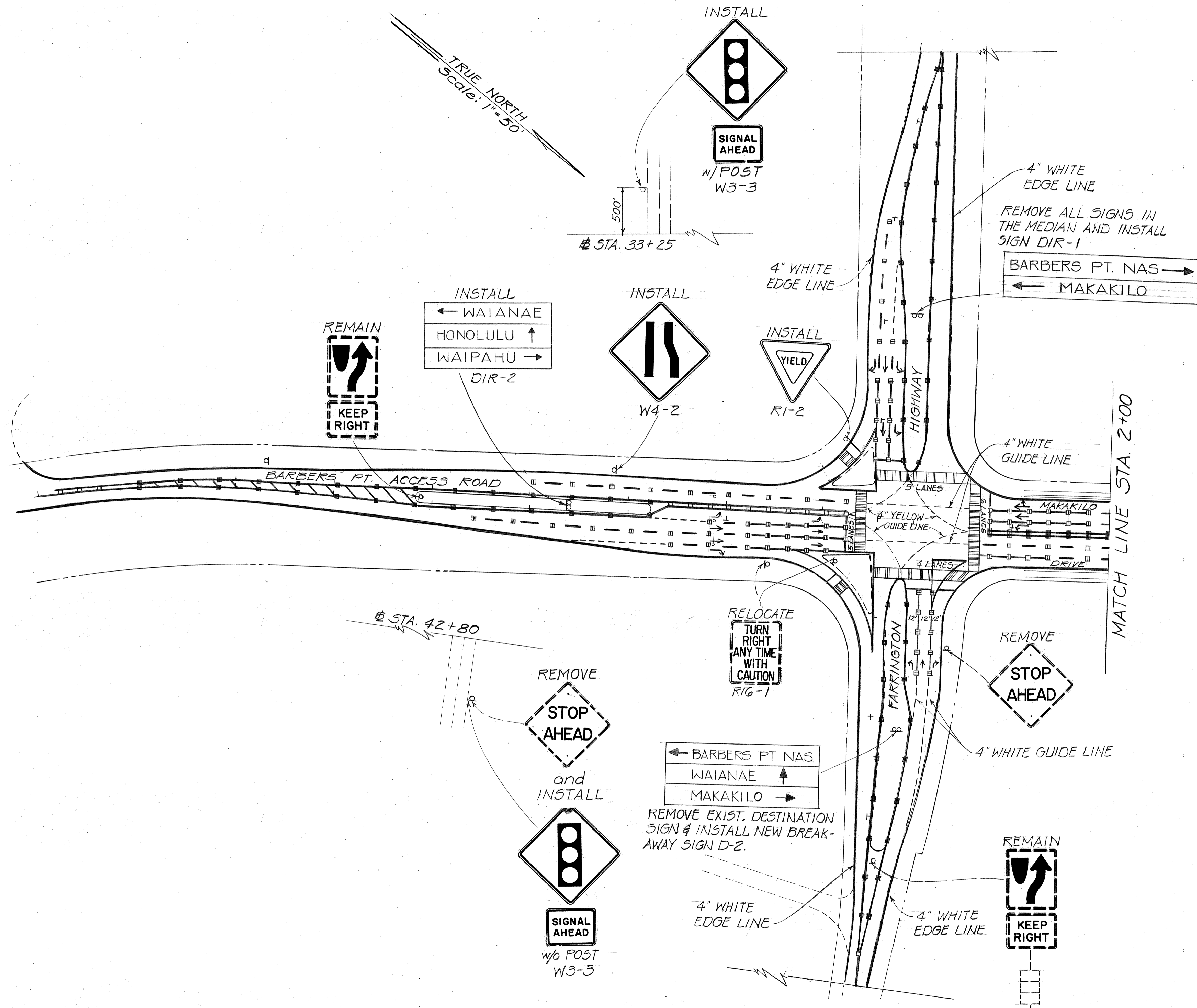


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(133):1	1980	61	131



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

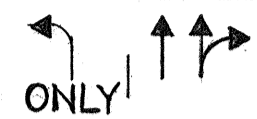
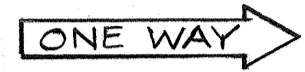
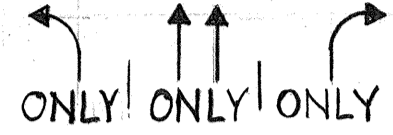



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
LAND TRANSPORTATION FACILITIES DIVISION

**SIGNINGS &
PAVEMENT MARKINGS**

WIDENING MAKAKILO DRIVE
PROJ. NO. I-HI-1(133):1












SCALE: 1"=50' DATE: AUGUST 1979
SHEET No. 1 OF 5 SHEETS

TRAFFIC SIGN SUMMARY

TYPE	DESCRIPTION	QUANTITY	
		w/POST(S)	w/o POST(S)
R1-2	YIELD	1	
R3-13(L)		2	
R6-1(R)			1
R3-50		1	
W3-3		1	1
W4-2		1	
*D9-1(L)			1
*SP-1	1000 FT		1
D10-1	MILE 1-38 (Milepost Marker)	2	
D10-7	901 (Hwy. Route Marker Plate)		2

* D9-1(L) and SP-1 to be paid under item no. G21.5000.

PAVEMENT MARKING LEGEND

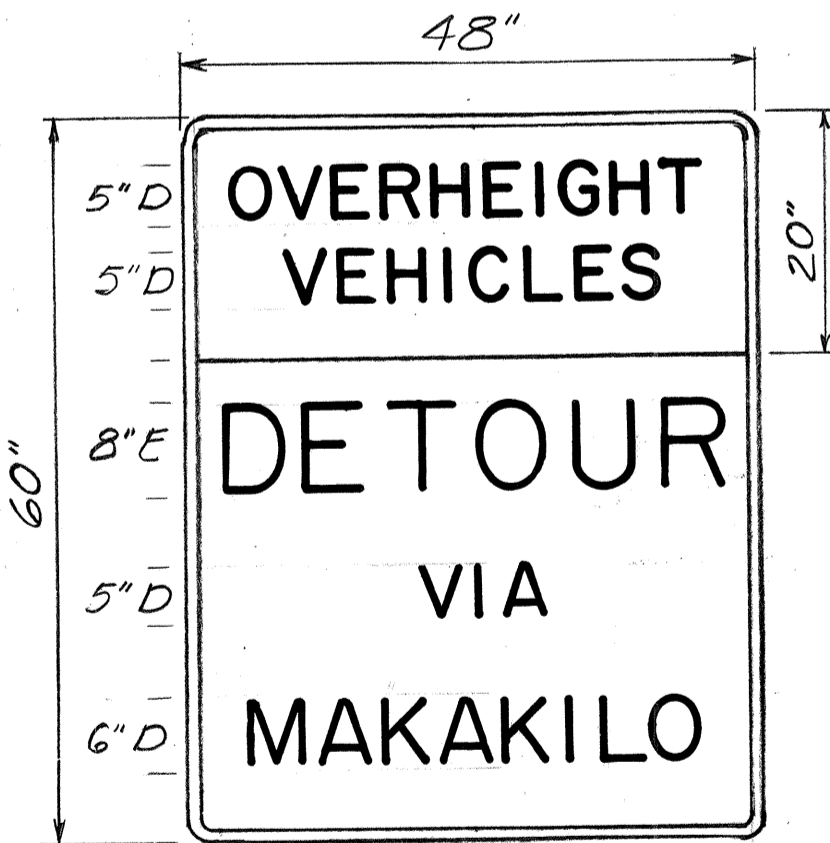
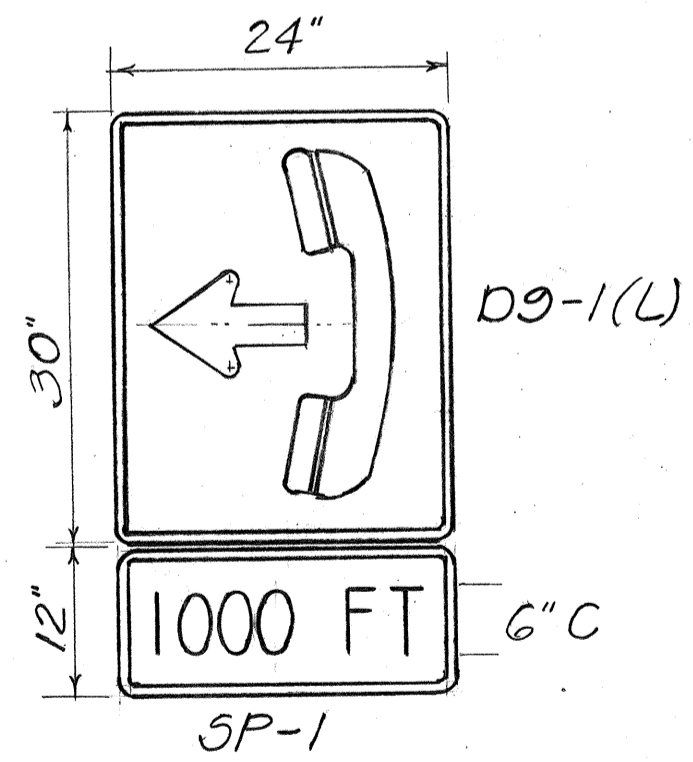
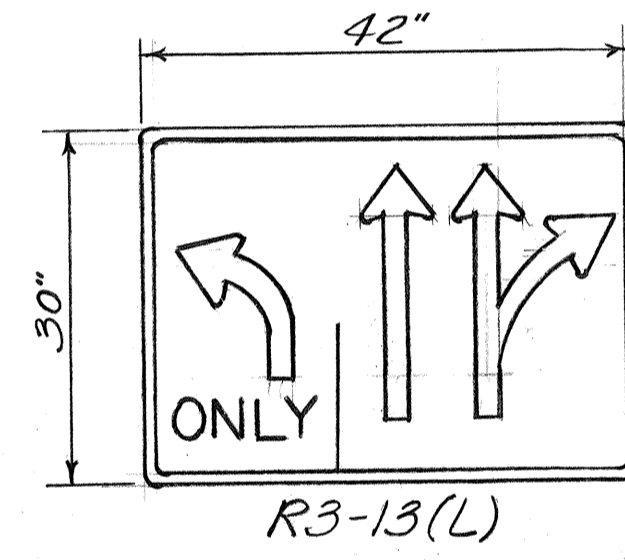
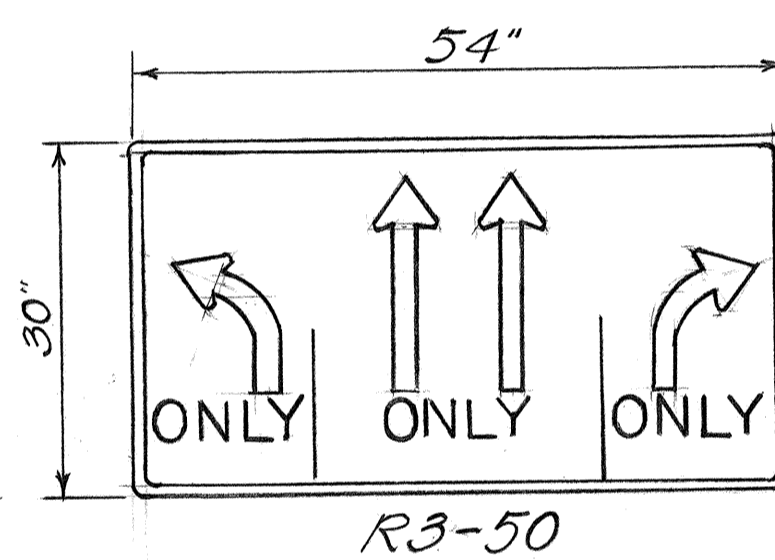
-  4 EACH TYPE "A" RAISED PAVEMENT MARKERS
-  TYPE "C" RAISED PAVEMENT MARKER
-  TYPE "D" RAISED PAVEMENT MARKER
-  TYPE "H" RAISED PAVEMENT MARKER
-  8" WHITE CHANNELING LINE w/TYPE "C" MARKERS 20'-0" o.c.
-  4" YELLOW STRIPE w/TYPE "H" MARKERS 20'-0" o.c.
-  TRANSVERSE MEDIAN MARKING (SEE PLAN SHT. #95)
-  4" EDGE STRIPE (COLOR & LIMITS AS SHOWN ON LAYOUTS & STANDARD DETAILS).
-  CROSSWALK & STOP LINE. ALL STOP LINES 10'-0" FROM CROSSWALKS UNLESS OTHERWISE SHOWN.
-  PAVEMENT ARROW
-  PAVEMENT WORD

GENERAL NOTES

- EXISTING PAVEMENT MARKINGS NOT INCORPORATED IN THE FINAL TRAFFIC PATTERN SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ALL COSTS SHALL BE INCIDENTAL TO THE CONTRACT ITEM NO. G29, "PAVEMENT STRIPING, MARKING & MARKERS."
- FOR ADDITIONAL PAVEMENT MARKING DETAILS & LEGEND, SEE PLAN SHTS 300, 302, 304 & 306.
- ALL REGULATORY & WARNING SIGNS SHALL HAVE A MINIMUM 7'-0" MOUNTING HEIGHT. FOR DETAILS SEE PLAN SHT #79.
- EXISTING SIGNS w/POST NOT INCORPORATED IN THE FINAL SIGNING PATTERN SHALL BE REMOVED AS DIRECTED BY THE ENGINEER. ALL COSTS SHALL BE INCIDENTAL TO THE CONTRACT ITEM G21, "DESTINATION, DIRECTIONAL, REGULATORY & WARNING SIGNS."

PAVEMENT MARKING SUMMARY

DESCRIPTION	QUANTITY
TYPE "A" PAVEMENT MARKERS	716 EACH
TYPE "C" PAVEMENT MARKERS	277 EACH
TYPE "D" PAVEMENT MARKERS	14 EACH
TYPE "H" PAVEMENT MARKERS	216 EACH
PAVEMENT STRIPING	21,000 L.F.
PAVEMENT ARROWS	39 EACH
CROSSWALK MARKINGS	24 LANES
PAVEMENT WORDS	5 EACH



CW12-3(1B) = 8"E EXIT 1B 10"E
 CW12-3(2) = 8"E EXIT 2 10"E

MISCELLANEOUS SIGNS

- NOTE: NOT TO SCALE
- ALL SIGNS SHOWN ABOVE SHALL CONFORM TO PLANS & SPECIFICATIONS FOR REGULATORY & WARNING SIGNS, EXCEPT WHERE NOTED.
 - SIGNS R3-13(L) & R3-50 ARE VARIATIONS OF SIGN R3-8. PLATE & ARROW DETAILS SHALL CONFORM TO SIGN R3-8.

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

MISCELLANEOUS
 DETAILS

WIDENING MAKAKILO DRIVE
 PROJECT NO. I-HI-1(139)-1

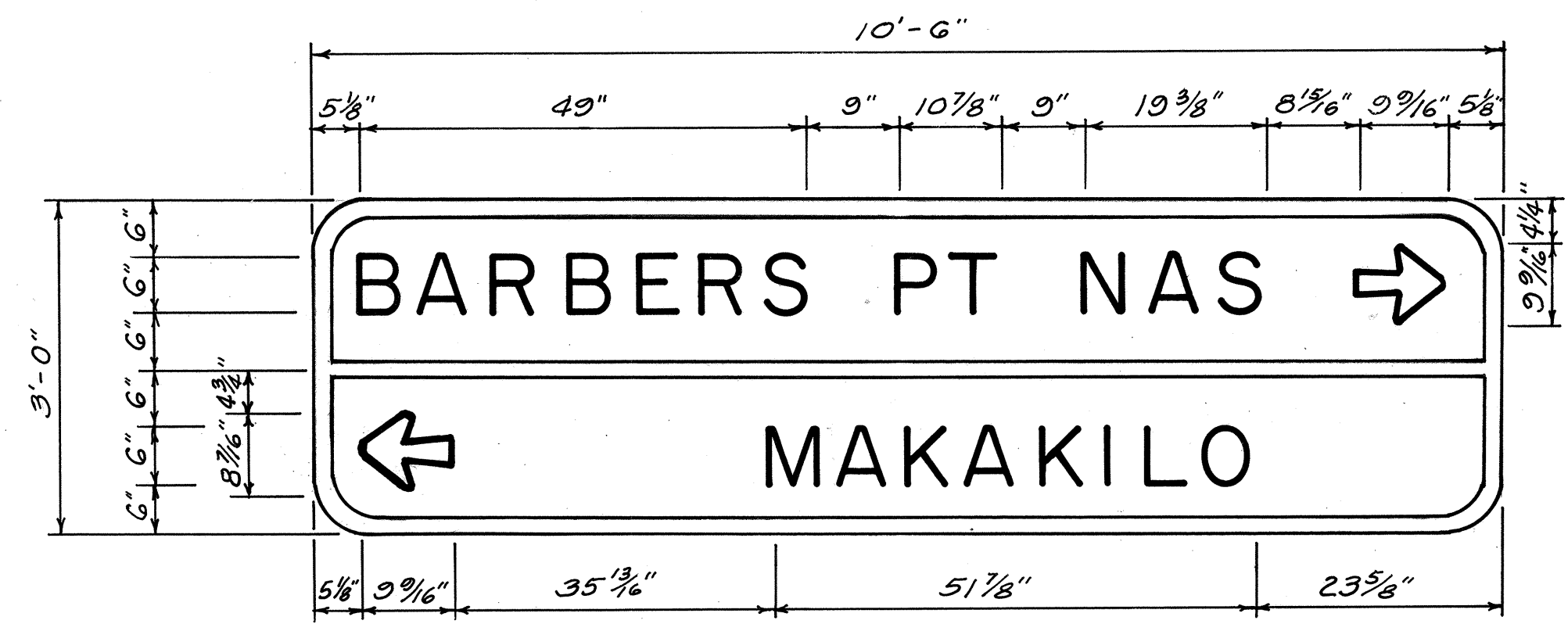
Scale: As Shown Date: August 1979
 SHEET No. 3 OF 5 SHEETS

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

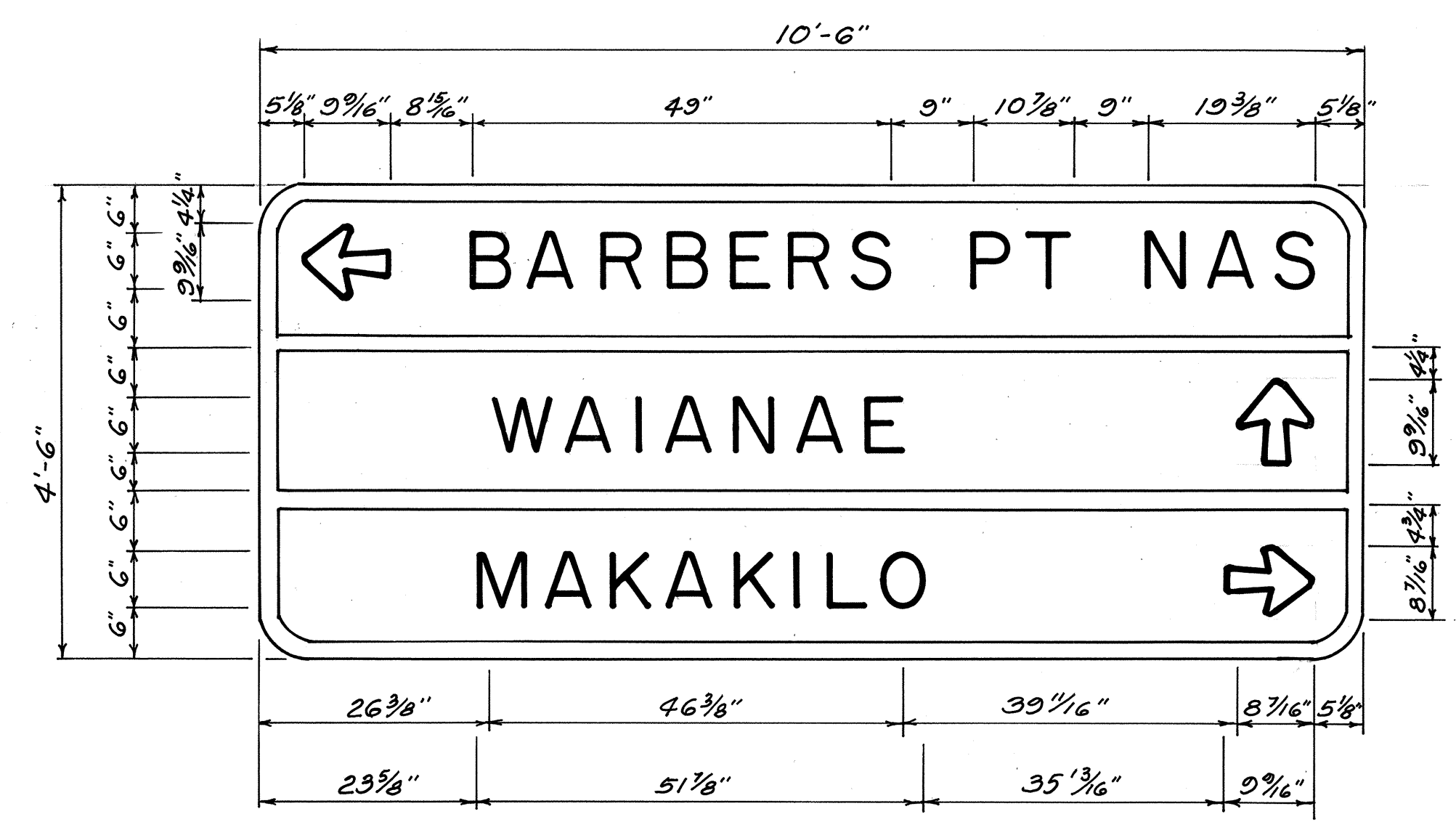
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-HI-1(133):1	1980	64	131

GENERAL NOTES

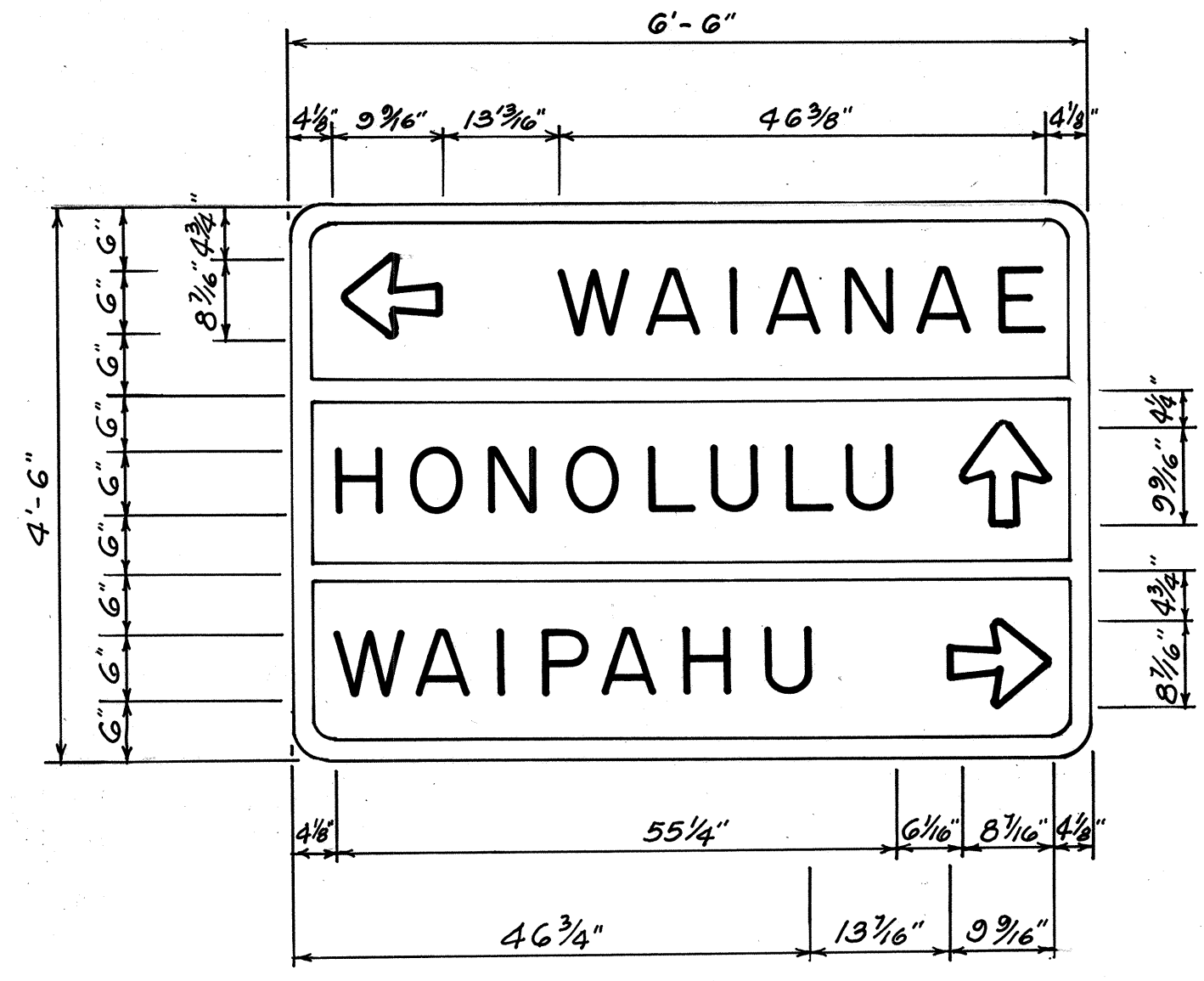
- Destination ("D") and Directional ("DIR") Signs shall conform to the latest FHWA Publications "Manual on Uniform Traffic Control Devices for Streets & Highways" and Standard Alphabets for Highway Signs.
- Sign Legend shall be:
 Letters: Series "E"
 Color: Letters, Borders, Arrows } White Reflective Sheeting on demountable Aluminum Cut-Outs fastened to Sign Panel w/Aluminum Blind Rivets.
 Background) Green Reflective Sheeting
 Sign Panel) 0.100" thick Sheet Aluminum for "DIR" Signs and Laminated Aluminum (Sht. DT 206) or Extruded Aluminum (Sht. DT 207) for "D" Signs.
- If Splicing is necessary for "DIR" Signs, Contractor shall submit Splice Details to Engineer for Approval.
- All Signs shall have 2" Borders. Area outside corner radius need not be trimmed.



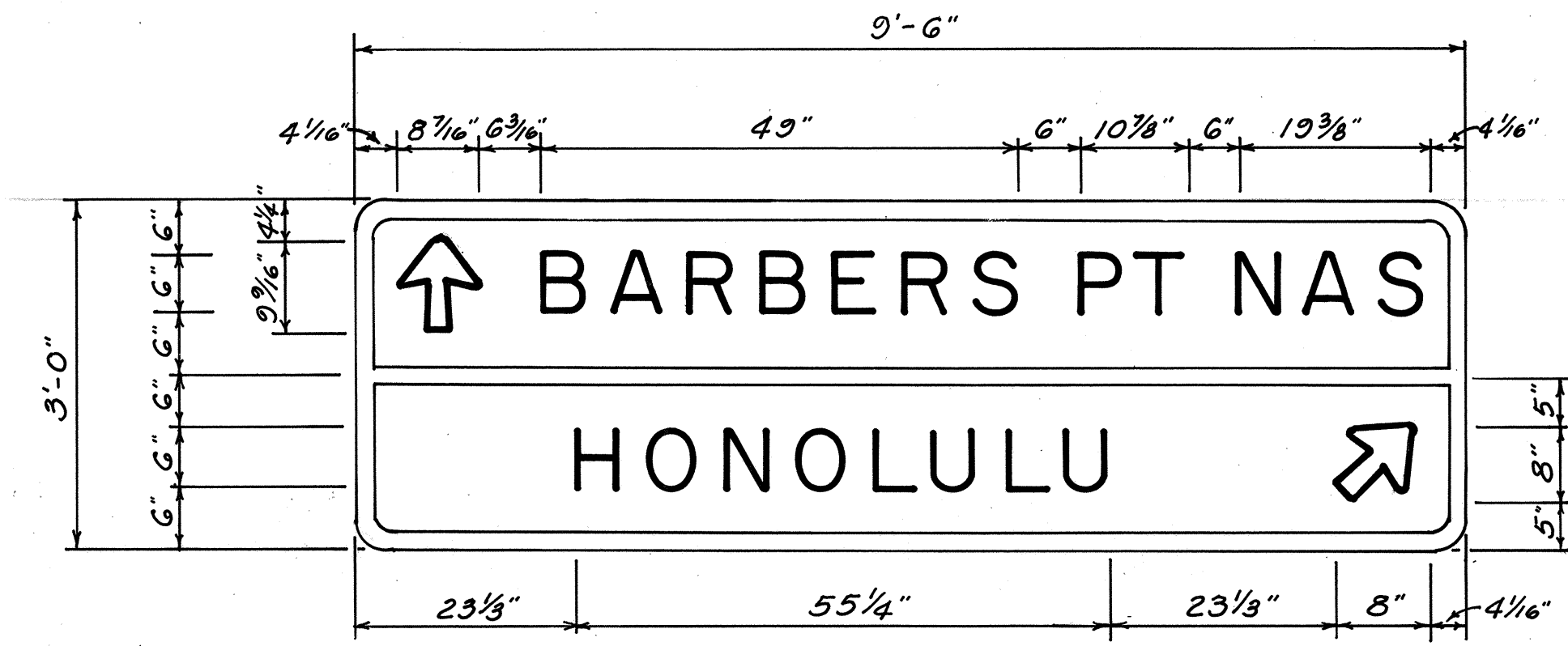
SIGN DIR-1



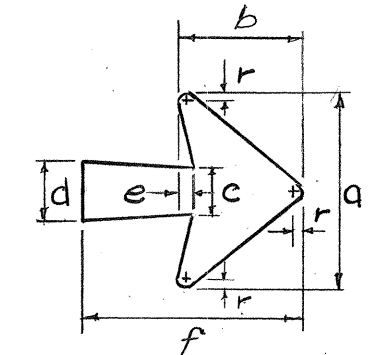
SIGN D-2



SIGN DIR-2

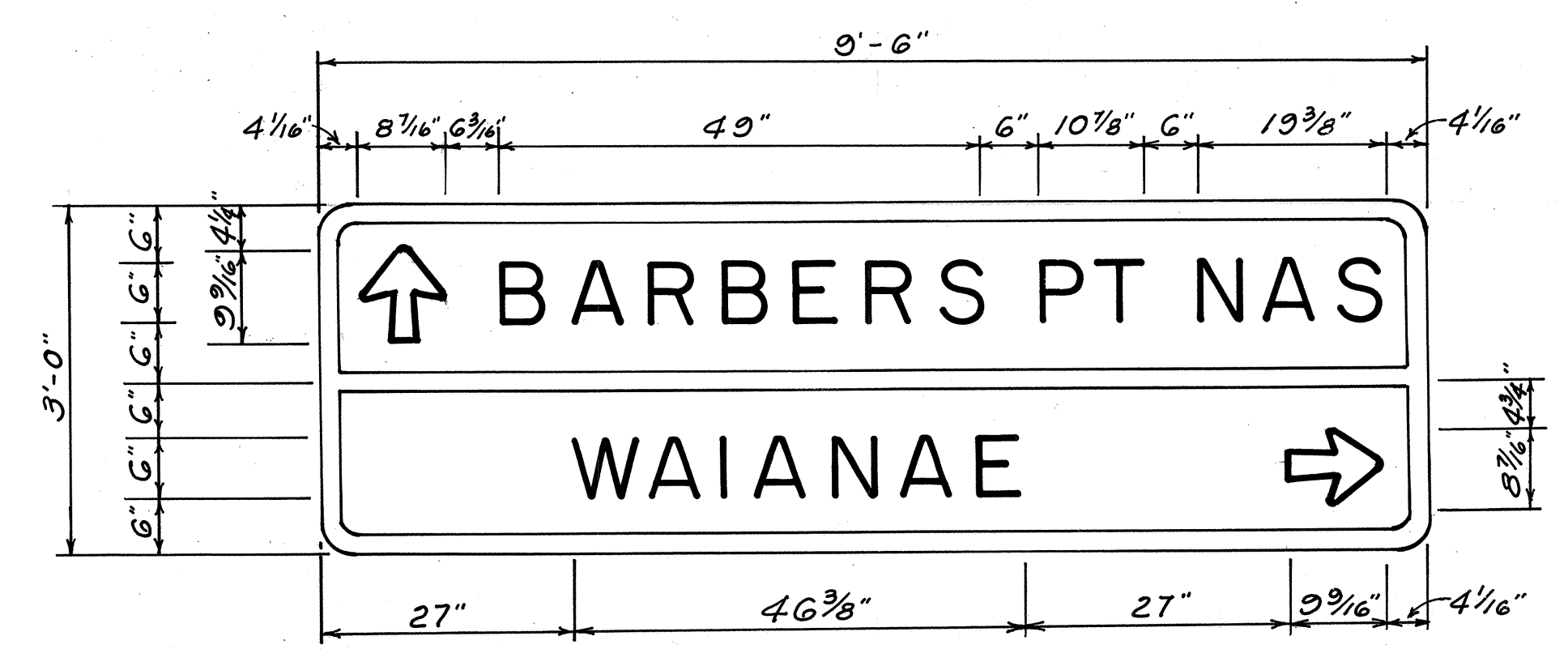


SIGN DIR-4

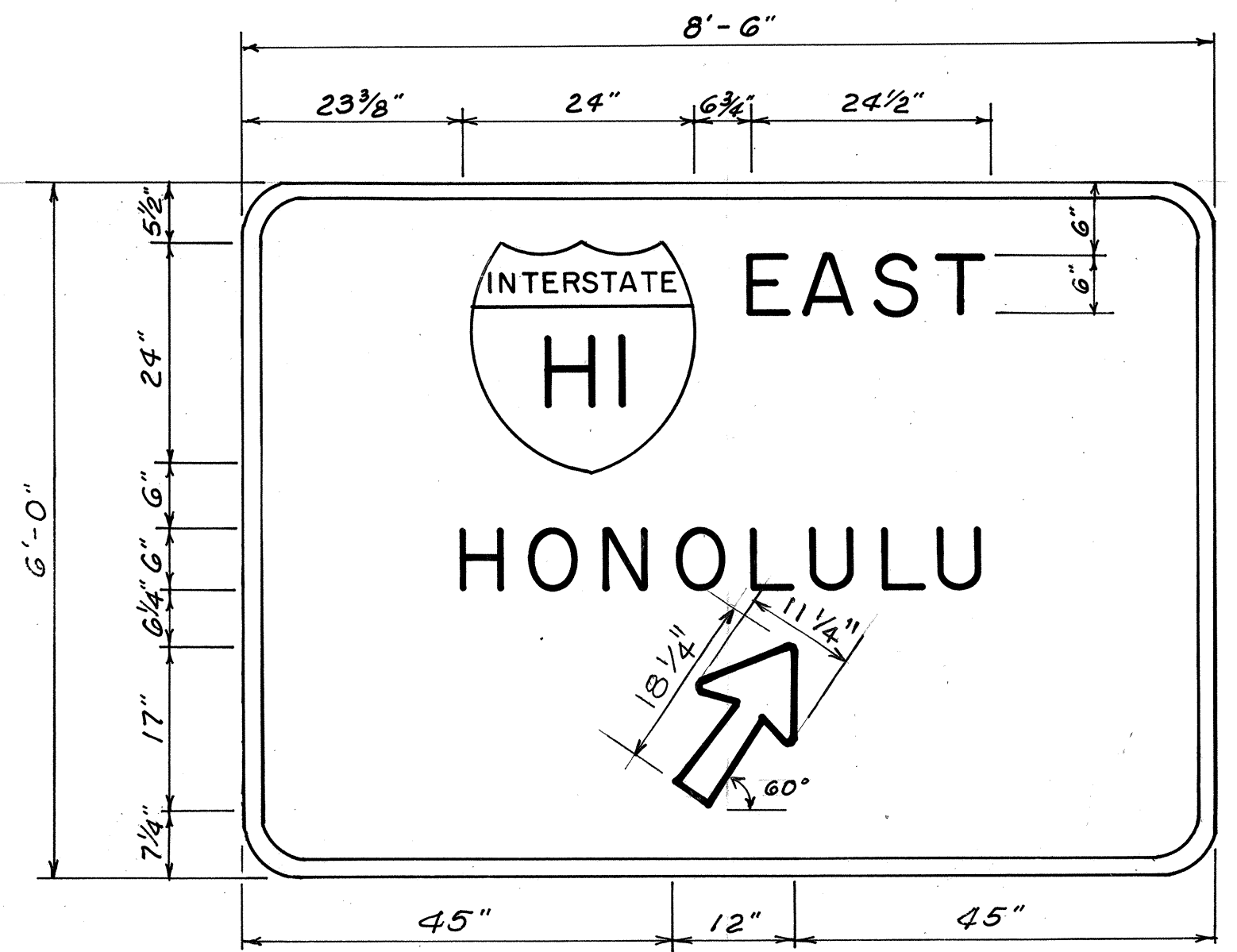


ARROW SIZE	DIMENSIONS IN INCHES						
	a	b	c	d	e	f	r
8 7/16 x 7 9/16	8 7/16	5 7/16	2 5/16	2 15/16	5/8	7 9/16	1/2
11 1/4 x 18 1/4	11 1/4	8 3/4	3 1/8	3 7/8	7/8	18 1/4	5/8

ARROW DETAIL



SIGN DIR-3



SIGN D-1

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

STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 LAND TRANSPORTATION FACILITIES DIVISION

PANEL LAYOUTS

WIDENING MAKAKILO DRIVE
 PROJ. NO. I-HI-1(133):1

SCALE: 3/4"=1' DATE: AUGUST 1979
 SHEET No. 4 OF 5 SHEETS

