

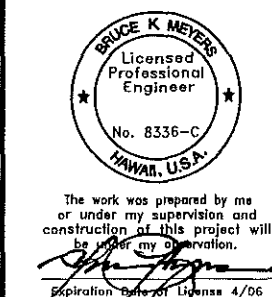
The locations shown heron are approximate and are subject to field adjustment. Do not place permanent signing until they are approved

PERMANENT SIGN SUMMARY (Sheet 1 of 4)

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) & 200(1)	C14	C23

Item Number			63301	63306	Description	Item Number			63301	63306	Description
Station	MUTCD Reference	Panel Size (in x in)	Sign Installation (each)	Object Markers** (each)		Station	MUTCD Reference	Panel Size (in x in)	Sign Installation (each)	Object Markers** (each)	
T.S. 0+00L/R	-	- x -	0	2	Type II Object Markers (See Sht. P51)	452+50L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
T.S. 1+00L	R2-1(45)	36 x 48	1	2	Speed Limit 45	455+40L	R1-1	30 x 30	1	1	Stop
T.S. 2+50L	W8-8	30 x 30	1	1	Rough Road	455+60R	R1-1	30 x 30	1	1	Stop
T.S. 4+00L	W5-1	36 x 36	1	1	Road Narrows	471+50L	R4-2	24 x 30	1	1	Pass With Care
T.S. 7+50R	W2-2L	30 x 30	1	1	Side Road Sign (left)	472+20L	(2)D10-2	10 x 27	1	1	Mile 32 (back to back)
T.S. 7+50R		x	0	0	***MAUNA KEA STATE PARK"	472+20L	(2)D10-7	10 x 7	0	0	***200" (back to back)
T.S. 9+50R		36 x 36	1	1	Shoulder Rumble Strip (See Sht. P56)	480+75L	R1-1	30 x 30	1	1	Stop
360+50R	R3-8(L)	30 x 30	1	1	Lane-Use Control Sign (left)	493+00R	R4-2	24 x 30	1	1	Pass With Care
361+00L	M1-6(200)	24 x 24	1	1	State Route 200 Marker	500+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55
361+00L	M3-4	24 x 12	0	0	***WEST"	500+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55
361+50R	D7-2a	68 x 30	1	3	"Mauna Kea State Park" (See Sht. P54)	506+00R	R4-1	24 x 30	1	1	Do Not Pass
363+50L	R1-1	30 x 30	1	1	Stop (w/ RM-4(R) Reflector Object Marker See Sht. P49)	506+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
364+25L	R1-2	36 x 36	1	1	Yield (36x36x36)	512+00L	R4-1	24 x 30	1	1	Do Not Pass
364+75L		36 x 36	1	1	End Rumble Strip (See Sht. P56)	512+00R	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
365+00L	R3-7(R)	30 x 30	1	1	Right Lane Must Turn Right	524+00L	(2)D10-2	10 x 27	1	1	Mile 31 (back to back)
366+00R	M1-6(200)	24 x 24	1	1	State Route 200 Marker	524+00L	(2)D10-7	10 x 7	0	0	***200" (back to back)
366+00R	M3-2	24 x 12	0	0	***EAST"	525+00L	R4-2	24 x 30	1	1	Pass With Care
366+60L	(2)D10-2	10 x 27	1	1	Mile 34 (back to back)	529+00R	R4-2	24 x 30	1	1	Pass With Care
366+60L	(2)D10-7	10 x 7	0	0	***200" (back to back)	546+00R	R4-1	24 x 30	1	1	Do Not Pass
367+00L	D7-2b	68 x 30	1	3	"Mauna Kea State Park" (See Sht. P54)	546+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
367+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55	548+00L	R4-1	24 x 30	1	1	Do Not Pass
368+50L	R3-8(R)	30 x 30	1	1	Lane-Use Control Sign (right)	548+00R	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
370+00R	R4-2	24 x 30	1	1	Pass With Care	550+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55
370+00L	W2-2R	30 x 30	1	1	Side Road Sign (right)	550+75L	R1-1	30 x 30	1	1	Stop
370+00L		x	0	0	***MAUNA KEA STATE PARK"	553+10R	R1-1	30 x 30	1	1	Stop
374+00L	R2-1(45)	36 x 48	1	2	Speed Limit 45	554+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55
375+10R	R1-1	30 x 30	1	1	Stop	555+00L	Fire Risk	96 x 58	1	3	Fire Risk Sign (See Sht. P55)
379+00R	R4-1	24 x 30	1	1	Do Not Pass	561+10L	R1-1	30 x 30	1	1	Stop
379+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)	565+00L	R4-2	24 x 30	1	1	Pass With Care
380+00L	W3-5	36 x 36	1	1	Speed Limit 45 Ahead	577+80L	(2)D10-2	10 x 27	1	1	Mile 30 (back to back)
405+30R	R1-1	30 x 30	1	1	Stop	577+80L	(2)D10-7	10 x 7	0	0	***200" (back to back)
406+00L	R1-1	30 x 30	1	1	Stop	598+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55
409+00R	R4-2	24 x 30	1	1	Pass With Care	598+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55
419+40L	(2)D10-2	10 x 27	1	1	Mile 33 (back to back)	630+60L	(2)D10-2	10 x 27	1	1	Mile 29 (back to back)
419+40L	(2)D10-7	10 x 7	0	0	***200" (back to back)	630+60L	(2)D10-7	10 x 7	0	0	***200" (back to back)
425+00L	D2-2	58 x 30	1	2	"Kona 53 / Waimea 26" (See Sht. P53)	647+00R	R4-2	24 x 30	1	1	Pass With Care
425+00R	D2-1	41 x 18	1	1	"Hilo 33" (See Sht. P53)	650+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55
428+10L	R1-1	30 x 30	1	1	Stop	650+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55
428+40R	R1-1	30 x 30	1	1	Stop	655+00R	R4-1	24 x 30	1	1	Do Not Pass
430+00R	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)	655+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
430+00L	R4-1	24 x 30	1	1	Do Not Pass	657+00R	W2-2R	30 x 30	1	1	Side Road Sign (right)
450+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55	661+75R		36 x 36	1	1	End Rumble Strip (See Sht. P56)
450+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55	662+50R	R1-1	30 x 30	1	1	Stop
452+50R	R4-1	24 x 30	1	1	Do Not Pass						
SUBTOTAL			37	49		SUBTOTAL			39	49	

*Supplemental Sign, **Unless otherwise noted, all object markers on sign posts are RM-3 (see sht. P49).



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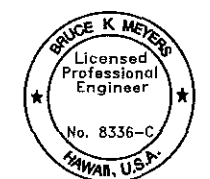
PERMANENT SIGN SUMMARY (Sheet 2 of 4)

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) & 200(1)	C15	C23

Item Number				63301	63306	Description	Item Number				63301	63306	Description
Station	MUTCD Reference	Panel Size (in x in)		Sign Installation (each)	Object Markers** (each)		Station	MUTCD Reference	Panel Size (in x in)		Sign Installation (each)	Object Markers** (each)	
662+75R		36	x 36	1	1	Shoulder Rumble Strip (P56)	724+00R	R4-1	24	x 30	1	1	Do Not Pass
666+00L	R4-1	24	x 30	1	1	Do Not Pass	724+00L	W14-3	36	x 48	1	1	No Passing Zone (36x48x48)
666+00R	W14-3	36	x 48	1	1	No Passing Zone (36x48x48)	731+00L	R4-1	24	x 30	1	1	Do Not Pass
667+00L	W2-2L	30	x 30	1	1	Side Road Sign (left)	731+00R	W14-3	36	x 48	1	1	No Passing Zone (36x48x48)
674+00L	R4-2	24	x 30	1	1	Pass With Care	732+00R	W2-2L	30	x 30	1	1	Side Road Sign (left)
675+50R	W2-1	30	x 30	1	1	Cross Road Sign	735+50L	R1-1	30	x 30	1	1	Stop
675+50R			x	0	0	**MAUNA KEA ACCESS ROAD	736+40L	(2)D10-2	10	x 27	1	1	Mile 27 (back to back)
675+50R			x	0	0	**PU'U HULUHULU ACCESS ROAD	736+40L	(2)D10-7	10	x 7	0	0	**200" (back to back)
680+50R	D7-2dc	71	x 30	1	3	"Mauna Kea Access Road" (See Sht. P54)	739+50L	W2-2R	30	x 30	1	1	Side Road Sign (right)
682+50L	LIGHTS ON?	40	x 30	1	1	LIGHTS ON? (See Sht. P55)	742+00L	R2-1(55)	36	x 48	1	2	Speed Limit 55
683+00R	R3-8(L)	30	x 30	1	1	Lane-Use Control Sign (left)	743+00L	R4-2	24	x 30	1	1	Pass With Care
683+40L	(2)D10-2	10	x 27	1	1	Mile 28 (back to back)	748+50R	W2-1	30	x 30	1	1	Cross Road Sign
683+40L	(2)D10-7	10	x 7	0	0	**200" (back to back)	748+50R			x	0	0	**KIPUKA AINAHOU"
684+00L	M1-6(200)	24	x 24	1	1	State Route 200 Marker	752+40L	R1-1	30	x 30	1	1	Stop
684+00L	M3-4	24	x 12	0	0	**WEST"	752+80R	R1-1	30	x 30	1	1	Stop
685+00L	R2-1(55)	36	x 48	1	2	Speed Limit 55	755+25L	W2-1	30	x 30	1	1	Cross Road Sign
685+75L		36	x 36	1	1	Shoulder Rumble Strip (See Sht. P56)	755+25L			x	0	0	**KIPUKA AINAHOU"
685+75R		36	x 36	1	1	End Rumble Strip (See Sht. P56)	767+00R	R2-1(55)	36	x 48	1	2	Speed Limit 55
686+50L	R1-1	30	x 30	1	1	Stop (w/ RM-4(R) Reflector Object Marker See Sht. P49)	779+00R	W2-2R	30	x 30	1	1	Side Road Sign (right)
MKAR 0+50L	D1-3a	73	x 42	1	3	"Hilo 28 / Kona 58 / Waimea 31" (See Sht. P53)	783+10R	R1-1	30	x 30	1	1	Stop
MKAR 2+50R	D5-7	110	x 48	1	3	VISITOR INFO. STATION 6 MILES (See Sht. P54)	786+50R	W2-2L	30	x 30	1	1	Side Road Sign (left)
687+00R	R1-1	30	x 30	1	1	Stop	787+00L	W2-2L	30	x 30	1	1	Side Road Sign (left)
687+00L	R1-2	36	x 36	1	1	Yield (36x36x36)	790+00L	(2)D10-2	10	x 27	1	1	Mile 26 (back to back)
687+50L		36	x 36	1	1	End Rumble Strip (See Sht. P56)	790+00L	(2)D10-7	10	x 7	0	0	**200" (back to back)
687+50R		36	x 36	1	1	Shoulder Rumble Strip (See Sht. P56)	790+40L	R1-1	30	x 30	1	1	Stop
688+00L	R3-7(R)	30	x 30	1	1	Right Lane Must Turn Right	791+00R	W2-2R	30	x 30	1	1	Side Road Sign (right)
691+00L	R3-8(R)	30	x 30	1	1	Lane-Use Control Sign (right)	794+00L	W2-2R	30	x 30	1	1	Side Road Sign (right)
692+50L	D7-2e	71	x 30	1	3	"Mauna Kea Access Road" (See Sht. P54)	795+20R	R1-1	30	x 30	1	1	Stop
696+00R	W2-2R	30	x 30	1	1	Side Road Sign (right)	799+00L	W2-2L	30	x 30	1	1	Side Road Sign (left)
696+00R			x	0	0	**MAUNA LOA OBSERVATORY"	800+00L	R2-1(55)	36	x 48	1	2	Speed Limit 55
697+50L	W2-1	30	x 30	1	1	Cross Road Sign	810+00R	R4-2	24	x 30	1	1	Pass With Care
697+50L			x	0	0	**MAUNA KEA ACCESS ROAD	814+00R	R4-1	24	x 30	1	1	Do Not Pass
697+50L			x	0	0	**PU'U HULUHULU ACCESS ROAD	814+00L	W14-3	36	x 48	1	1	No Passing Zone (36x48x48)
699+25R		36	x 36	1	1	End Rumble Strip (See Sht. P56)	820+00R	R2-1(55)	36	x 48	1	2	Speed Limit 55
MLAR 0+50R	W45-1	36	x 36	1	1	Road Narrows	842+00L	(2)D10-2	10	x 27	1	1	Mile 25 (back to back)
700+40R	R1-1	30	x 30	1	1	Stop	842+00L	(2)D10-7	10	x 7	0	0	**200" (back to back)
700+75R		36	x 36	1	1	Shoulder Rumble Strip (See Sht. P56)	854+00L	W4-2R	36	x 36	1	1	Lane Ends Merge Left
703+00R	M1-6(200)	24	x 24	1	1	State Route 200 Marker	854+00R	R4-2	24	x 30	1	1	Pass With Care
703+00R	M3-2	24	x 12	0	0	**EAST"	860+00L	W9-1	30	x 30	1	1	Right Lane Ends
704+00R	LIGHTS ON?	40	x 30	1	1	LIGHTS ON? (See Sht. P55)	869+00R	R4-1	24	x 30	1	1	Do Not Pass
708+50L	W2-2L	30	x 30	1	1	Side Road Sign (left)	869+00L	W14-3	36	x 48	1	1	No Passing Zone (36x48x48)
708+50L			x	0	0	**MAUNA LOA OBSERVATORY"	873+00R	W2-2R	30	x 30	1	1	Side Road Sign (right)
711+50R	R4-2	24	x 30	1	1	Pass With Care	874+00L	R2-1(55)	36	x 48	1	2	Speed Limit 55
714+00R	R2-1(55)	36	x 48	1	2	Speed Limit 55	876+00L	R4-5	24	x 30	1	1	Trucks Use Right Lane
SUBTOTAL				35	45		SUBTOTAL				39	44	

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*Supplemental Sign, **Unless otherwise noted, all object markers on sign posts are RM-3 (see sht. P49).



The work was prepared by me or under my supervision and construction of this project will be under my observation.
Expiration Date of License 4/06

The locations shown heron are approximate and are subject to field adjustment. Do not place permanent signing until they are approved

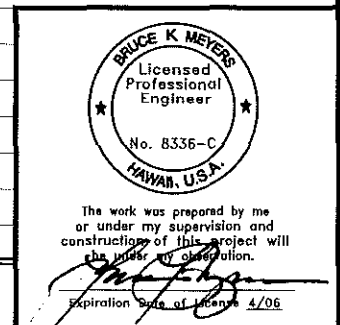
PERMANENT SIGN SUMMARY (Sheet 3 of 4)

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) & 200(1)	C16	C23

Item Number			63301	63306	Description	Item Number			63301	63306	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)	
877+25R	R1-1	30 x 30	1	1	Stop	1020+50R	R1-1	30 x 30	1	1	Stop
880+00L	W2-2L	30 x 30	1	1	Side Road Sign (left)	1024+50L	W2-2L	30 x 30	1	1	Side Road Sign (left)
885+00L	M1-6(200)	24 x 24	1	1	State Route 200 Marker	1028+50L	D6-3	48 x 36	1	2	Scenic View (right)
885+00L	M3-4	24 x 12	0	0	**"WEST"	1035+00L	D6-2	36 x 36	1	1	Scenic View Ahead
885+00R	M1-6(200)	24 x 24	1	1	State Route 200 Marker	1044+00R	R4-2	24 x 30	1	1	Pass with Care
885+00R	M3-2	24 x 12	0	0	**"EAST"	1045+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55
895+00L	(2)D10-2	10 x 27	1	1	Mile 24 (back to back)	1045+00R	W2-2L	30 x 30	1	1	Side Road Sign (left)
895+00L	(2)D10-7	10 x 7	0	0	**"200" (back to back)	1045+00R		x	0	0	**"KIPUKA 21"
902+00R	Lights On?	40 x 30	1	1	LIGHTS ON? (See Sht. P55)	1048+50L		36 x 36	1	1	Shoulder Rumble Strip (See Sht. P56)
909+00R	W2-2R	30 x 30	1	1	Side Road Sign (right)	1049+00L	R1-1	30 x 30	1	1	Stop
910+00R	R4-2	24 x 30	1	1	Pass With Care	1049+50L		36 x 36	1	1	End Rumble Strip (See Sht. P56)
914+50R	R1-1	30 x 30	1	1	Stop	1052+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55
919+50L	W2-2L	30 x 30	1	1	Side Road Sign (left)	1053+00L	W2-2R	30 x 30	1	1	Side Road Sign (right)
937+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)	1053+00L		x	0	0	**"KIPUKA 21"
937+00R	R4-1	24 x 30	1	1	Do Not Pass	1054+00L	(2)D10-2	10 x 27	1	1	Mile 21 (back to back)
942+00R	W2-2L	30 x 30	1	1	Side Road Sign (left)	1054+00L	(2)D10-7	10 x 7	0	0	**"200" (back to back)
942+00R		x	0	0	**"PU'U O'O RANCH"	1078+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
946+50L	R1-1	30 x 30	1	1	Stop	1078+00R	R4-1	24 x 30	1	1	Do Not Pass
948+00L	(2)D10-2	10 x 27	1	1	Mile 23 (back to back)	1081+00R	W2-2L	30 x 30	1	1	Side Road Sign (left)
948+00L	(2)D10-7	10 x 7	0	0	**"200" (back to back)	1085+00L	R1-1	30 x 30	1	1	Stop
950+00L	W2-2R	30 x 30	1	1	Side Road Sign (right)	1089+00L	W2-2R	30 x 30	1	1	Side Road Sign (right)
950+00L		x	0	0	**"PU'U O'O RANCH"	1102+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55
955+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55	1102+00R	W3-5	36 x 36	1	1	Speed Limit 45 Ahead
955+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55	1107+00L	(2)D10-2	10 x 27	1	1	Mile 20 (back to back)
960+00R		54 x 20	1	2	"UPPER WAIAKEA FOREST RESERVE" (See Sht. P56)	1107+00L	(2)D10-7	10 x 7	0	0	**"200" (back to back)
964+00R		40 x 28	1	1	"HILO RESTRICTED WATERSHED" (See Sht. P56)	1107+00R	R2-1(45)	36 x 48	1	2	Speed Limit 45
967+00R	R4-2	24 x 30	1	1	Pass with Care	1110+00R	W11-2	30 x 30	1	1	Pedestrian Sign
972+50R	W2-2R	30 x 30	1	1	Side Road Sign (right)	1110+00R	W16-9P	24 x 12	0	0	**"AHEAD"
972+50R		x	0	0	**"PU'U O'O TRAIL"	1117+00R	W11-2	30 x 30	1	1	Pedestrian Sign
977+00R	R1-1	30 x 30	1	1	Stop	1117+00R	W16-7P	24 x 12	0	0	*Arrow
981+00L	W2-2L	30 x 30	1	1	Side Road Sign (left)	1120+00L	W11-2	30 x 30	1	1	Pedestrian Sign
981+00L		x	0	0	**"PU'U O'O TRAIL"	1120+00L	W16-7P	24 x 12	0	0	*Arrow
999+00R	W2-2L	30 x 30	1	1	Side Road Sign (left)	1123+00R	R4-2	24 x 30	1	1	Pass with Care
999+00R		x	0	0	**"SADDLE HOUSE"	1127+00L	W11-2	30 x 30	1	1	Pedestrian Sign
1000+00L	R2-1(55)	36 x 48	1	2	Speed Limit 55	1127+00L	W16-9P	24 x 12	0	0	**"AHEAD"
1001+00L	(2)D10-2	10 x 27	1	1	Mile 22 (back to back)	1130+00L	R2-1(45)	36 x 48	1	2	Speed Limit 45
1001+00L	(2)D10-7	10 x 7	0	0	**"200" (back to back)	1131+00R	W2-2L	30 x 30	1	1	Side Road Sign (left)
1004+00L	R1-1	30 x 30	1	1	Stop	1135+00L	R1-1	30 x 30	1	1	Stop
1005+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)	1136+00L	W3-5	36 x 36	1	1	Speed Limit 45 Ahead
1005+00R	R4-1	24 x 30	1	1	Do Not Pass	1136+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55
1007+00R	R2-1(55)	36 x 48	1	2	Speed Limit 55	1139+00L	W2-2R	30 x 30	1	1	Side Road Sign (right)
1008+00L	W2-2R	30 x 30	1	1	Side Road Sign (right)	1147+00L	W14-3	36 x 48	1	1	No Passing Zone (36x48x48)
1008+00L		x	0	0	**"SADDLE HOUSE"	1147+00R	R4-1	24 x 30	1	1	Do Not Pass
1016+50R	W2-2R	30 x 30	1	1	Side Road Sign (right)	1153+00L	Lights On?	40 x 30	1	1	LIGHTS ON? (See Sht. P55)
SUBTOTAL			33	38		SUBTOTAL			36	43	

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*Supplemental Sign, **Unless otherwise noted, all object markers on sign posts are RM-3 (see sht. P49).



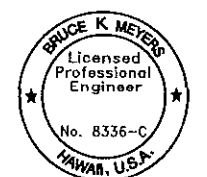
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PERMANENT SIGN SUMMARY (Sheet 4 of 4)

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) & 200(1)	C17	C23

[illegible]

*Supplemental Sign, **Unless otherwise noted, all object markers on sign posts are RM-3 (see sht. P49).



The work was prepared by me
or under my supervision and
construction of this project will
be under my observation.

[Signature]

Expiration Date of License 4/06

C17

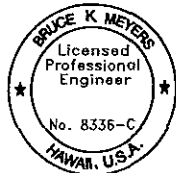
The locations shown heron are approximate and are subject to field adjustment. Do not place pavement markers and striping until they are approved in the field by the Contracting Officer.

PAVEMENT MARKERS AND STRIPING SUMMARY (Sheet 1 of 2)

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD/STP 6(3) & 200(1)	C18	C23

			634011A - Pavement Markings, Type I, Solid (linear foot)										Raised Pavement Markers (each)					Symbols (each)
Item Number			4-Inch Width				8-Inch Width		12-Inch Width			634011B	63405 - Raised Pavement Markers (each)					63406
Station			4" White Lane Stripe	4" Double Yellow Center Stripe	4" Double Yellow Median Stripe	4" Yellow Lane Stripe	8" White Edge Stripe	8" White Channelizing Stripe	12" White Stop Bar	12" White Transverse Stripe	12" Yellow Median Stripe	Pavement Markings, Type I, Broken (linear foot)	Type A	Type C	Type D	Type H	Type J	Pavement Markings Symbols (each)
T.S. 0+00	to	T.S. 2+00		400			400							10	22			
T.S. 2+00	to	368+00	600		6400		3200	200	12		3600	300	64	124		162		34
368+00	to	370+00	50	400			400					150	4	12	22			3
370+00	to	379+00				900	1800					150		44	23	23	92	
379+00	to	409+00		6000			6000							150	302			
409+00	to	430+00				2100	4200							106	53	53	212	
430+00	to	452+50					4500							114	57		228	
452+50	to	471+50				1900	3800							96	48	48	192	
471+50	to	493+00		4300			4300							108	216			
493+00	to	506+00				1300	2600							64	33	33	132	
506+00	to	512+00		1200			1200							30	62			
512+00	to	525+00				1300	2600							64	33	33	132	
525+00	to	529+00		800			800							20	42			
529+00	to	546+00				1700	3400							86	43	43	172	
546+00	to	548+00		400			400							10	22			
548+00	to	565+00				1700	3400							86	43	43	172	
565+00	to	647+00		16400			16400							412	822			
647+00	to	655+00				800	1600							40	20	20	80	
655+00	to	666+00		2200			2200							56	112			
666+00	to	674+00				800	1600							40	20	20	80	
674+00	to	675+00		200			200							4	12			
675+00	to	691+00	600		6400		3200	200	12		3600	300	64	124		162		25
691+00	to	694+00		600			600					300		14	32			
694+00	to	695+00		200			200							4	12			
695+00	to	711+50	400		6600		3300	100	12		3713	300	40	108		166		23
711+50	to	724+00				1250	2500							62	32	32	128	
724+00	to	731+00		1400			1400							34	72			
731+00	to	743+00				1200	2400							60	30	30	120	
743+00	to	810+00		13400			13400							336	672			
810+00	to	814+00				400	800							20	10	10	40	
SUBTOTAL			84300				93300		10949			1500	8135					85

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			63401IA - Pavement Markings, Type I, Solid (linear foot)										Raised Pavement Markers (each)					Symbols (each)
Item Number			4-Inch Width				8-Inch Width		12-Inch Width			63401IB	63405 - Raised Pavement Markers (each)					63406
Station			4" White Lane Stripe	4" Double Yellow Center Stripe	4" Double Yellow Median Stripe	4" Yellow Lane Stripe	8" White Edge Stripe	8" White Channelizing Stripe	12" White Stop Bar	12" White Transverse Stripe	12" Yellow Median Stripe	Pavement Markings, Type I, Broken (linear foot)	Type A	Type C	Type D	Type H	Type J	Pavement Markings, Symbols (each)
814+00	to	854+00		8000			8000						8	202	402			4
854+00	to	869+00				1500	3000						148	111	38	38	152	
869+00	to	910+00		8200			8200						412	309	412			
910+00	to	937+00				2700	5400						272	204	68	68	272	
937+00	to	967+00		6000			6000						300	225	302			
967+00	to	1005+00				3800	7600						380	285	95	95	380	
1005+00	to	1043+50		7700			7700						384	290	386			
1043+50	to	1047+00				350	700						32	26	9	9	36	
1047+00	to	1051+00		800			800						40	30	42			
1051+00	to	1078+00				2700	5400						272	204	68	68	272	
1078+00	to	1123+00		9000			9000						452	339	452			
1123+00	to	1147+00				2400	4800						240	180	60	60	240	
1147+00	to	1165+00		3600			3600						132	123	182			
Mauna Kea State Park Access				660			660	220	32	50				30	34			
Connector Road 3				300			300		20					8	16			
Mauna Kea Access				570			570	220	32	50				28	30			
Pu'u Huluhulu Access				190			190		40					6	10			
Mauna Loa Access				300			300		40					8	16			
DHHL No.1 Access				170			170		16					6	10			
DHHL No.2 Access				320			320		16					8	18			
Kipuka 21 Access				380			380		16			0		10	20			
SUBTOTAL			59640				73530		312			0	10064					4
TOTAL			143940				166830		11261			1500	18199					89

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