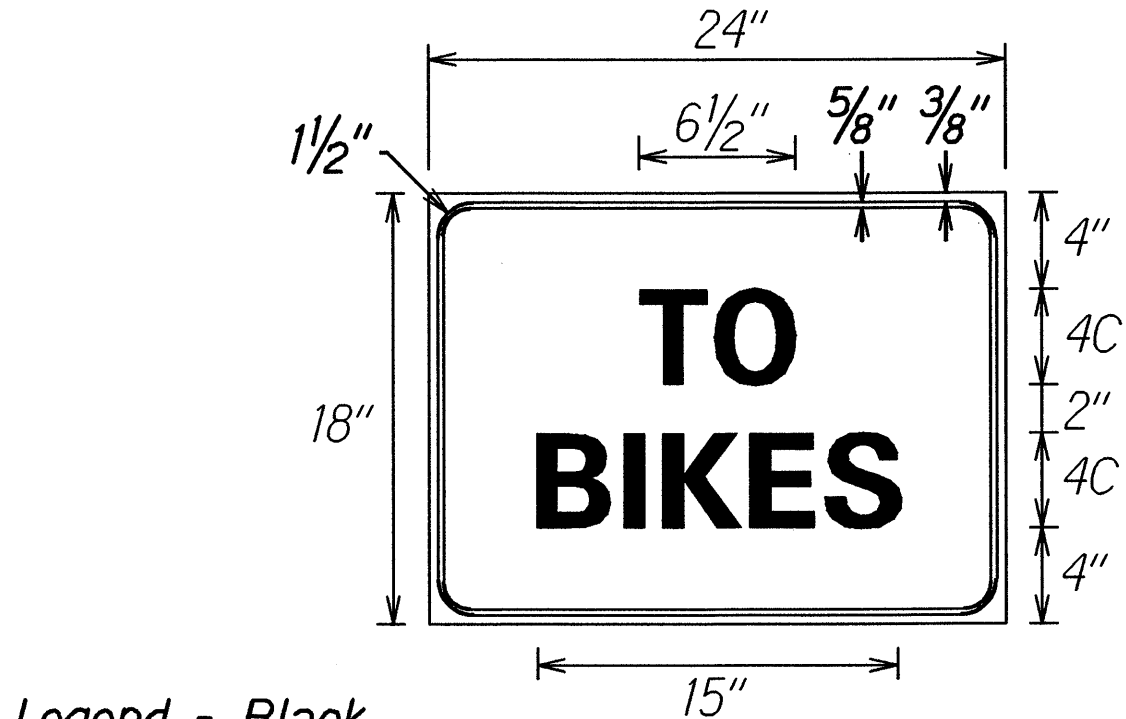
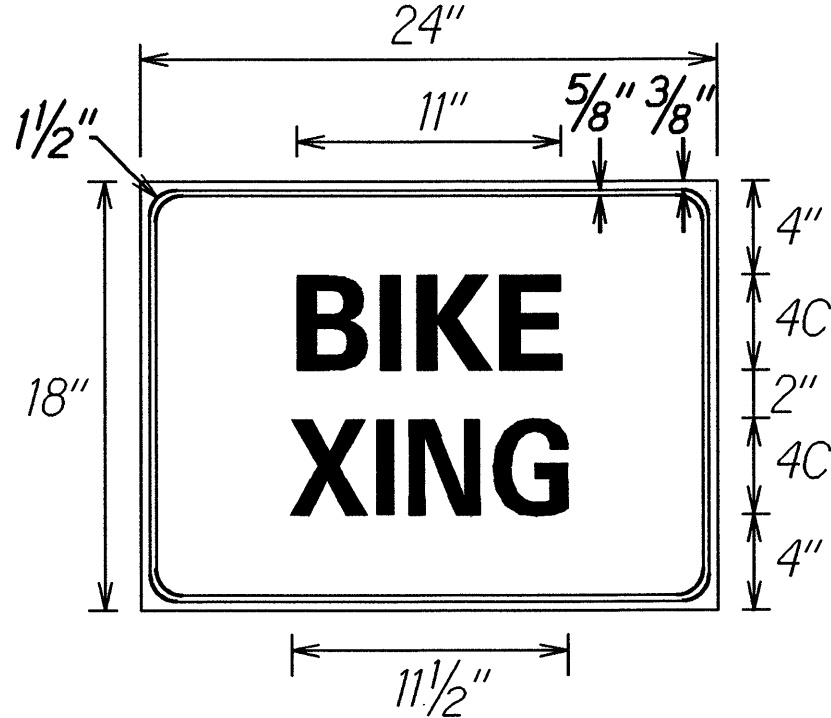


FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-019-2(54)	2001	30	30

PAVEMENT MARKING SUMMARY		
DESCRIPTION	QUANTITY	
PAVEMENT MARKERS		
TYPE A _____	460	EA.
TYPE C _____	185	EA.
TYPE D _____	75	EA.
TYPE H _____	50	EA.
TAPE - TYPE I OR THERMOPLASTIC EXTRUSION		
4-INCH PAVEMENT STRIPE (WHITE) _____	595	L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	710	L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	1,400	L.F.
TAPE - TYPE II OR THERMOPLASTIC EXTRUSION		
4-INCH PAVEMENT STRIPE (WHITE) _____	1,990	L.F.
4-INCH PAVEMENT STRIPE (YELLOW) _____	580	L.F.
6-INCH PAVEMENT STRIPE (WHITE) _____	4,455	L.F.
8-INCH PAVEMENT STRIPE (WHITE) _____	755	L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	190	L.F.
DOUBLE 4-INCH PAVEMENT STRIPE (YELLOW) _____	945	L.F.
TAPE - TYPE III OR THERMOPLASTIC EXTRUSION		
4-INCH PAVEMENT STRIPE (WHITE) _____	880	L.F.
6-INCH PAVEMENT STRIPE (WHITE) _____	420	L.F.
8-INCH PAVEMENT STRIPE (YELLOW) _____	650	L.F.
12-INCH PAVEMENT STRIPE (WHITE) _____	200	L.F.
CROSSWALK MARKINGS _____	35	LANES
PAVEMENT ARROW _____	30	EA.
PAVEMENT WORD _____	15	EA.
PAVEMENT SYMBOL _____	20	EA.



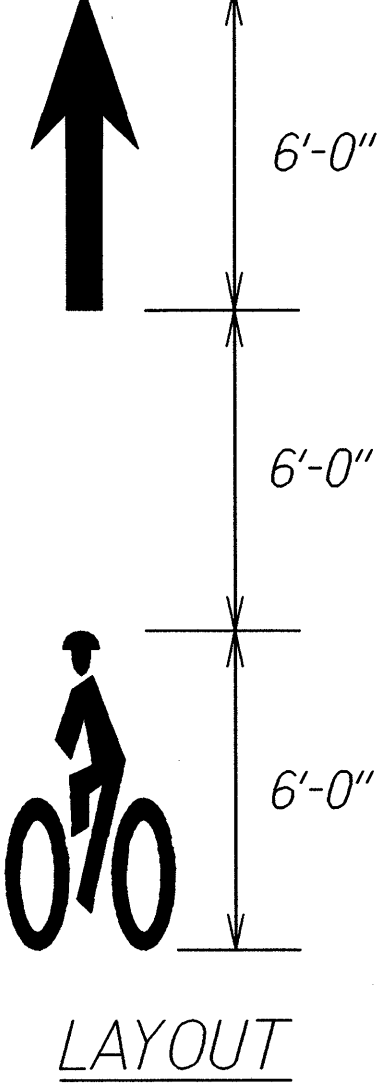
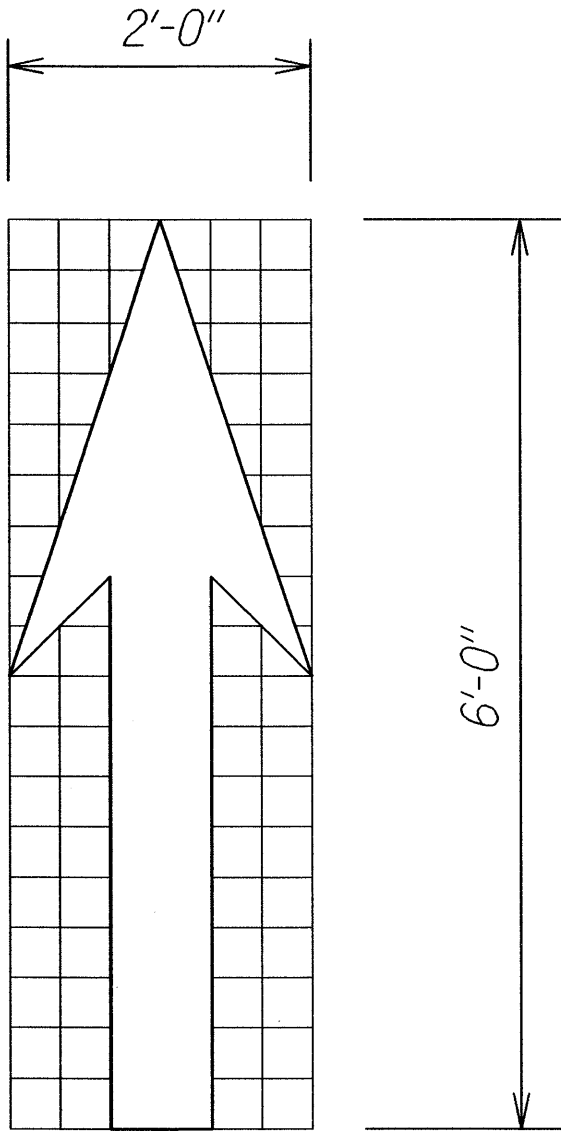
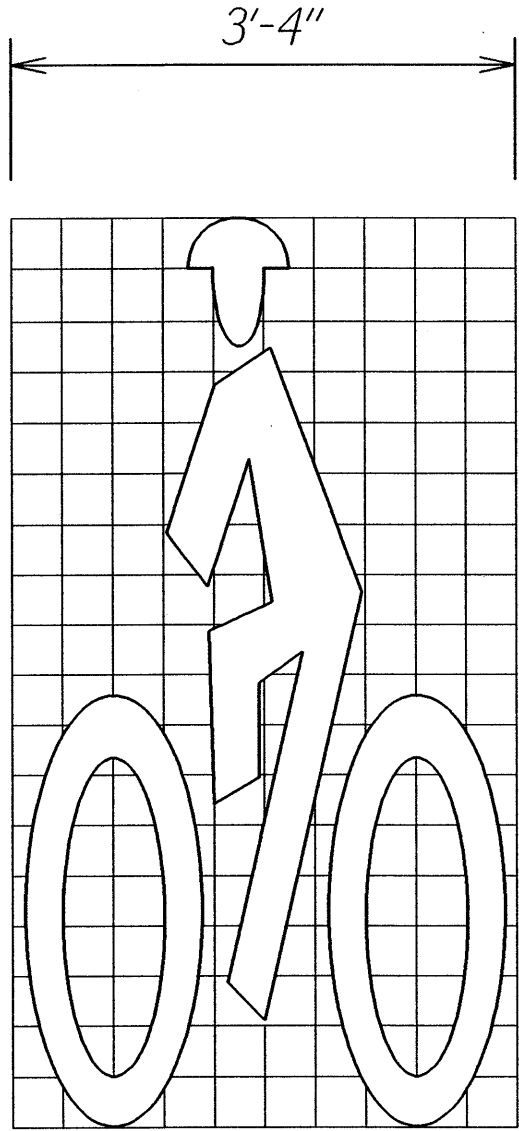
Legend - Black
Background - Yellow



SUPPLEMENTAL BIKE SIGNS*

NOTE:

□ = 4" x 4"



CONSTRUCTION SIGN SUMMARY			
SIGN NO.	LOCATION	MESSAGE	W/POSTS
CW20-1Ad	STA. 15+00 Rt.	ROAD WORK AHEAD	1
CG20-2A	STA. 15+00 Lt.	END ROAD WORK	1
CW20-1Ad	STA. 60+50 Lt.	ROAD WORK AHEAD	1
CG20-2A	STA. 60+50 Rt.	END ROAD WORK	1
TOTAL			4

TRAFFIC SIGN SUMMARY					
SIGN NO.	MESSAGE	QUANTITY			
		10 SQ. FT. OR LESS		GREATER THAN 10 SQ. FT.	
		W/POST	W/O POST	W/POSTS	W/O POSTS
W11-1	*	3			
W16-1	SHARE THE ROAD		1		
M7-2			2		
M7-4			≠ 0		
M7-5			1		
M7-6			1		
D11-1	BIKE ROUTE	≠ 4			
R1-2	YIELD	1			
R4-4	BEGIN RIGHT TURN YIELD TO BIKES	≠ 3	1		
TOTAL		≠ 11	6		

REFLECTOR MARKER SUMMARY								
TYPE	QUANTITY							
	W/O POST		W/FLEXIBLE POST		W/STEEL POST		MOUNT ON CONCRETE RETAINING WALL	
	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE	YELLOW	WHITE
RM-2				16				

*NOTE: Cost of Supplemental Signs "BIKE XING" and "TO BIKES" are considered incidental to W11-1 "BICYCLE WARNING" Sign.

LEGEND FOR AS-BUILT POSTINGS	
	Squiggly line for as-built deletion
	Double line for as-built deletion
Roadway	Text for as-built posting

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION
TRAFFIC SUMMARIES & DETAILS
KAMEHAMEHA AVE. BIKEWAY IMPROVEMENTS
Hilo Bayfront Hwy. to Kalaniana'ole Ave.
Federal Aid Project No. NH-019-2(54)
Date: July, 2001

SHEET No. 75 OF 5 SHEETS

SURVEY PLOTTED BY	DATE
DRAWN BY M. Takahashi	X
NOTED BY	
DESIGNED BY Steven Yee/da	
CHECKED BY	
IN/Minatsumi	