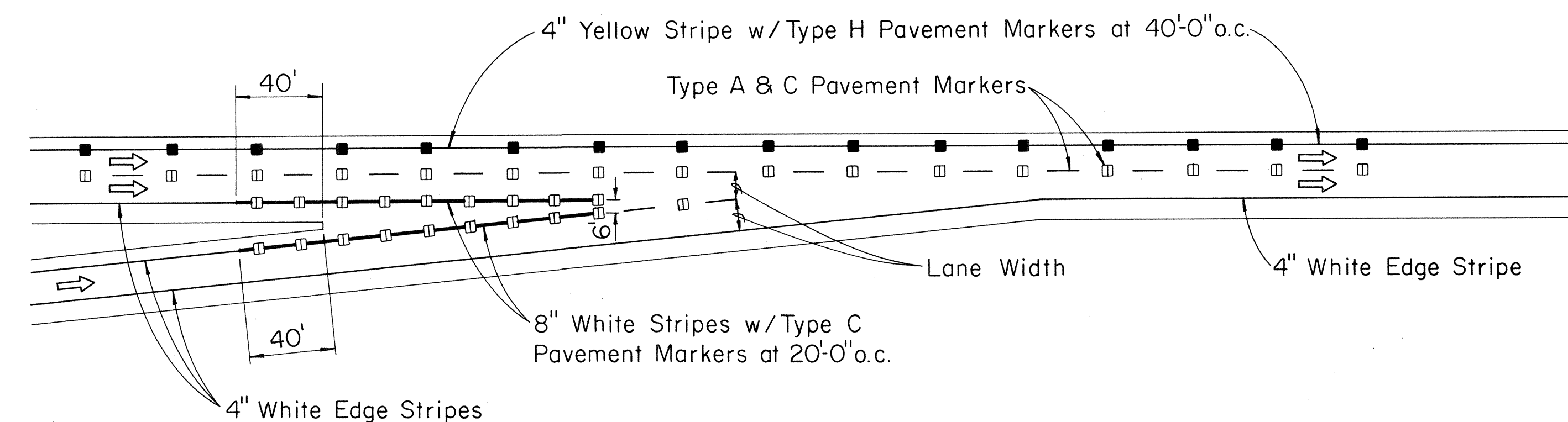
NOT TO SCALE JULY 1976
SHEET NO. OF SHEETS

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

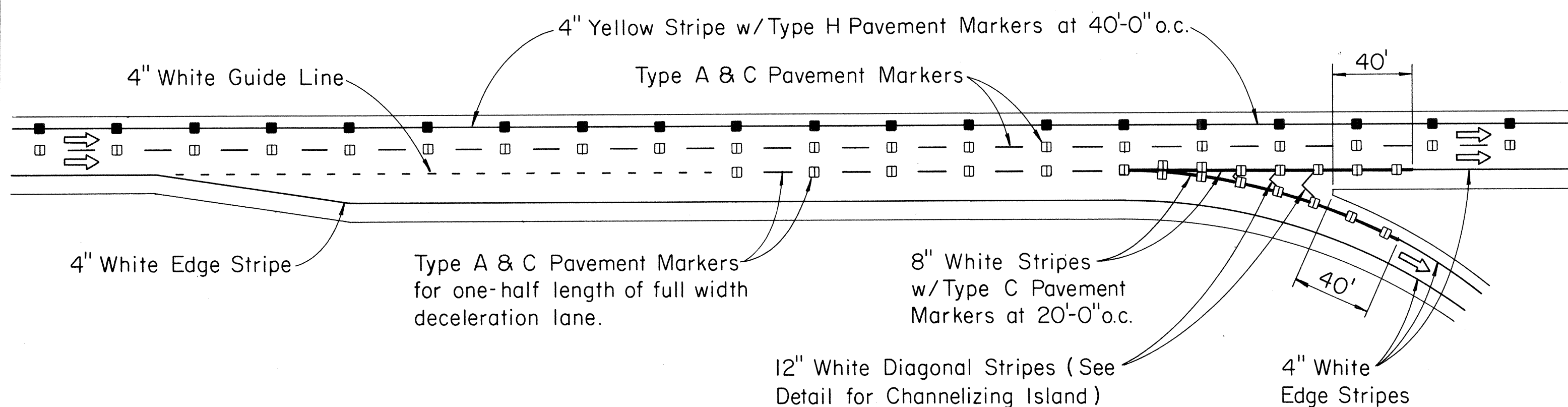
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-H-I(113)13	1971	C.O.20 S-2	63



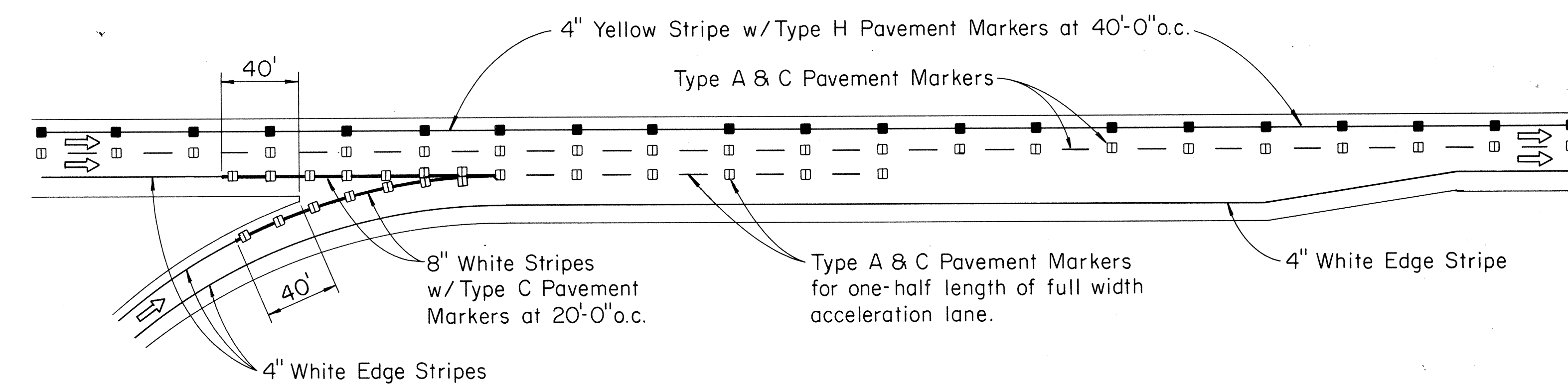
TAPERED DECELERATION LANE



TAPERED ACCELERATION LANE



PARALLEL DECELERATION LANE



PARALLEL ACCELERATION LANE

TYPICAL ROADWAY EXIT MARKINGS

SCALE: 1" = 50'-0"

TYPICAL ROADWAY ENTRANCE MARKINGS

SCALE: 1" = 50'-0"

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

TYPICAL DETAILS

MISCELLANEOUS PAVEMENT MARKINGS

SCALE: AS SHOWN DATE:

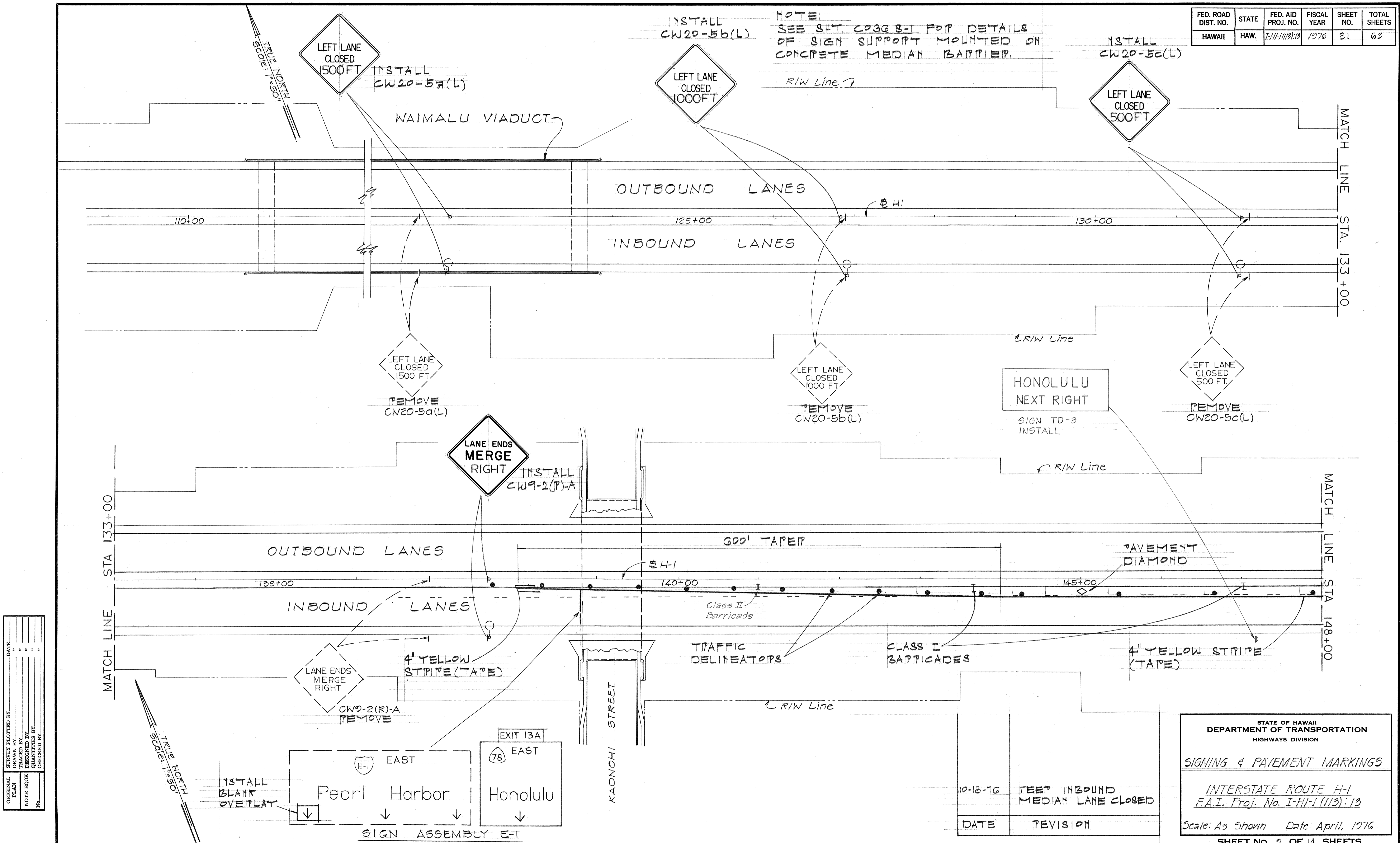
SHEET No. OF SHEETS

C.O.20 S-2

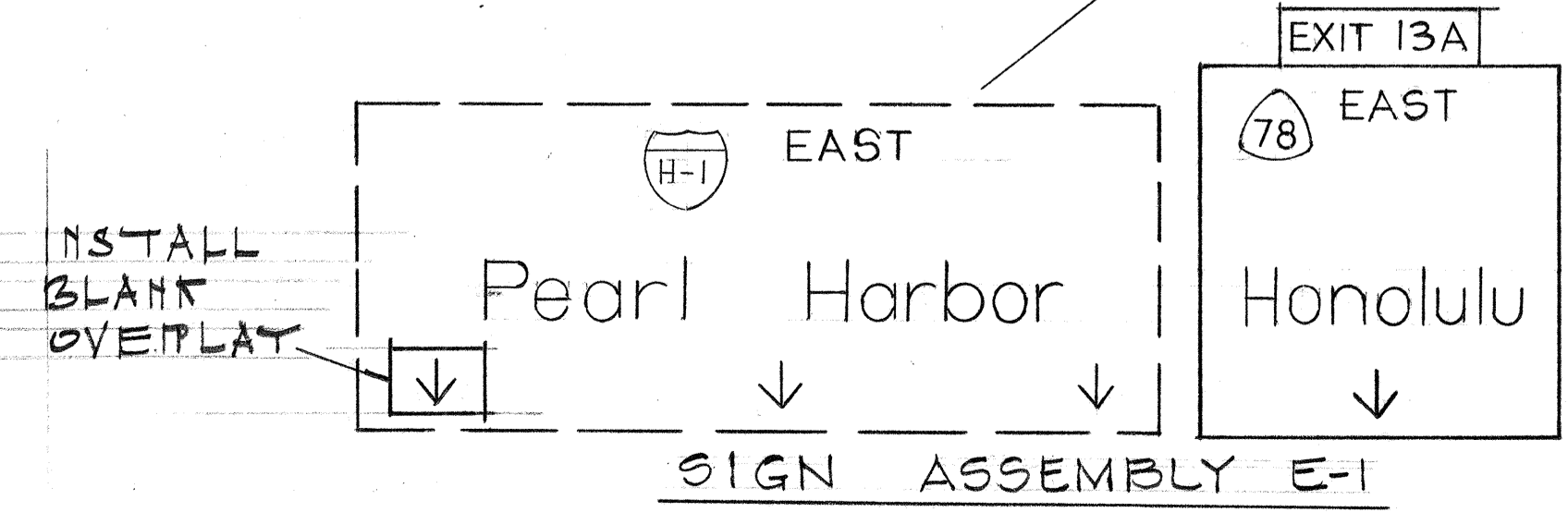
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113)-13	1976	21	63

NOTE:
SEE SHT. C036 S-1 FOR DETAILS OF SIGN SUPPORT MOUNTED ON CONCRETE MEDIAN BARRIER.

R/W Line



DATE	
DESIGNED BY	
DRAWN BY	
CHECKED BY	
QUANTITIES BY	
NOTE BOOK	
NO.	



10-18-76	TEEP INBOUND MEDIAN LANE CLOSED
DATE	REVISION

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

INTERSTATE ROUTE H-1
 F.A.I. Proj. No. I-HI-1(113)-13

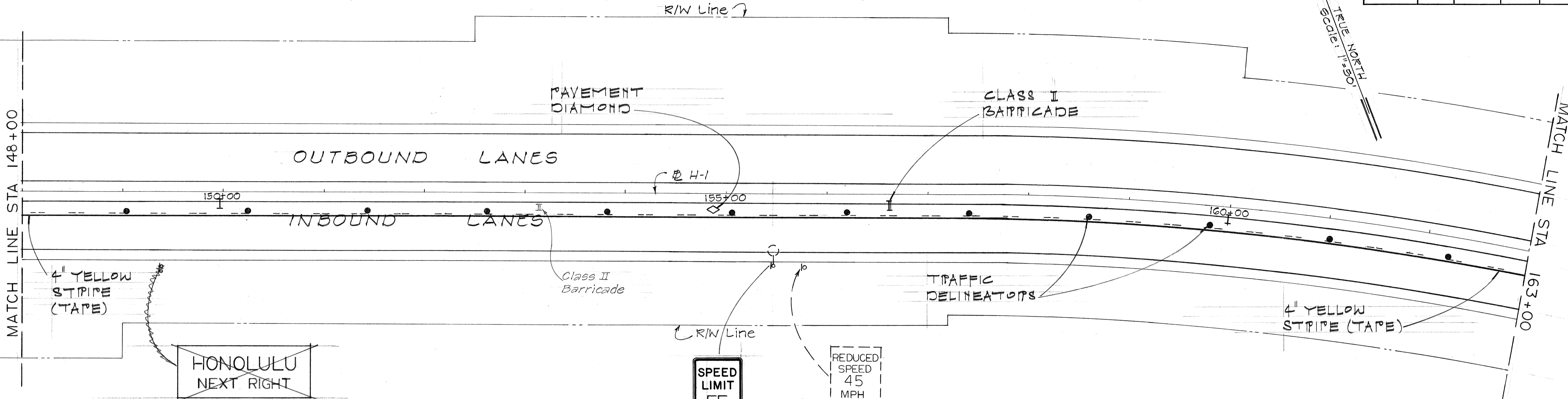
Scale: As Shown Date: April, 1976

SHEET NO. 2 OF 14 SHEETS

C.O. 21

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113)-13	1976	22	63

TRUE NORTH
Scale: 1" = 50'



HONOLULU
NEXT RIGHT
SIGN TD-3
INSTALL

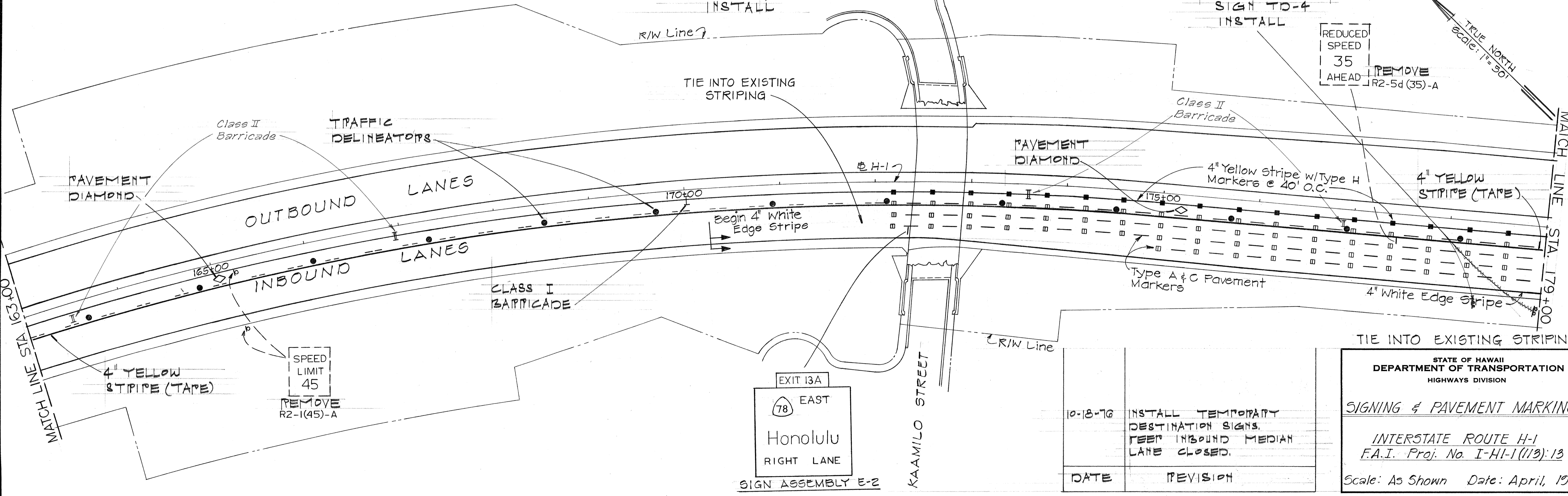
SPEED
LIMIT
55
MINIMUM
45
R2-4a(55/45)-A
INSTALL

REDUCED
SPEED
45
MPH
REMOVE
R2-5b(45)-A

HONOLULU
RIGHT LANE
SIGN TD-4
INSTALL

REDUCED
SPEED
35
AHEAD
REMOVE
R2-5d(35)-A

TRUE NORTH
Scale: 1" = 50'



4" YELLOW
STRIPE (TAPE)

SPEED
LIMIT
45
REMOVE
R2-1(45)-A

EXIT 13A
78 EAST
Honolulu
RIGHT LANE
SIGN ASSEMBLY E-2

DATE	REVISION
10-18-76	INSTALL TEMPORARY DESTINATION SIGNS. KEEP INBOUND MEDIAN LANE CLOSED.

TIE INTO EXISTING STRIPING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

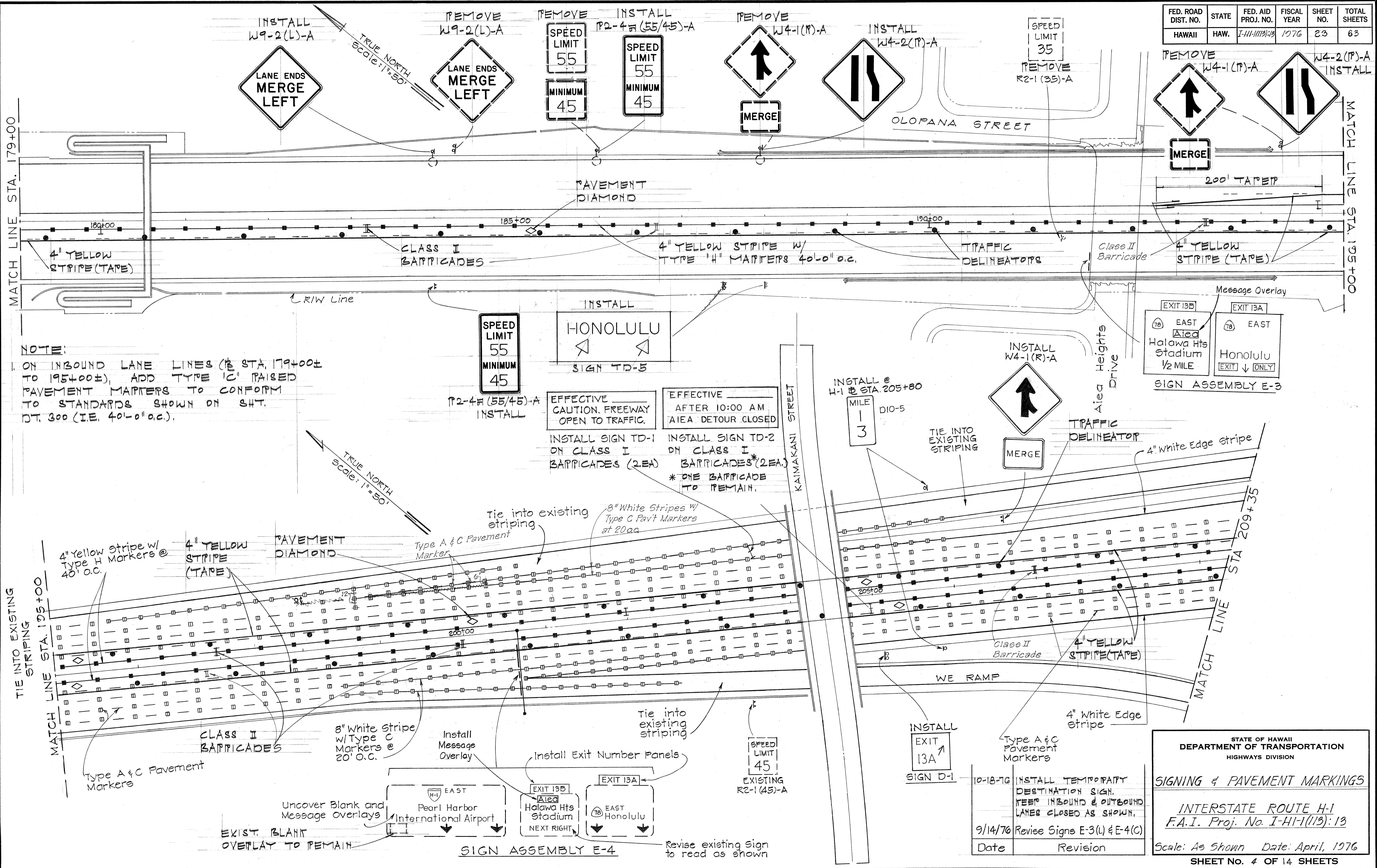
INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1(113)-13

Scale: As Shown Date: April, 1976

SHEET NO. 2 OF 14 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1113-13	1976	23	63



NOTE:
 ON INBOUND LANE LINES (E STA. 179+00± TO 195+00±), ADD TYPE 'C' RAISED PAVEMENT MARKERS TO CONFORM TO STANDARDS SHOWN ON SHT. DT. 300 (I.E. 40'-0" o.c.).

EFFECTIVE CAUTION. FREEWAY OPEN TO TRAFFIC.
 INSTALL SIGN TD-1 ON CLASS I BARRICADES (2EA)

EFFECTIVE AFTER 10:00 AM AIEA DETOUR CLOSED.
 INSTALL SIGN TD-2 ON CLASS I BARRICADES* (2EA)
 * ONE BARRICADE TO REMAIN.

DATE	____
DESIGNED BY	____
QUANTITIES BY	____
CHECKED BY	____
NO.	____

10-18-76	INSTALL TEMPORARY DESTINATION SIGN. KEEP INBOUND & OUTBOUND LANES CLOSED AS SHOWN.
9/14/76	Revise Signs E-3(L) & E-4(C)
Date	Revision

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

INTERSTATE ROUTE H-1
 F.A.I. Proj. No. I-HI-1113-13

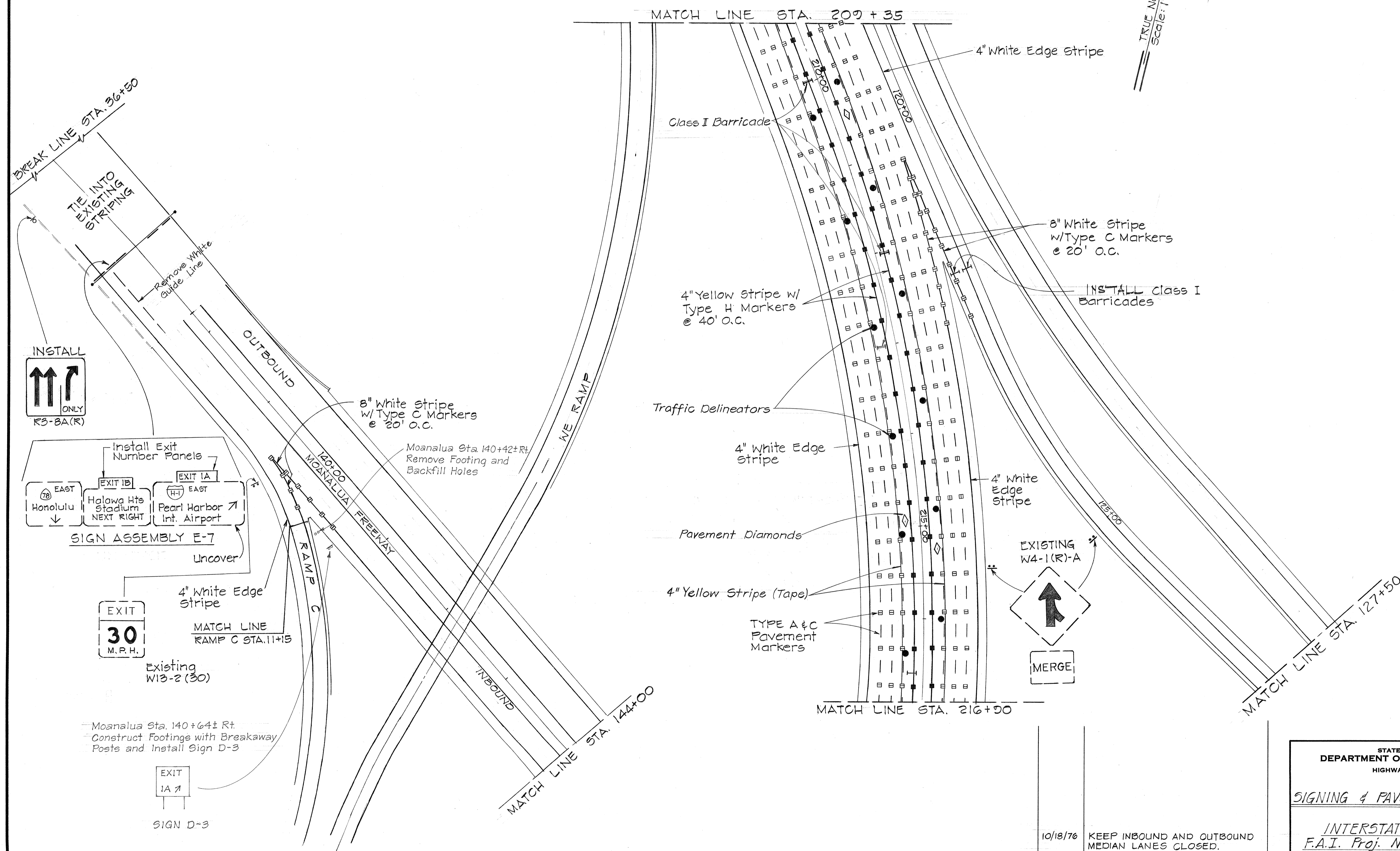
Scale: As Shown Date: April, 1976

SHEET NO. 4 OF 14 SHEETS

C.O. 23

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-41-1(113)-13	1976	24	63

TRUE NORTH
Scale: 1"=50'



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

10/18/76	KEEP INBOUND AND OUTBOUND MEDIAN LANES CLOSED.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

INTERSTATE ROUTE 4-1
F.A.I. Proj. No. I-41-1(113)-13

Scale: As Shown Date: April, 1976

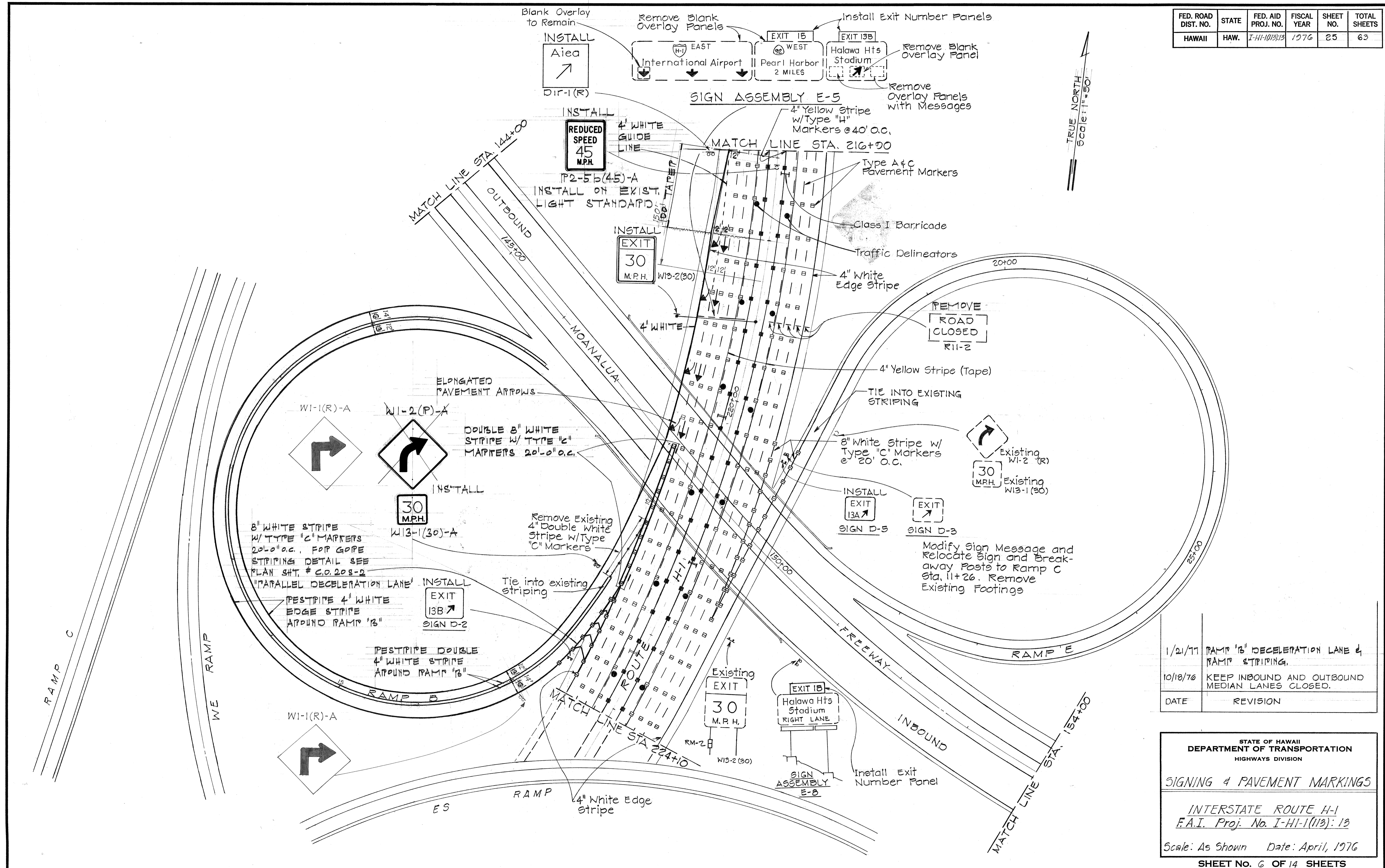
SHEET No. 5 OF 14 SHEETS

CO 241

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113):13	1976	25	63

TRUE NORTH
Scale: 1"=50'

DATE	
SURVEY PLOTTED BY	
DESIGNED BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN No.	



DATE	REVISION
1/21/77	RAMP 'B' DECELERATION LANE & RAMP STRIPING.
10/18/76	KEEP INBOUND AND OUTBOUND MEDIAN LANES CLOSED.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

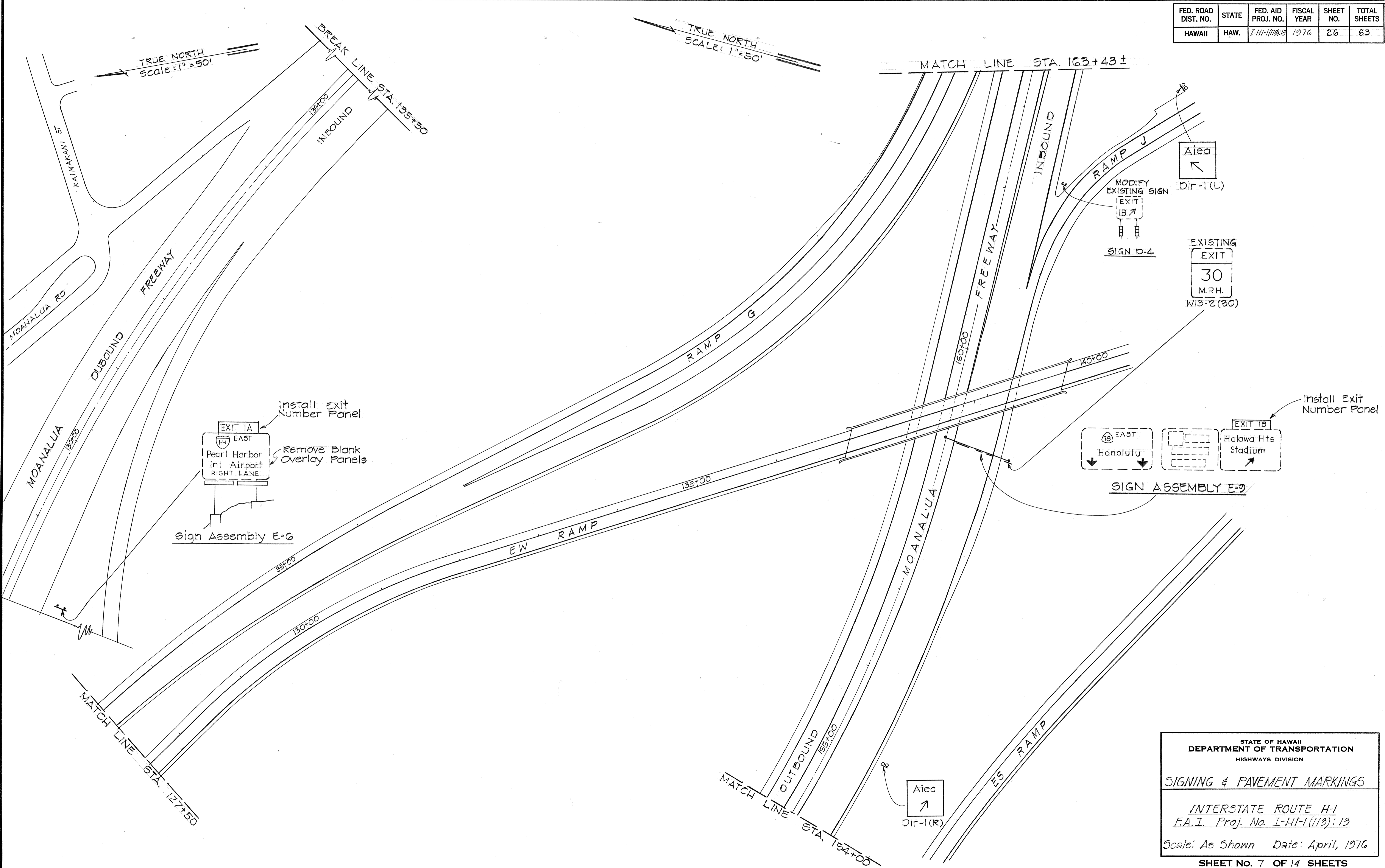
INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1(113):13

Scale: As Shown Date: April, 1976

SHEET No. 6 OF 14 SHEETS

C.O. 25

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113)13	1976	26	63



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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

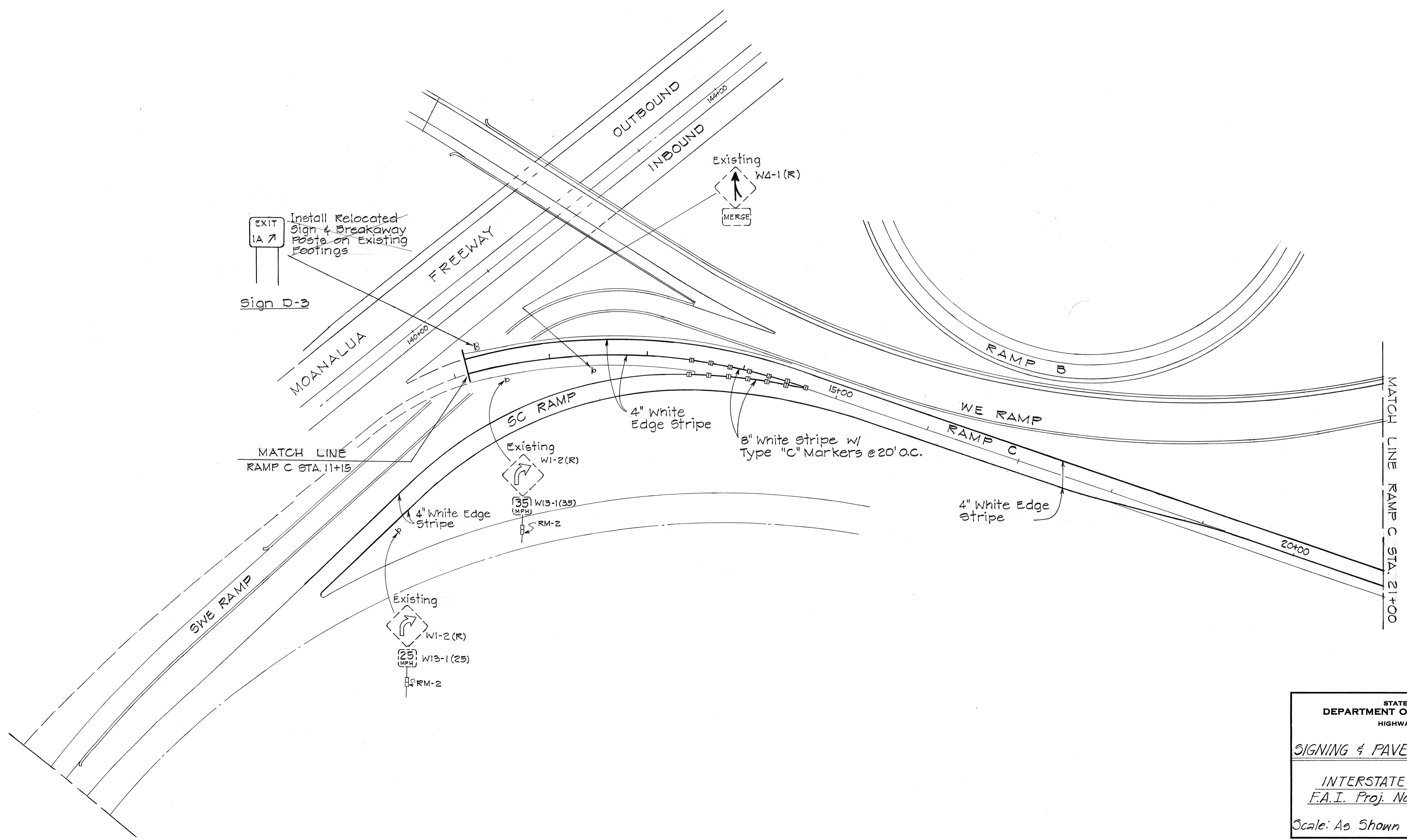
INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1(113):13

Scale: As Shown Date: April, 1976

SHEET No. 7 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113):13	1976	27	63

TRUE NORTH
Scale: 1"=30'



Install Relocated Sign & Breakaway Posts on Existing Footings
Sign D-3

Existing W4-1(R)
MERGE

Existing W1-2(R)
35 W13-1(35)
RM-2

Existing W1-2(R)
25 W13-1(25)
RM-2

MATCH LINE
RAMP C STA. 11+15

MATCH LINE
RAMP C STA. 21+00

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

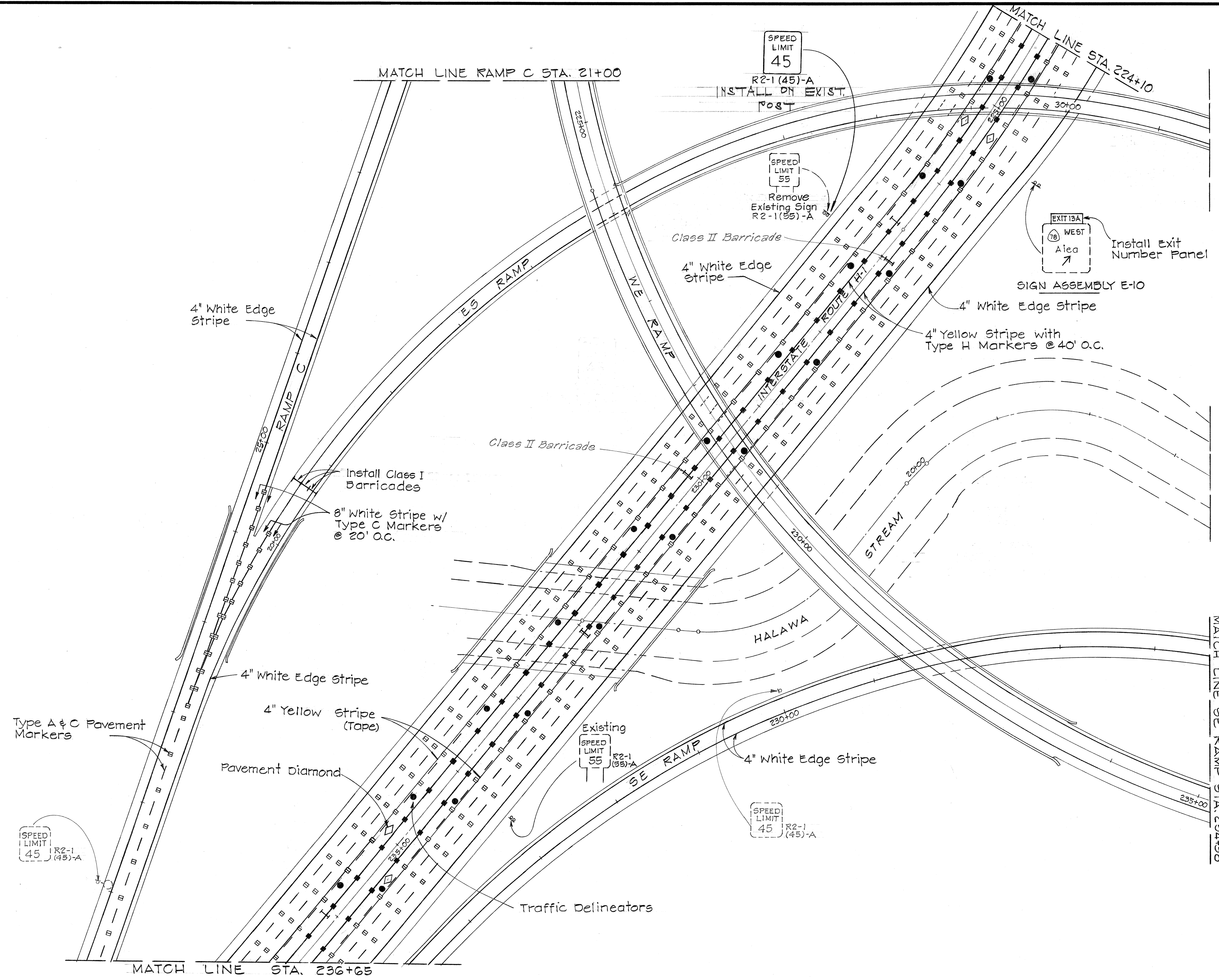
SIGNING & PAVEMENT MARKINGS

INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1 (113):13

Scale: As Shown Date: April, 1976

SHEET No. 27 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113)-13	1976	28	63



DATE
SURVEY PLOTTED BY
TRACED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY
ORIGINAL PLAN No.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

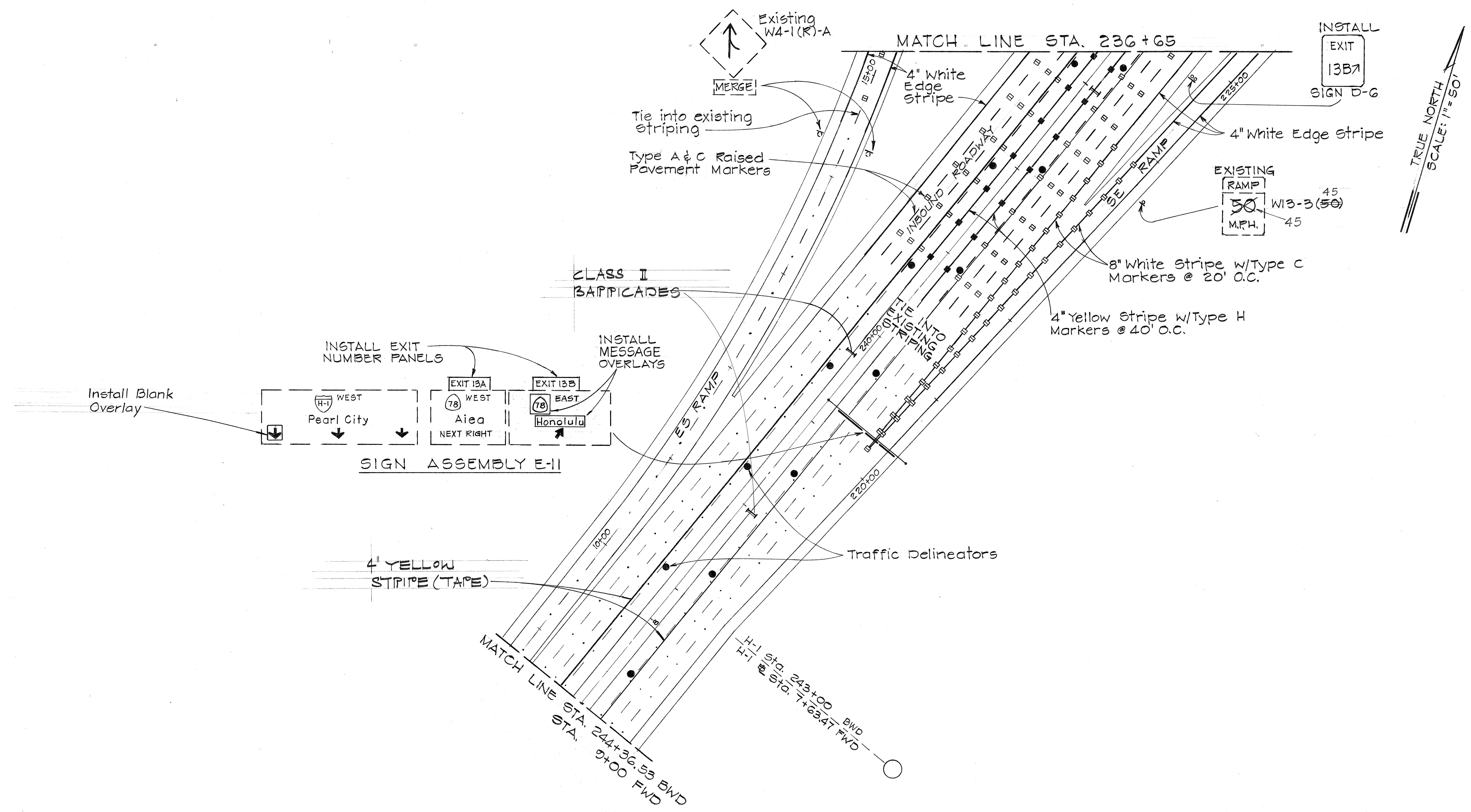
INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1(113)-13

Scale: As Shown Date: April, 1976

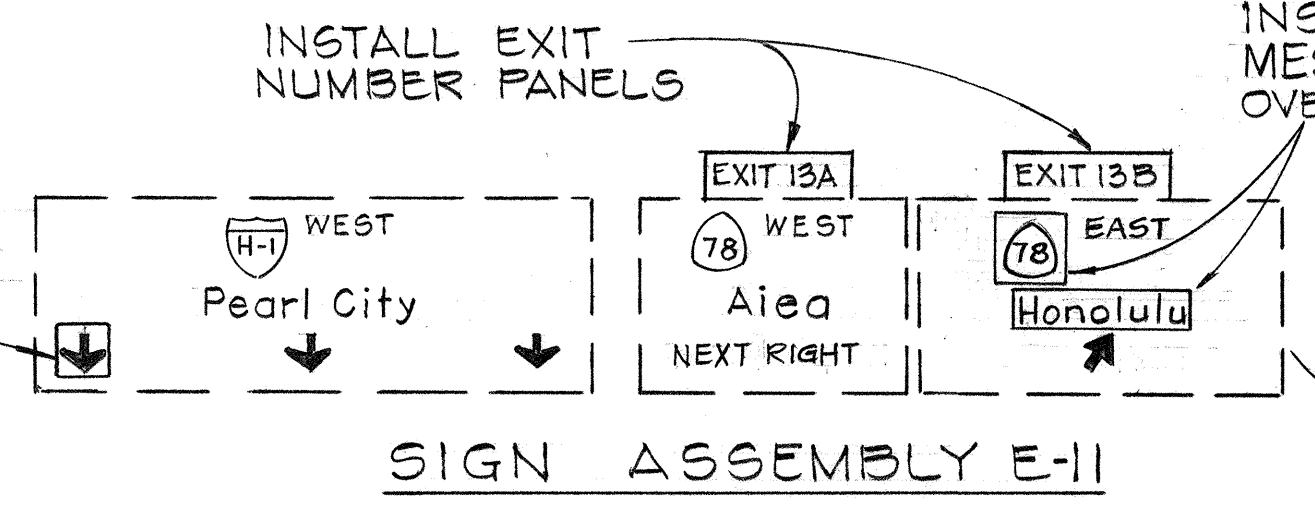
SHEET NO. 9 OF 14 SHEETS

C.O. 28

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(113)-13	1976	29	63



TRUE NORTH
SCALE: 1" = 50'



10/10/76	KEEP OUTBOUND MEDIAN LANE CLOSED.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

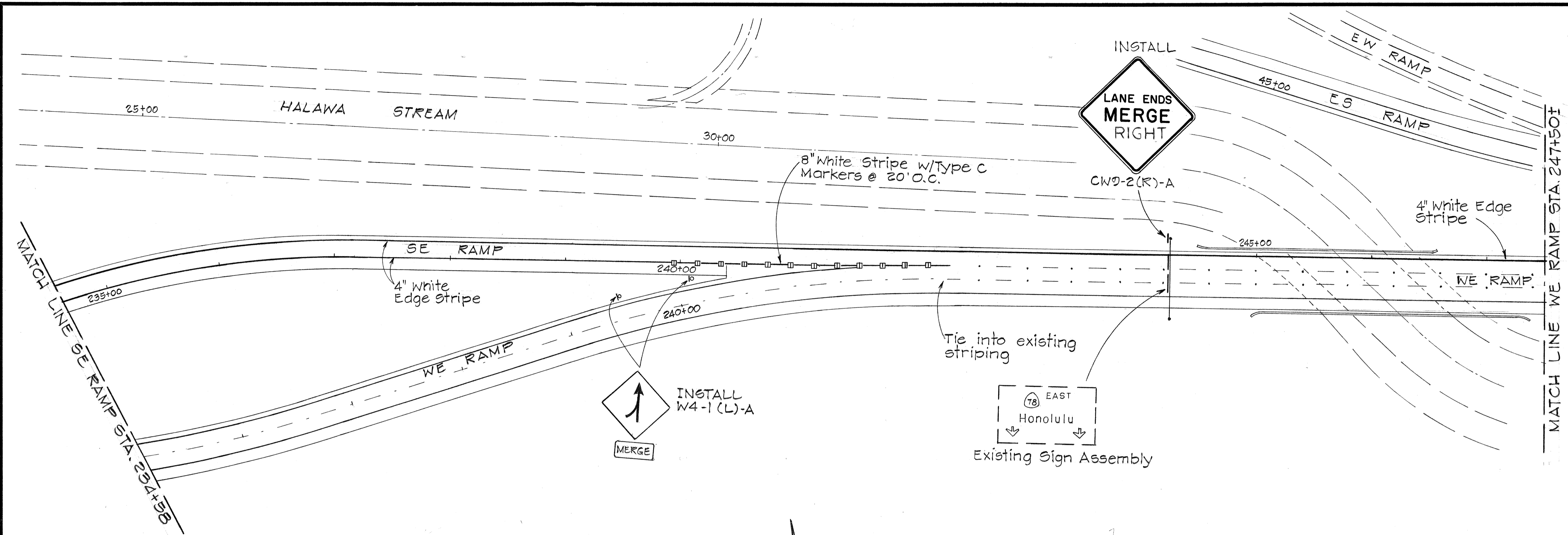
INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1(113)-13

Scale: As Shown Date: April, 1976

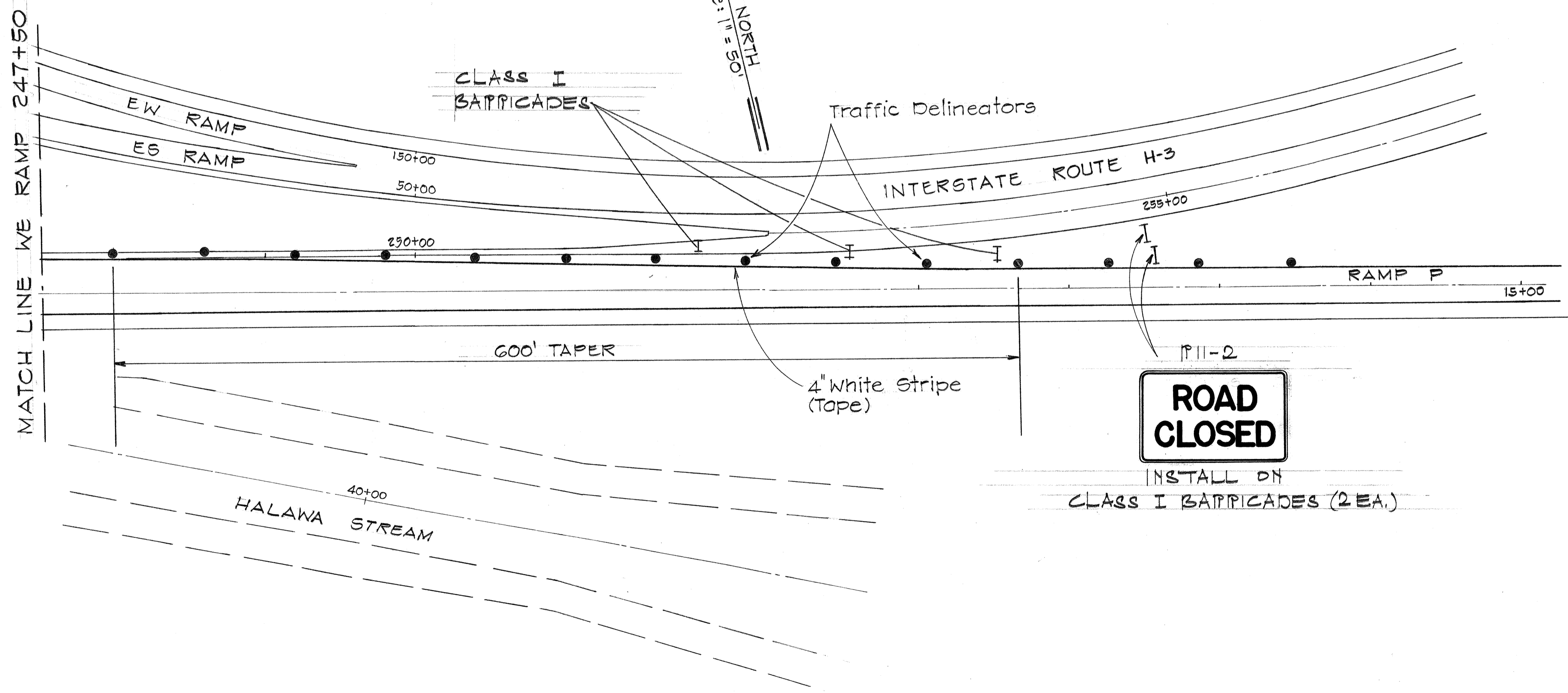
SHEET No. 10 OF 14 SHEETS

ORIGINAL PLAN No.	DATE
SURVEY PLOTTED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI(113):13	1976	30	63



TRUE NORTH
SCALE: 1" = 50'



TRUE NORTH
SCALE: 1" = 50'

ORIGINAL PLAN No.	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

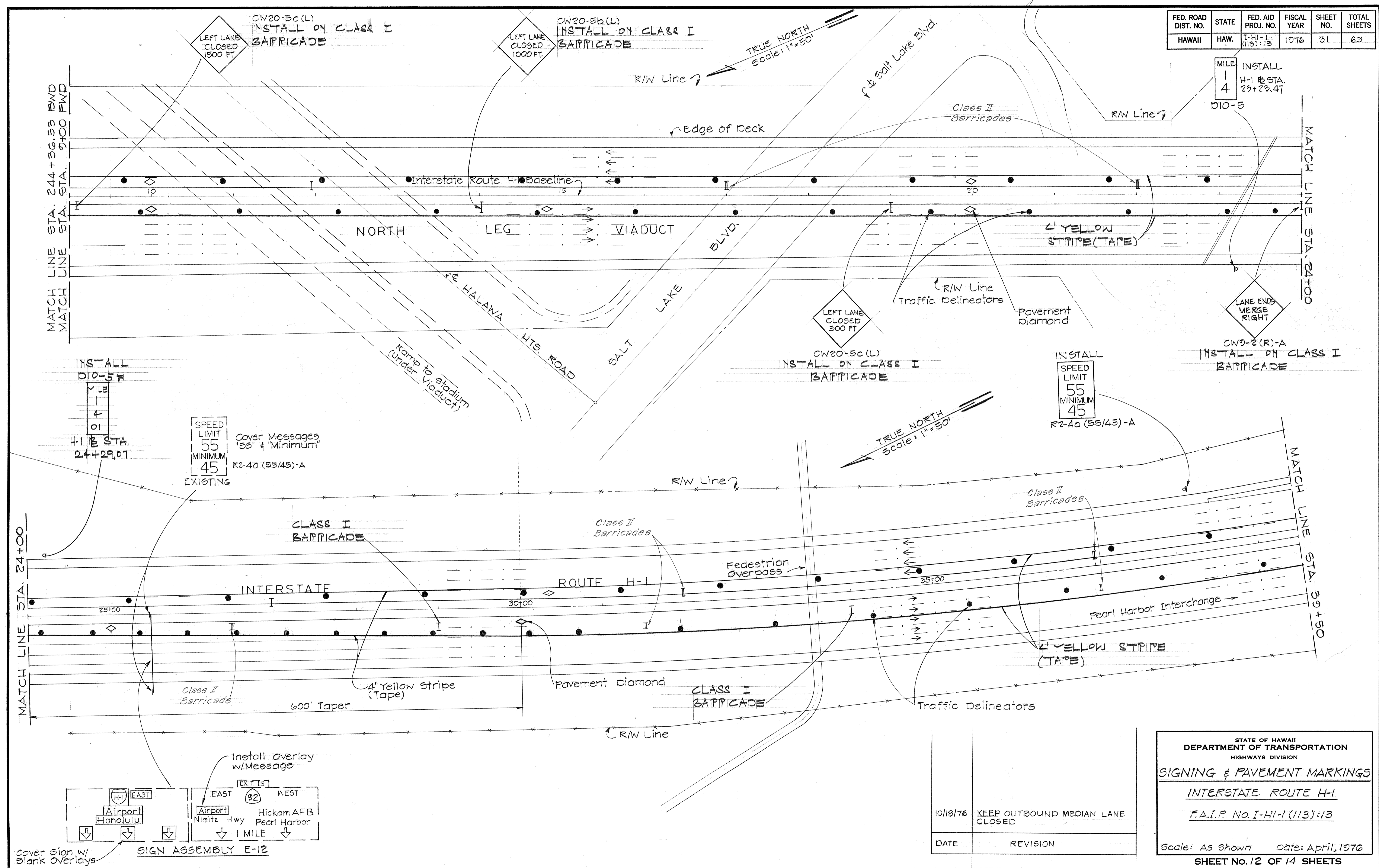
SIGNING & PAVEMENT MARKINGS

INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1(113):13

Scale: As Shown Date: April, 1976

SHEET No. 11 OF 14 SHEETS

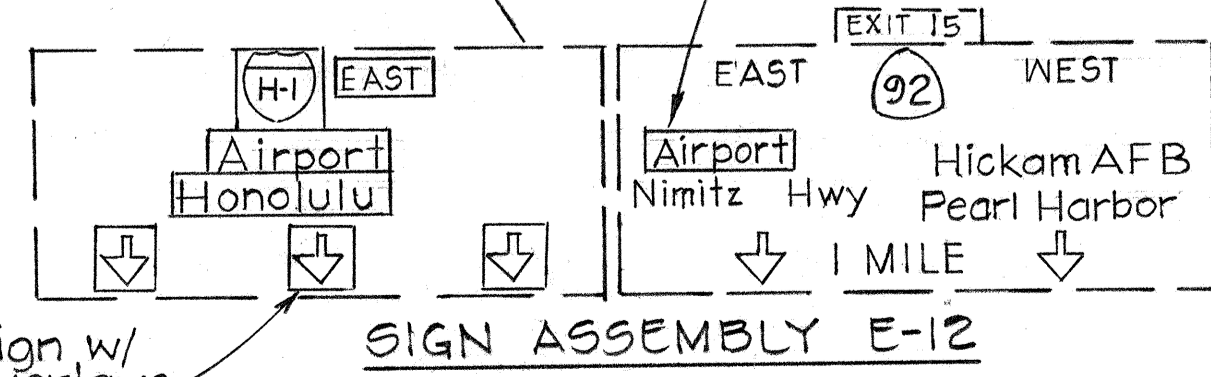
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113):13	1976	31	63



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

EXISTING
 SPEED LIMIT
 55
 MINIMUM
 45
 R2-4a (55/45)-A
 Cover Messages "55" & "Minimum"

INSTALL
 SPEED LIMIT
 55
 MINIMUM
 45
 R2-4a (55/45)-A

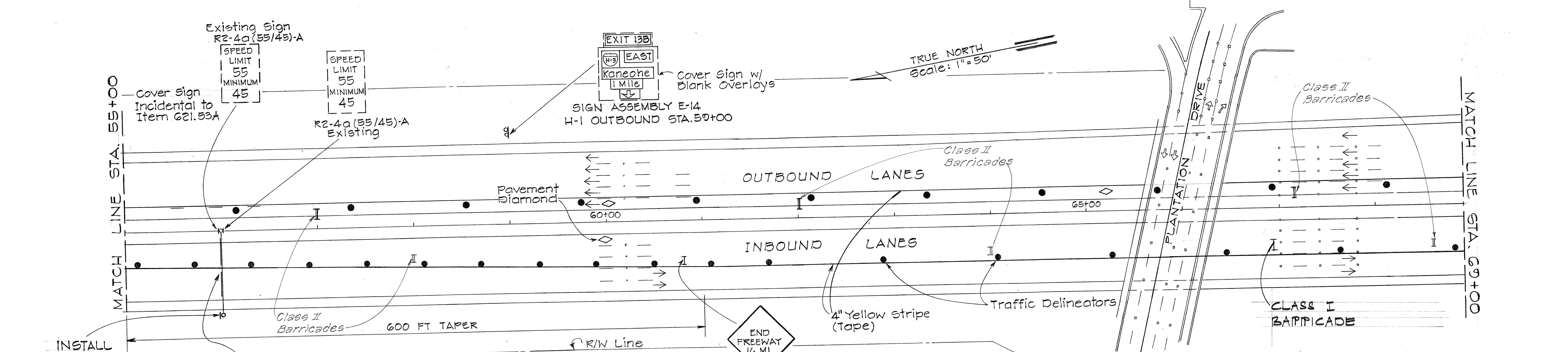
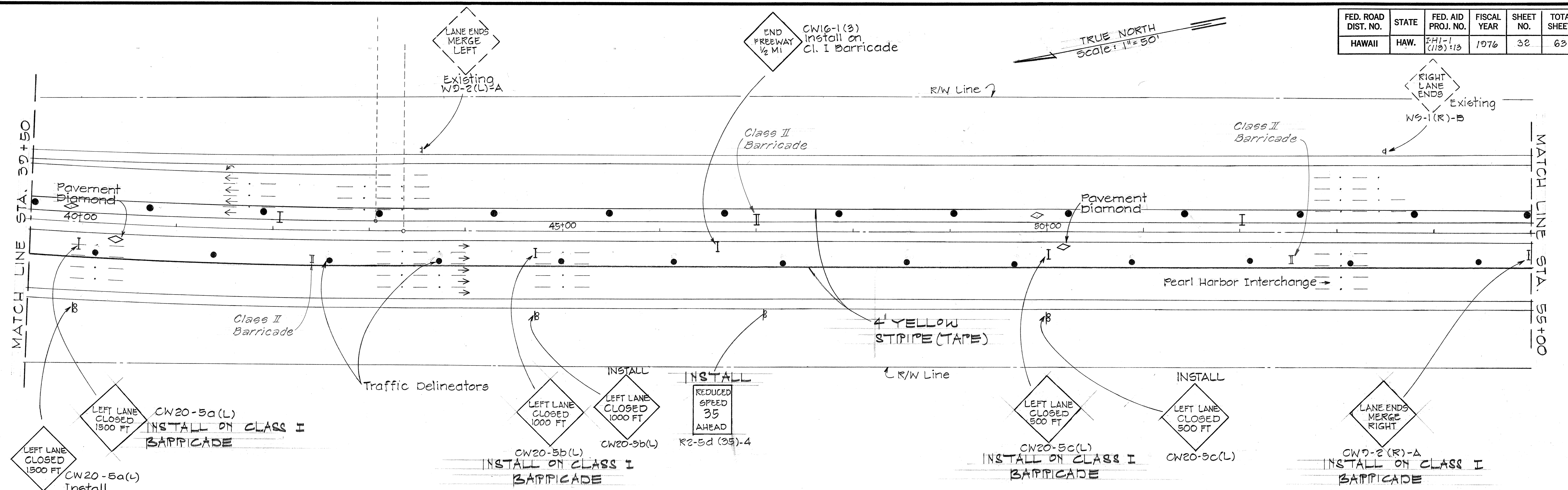


10/18/76	KEEP OUTBOUND MEDIAN LANE CLOSED
DATE	REVISION

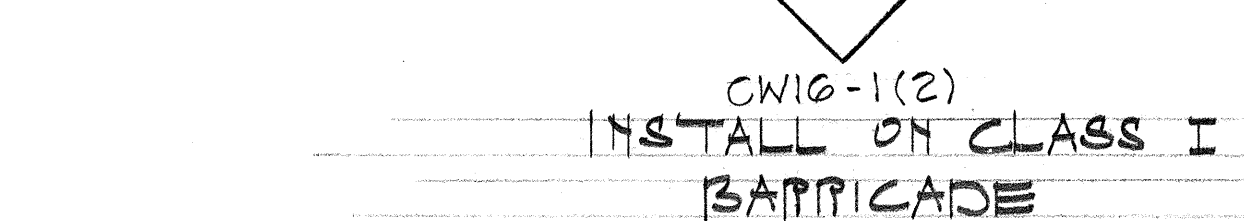
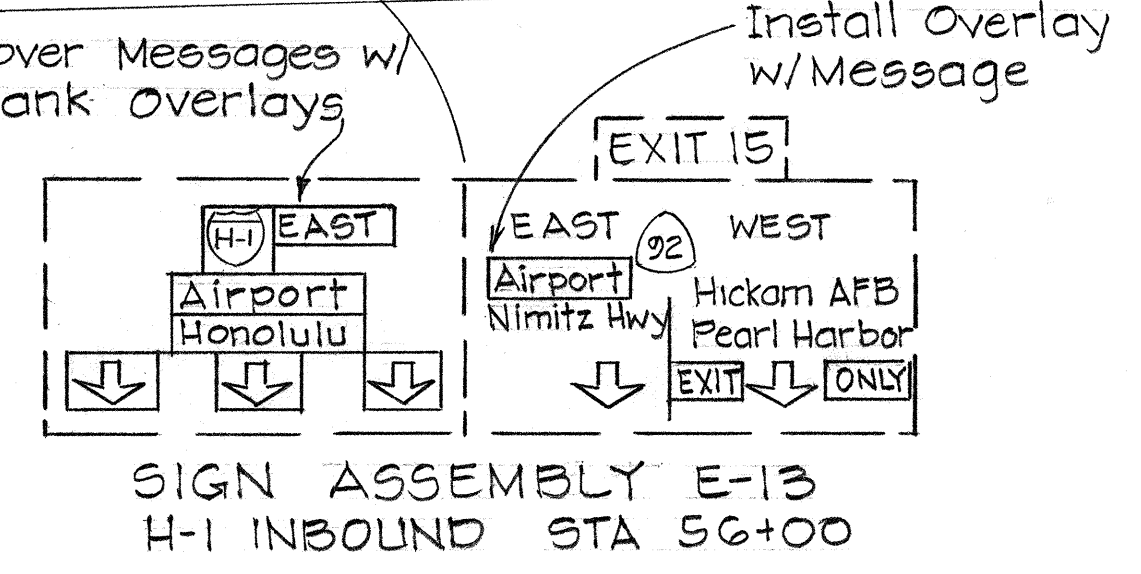
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
SIGNING & PAVEMENT MARKINGS
 INTERSTATE ROUTE H-1
 F.A.I.P. No. I-HI-1 (113):13
 Scale: As Shown Date: April, 1976
 SHEET No. 12 OF 14 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IHI-1 (113):13	1976	32	63

TRUE NORTH
Scale: 1"=50'



DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
DATE	



10/18/76	KEEP OUTBOUND MEDIAN LANE CLOSED.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

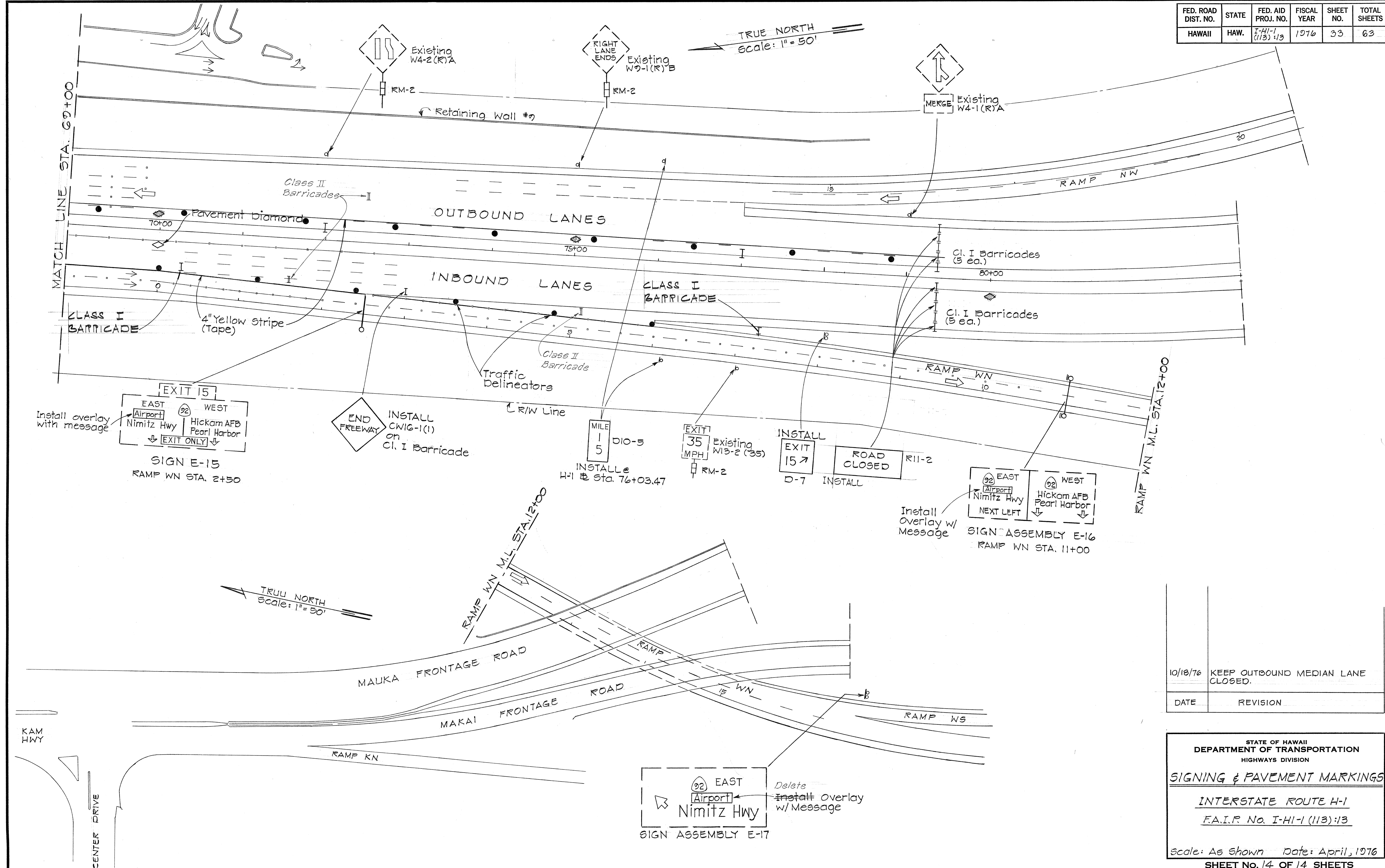
SIGNING & PAVEMENT MARKINGS

INTERSTATE ROUTE H-1
F.A.I.P. No. I-HI-1 (113):13

Scale: As Shown Date: April, 1976
SHEET No. 13 OF 14 SHEETS

C.O. 3 2

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113) 43	1976	33	63



ORIGINAL PLAN	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

10/18/76	KEEP OUTBOUND MEDIAN LANE CLOSED.
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGNING & PAVEMENT MARKINGS

INTERSTATE ROUTE H-1
F.A.I.R. No. I-HI-1 (113) 13

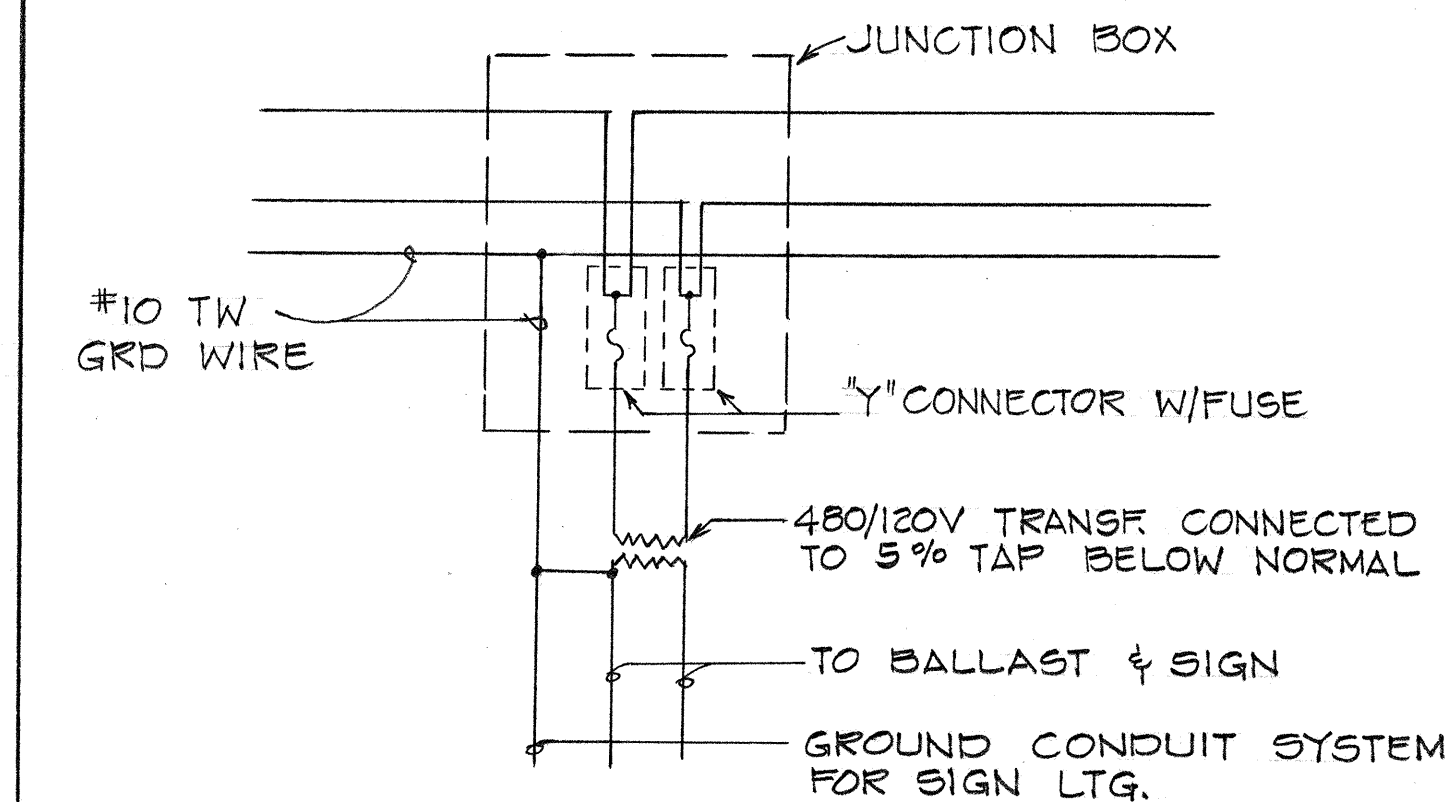
Scale: As Shown Date: April, 1976
SHEET No. 14 OF 14 SHEETS

C.O. 33 33

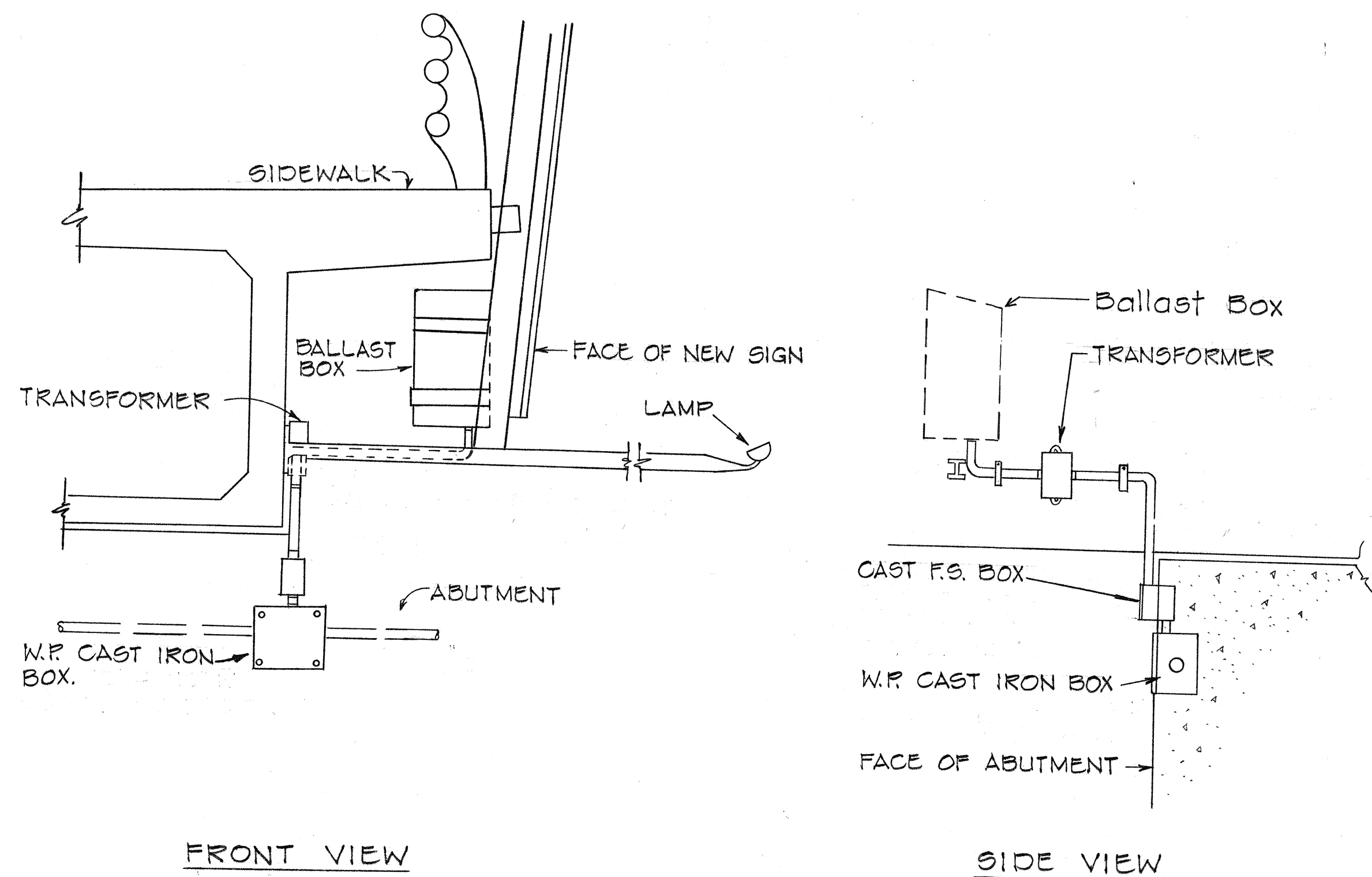
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	FHI-1(113):13	1976	34	63

NOTES: SIGN LIGHTING

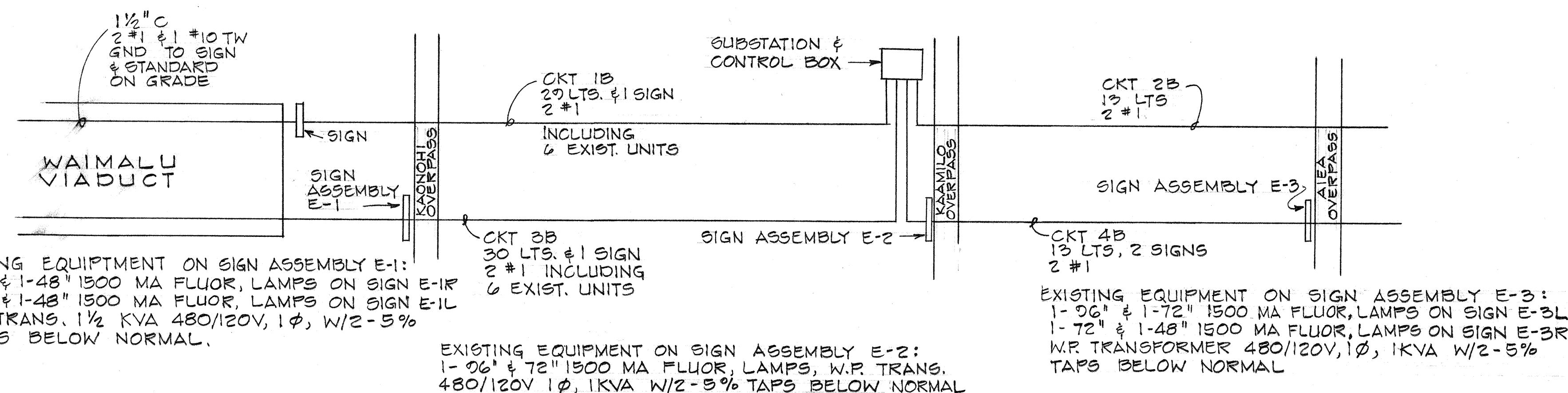
1. CONTRACTOR SHALL MAKE OPERATIONAL ALL EXPRESSWAY SIGN LIGHTING SYSTEMS.
2. FOR EXPRESSWAY SIGN ASSEMBLIES E-1, E-2, & E-3, RECONNECT LINE SIDE WIRING TO BALLAST AND MAKE EXPRESSWAY SIGN LIGHTING OPERATIONAL.
3. REMOVE AMBER FLASHERS ON SIGN ASSEMBLY E-4, AND ON HIGHWAY LIGHTING POLES @ H-1 @ STA. 217+85 ± MED. AND 217+10 ± MED. DELIVER AMBER FLASHERS TO THE ELECTRICAL SHOP AT THE OAHU DISTRICT BASEYARD (727 KAKOI ST.)
4. ALL THE ABOVE WORK SHALL BE PAID FOR UNDER ITEM 622.200 - EXPRESSWAY SIGN LIGHTING SYSTEM; ALL INCIDENTAL ITEMS, SUCH AS WIRES, CONNECTORS, ETC., SHALL BE CONSIDERED INCIDENTAL TO THE ITEM.
5. THE CONTRACTOR SHALL INFORM THE STATE ELECTRICAL SHOP, PHONE 548-4077, BEFORE DOING ANY WORK ON THE EXISTING CIRCUITS.



EXISTING SIGN LIGHTING DIAGRAM



EXISTING CONDUIT TO AIEA OVERPASS SIGN

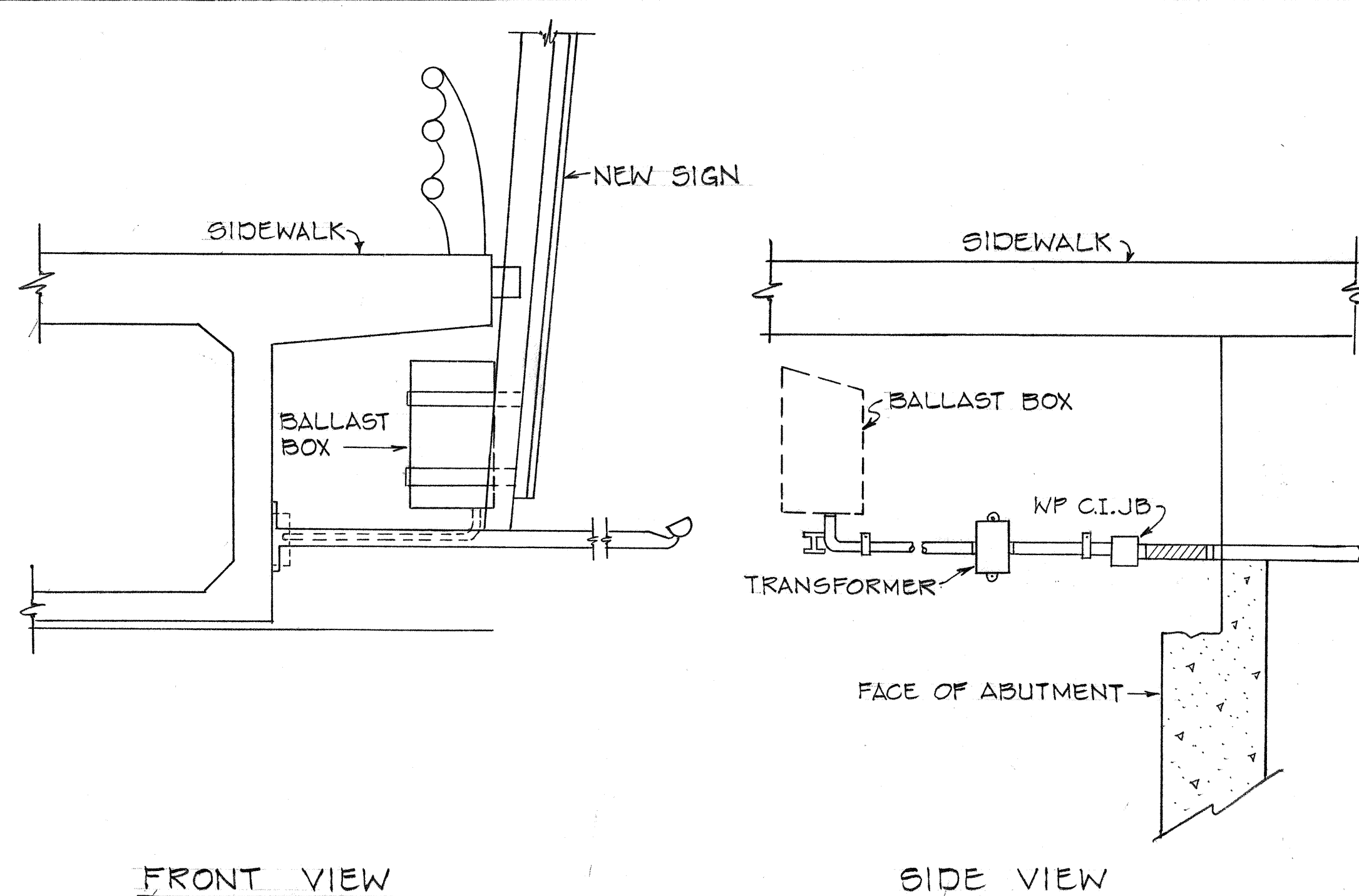


EXISTING EQUIPMENT ON SIGN ASSEMBLY E-1:
 1-72" & 1-48" 1500 MA FLUOR. LAMPS ON SIGN E-1R
 3-96" & 1-48" 1500 MA FLUOR. LAMPS ON SIGN E-1L
 W.P. TRANS. 1 1/2 KVA 480/120V, 1 φ, W/2-5% TAPS BELOW NORMAL.

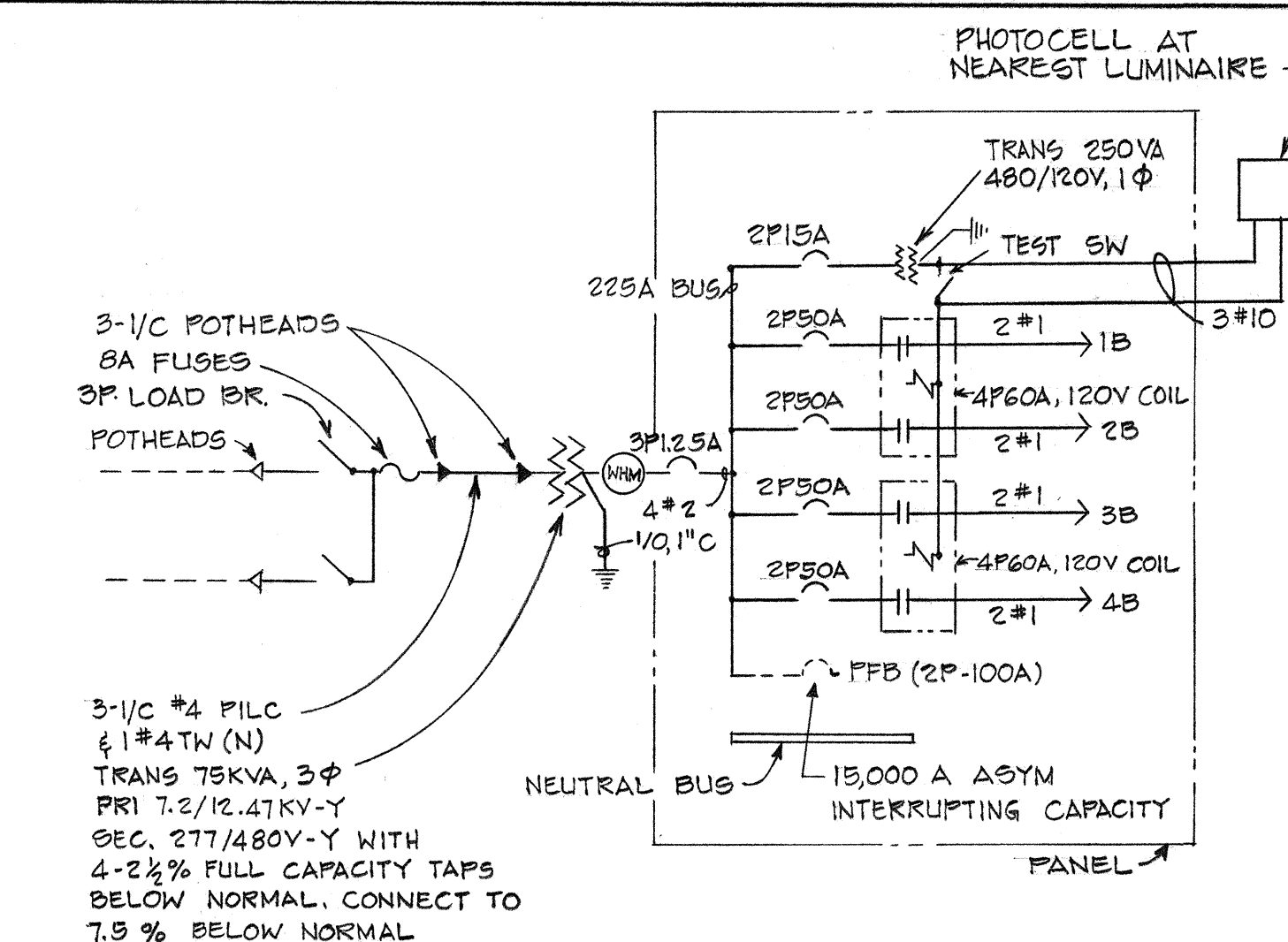
EXISTING EQUIPMENT ON SIGN ASSEMBLY E-2:
 1-96" & 1-72" 1500 MA FLUOR. LAMPS, W.P. TRANS.
 480/120V 1 φ, 1KVA W/2-5% TAPS BELOW NORMAL

EXISTING EQUIPMENT ON SIGN ASSEMBLY E-3:
 1-96" & 1-72" 1500 MA FLUOR. LAMPS ON SIGN E-3L
 1-72" & 1-48" 1500 MA FLUOR. LAMPS ON SIGN E-3R
 W.P. TRANSFORMER 480/120V, 1 φ, 1KVA W/2-5% TAPS BELOW NORMAL

EXISTING LUMINAIRE AND SIGN CIRCUITS



EXISTING CONDUIT TO KAAMILO & KAONOHI OVERPASS SIGNS



EXISTING ONE-LINE DIAGRAM

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION
EXPRESSWAY SIGN LIGHTING SYSTEM
 INTERSTATE ROUTE H-1
 F.A.I. PROJ. NO. I-HI-1(113):13
 NOT TO SCALE DATE: April, 1976
 SHEET NO. 1 OF 1 SHEETS

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

SUMMARY OF REGULATORY, WARNING AND DIRECTIONAL SIGNS

TYPE	DESCRIPTION	QUANTITY	
		W/POST	W/O POST
W13-1(30)-A	30 M.P.H.		1
R2-4a(55/45)-A	SPEED LIMIT 55 MINIMUM 45	2	2
R3-8A (R)	↑↑ ONLY	1	
W1-2 (R)-A	↗	1	
W4-1(L)-A	↑ MERGE	2	
W4-1 (R)-A	↑ MERGE	1	
W13-2(30)	EXIT 30 M.P.H.		1
DIR-1 (L)	↖ AIEA	1	
DIR-1 (R)	AIEA ↗	2	
W4-2(R)-A	↑	1	1
W9-2(L)-A	LANE ENDS MERGE LEFT		1

CONSTRUCTION SIGN SUMMARY

TYPE	DESCRIPTION	QUANTITY	
		W/POST	W/O POST
CW16-1(1)	END FREEWAY		1
CW16-1(2)	END FREEWAY 1/4 MI.		1
CW16-1(3)	END FREEWAY 1/2 MI.		1
CW20-5a(L)	LEFT LANE CLOSED 1500 FT.	2	3
CW20-5b(L)	LEFT LANE CLOSED 1000 FT.	2	3
CW20-5c(L)	LEFT LANE CLOSED 500 FT.	2	3

MILEPOST MARKER SUMMARY

TYPE	DESCRIPTION	QUANTITY
D10-3	MILE 13	2
	MILE 14	1
	MILE 15	2
D10-5R	MILE 14 01	1

EXPRESSWAY (E) SIGN SUMMARY

SIGN	LEGEND	QUANTITY(SQ.FT.)
E-1R	(78) EAST, HONOLULU EXIT 13A	143.75 19
E-2	(78) EAST, HONOLULU, RIGHT LANE EXIT 13A	131.25 19
*E-3L	(78) EAST, HALAWA HTS, STADIUM, 1/2 MILE EXIT 13B	143.75 19
E-3R	(78) EAST, HONOLULU, EXIT ONLY EXIT 13A	143.75 19
*E-4C	EXIT 13B	19
E-4R	EXIT 13A	19
E-5C	EXIT 15	15
E-5R	EXIT 13B	19
E-6	EXIT 1A	16
E-7C	EXIT 1B	16
E-7R	EXIT 1A	16
E-8	EXIT 1B	16
E-9R	EXIT 1B	16
E-10	EXIT 13A	19
E-11C	EXIT 13A	19
E-11R	EXIT 13B	19

* Attach message overlay "Aied."

DESTINATION (D) SIGN SUMMARY

SIGN	LEGEND	QUANTITY (SQ. FT.)
D-1	EXIT, 13A, ↗	45
D-2	EXIT, 13B, ↗	45
D-3	EXIT, 13A, ↗	45
D-6	EXIT, 13B, ↗	45
D-7	EXIT, 15, ↗	36

SUMMARY OF REGULATORY & WARNING (CONSTRUCTION) SIGNS

TYPE	DESCRIPTION	QUANTITY	
		W/POST	W/O POST
R2-1(35)-A	SPEED LIMIT 35		1
R2-1(45)-A	SPEED LIMIT 45		1
R2-5b(45)-A	REDUCED SPEED 45 M.P.H.		1
R2-5d(35)-A	REDUCED SPEED 35 AHEAD	1	
R11-2	ROAD CLOSED		7
CW9-2(R)-A	LANE ENDS MERGE RIGHT	1	4

RELOCATED SIGN SUMMARY

SIGN	DESCRIPTION	QUANTITY
D-3	EXIT (1A) ↗	1

SUMMARY OF OVERLAYS FOR EXPRESSWAY (E) SIGNS

LEGEND	QUANTITY
AIRPORT	4 5 EACH
HONOLULU	1 EACH
(78)	1 EACH
"BLANK"	184 SQ. FT.
AIEA	2 EACH

TEMPORARY DESTINATION SIGN SUMMARY

SIGN	MESSAGE
TD-1	EFFECTIVE CAUTION. FREEWAY OPEN TO TRAFFIC
TD-2	EFFECTIVE AFTER 10:00 AM AIEA DETOUR CLOSED
TD-3	HONOLULU NEXT RIGHT
TD-4	HONOLULU RIGHT LANE
TD-5	HONOLULU ↗ ↗

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN SCHEDULES

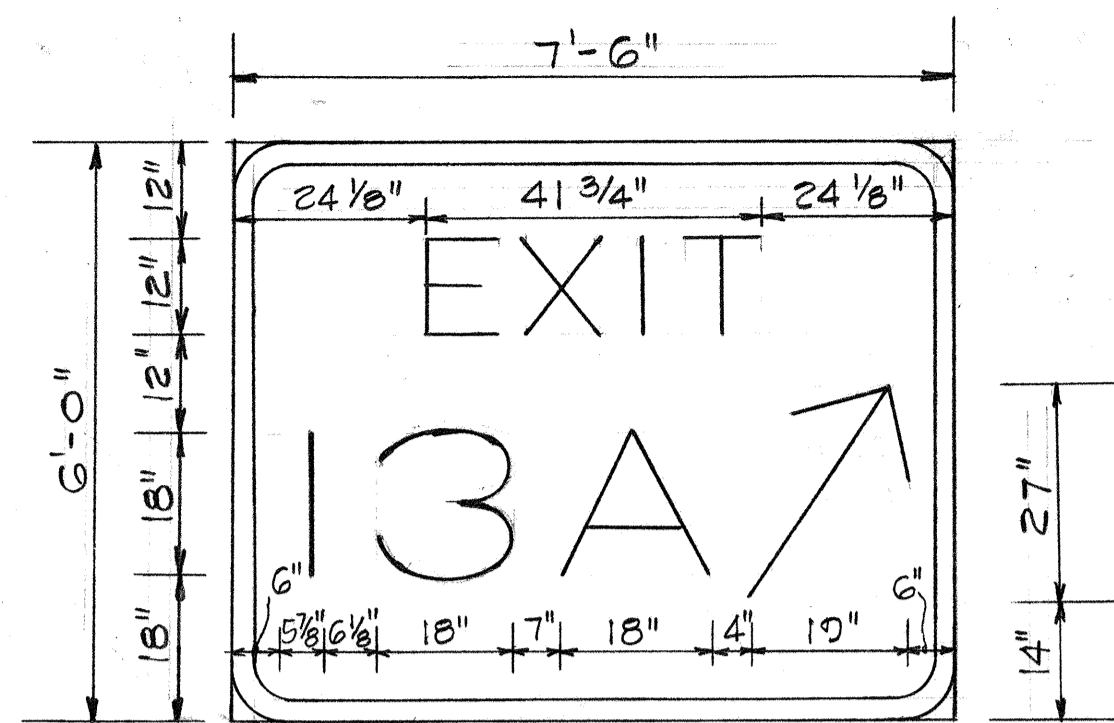
INTERSTATE ROUTE H-1
F.A.I.P. NO. I-HI-1(113):13

Scale: As Shown Date: April 1976

SHEET No. 1 OF 1 SHEETS

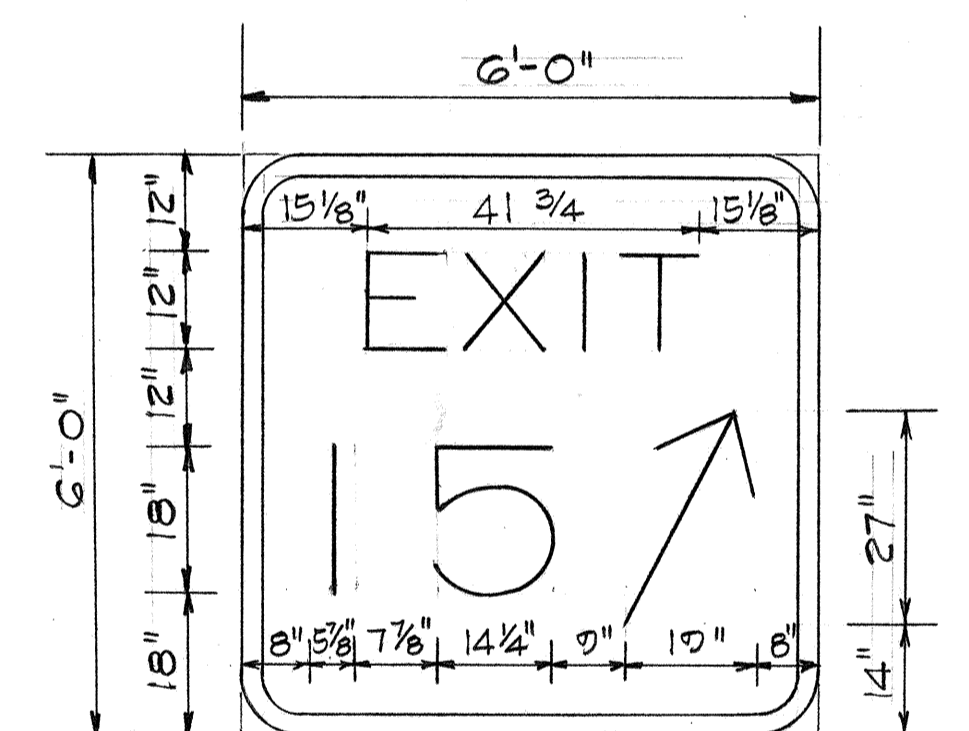
SURVEY PROVIDED BY: _____ DATE: _____
 DRAWN BY: _____
 TRACED BY: _____
 NOTE BOOK: _____
 QUANTITIES BY: _____
 CHECKED BY: _____

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	F-HI-1(113):13	1976	37	63

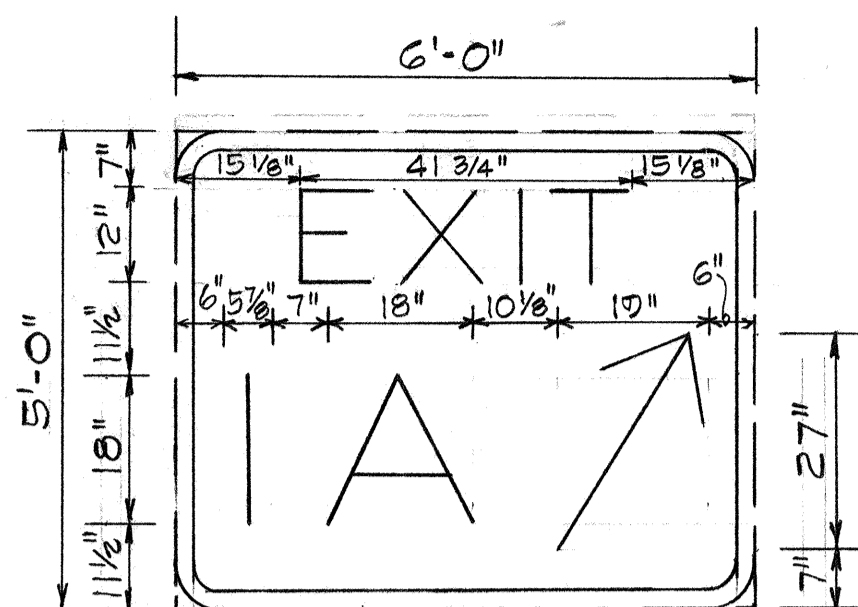


SIGN D-1
AND SIGN D-5
(EXIT, 13A)

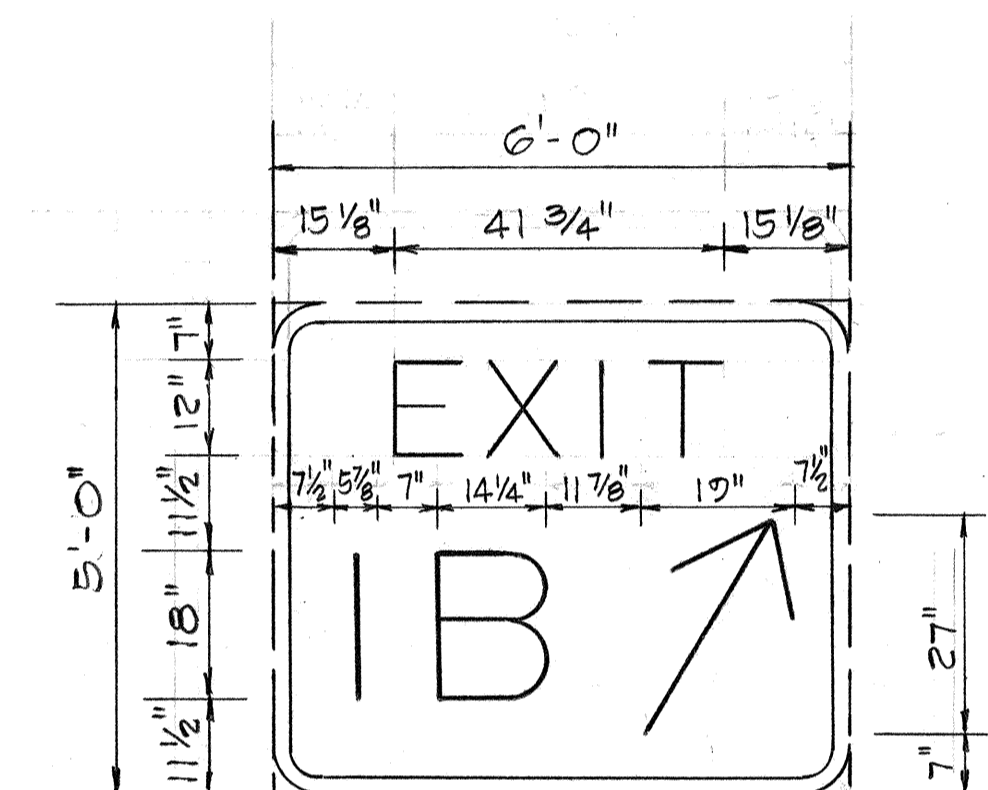
SIGN D-2
AND SIGN D-6
(EXIT, 13B)



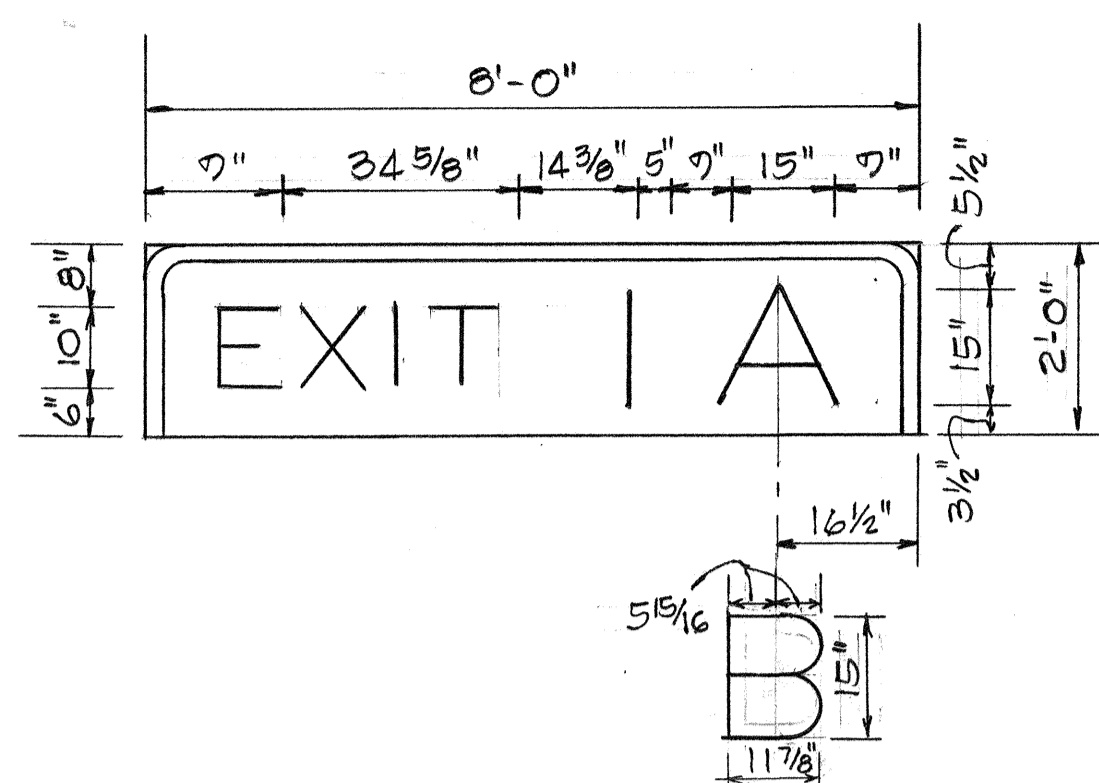
SIGN D-7



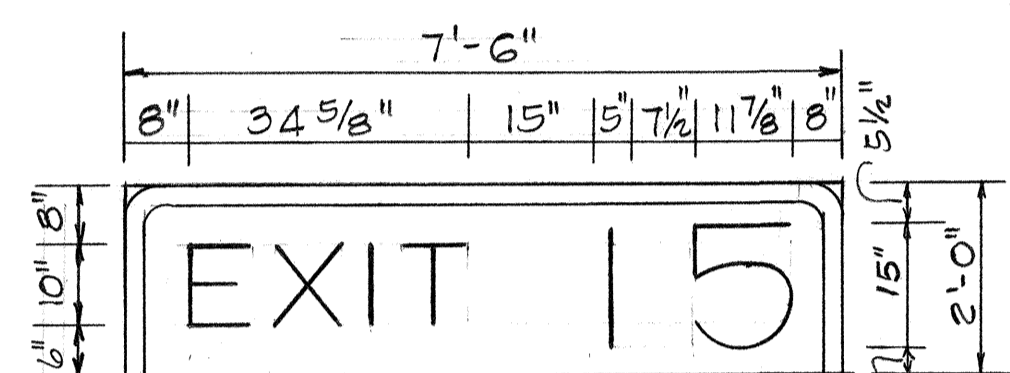
SIGN D-3



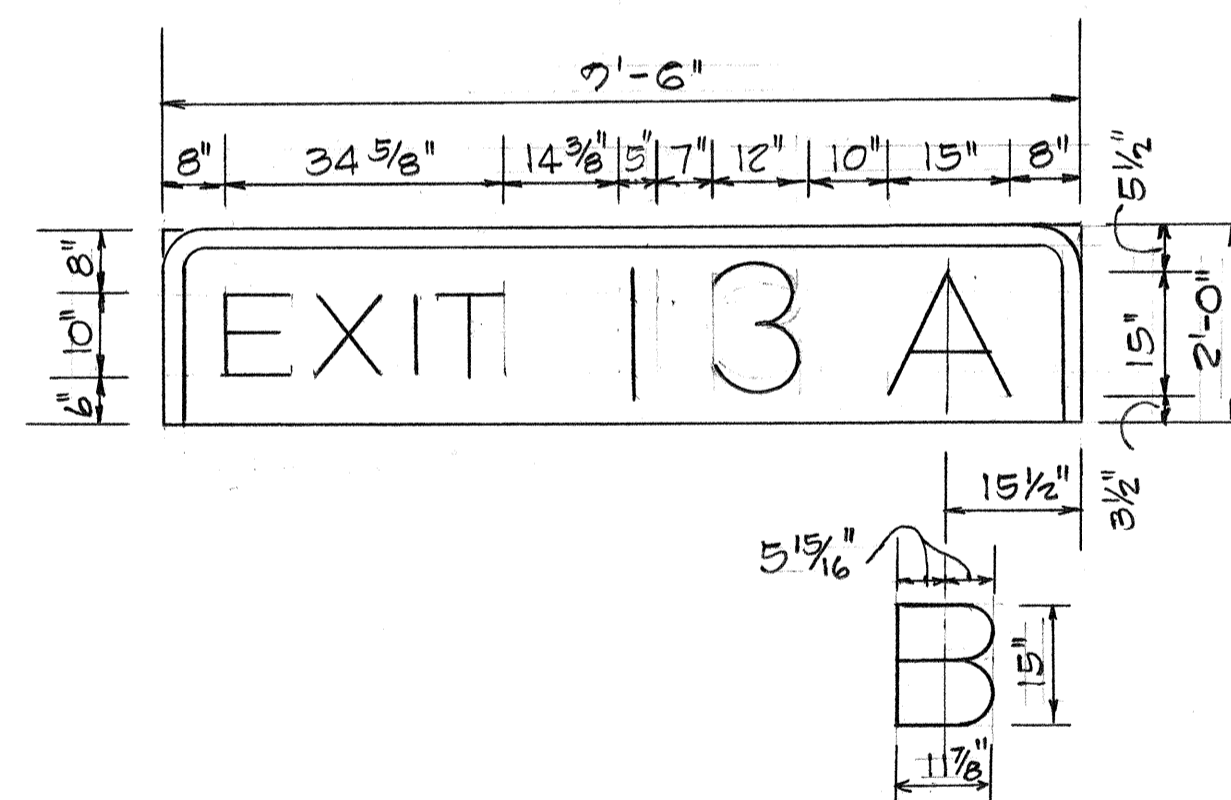
SIGN D-4



EXIT NUMBER PANELS
SIGNS E-7C, E-8, E-7R
(EXIT 1A)



EXIT NUMBER PANELS
SIGN E-5C



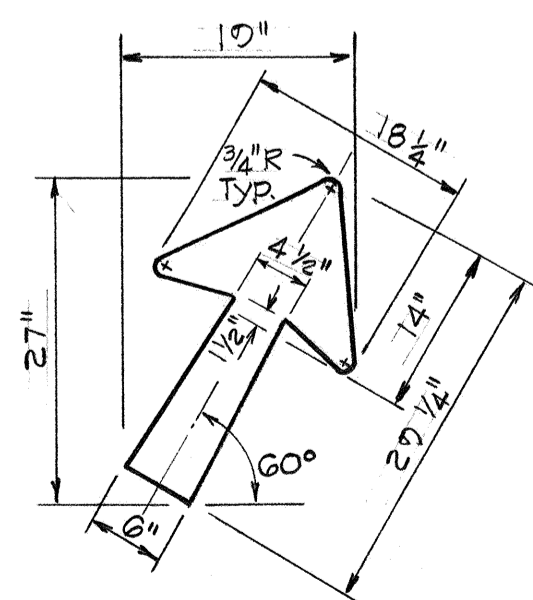
EXIT NUMBER PANELS

SIGNS

E-1R, E-2, E-3R, E-4R
E-10, E-11C
(EXIT, 13A)

SIGNS

E-3L, E-4C, E-5R, E-11R
(EXIT, 13B)

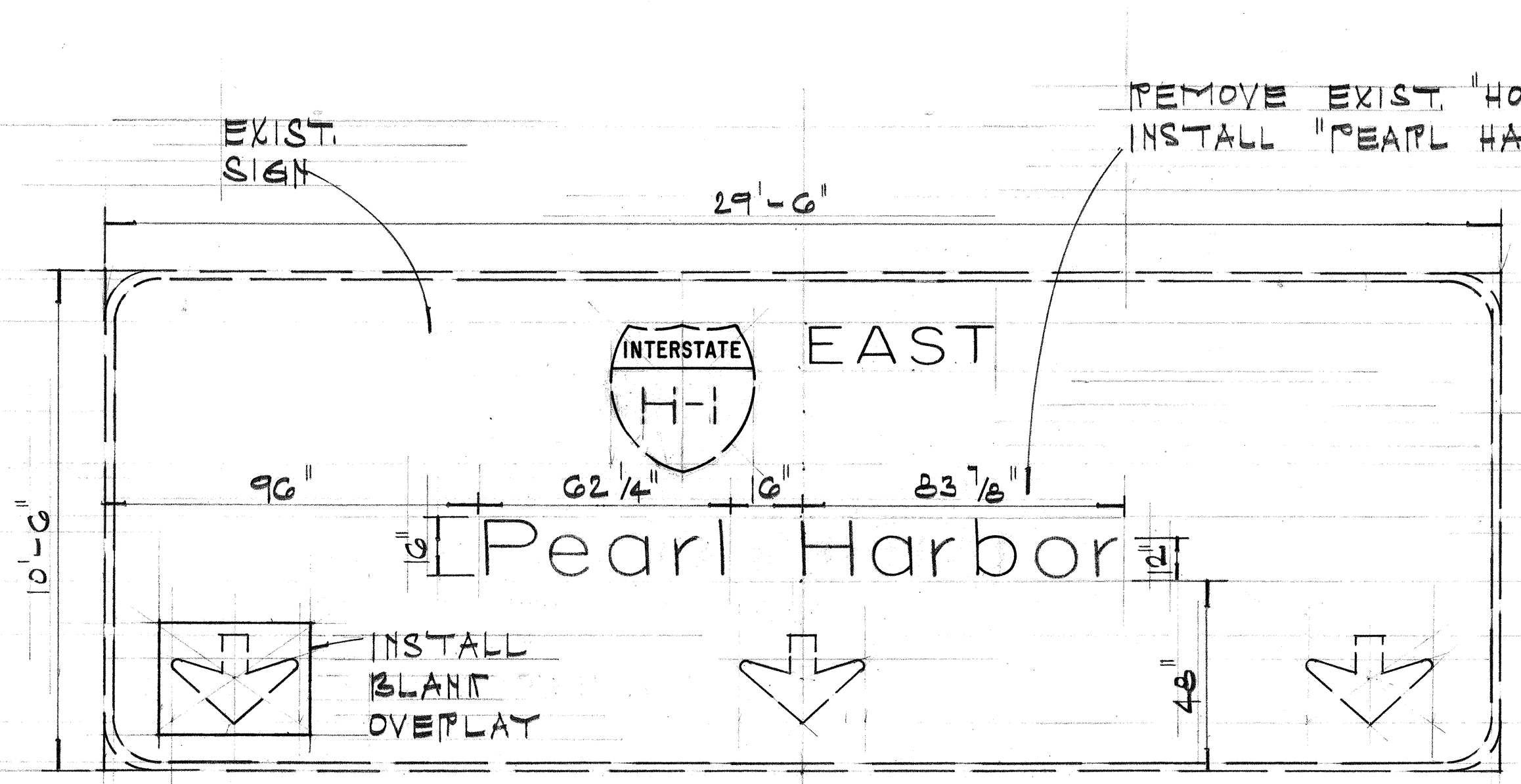


DIAGONAL ARROW DETAIL
FOR DESTINATION SIGN
N.T.S.

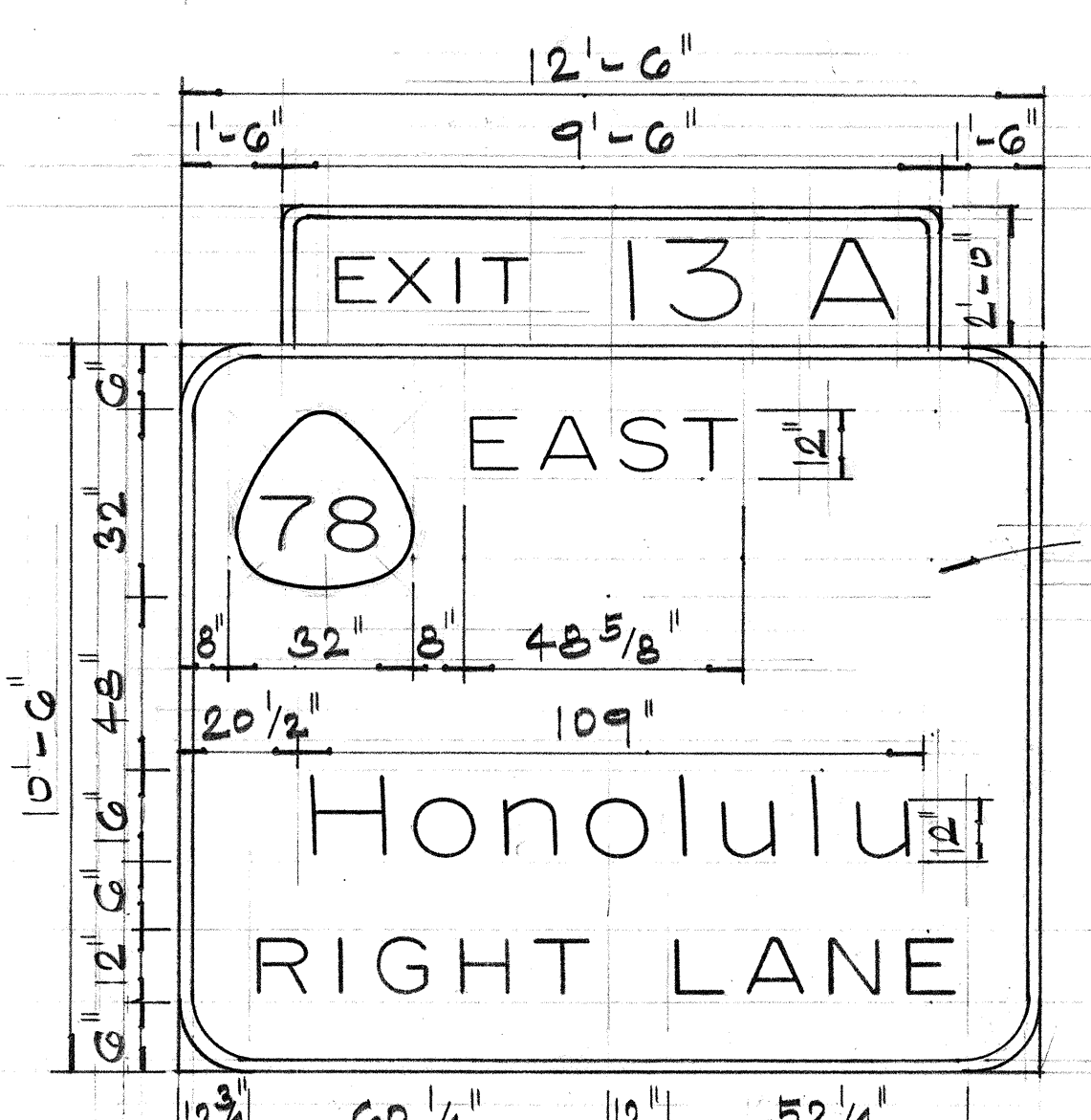
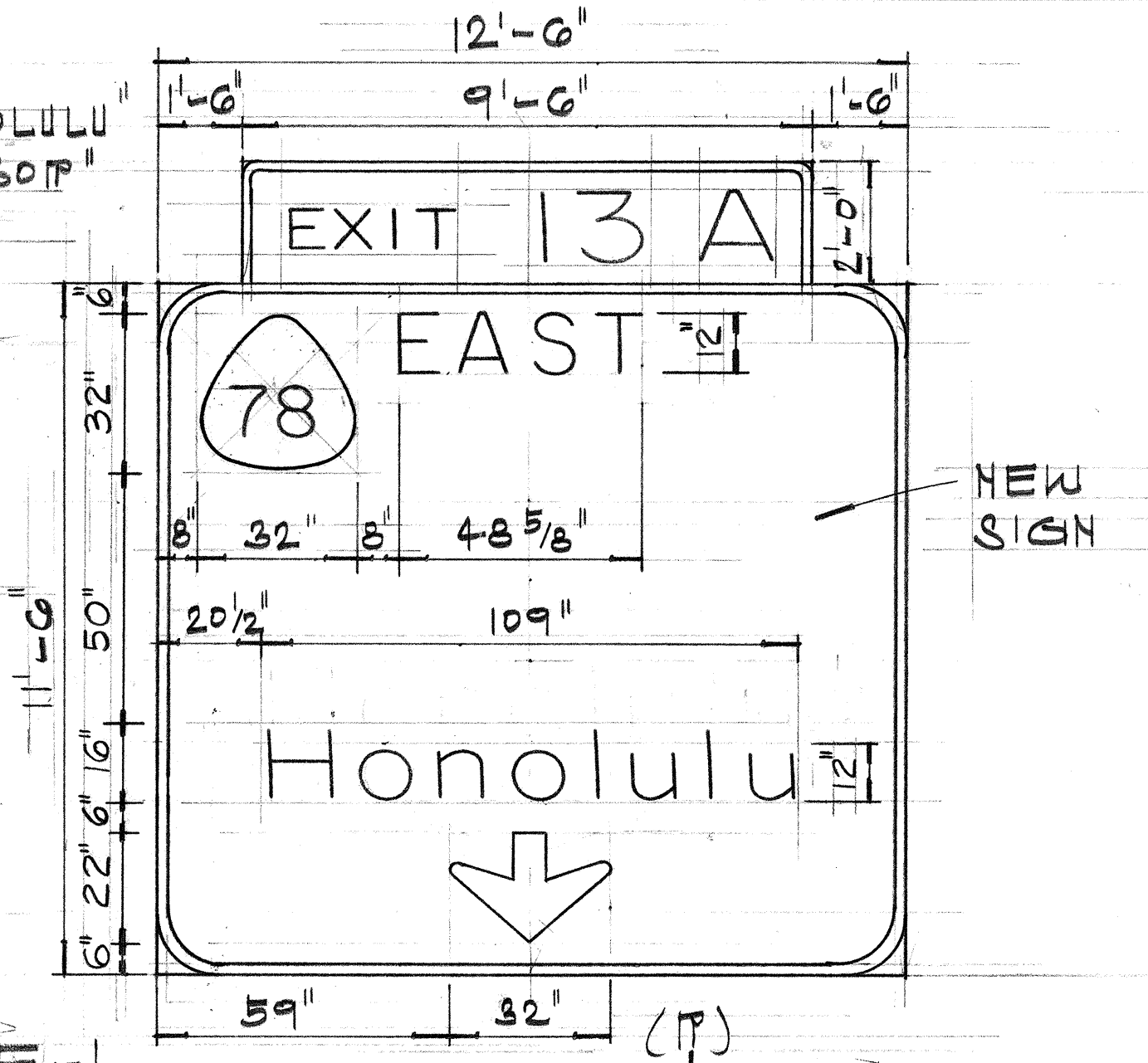
ORIGINAL PLAN	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
**EXIT NUMBER
PANEL LAYOUTS**
INTERSTATE ROUTE HI-1
F.A.I.R. No. I-HI-1 (113):13
Scale: As Shown Date: April, 1976
SHEET No. 1 OF 5 SHEETS

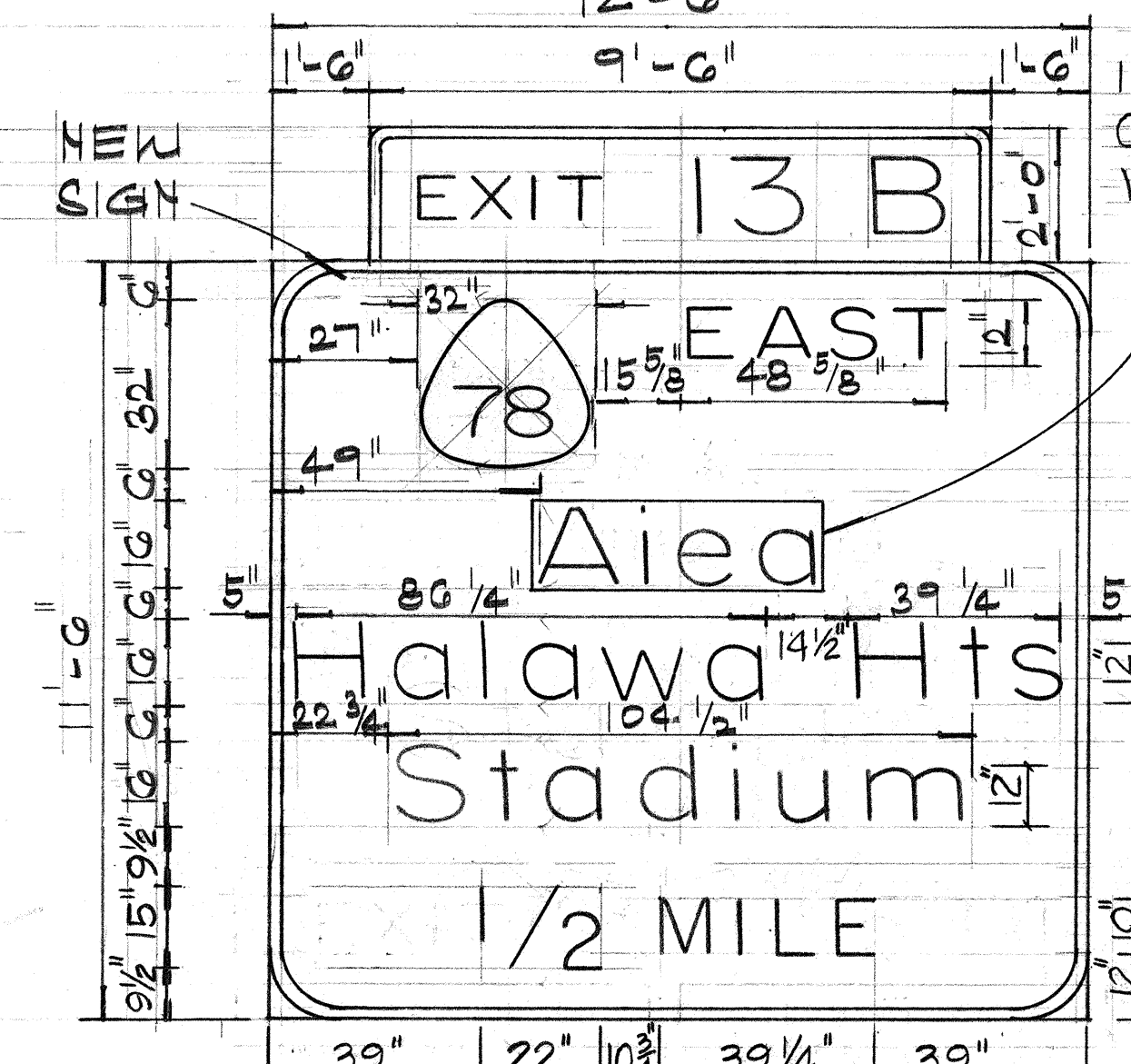
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113)13	1976	38	63



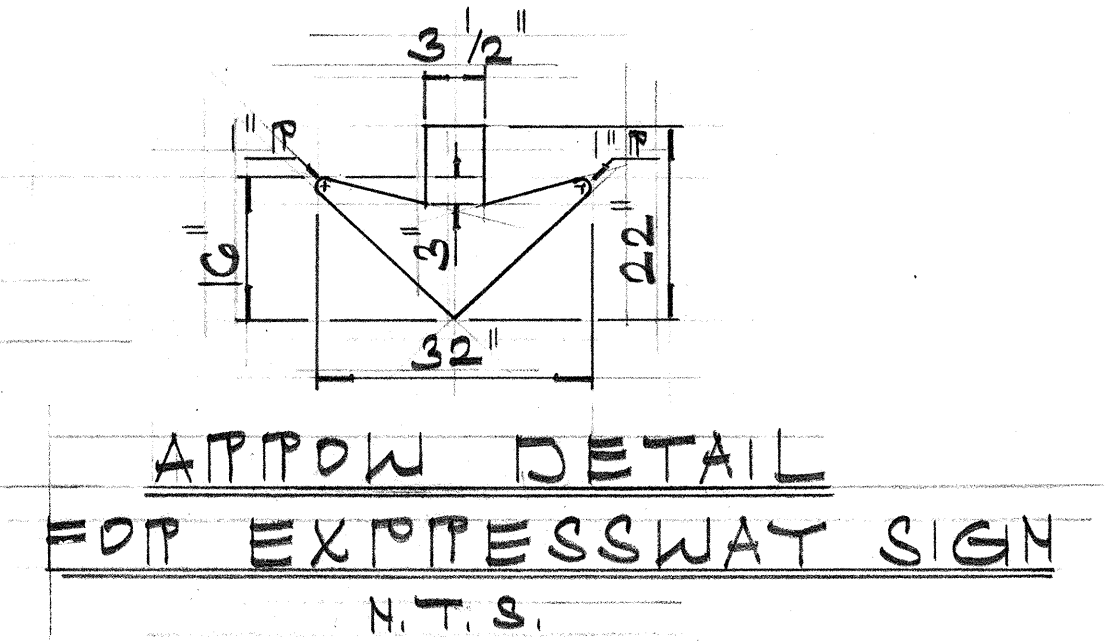
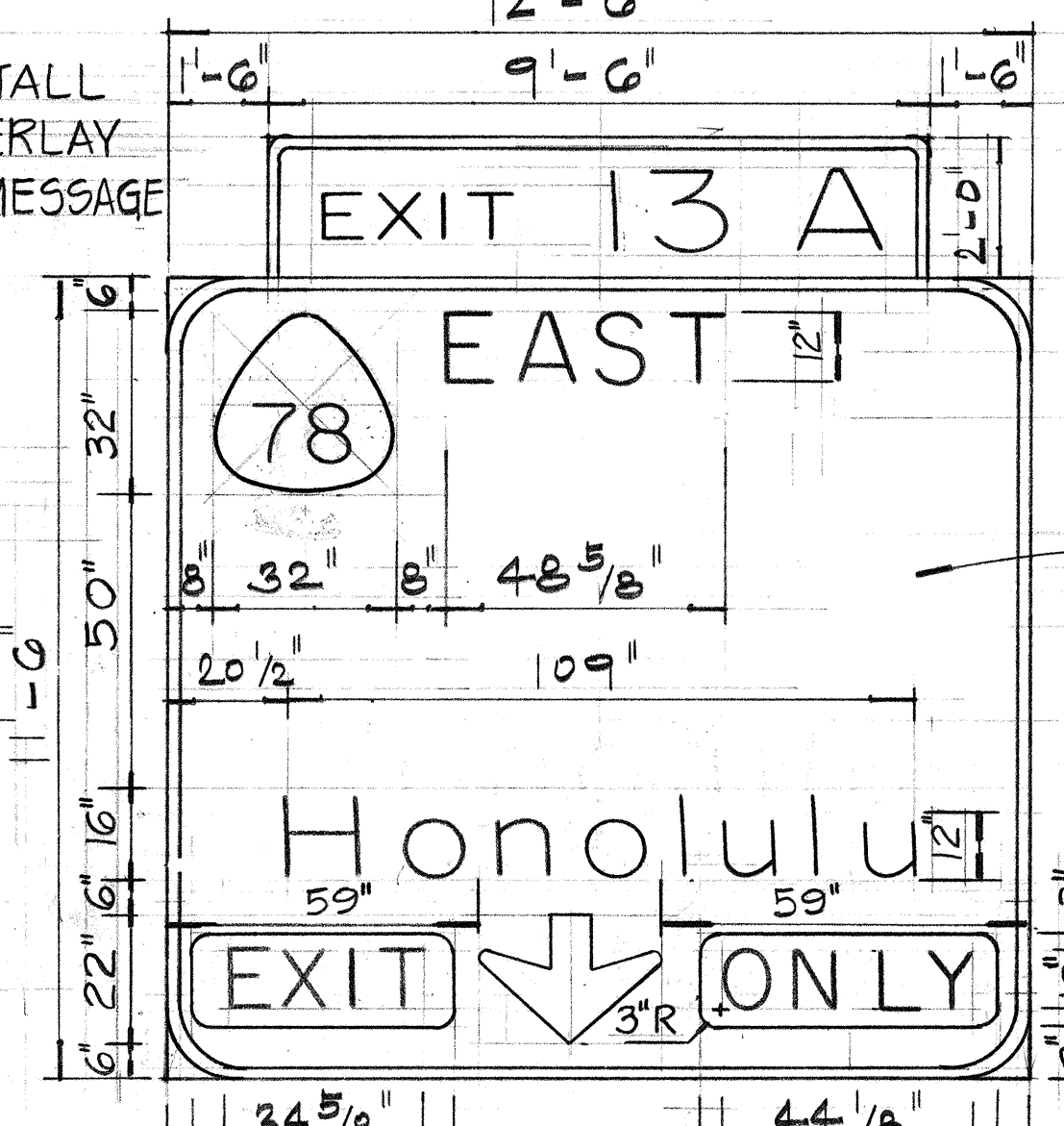
SIGN ASSEMBLY E-1
KAPONOHI ST. SEPARATION



SIGN ASSEMBLY E-2
KAAMILO ST. SEPARATION



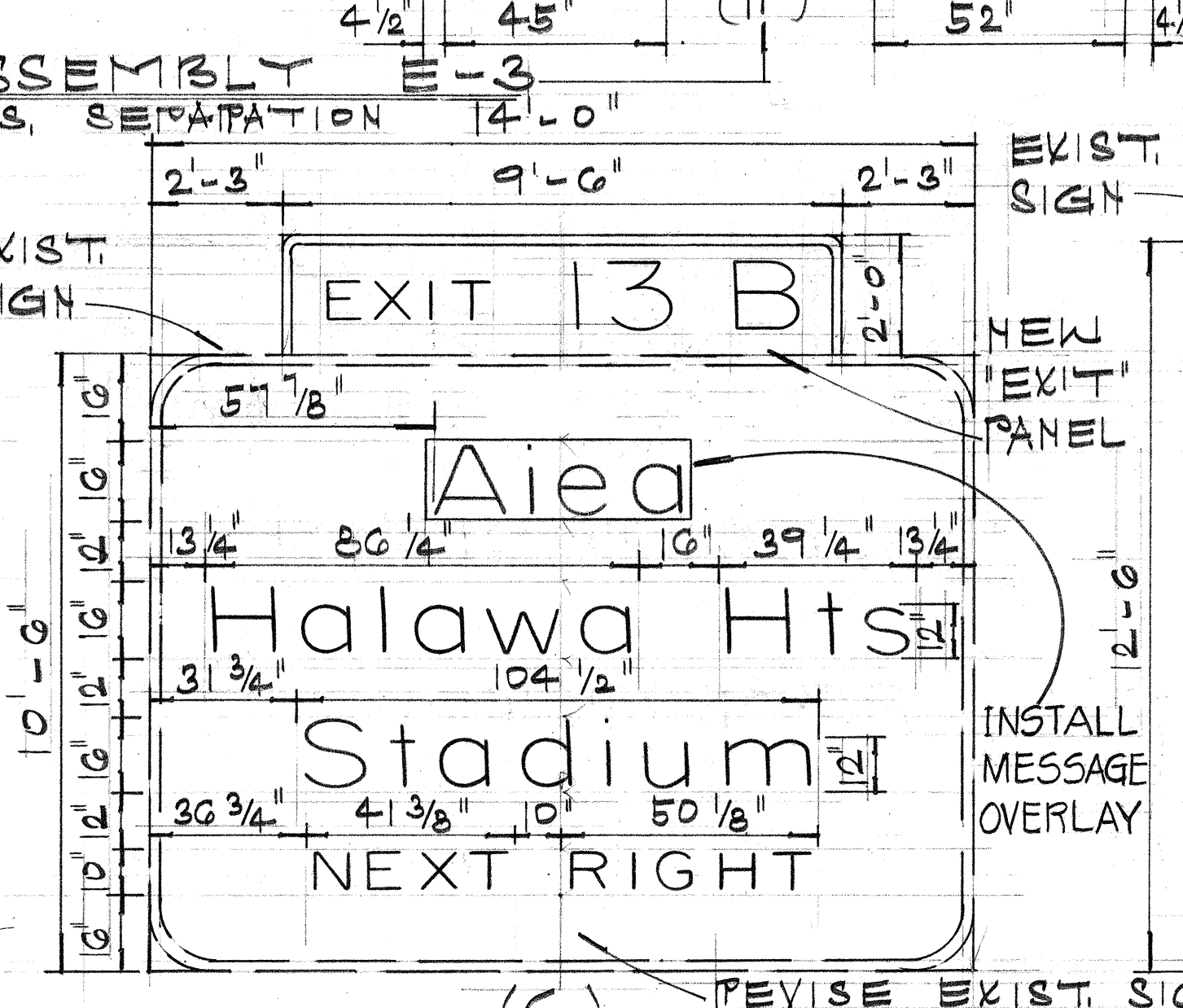
SIGN ASSEMBLY E-3
AIEA HTS. SEPARATION



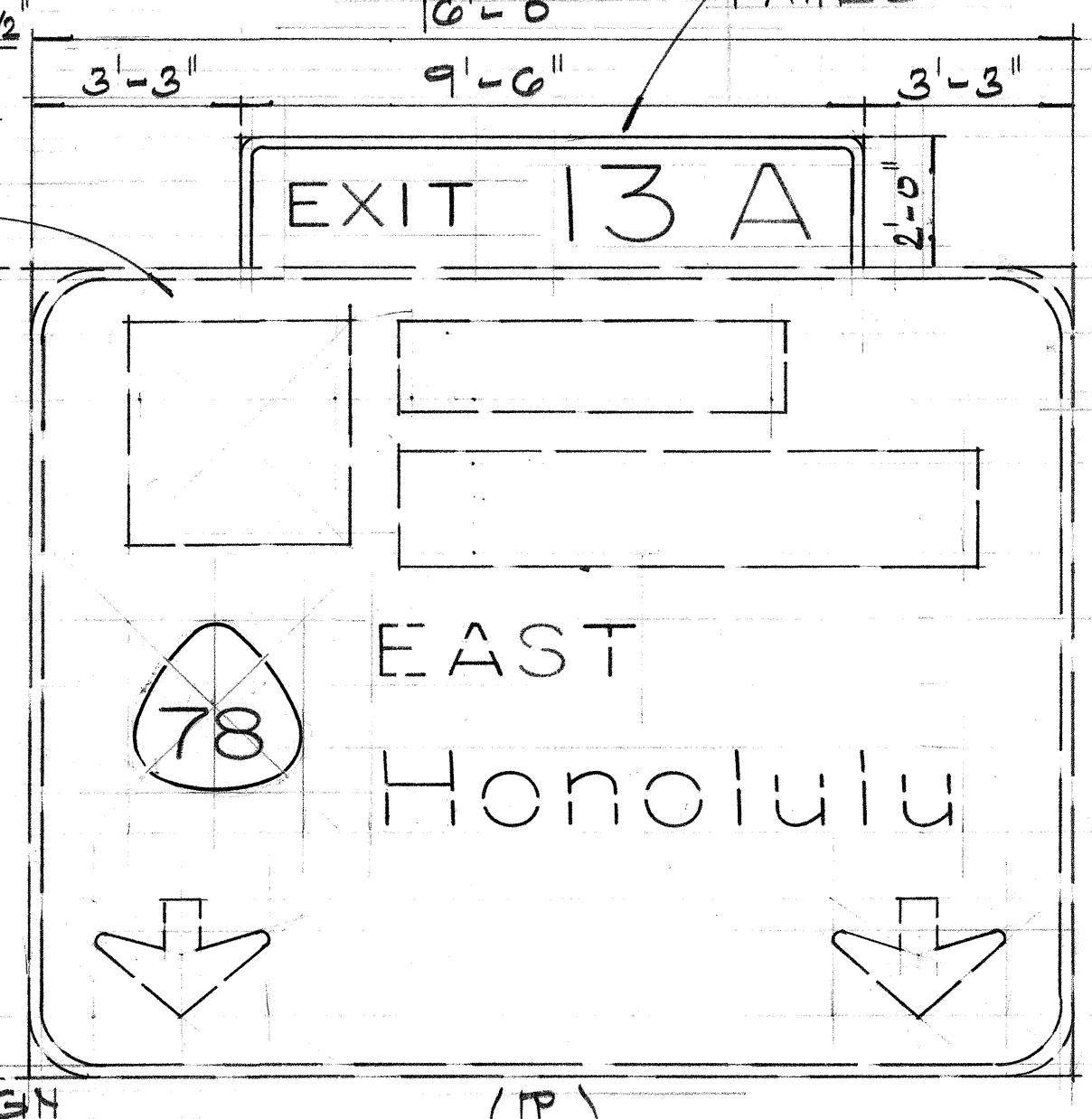
ARROW DETAIL
FOR EXPRESSWAY SIGN
N.T.S.



Existing Blank Overlay to Remain



SIGN ASSEMBLY E-4
N.T. HI & STA. 200+65 (INBOUND)



(R)

DESIGNED BY	DATE
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

Date	Revision
10-18-76	REVISE SIGNS E-1(L) & E-2
9/14/76	Revise Signs E-1(R), E-3(L)+(R), & E-4(C)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

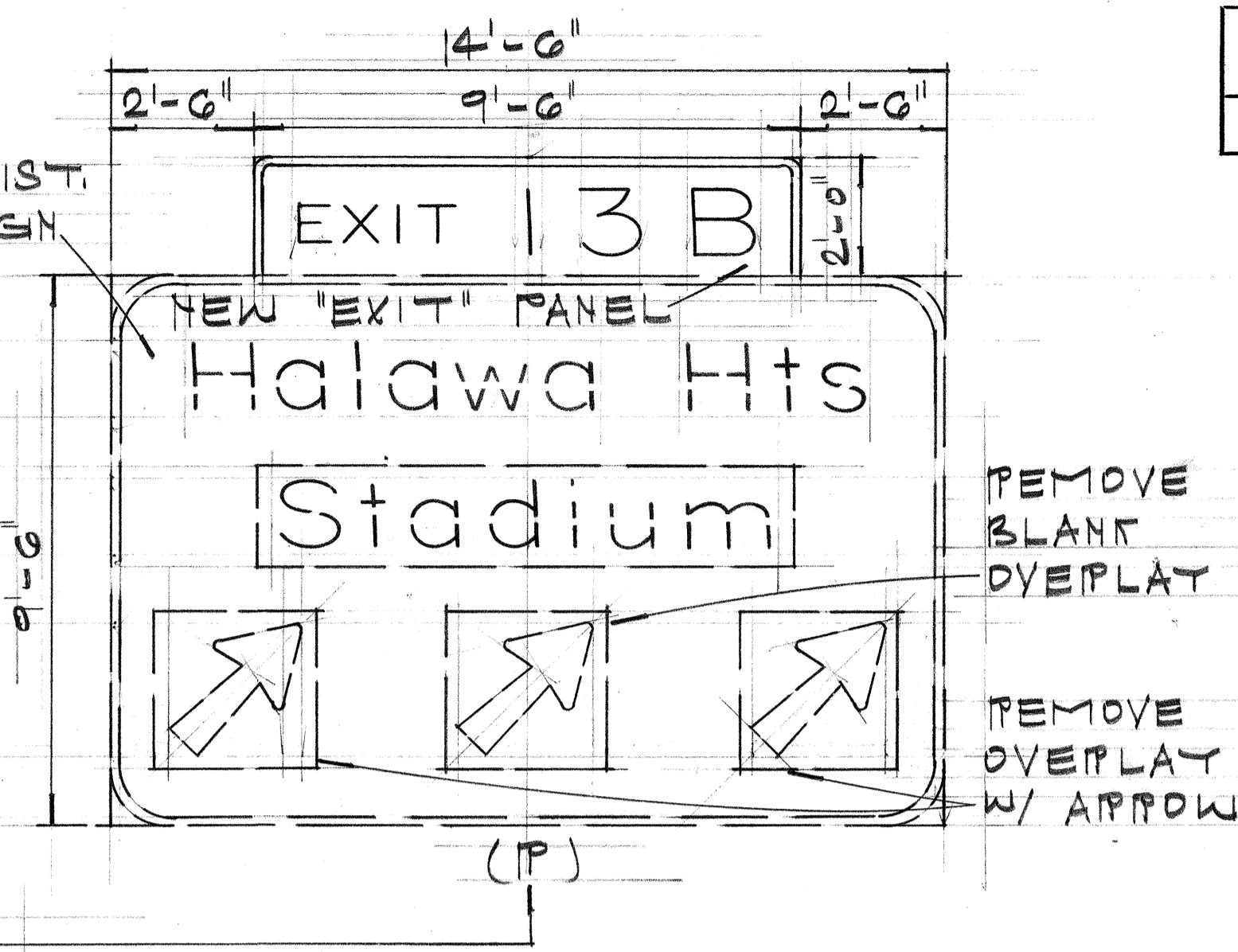
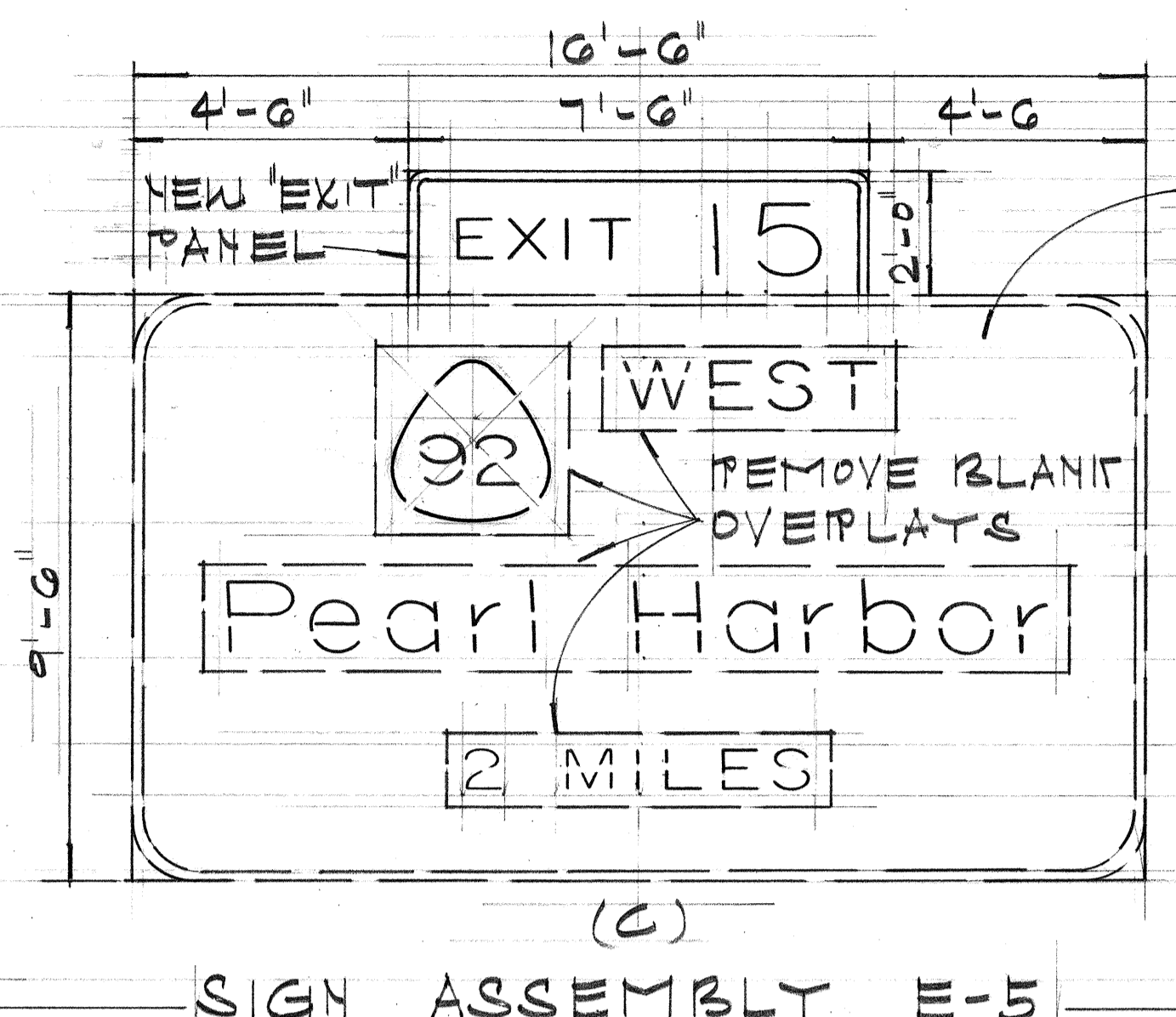
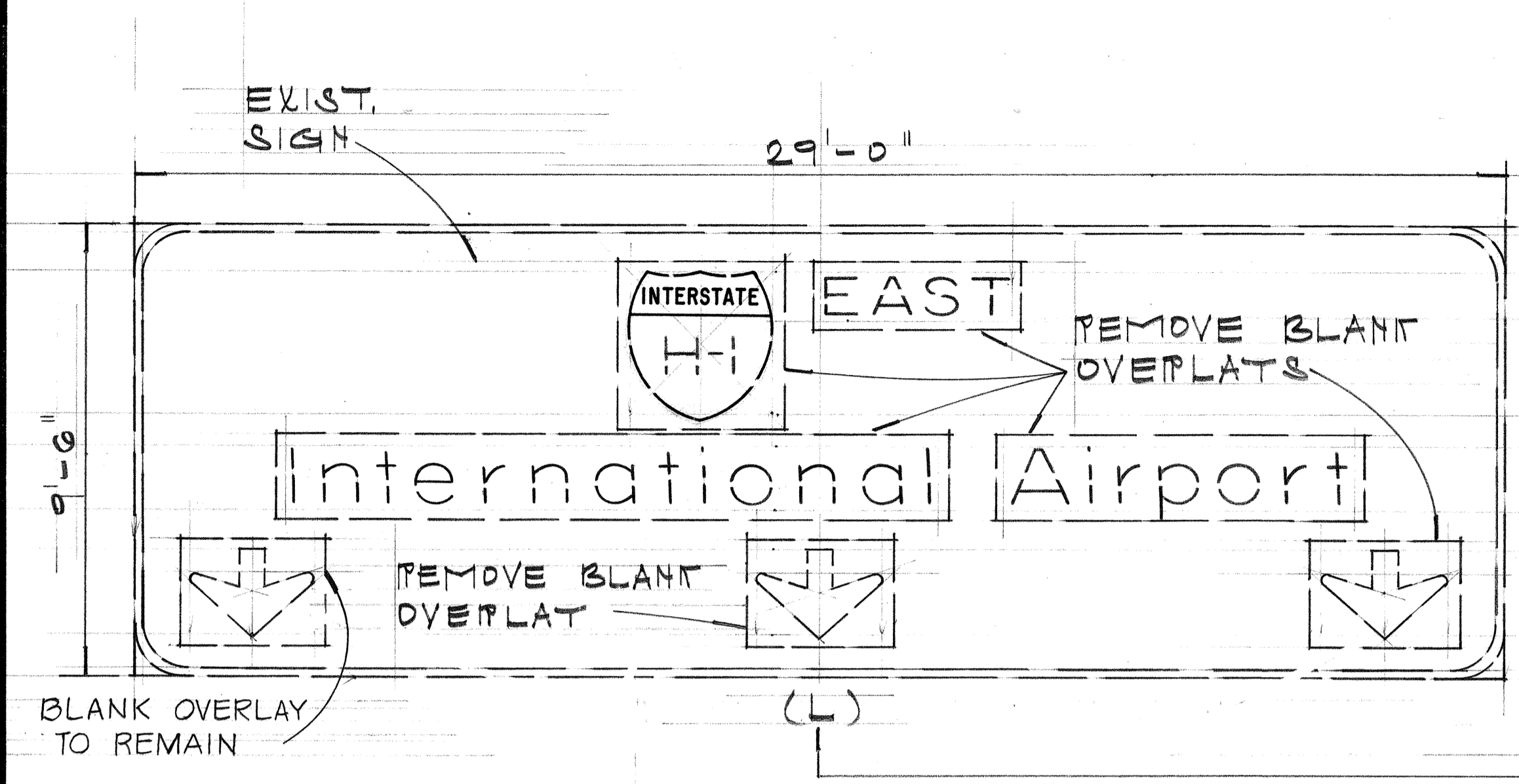
PANEL LAYOUTS

INTERSTATE ROUTE HI-1
FAIP NO I-HI-1(113)13
SCALE: 3/8" = 1'-0" APRIL 1976

SHEET NO. 2 OF 5 SHEETS

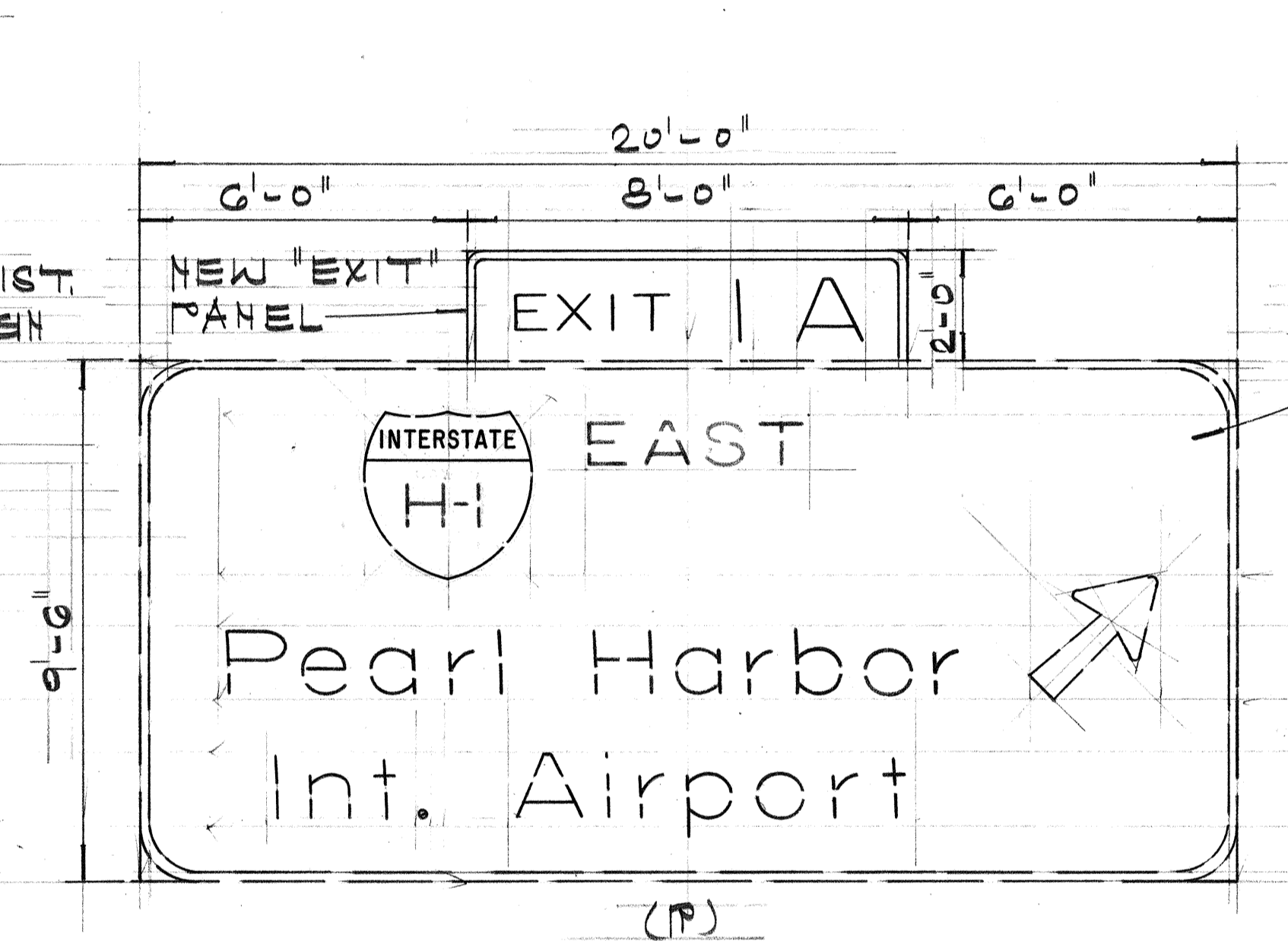
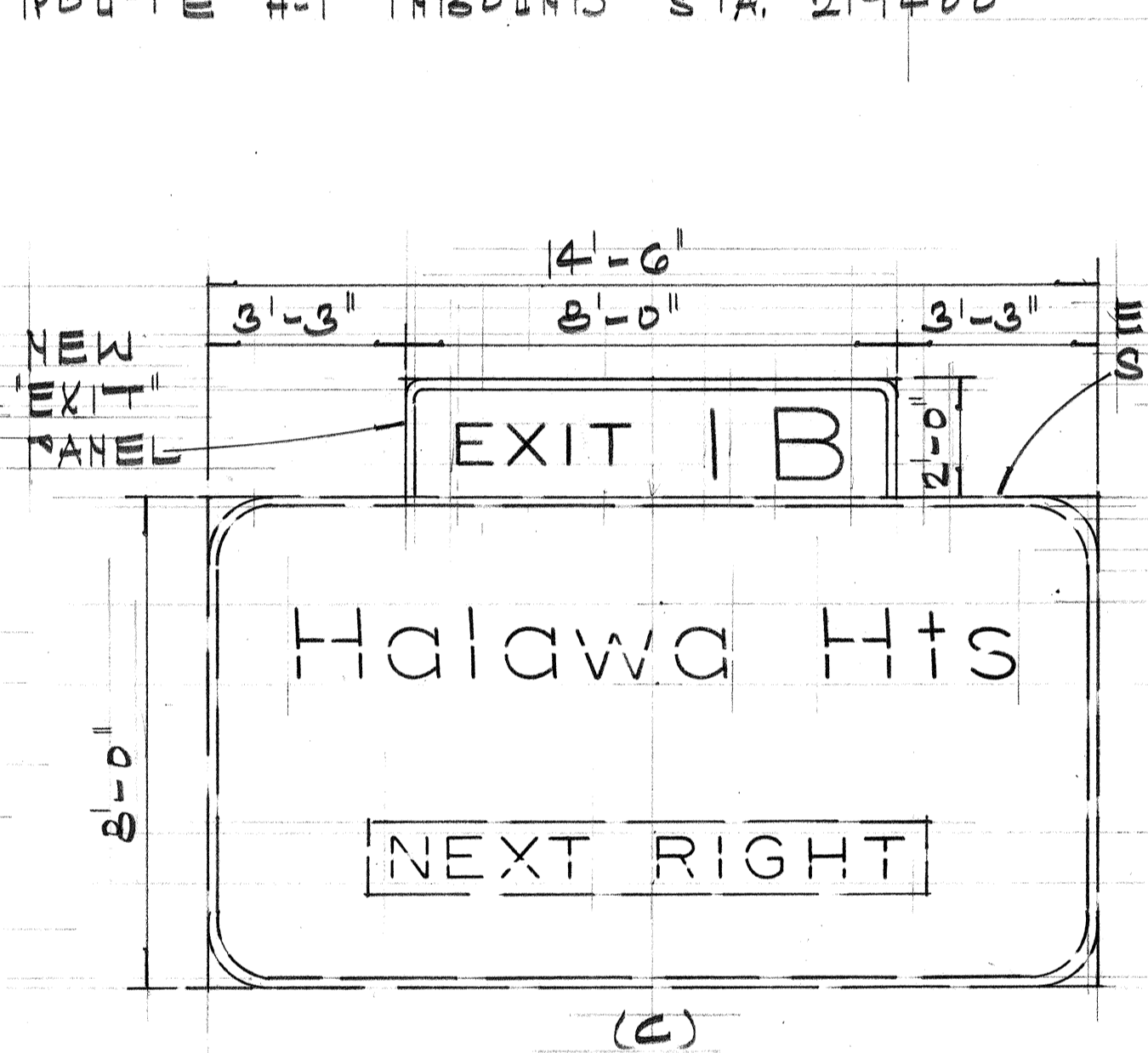
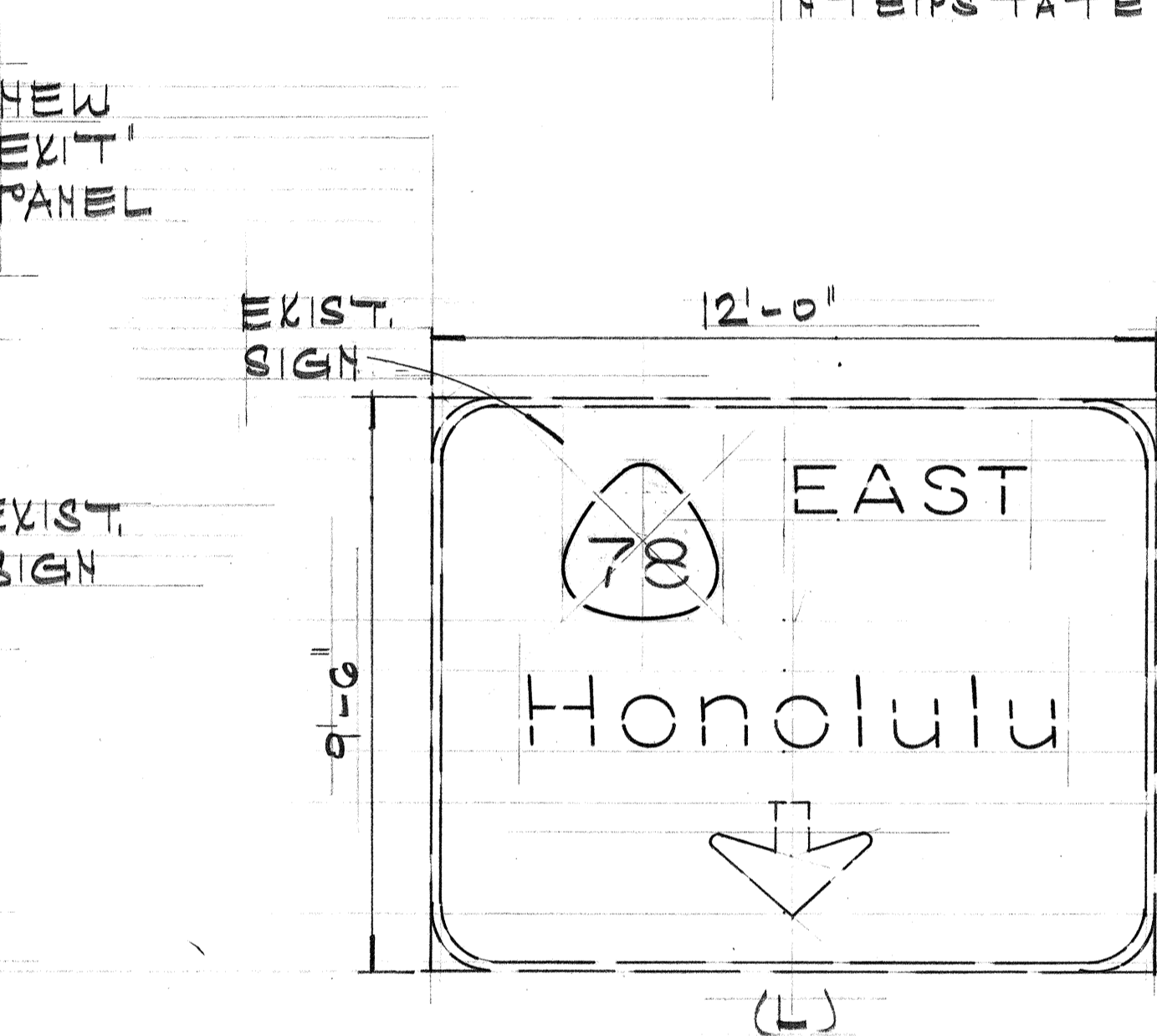
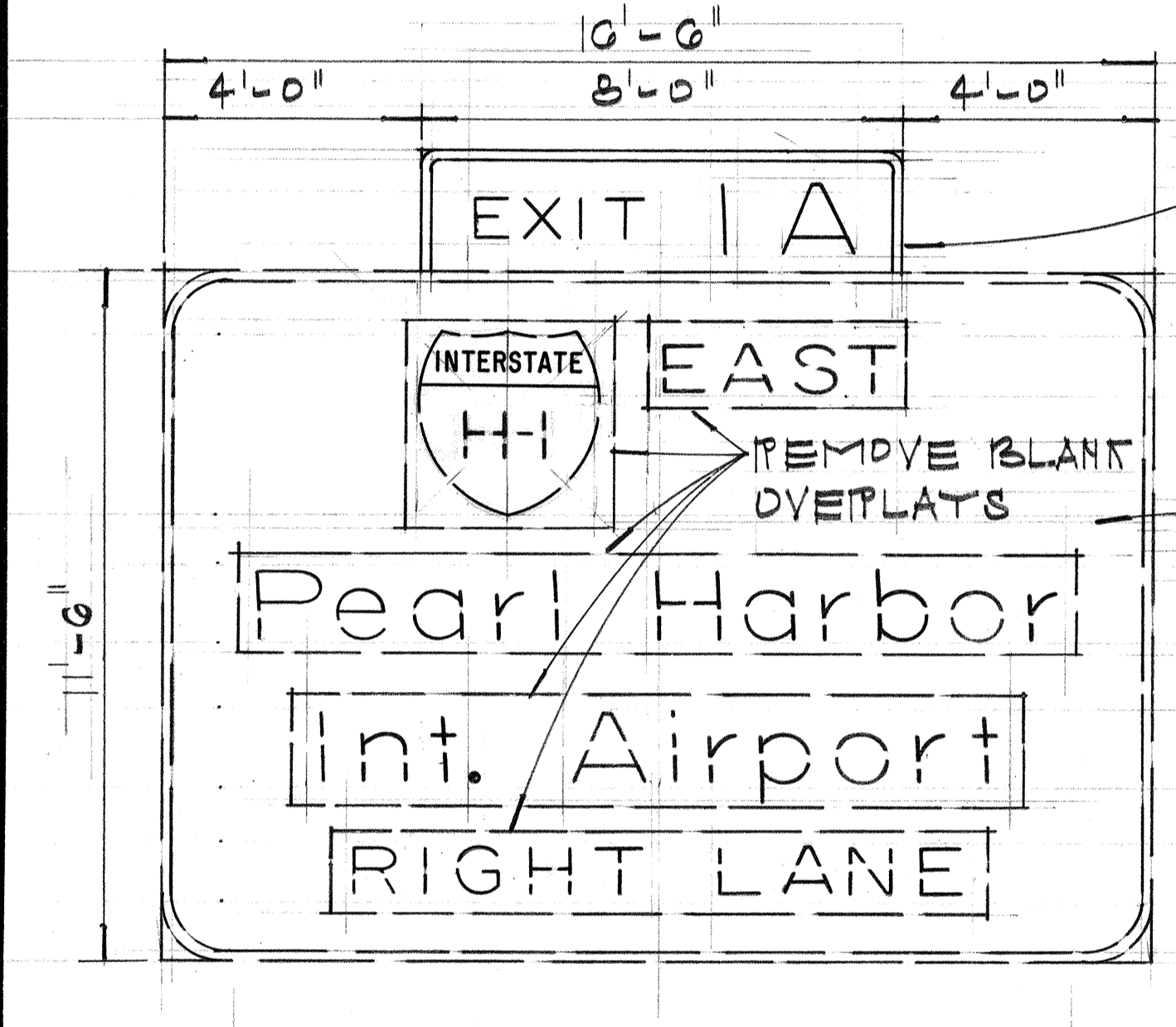
C.O. 338

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113):13	1976	39	63



SIGN ASSEMBLY E-5

INTERSTATE ROUTE #1 INBOUND STA. 219+00

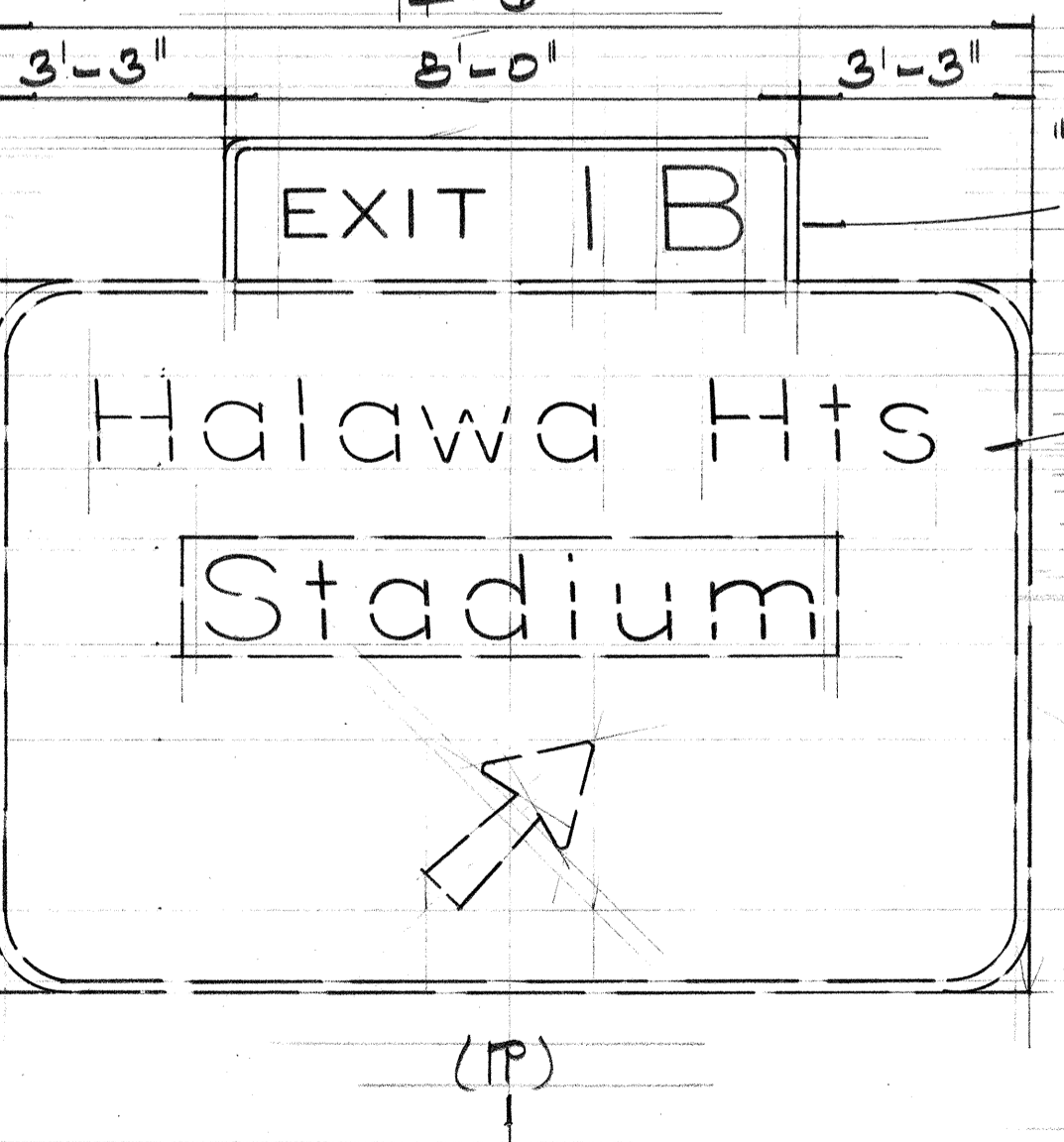
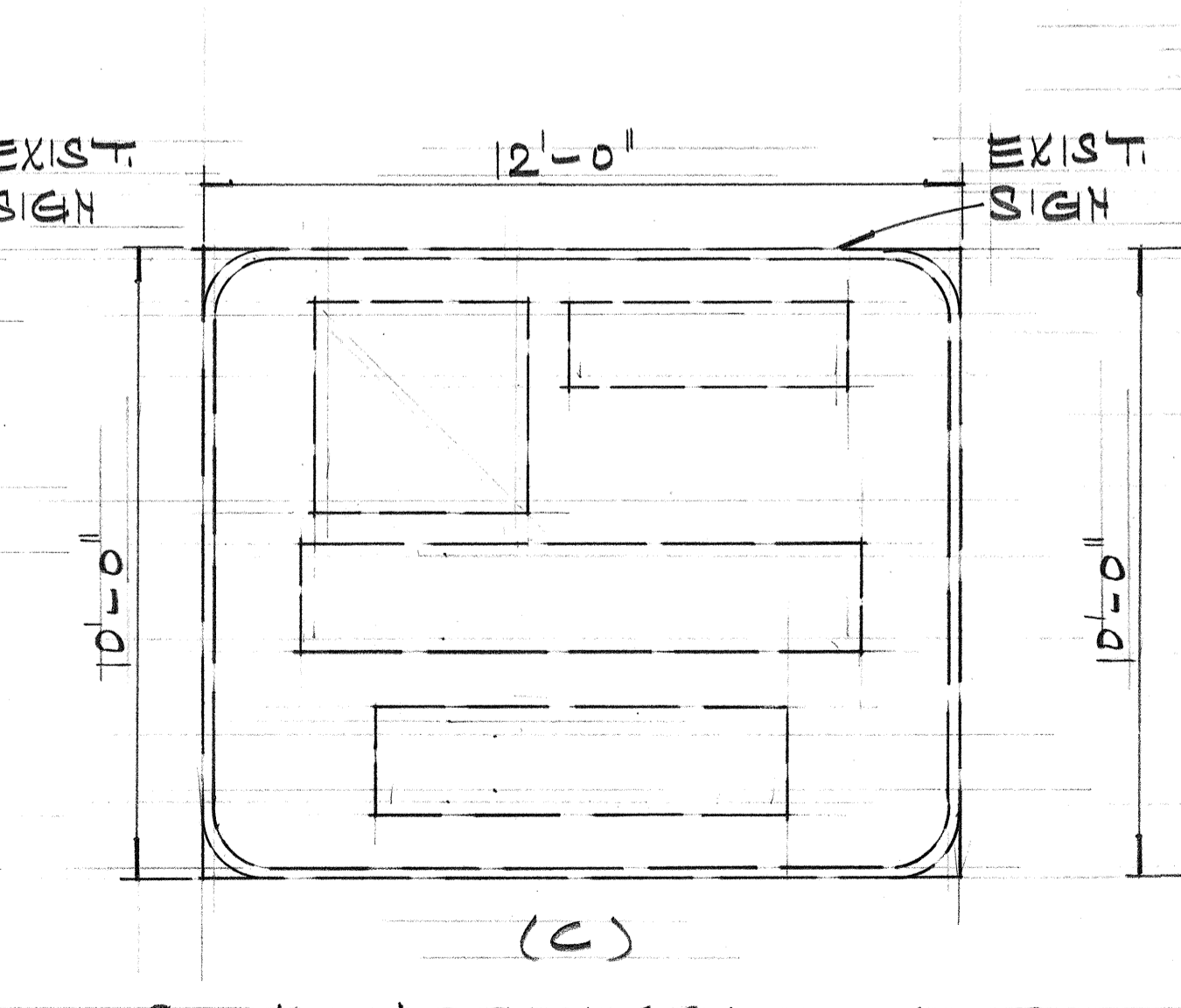
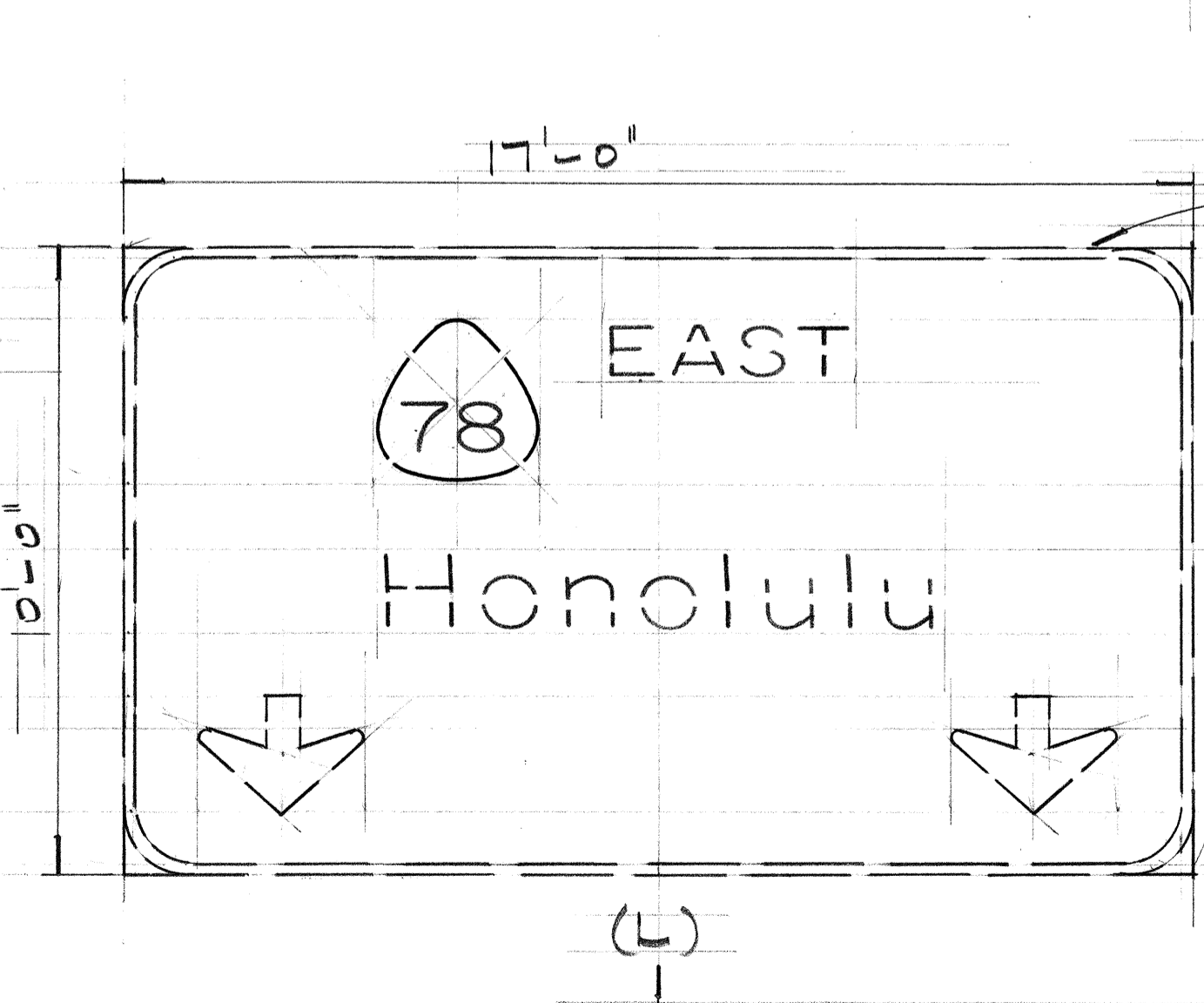
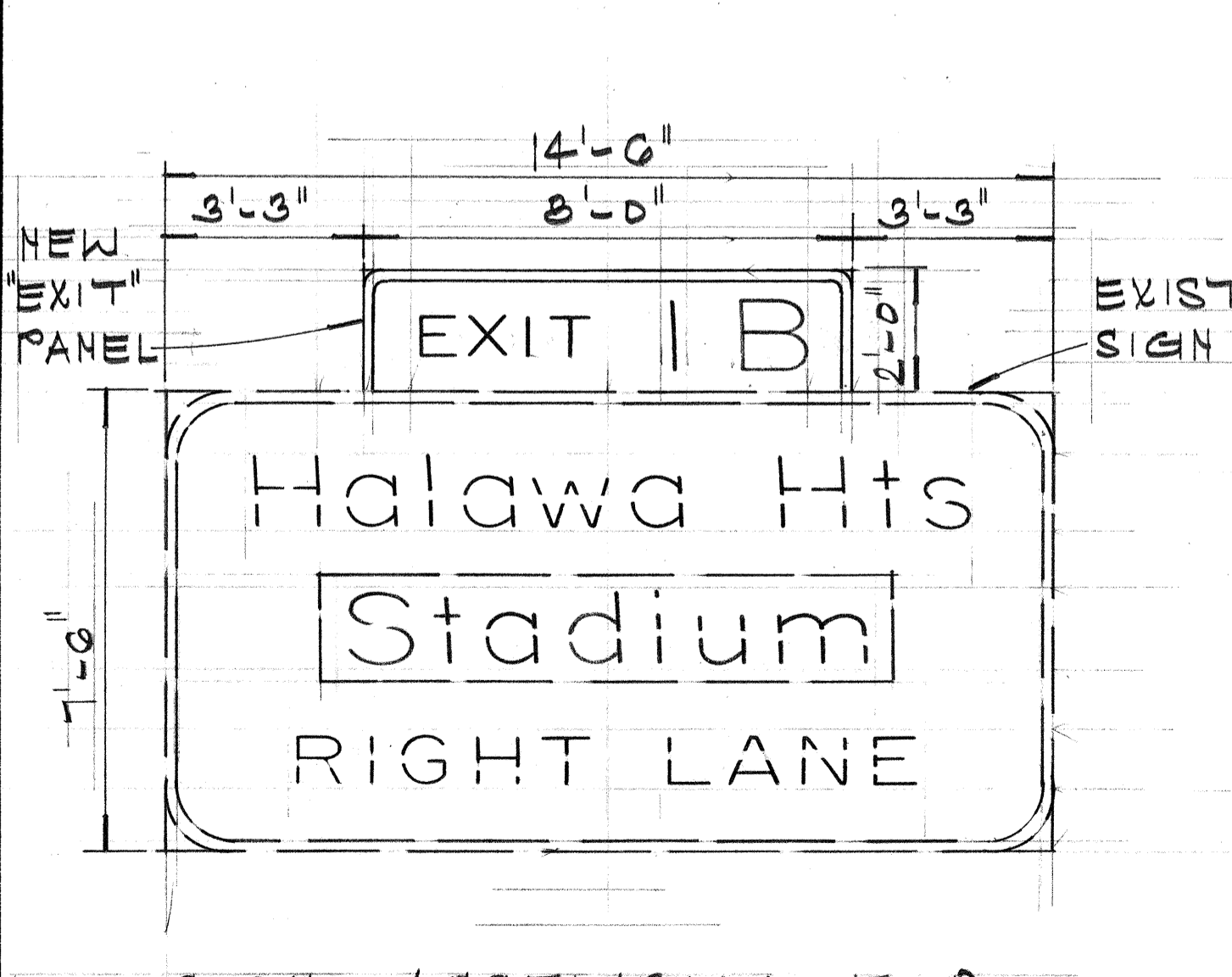


SIGN ASSEMBLY E-6

MOANALUA FREEWAY INBOUND STA. 128+10

SIGN ASSEMBLY E-7

MOANALUA FREEWAY INBOUND STA. 130+80



SIGN ASSEMBLY E-8

MOANALUA FREEWAY INBOUND STA. 150+90

SIGN ASSEMBLY E-9

MOANALUA FREEWAY INBOUND STA. 158+90

DATE	REVISION
10/18/76	REVISE SIGN E-5(L)

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

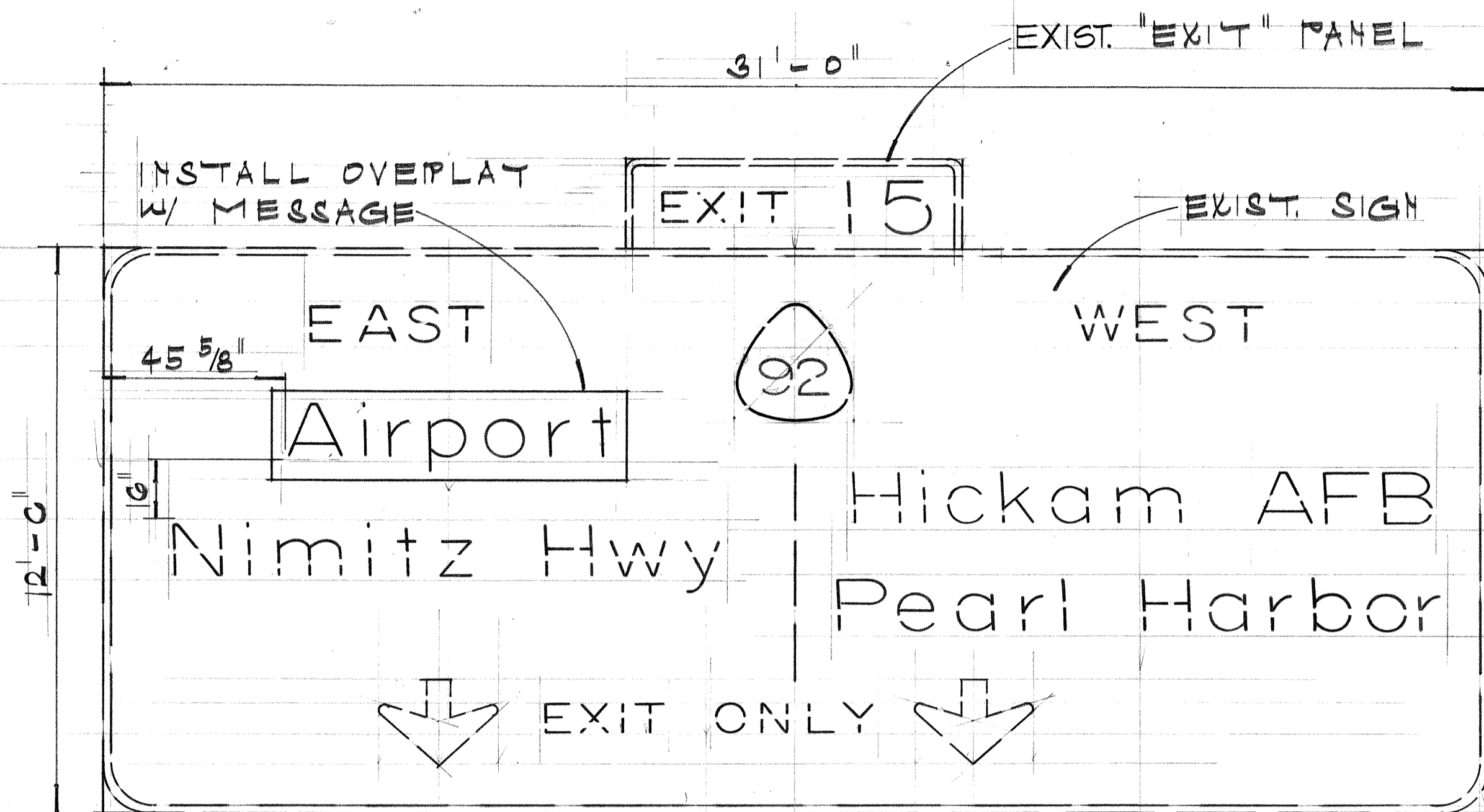
PANEL LAYOUTS

INTERSTATE ROUTE #1
FAIP NO. I-HI-1(113):13
SCALE: 3/8" = 1'-0" APRIL 1976

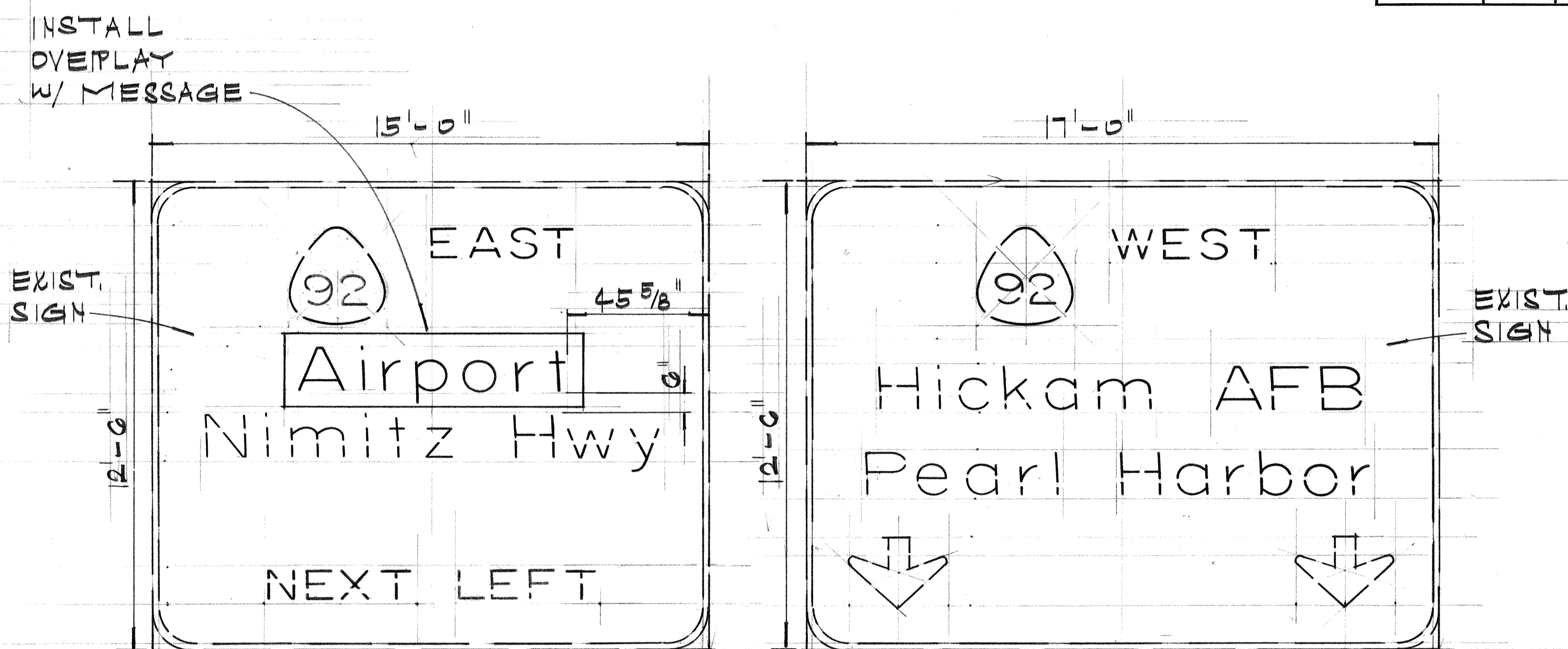
SHEET NO. 3 OF 5 SHEETS

DATE
SURVEY PLOTTED BY
DESIGNED BY
QUANTITIES BY
CHECKED BY

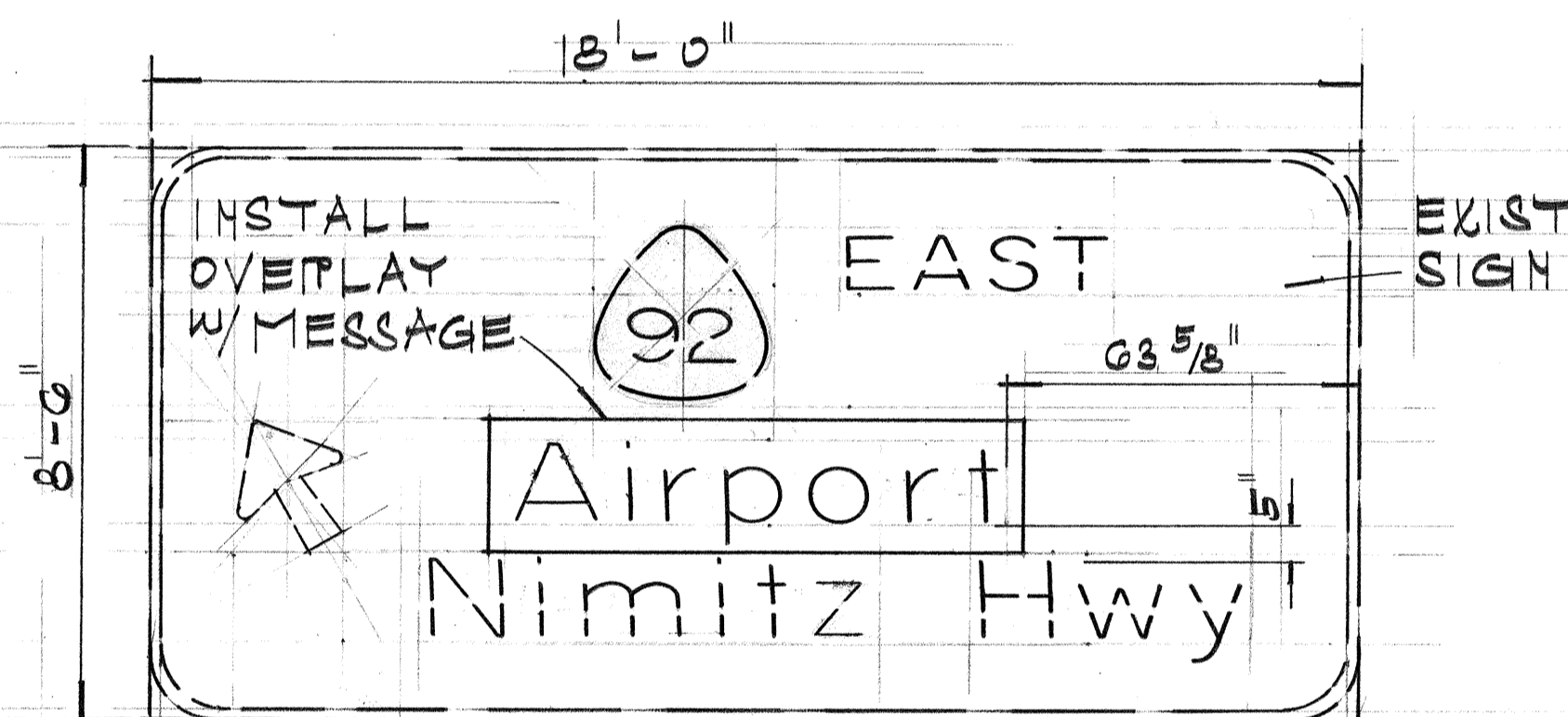
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113)13	1976	40	63



SIGN ASSEMBLY E-15
RAMP WH STA. 2+50



SIGN ASSEMBLY E-16
RAMP WH STA. 11+00



SIGN ASSEMBLY E-17
RAMP WH STA. 10+23

ORIGINAL PLAN	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

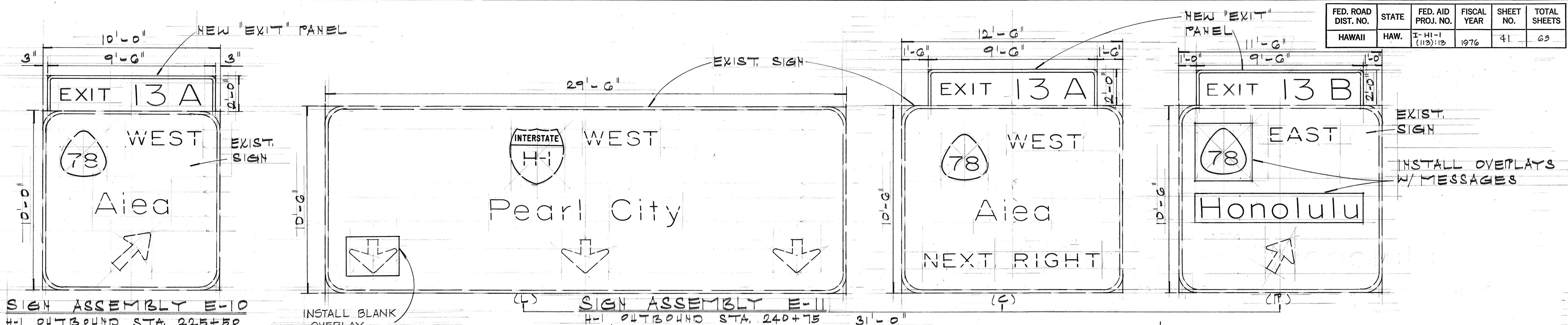
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PANEL LAYOUTS

INTERSTATE ROUTE H-1
FAIR NO. I-HI-1(113)13
SCALE: 3/8"=1'-0" APRIL 1976

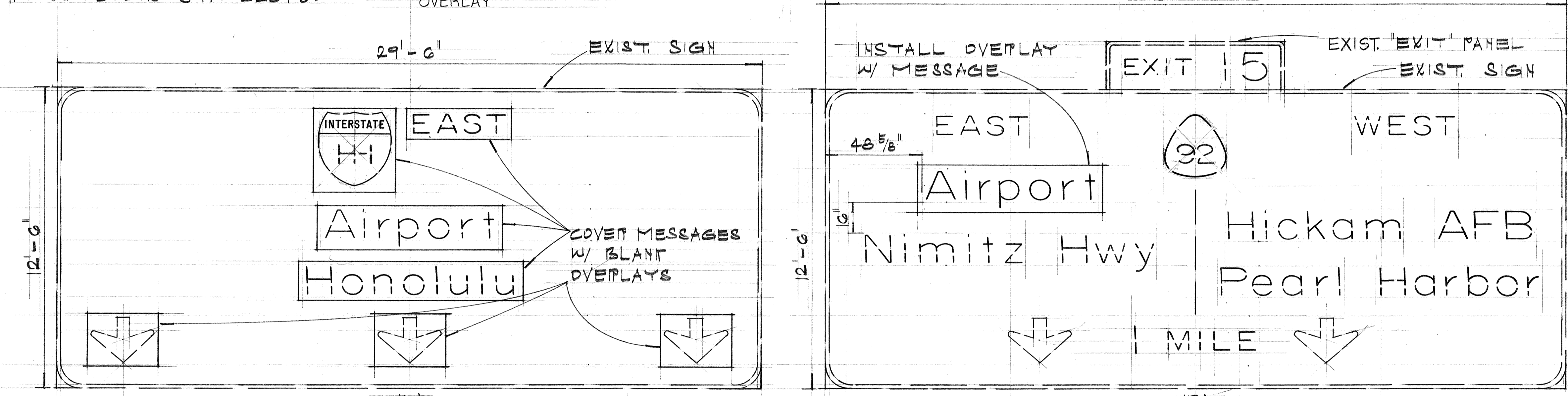
SHEET NO. 4 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113)13	1976	41	63

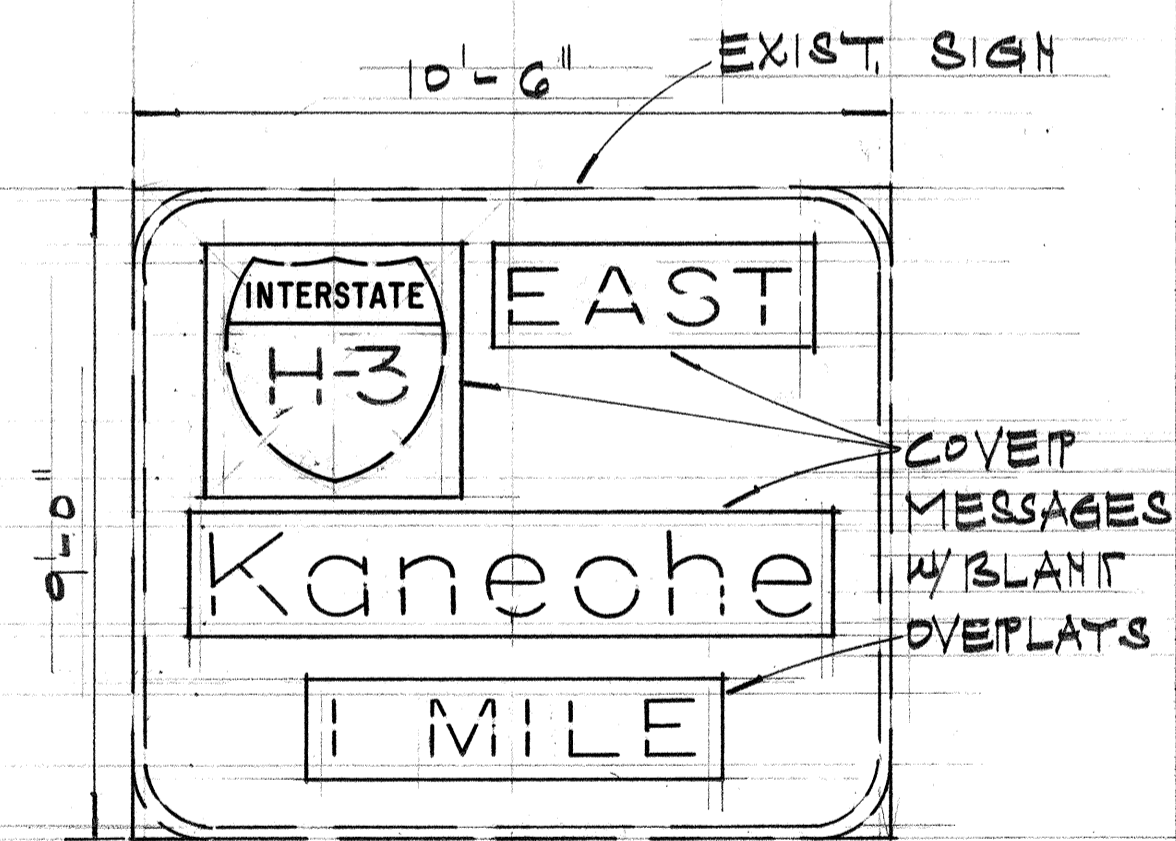


SIGN ASSEMBLY E-10
H-1 OUTBOUND STA. 225+50

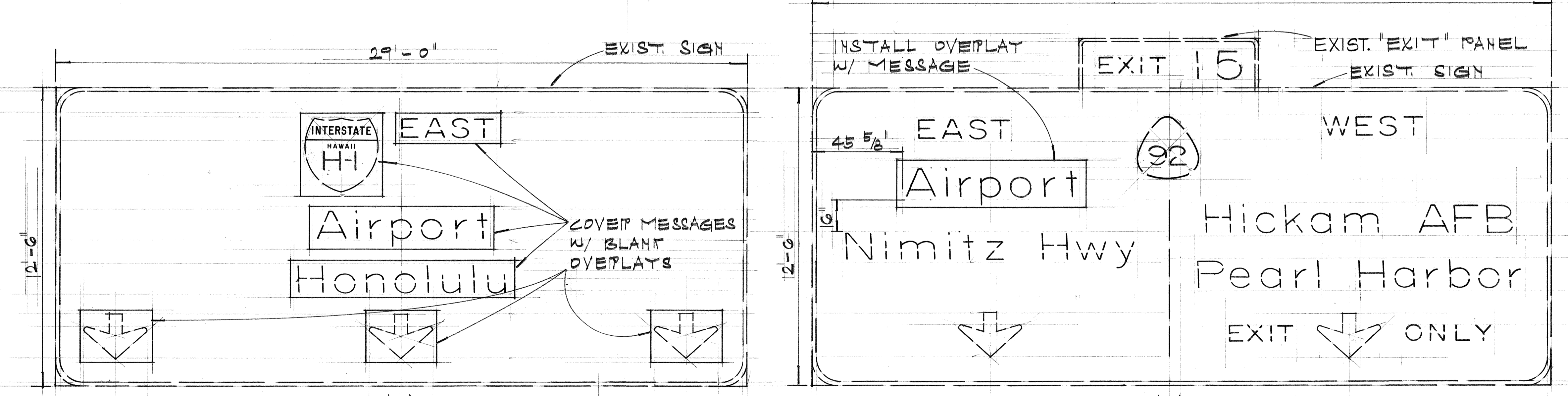
SIGN ASSEMBLY E-11
H-1 OUTBOUND STA. 240+75



SIGN ASSEMBLY E-12
H-1 INBOUND STA. 25+50



SIGN ASSEMBLY E-4
H-1 OUTBOUND STA. 59+00



SIGN ASSEMBLY E-13
H-1 INBOUND STA. 50+00

10/18/76	REVISE SIGN E-11 (L)
DATE	REVISION

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

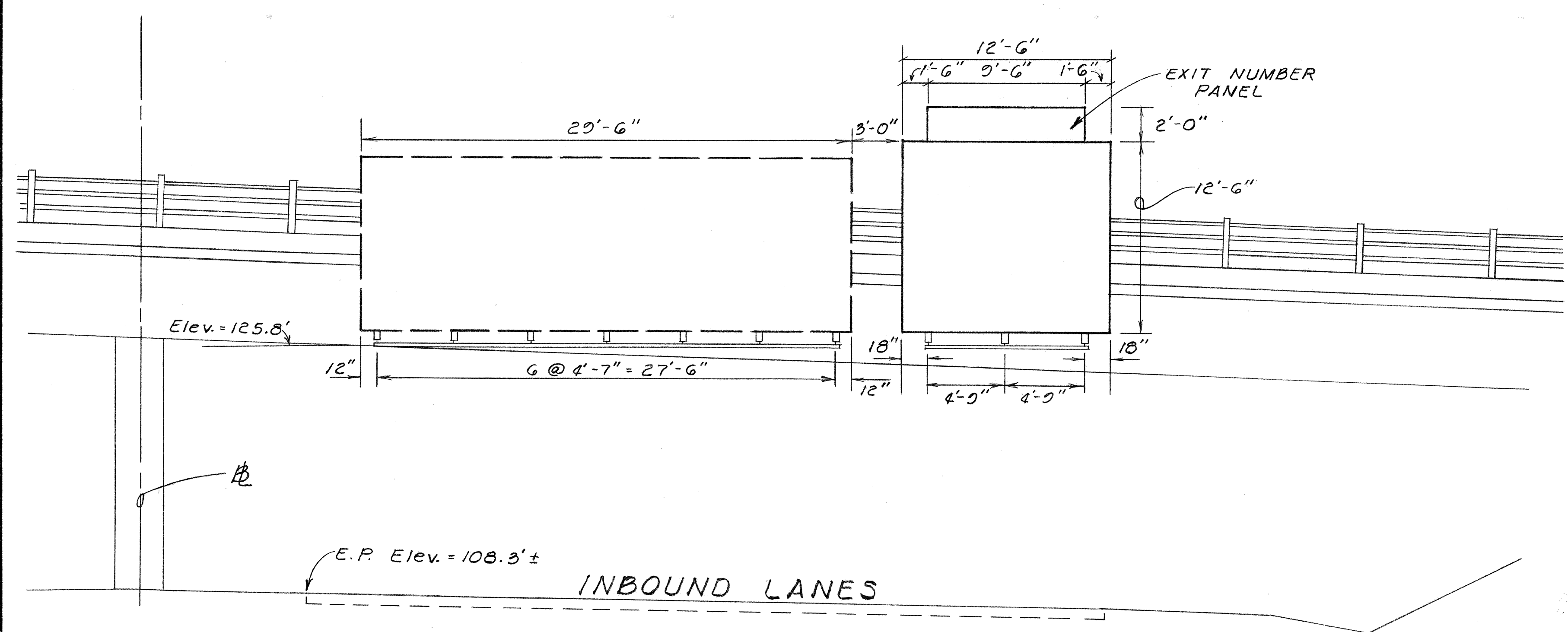
PANEL LAYOUTS

INTERSTATE ROUTE H-1
FAIP NO. I-HI-1(113)13
SCALE: 3/8" = 1'-0" APRIL 1976

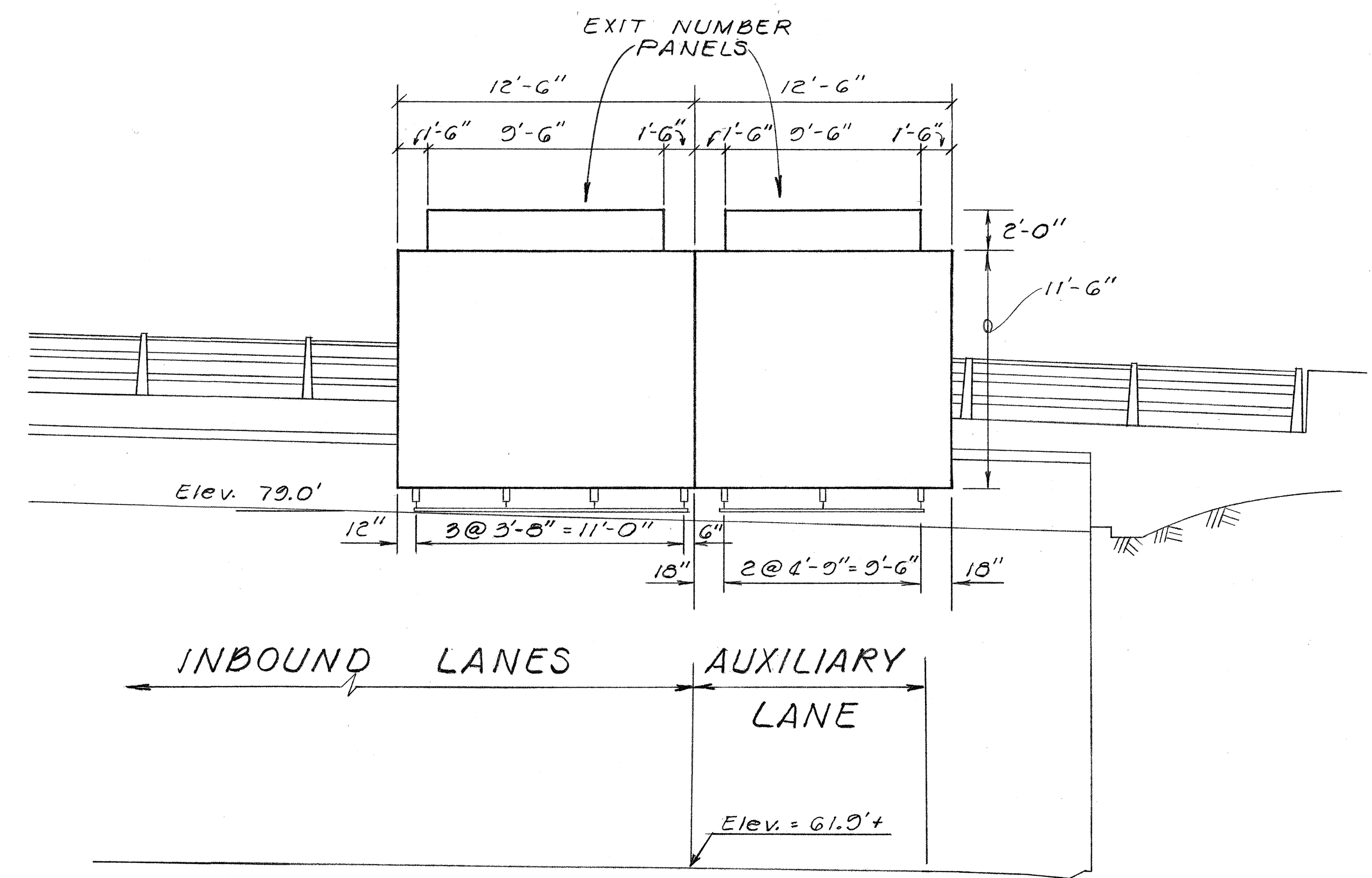
SHEET NO. 5 OF 5 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	

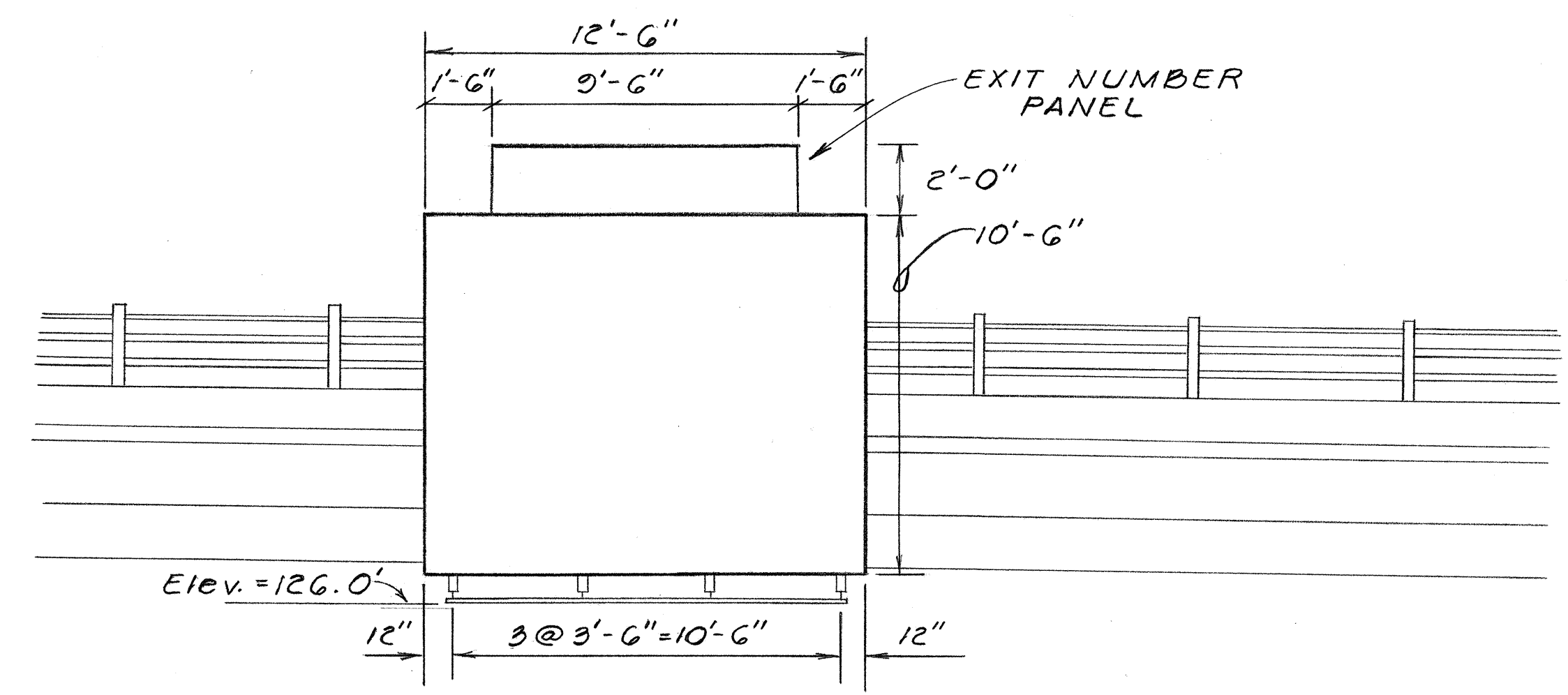
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113):13	1976	42	63



SIGN ASSEMBLY "E-1"
KAONOHI SEPARATION STRUCTURE
 Scale: 1" = 5'-0"



SIGN ASSEMBLY "E-3"
AIEA HEIGHTS SEPARATION STRUCTURE
 Not to Scale



SIGN ASSEMBLY "E-2"
KAAMILO SEPARATION STRUCTURE
 Not to Scale

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

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

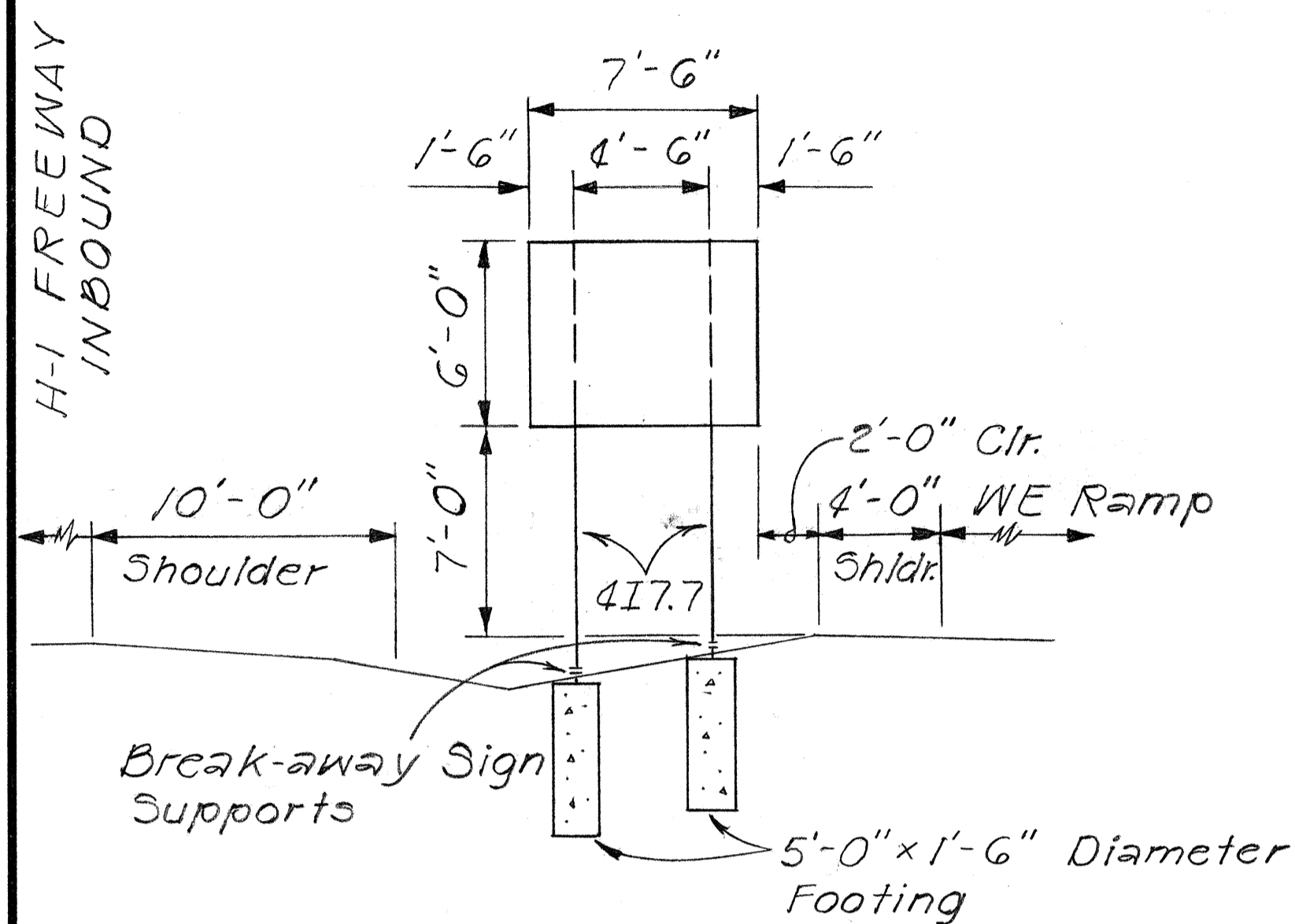
FRAME LAYOUTS

INTERSTATE ROUTE H-1
 F.A.I. Proj. No. I-HI-1 (113):13

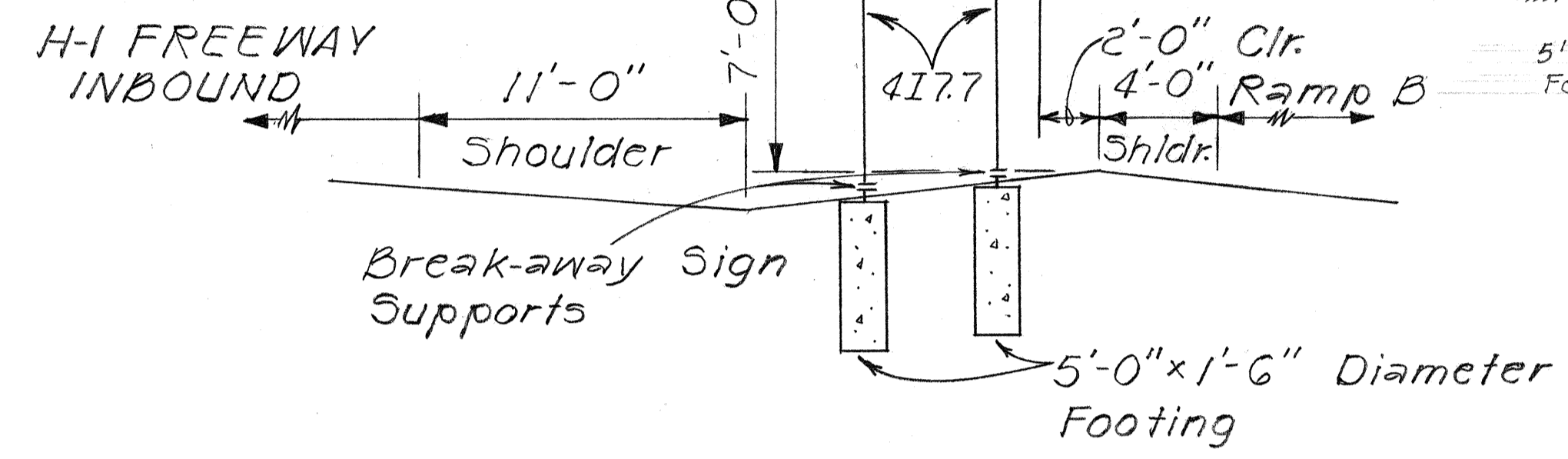
Scale: As Shown Date: April, 1976

SHEET No. 1 OF 2 SHEETS

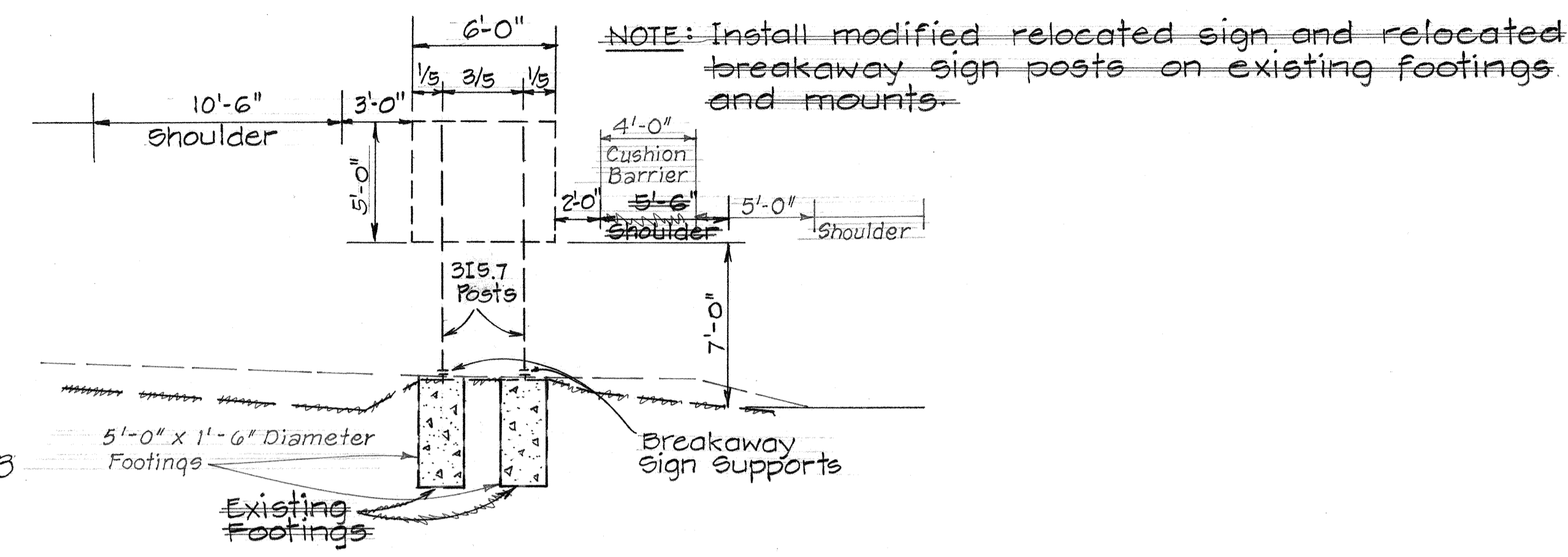
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1 (113) 13	1976	43	63



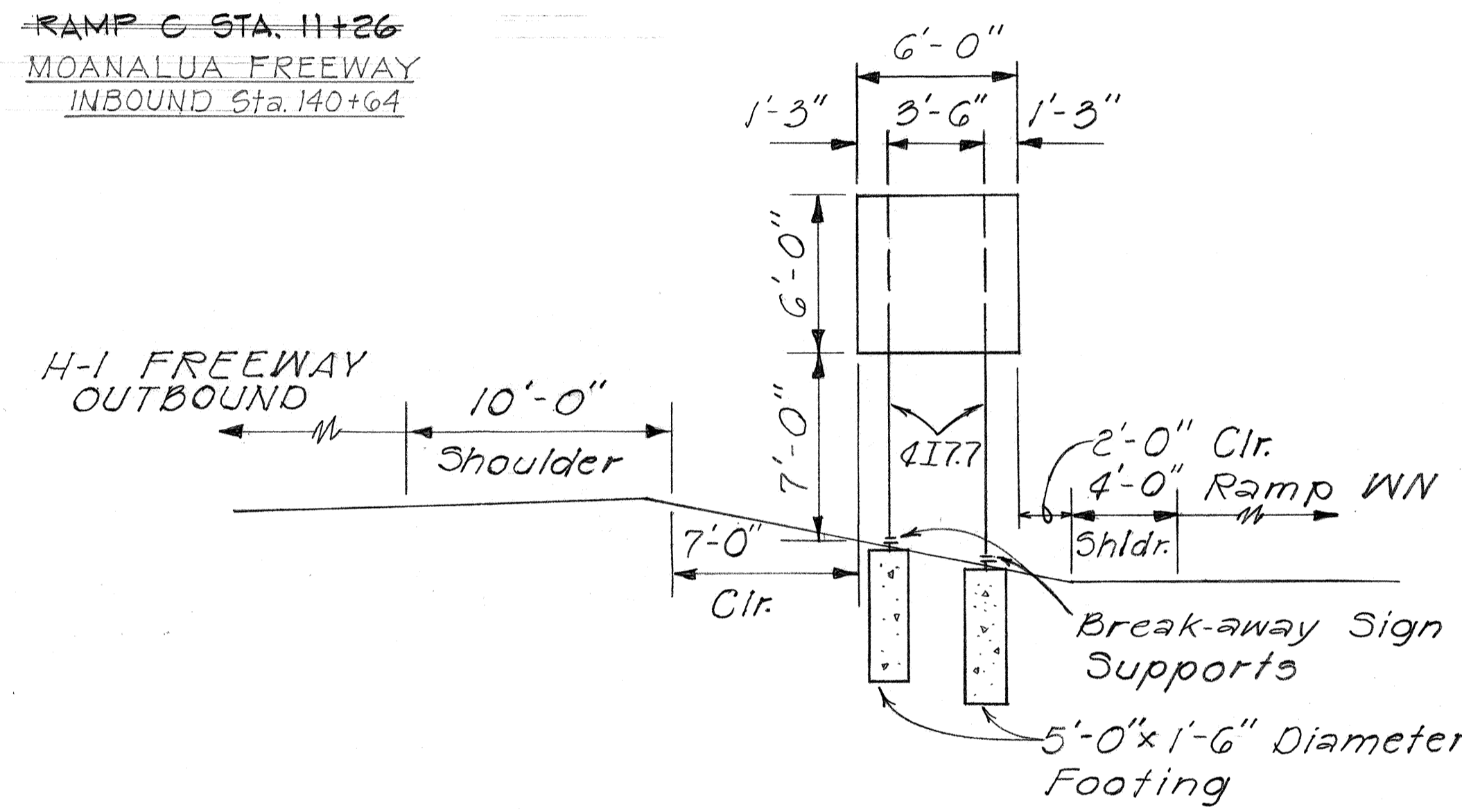
SIGN D-1
RAMP WE
STA. 205 + 50 LT



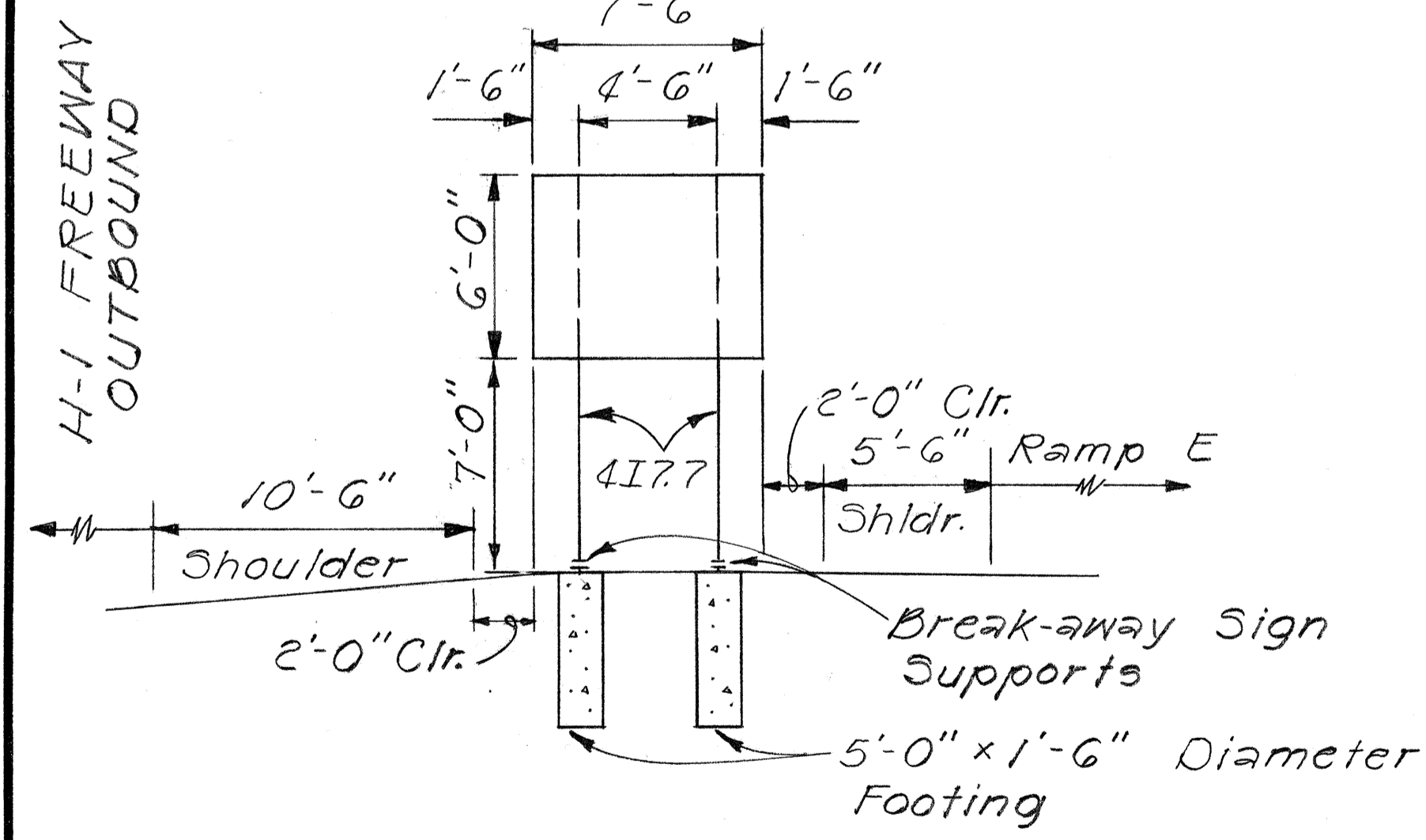
SIGN D-2
INTERSTATE ROUTE H-1
INBOUND STA. 223 + 75



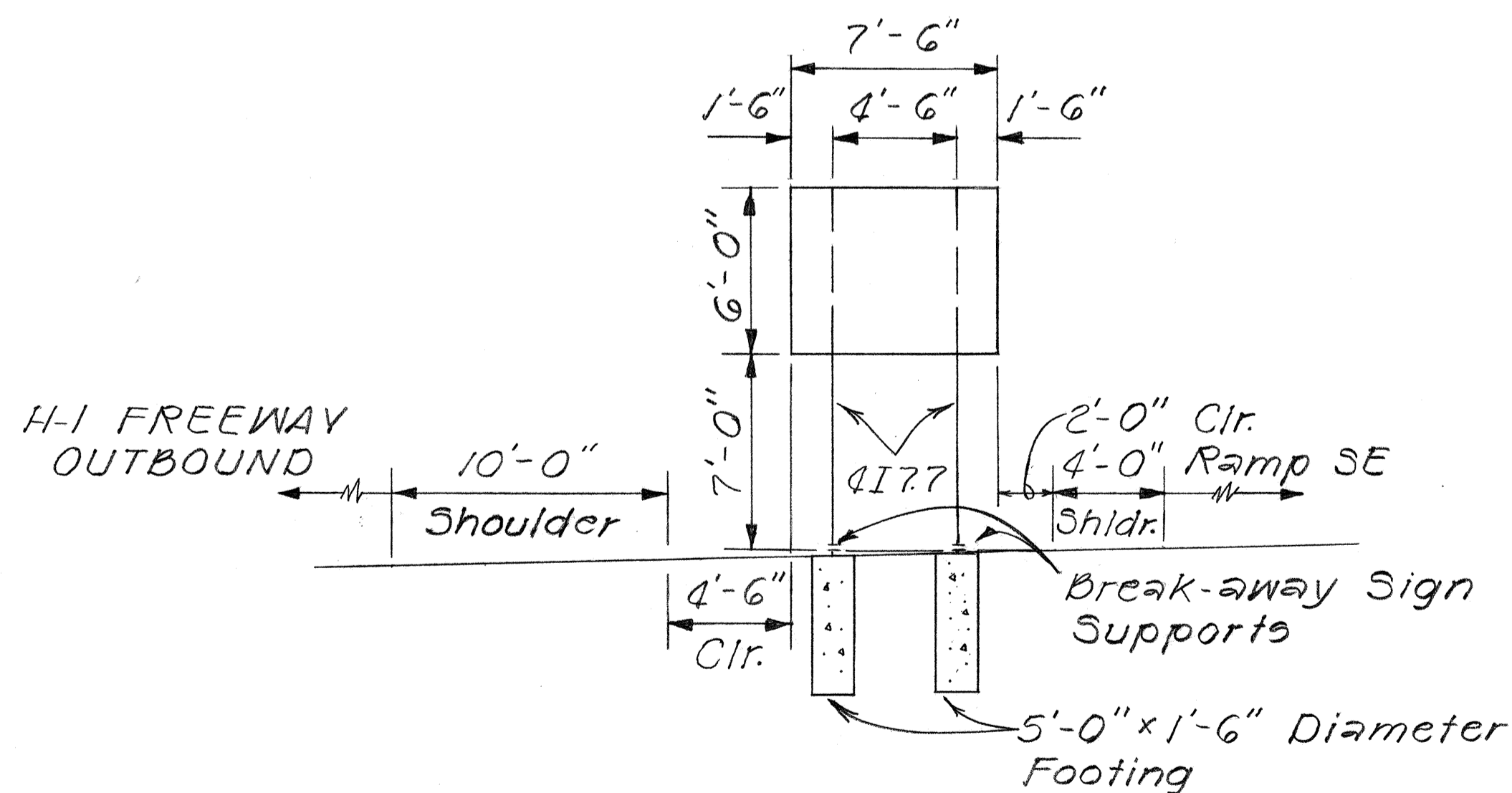
SIGN D-3
RAMP C STA. 11+26
MOANALUA FREEWAY
INBOUND STA. 140+64



SIGN D-7
INTERSTATE ROUTE H-1
INBOUND STA. 78 + 00



SIGN D-5
INTERSTATE ROUTE H-1
OUTBOUND STA. 220 + 40



SIGN D-6
INTERSTATE ROUTE H-1
OUTBOUND STA. 236 + 50

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

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FRAME LAYOUTS

INTERSTATE ROUTE H-1
F.A.I. Proj. No. I-HI-1(113):13

Scale: 1" = 5' Date: April, 1976

SHEET No. 2 OF 2 SHEETS