

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HIEFG-01-96	1998	C.O.163	344

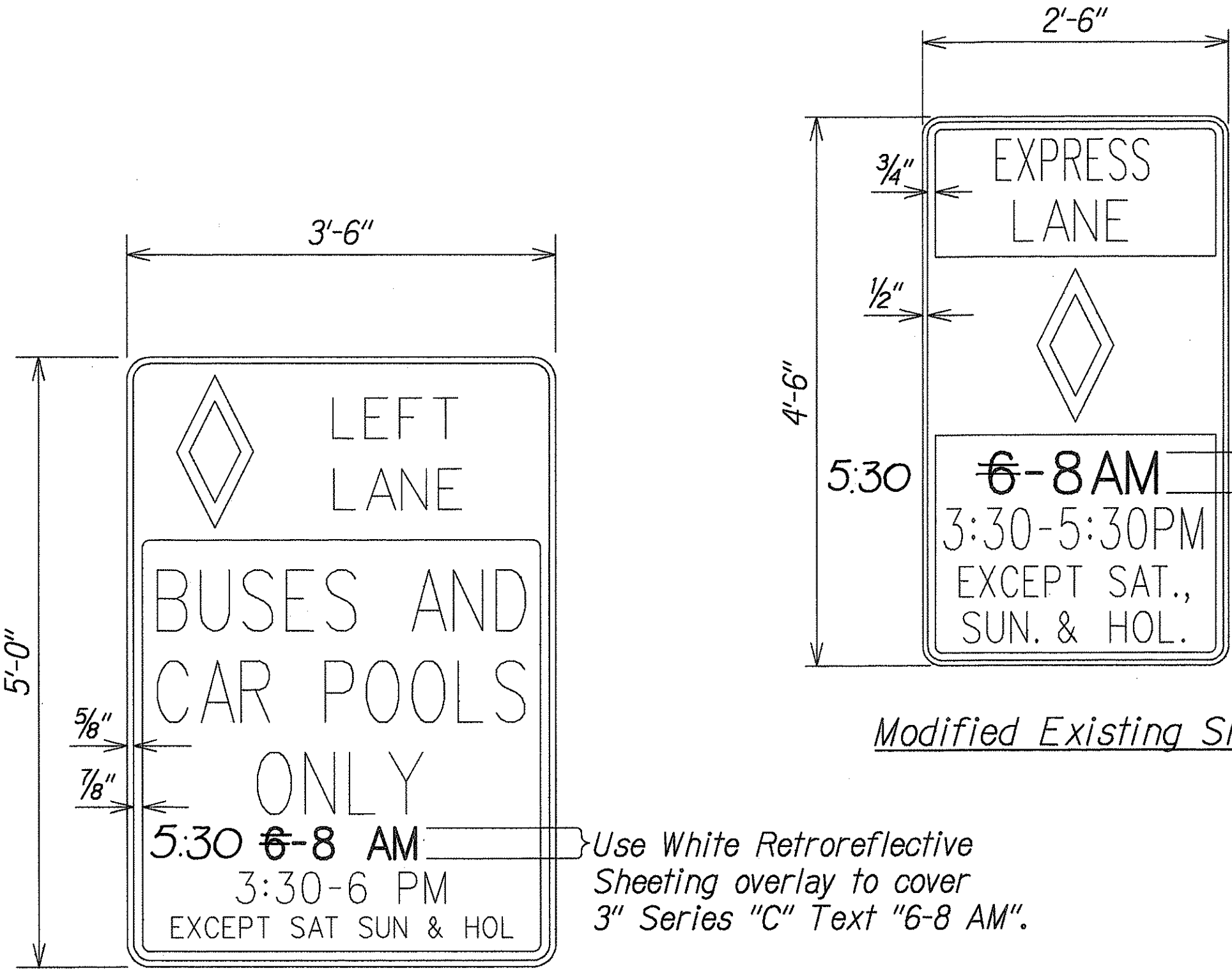
SUMMARY OF SIGNS							
Sheet No.	Sign No.	Regulatory and Warning Signs					
		On Existing Sign Bridge (sq. ft.)	On Cantilever Post (sq. ft.)	On Two Post (sq. ft.)	On Existing Light Std. (sq. ft.)	On Exist. Sign Bridge Post (sq. ft.)	On Post on Exist. Conc. Parapet (sq. ft.)
V1	DS-1		135				
	DS-2		135				
	R-7			68.25			
	R-8				30		
V2	DS-1		135				
	DS-2		135				
	R-7			68.25			
V3	DS-1		135				
	DS-2		135				
	R-7			68.25			
	R-8				30		
V4	W4-1			19			
V5	WS-4		66				
	WS-5		66				
	WS-6				19		
V6	WS-1		99				
	R-6			20			
	R-6				20		
	R-11			24			
	R-11				24		
	R-11				24		
	WS-2	99					
V7	R-9				16		
	R-11				24		
	R-11				24		
	R-11				24		
	R-11				24		
	WS-3		99				
V8	R-1					30	
	R-2						30
	R-3				26		
	R-4				16		
	R-5				16		
	R-10				16		
	34 Ea.	99 Sq. Ft.	1140 Sq. Ft.	268 Sq. Ft.	333 Sq. Ft.	30 Sq. Ft.	30 Sq. Ft.

Approximate Stations for Existing Signs
Requiring Retroreflective Overlay:
(Outbound Only)

H-1 @ Sta. 59+00
H-1 @ Sta. 79+00
H-1 @ Sta. 96+00 Kaahumanu St. Overpass
H-1 @ Sta. 117+00
H-1 @ Sta. 139+50 Kaonohi St. Overpass
H-1 @ Sta. 186+10
H-1 @ Sta. 192+50 Aiea Heights Drive Overpass
H-1 @ Sta. 204+65 Kaimakani St. Overpass
H-1 @ Sta. 208+80
H-1 @ Sta. 229+70 WE Ramp Overpass
H-1 @ Sta. 11+00
H-1 @ Sta. 39+10
H-1 @ Sta. 61+55
H-1 @ Sta. 67+70
H-1 @ Sta. 86+20 Kamehameha Highway Overpass
H-1 @ Sta. 109+35
H-1 @ Sta. 120+51
H-1 @ Sta. 133+86
H-1 @ Sta. 144+93
H-1 @ Sta. 156+49
H-1 @ Sta. 169+92
H-1 @ Sta. 184+10
H-1 @ Sta. 199+87
H-1 @ Sta. 217+55
H-1 @ Sta. 226+70
Nimitz Highway Connector Ramp @ Sta. 25+00
Nimitz Highway Connector Ramp @ Sta. 35+90

Sign Notes:

- 1- Signs shall conform to 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"
- 2- Letter size shall be Series "E", unless otherwise noted.
- 3- Borders shall be 2-inches wide unless otherwise noted and corner radii shall be per Standard Plan TE-14.
- 4- New Sign Panels shall be Laminated aluminum or extruded aluminum.
- 5- The Contractor shall verify the locations and dimensions of existing Freeway Sign Panels and Supports.
- 6- The final locations of all signs shall be approved by the Engineer prior to installation.
- 7- The Contractor shall not use any impacting device in installing signs onto overpass structures.
- 8- The amount of center-to-center spacing of freeway sign luminaires shall be in accordance with the luminaire manufacturer's instructions. Maximum center-to-center spacing of luminaires shall be 10'-0".
- 9- For details of sign lighting, refer to Standard Plan TE-28.
- 10- Anchor Bases shall be installed for all signpost installations, unless otherwise shown or directed. See Standard Plan TE-02 and TE-03.



Modified Existing Sign

Modified Existing Sign



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
Derrick C. Elfalm
For En, Inc.
200 PARK ENGINEERING

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SIGN NOTES AND SUMMARY

INTERSTATE ROUTE H-1
CONTRAFLOW AND SHOULDER LANE
Waialae Interchange to Keolu Interchange
PROJECT NO. HIEFG-01-96
Date: October, 1997

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

