

PERMANENT SIGN SUMMARY (1 OF 2)															STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
															HI	HI SR 200(3)	C11	C15
Item Number				63301-0000	63308-0000	Description	Item Number				63301-0000	63308-0000	Description					
Station	MUTCD Reference	Panel Size (in x in)		Sign System (each)	Object Markers** (each)		Station	MUTCD Reference	Panel Size (in x in)		Sign System (each)	Object Markers** (each)						
1560+00R	W7-1	48	x 48	1	1	Hill	1710+00L	SPECIAL 4	40	x 20	1	2	Old Saddle Road (right)					
1560+00R	-	24	x 18	0	0	*"Hill"	1708+00R	R4-2	24	x 30	1	1	Pass With Care					
1581+00R	R4-2	24	x 30	1	1	Pass With Care	1714+50L	(2)D10-1a	10	x 27	1	1	Mile 8.5 (back to back)					
1582+50L	(2)D10-2	10	x 27	1	1	Mile 11 (back to back)	1714+50L	(2)D10-7	10	x 7	0	0	*"200" (back to back)					
1582+50L	(2)D10-7	10	x 7	0	0	*"200" (back to back)	1715+00R	M1-6(200)	24	x 24	1	1	State Route 200					
1569+00L	W14-3	36	x 48	1	2	No Passing Zone (36"x48"x48")	1715+00R	M3-2	24	x 12	0	0	*"EAST"					
1569+00R	R4-1	24	x 30	1	1	Do Not Pass	1720+00R	R2-1(55)	36	x 48	1	2	Speed Limit 55					
1595+00R	R2-1(55)	36	x 48	1	2	Speed Limit 55	1725+00R	W7-1	48	x 48	1	1	Hill					
1548+00R	R4-2	24	x 30	1	1	Pass With Care	1725+00R	-	24	x 18	0	0	*"Hill"					
1605+00L	R2-1(55)	36	x 48	1	2	Speed Limit 55	1731+00R	W11-1	36	x 36	1	1	Bicycle Traffic					
1608+90L	(2)D10-2a	10	x 36	1	1	Mile 10.5 (back to back)	1731+00R	W16-1	24	x 18	0	0	*Share the Road					
1608+90L	(2)D10-7	10	x 7	0	0	*"200" (back to back)	1741+00L	(2)D10-1	10	x 18	1	1	Mile 8 (back to back)					
Delete 1618+00L	W14-3	36	x 48	1	2	No Passing Zone (36"x48"x48")	1741+00L	(2)D10-7	10	x 7	0	0	*"200" (back to back)					
Delete 1618+00R	R4-1	24	x 30	1	1	Do Not Pass	1767+25L	(2)D10-1a	10	x 27	1	1	Mile 7.5 (back to back)					
1635+00L	(2)D10-2	10	x 27	1	1	Mile 10 (back to back)	1767+25L	(2)D10-7	10	x 7	0	0	*"200" (back to back)					
1635+00L	(2)D10-7	10	x 7	0	0	*"200" (back to back)	1785+00L	W14-3	36	x 48	1	2	No Passing Zone (36"x48"x48")					
Delete 1642+00R	R4-2	24	x 30	1	1	Pass With Care	1785+00R	R4-1	24	x 30	1	1	Do Not Pass					
1637+00L	W14-3	36	x 48	1	2	No Passing Zone (36"x48"x48")	1790+00L	R4-5	24	x 30	1	1	Trucks Use Right Lane					
1637+00R	R4-1	24	x 30	1	1	Do Not Pass	1790+00R	W3-5	36	x 36	1	1	Reduced (40)					
1661+50L	(2)D10-1a	10	x 27	1	1	Mile 9.5 (back to back)	1793+50L	(2)D10-1	10	x 18	1	1	Mile 7 (back to back)					
1661+50L	(2)D10-7	10	x 7	0	0	*"200" (back to back)	1793+50L	(2)D10-7	10	x 7	0	0	*"200" (back to back)					
1667+00L	SPECIAL 1	40	x 28	1	2	Entering Plant Critical Habitat	1800+00L	R2-1(55)	36	x 48	1	2	Speed Limit 55					
1667+00R	SPECIAL 2	40	x 28	1	2	Leaving Plant Critical Habitat	1800+00R	R2-1(40)	36	x 48	1	2	Speed Limit 40					
Delete 1672+00R	R4-2	24	x 30	1	1	Pass With Care	1813+00L	R4-5	24	x 30	1	2	Trucks Use Right Lane					
Delete 1678+00L	W14-3	36	x 48	1	2	No Passing Zone (36"x48"x48")	1820+00L	(2)D10-1a	10	x 27	1	1	Mile 6.5 (back to back)					
Delete 1678+00R	R4-1	24	x 30	1	1	Do Not Pass	1820+00L	(2)D10-7	10	x 7	0	0	*"200" (back to back)					
1682+00L	W11-1	36	x 36	1	1	Bicycle Traffic	1823+00L	R4-6(1000)	24	x 30	1	2	Truck Lane 1000 Feet					
1682+00L	W16-1	24	x 18	0	0	*Share the Road	1835+00L	M1-6(200)	24	x 24	1	1	State Route 200					
1685+00L	R2-1(55)	36	x 48	1	2	Speed Limit 55	1835+00L	M3-4	24	x 12	0	0	*"WEST"					
1688+00L	(2)D10-1	10	x 18	1	1	Mile 9 (back to back)	1840+00L	R2-1(40)	36	x 48	1	2	Speed Limit 40					
1688+00L	(2)D10-7	10	x 7	0	0	*"200" (back to back)	1842+00R	SPECIAL 5	40	x 20	1	2	Kaumana Drive (left)					
1690+00L	M1-6(200)	24	x 24	1	1	State Route 200	1846+25L	(2)D10-1	10	x 18	1	1	Mile 6 (back to back)					
1690+00L	M3-4	24	x 12	0	0	*"WEST"	1846+25L	(2)D10-7	10	x 7	0	0	*"200" (back to back)					
1690+00R	SPECIAL 3	40	x 20	1	2	Old Saddle Road (left)	1847+00R	R3-8(L)	30	x 30	1	1	Lane Use Control					
1695+00R	R3-8(L)	30	x 30	1	1	Lane Use Control	1853+00L	R3-7(R)	30	x 30	1	1	Right Lane Must Turn Right					
1703+50L	R3-7(R)	30	x 30	1	1	Right Lane Must Turn Right	1855+25L	R3-8(R)	30	x 30	1	1	Lane Use Control					
1707+00L	R3-8b	48	x 30	1	2	Lane Use Control	1858+25L	SPECIAL 6	40	x 20	1	2	Kaumana Drive (right)					
SUBTOTAL				29	40		SUBTOTAL				27	37						
*Supplemental Sign																		
**Unless otherwise noted, all object markers on sign posts are Type II.																		
The following quantities are approximate unless noted as a contract quantity. Payment will be made for the actual quantities of work performed and accepted or for materials furnished according to the contract.							TABULATION OF QUANTITIES											

M:\proj\Lennie\Saddle East 11-6\summaries\100% (3) sum.xls\SIGNING

BRUCE K. MEYERS

Licensed Professional Engineer

No.8336-C

HAWAII, U.S.A.

This work was prepared by me or under my supervision and construction to this project will be under my observation

Expiration Date of License 04/30/16

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This work was prepared by me or under my supervision and construction to this project will be under my observation.
[Signature]
 Expiration Date of License 04/30/16

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	C12	C15

M:\mproj\Lennie\Saddle East 11-6\summaries\100% 200(3) sum.xls\SIGNING (2)



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Expiration Date of License 04/30/16

C12

PAVEMENT MARKINGS SUMMARY

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI SR 200(3)	C13	C15

Item Number Schedule A				-		63401 0100			63401 0200		63405 0050		63405 0100		63405 0150		63405 0300					
Item Number Option X				63313-0000	63313-1000	63401-1700			63401-1800		63405-0050	63405-3300	63405-3350	63405-3500	63406-0000							
Station Range				Rumble Strip (Centerline) (linear feet)	Rumble Strip, Shoulder (linear feet)	Pavement Markings, Solid (4-inch width) (linear feet)			Pavement Markings, Broken (4-inch width) (linear feet)		Pavement Markings, Symbols (Yield Line Markings) (each)	Pavement Markings, Turn Arrow (each)	Pavement Markings, Straight Arrow (each)	Pavement Markings, "STOP" Word Message (each)	Raised Pavement Marker (each)							
																			Edge	Center	Intersec	Edge
***	200+18	to	744+90	54,472																		
	0+00	to	1545+00	154,500																		
	1544+00	to	1567+00	2,200	2,100	4,400	4,400		2,200								110	220	275			
	1567+00	to	1589+00	2,200	2,000	4,400	3,700		2,200								110	258	275			
	1589+00	to	1611+00	2,200	2,100	4,400	3,300		2,200								110	278	275			
	1611+00	to	1633+00	2,200	2,100	4,400	3,700		2,200								110	258	275			
	1633+00	to	1655+00	2,200	2,000	4,400	3,800		2,200								110	250	275			
	1655+00	to	1677+00	2,200	2,200	4,400	3,900		2,200								110	248	275			
	1677+00	to	1699+00	2,200	2,000	4,400	1,900	7,160	2,200	600		4	23				110	108	275	288		
	1699+00	to	1721+00	2,200	1,800	4,400	1,900	6,700	2,200	600		6	21				110	188	275	268		
	1721+00	to	1743+00	2,200	2,000	4,400	2,200		2,200								110	330	275			
	1743+00	to	1765+00	2,200	2,000	4,400	2,200		2,200								110	330	275			
	1765+00	to	1787+00	2,200	1,700	4,400	3,500		2,200								110	268	275			
	1787+00	to	1809+00	2,200	1,500	4,400	4,400		2,200								110	220	275			
	1809+00	to	1831+00	2,200	2,000	4,400	4,400		100								110	220	13			
	1831+00	to	1853+00	2,200	2,000	4,400	1,600	9,530		600		4	15				110	80		298		
	1853+00	to	1861+00	1,100	900	2,200	1,150	2,826		600		2	5				55	58		83		
	SADDLE ROAD CONNECTOR																					
	0+00 to 4+00						800	800	36			6			1	20	40					
	PUAINAKO STREET CONNECTOR																					
0+00 to 4+50						1,400	1,400	36			6			1	35	70						
SUBTOTAL				240,872	28,400	66,000	48,250	26,288	26,500	2,400	12	16	64	2	1,650	3,424	3,313	937				
SCHEDULE A TOTAL ***				0	0	140,538			28,900		12	16	64	2	0							
OPTION X TOTAL				240,872	28,400	140,538			2,400		12	16	64	2	9,324							

*Daniel K. Inouye Highway MP 51 to MP 41.
**Daniel K. Inouye Highway MP 41 to MP 11.
***NOTE: If Option X is awarded, all quantities for Schedule A will be 0 (zero).

The following quantities are approximate unless noted as a contract quantity. Payment will be made for the actual quantities of work performed and accepted or for materials furnished according to the contract.

TABULATION OF QUANTITIES



This work was prepared by me or under my supervision and construction to this project will be under my observation.
Signature: [Signature]
Expiration Date of License: 04/30/16