

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

NOTE:
Quantities for striping and signage are approximate and for the Engineer's use only. The Contractor shall determine the necessary quantities for bidding and construction purposes.

CLIFFORD M. ARAKAWA
LICENSED PROFESSIONAL ENGINEER
No. 1864-C
HAWAII U.S.A.

Clifford M. Arakawa
THE WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION
04/30/06
EXPIRATION DATE OF THE LICENSE

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

STRIPING AND SIGNAGE SUMMARY

MOKULELE HIGHWAY WIDENING
Vicinity of Kealia Pond Driveway
To
Piilani Highway
Federal - Aid Project No. NH-A311(4)
Scale: NONE Date: July 2005

SHEET No. **1** OF **8** SHEETS

FED. ROAD DIST. NO.	STATE	FEDERAL -- AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(4)	2006	86	180

RAISED PAVEMENT MARKERS AND STRIPING SUMMARY

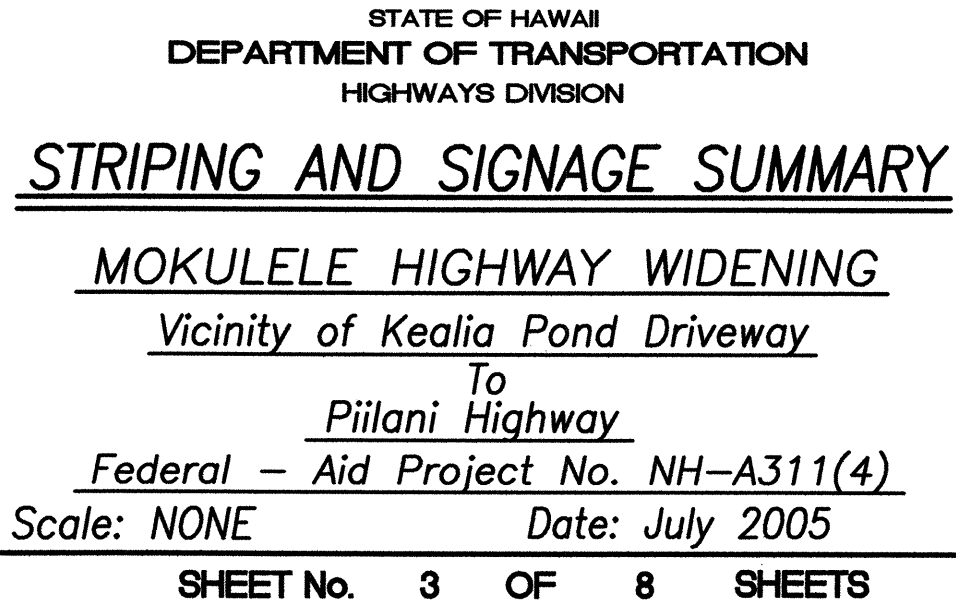
STATION TO STATION	PAVEMENT STRIPING						DISTANCE (L.F.)	PAVEMENT MARKERS (EA.)					STOP BAR WHITE 12" (L.F.)		LETTERING		SYMBOLS	YIELD MARKING LANE	CROSS WALK LANE	COMMENTS
	4" YELLOW (L.F.)		12" YELLOW	4" WHITE	8" WHITE	12" WHITE		TYPE "A"	TYPE "C"	TYPE "D"	TYPE "H"	TYPE "J"			STOP	ONLY	ARROW			
	DOUBLE	SINGLE	L.F.	L.F.	L.F.	L.F.									EA.	EA.	EA.			
MOKULELE HWY. NORTHBOUND																				
CENTERLINE & MEDIAN Sta. 318+25 TO Sta. 329+88	2050	138	1743					120	30		30									
EDGE OF STRIPING Sta. 318+25 TO Sta. 329+88				1163					30				14	1					2	
MOKULELE HWY. SOUTHBOUND																				
CENTERLINE Sta. 317+30 TO Sta. 329+88		138						128	32		30									
EDGE OF STRIPING Sta. 318+25 TO Sta. 329+88				1163					30											
MOKULELE HWY. NORTHBOUND RAMP																				
CENTERLINE & MEDIAN Sta. 0+00 TO Sta. 7+80		780						80	20	7	40									
EDGE OF STRIPING Sta. 0+00 TO Sta. 8+86				886					23				10	1						
MOKULELE HWY. SOUTHBOUND RAMP																				
CENTERLINE Sta. 0+00 TO Sta. 7+80		780			120			80	20		20		36							
Sta. 0+50 TO Sta. 2+30				180																TAPER
Sta. 2+30 TO Sta. 7+77				365	180			36	28				20		6	7				DECELERATION LANE
ISLAND STA. 8+12±					153	45			10											
Sta. 1+34 TO Sta. 3+17				180																TAPER
Sta. 3+17 TO Sta. 7+80				320	160			32	24						6	7				DECEL. & STORAGE LANE
EDGE OF STRIPING Sta. 0+00 TO Sta. 7+80				780					20											
SUBTOTAL	2,050	1,836	1,743	5,037	613	45		476	267	7	120		80	2	12	14			2	

RAISED PAVEMENT MARKERS AND STRIPING SUMMARY

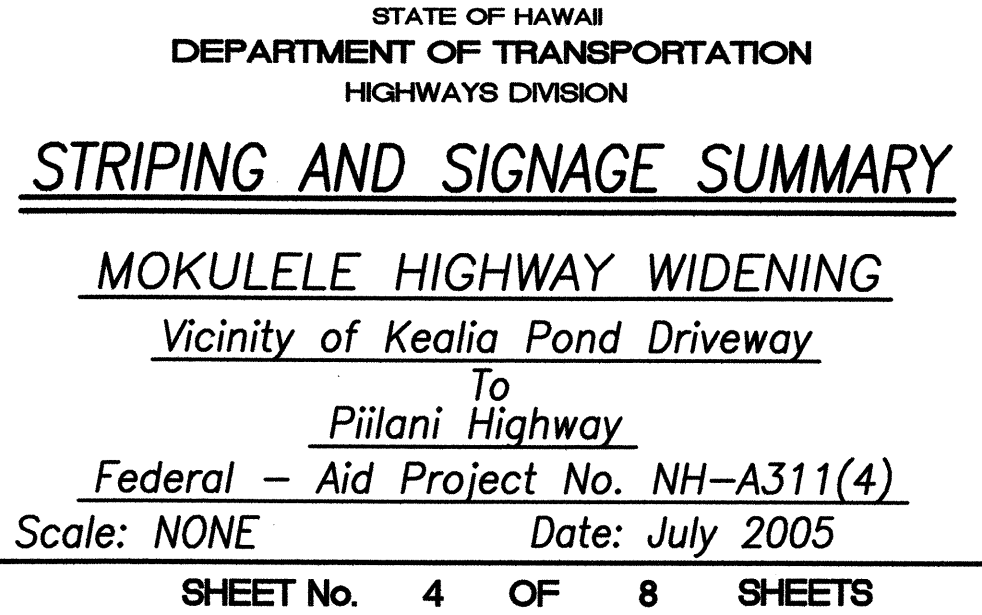
ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
NOTE BOOK	DRAWN BY _____	" _____
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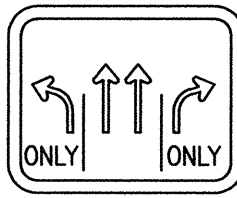
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	QUANTITIES BY _____	" _____
	CHECKED BY _____	" _____
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TRAFFIC SIGN SUMMARY			
SIGN NO.	MESSAGE	QUANTITY	
		10 SQ. FT. OR LESS W/POST	GREATER THAN 10 SQ. FT. W/POST
MOKULELE HWY.			
R1-1	STOP	1	
R1-2	YIELD	2	
R2-1 (30)	SPEED LIMIT 30	1	
R2-1 (45)	SPEED LIMIT 45	2	
R5-3	NO MOTOR VEHICLE	2	
R15-1	UNLAWFUL TO LITTER	1	
R16-1d	BUCKLE UP IT'S THE LAW	1	
		1	
RM-4(R)		1	
TOTAL		12	

FED. ROAD DIST. NO.	STATE	FEDERAL — AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH—A311(4)	2006	90	180

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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

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MOKULELE HIGHWAY WIDENING
Vicinity of Kealia Pond Driveway
To
Piilani Highway
Federal – Aid Project No. NH–A311(4)

Scale: NONE Date: July 2005



DESIGNED BY:
VISION

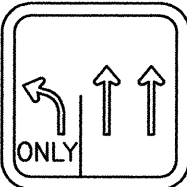
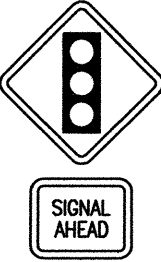
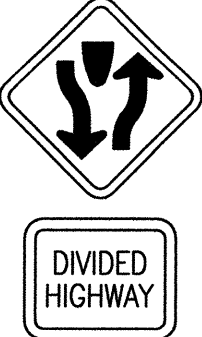
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VISION

DRAWN BY:
VISION

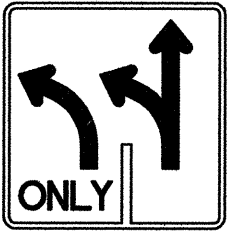
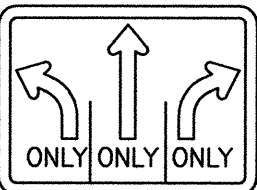
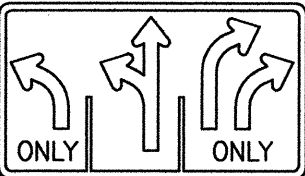
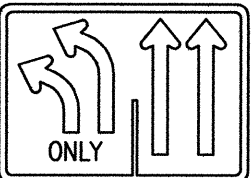
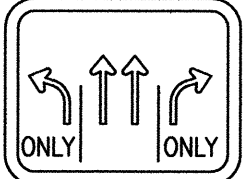
SCALE:

SHEET No. 5 OF 8 SHEETS

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TRAFFIC SIGN SUMMARY				
SIGN NO.	MESSAGE	QUANTITY		
		10 SQ. FT. OR LESS W/POST	GREATER THAN 10 SQ. FT. W/POST	ON TS MAST ARM
PIILANI HIGHWAY				
R1-2	YIELD	1		
R2-1 (30)	SPEED LIMIT 30	6		
R3-3	NO U TURN	1		
R4-4	BEGIN RIGHT TURN LANE YIELD TO BIKES	1		
R5-3	NO MOTOR VEHICLE	3		
R9-5	USE PED SIGNAL	1		
R10-5(R)	RIGHT ON GREEN ARROW ONLY			5
R16-1d	BUCKLE UP IT'S THE LAW	2		
W9-1	RIGHT LANE ENDS	1		
W9-2	LANE ENDS MERGE LEFT	1		
	STREET NAME SIGN			7
		1		
RM-4(R)		1		
RM-4(L)		1		
W3-3		1		
W4-2R		1		
W6-1		2		

FED. ROAD DIST. NO.	STATE	FEDERAL - AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	NH-A311(4)	2006	91	180

TRAFFIC SIGN SUMMARY				
SIGN NO.	MESSAGE	QUANTITY		
		10 SQ. FT. OR LESS W/POST	GREATER THAN 10 SQ. FT. W/POST	ON TS MAST ARM
PIILANI HIGHWAY				
R3-8(L)				1
R3-8B		1		
R17-1				2
R17-1A				1
R17-3				2
R17-4				2
			1	
		4		
		1		
TOTAL		30	1	20



CLIFFORD M. ARAKAWA
LICENSED PROFESSIONAL ENGINEER
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HAWAII U.S.A.

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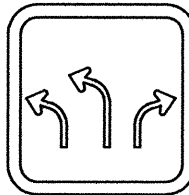
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SHEET No. 6 OF 8 SHEETS

TRAFFIC SIGN SUMMARY			
SIGN NO.	MESSAGE	QUANTITY	
		10 SQ. FT. OR LESS W/POST	GREATER THAN 10 SQ. FT. W/POST
SOUTH KIHAI RD.			
R2-1 (20)	SPEED LIMIT 20	2	
R1-1	STOP	1	
	STREET NAME SIGN	1	
		1	
TOTAL		5	

	STATE OF HAWAII
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	HIGHWAYS DIVISION
	<u>STRIPING AND SIGNAGE SUMMARY</u>
	<u>MOKULELE HIGHWAY WIDENING</u>
	<u>Vicinity of Kealia Pond Driveway</u>
	<u>To</u>
	<u>Piilani Highway</u>
	<u>Federal - Aid Project No. NH-A311(4)</u>
	Scale: NONE Date: July 2005
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION	
04/30/06	
EXPIRATION DATE OF THE LICENSE	
	SHEET No. 7 OF 8 SHEETS



STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

STRIPING & SIGNAGE SUMMARY

MOKULELE HIGHWAY WIDENING

Vicinity of Kealia Pond Driveway
 To
Piilani Highway

Federal - Aid Project No. NH-A311(4)

Scale: No Scale

Date: July 2005

EXPIRATION DATE OF THE LICENSE

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