

ORIGINAL PLAN

NOTE BOOK

No.

SURVEY PLOTTED BY

DRAWN BY

TRACED BY

DESIGNED BY

QUANTITIES BY

CHECKED BY

DATE

''

''

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RUMBLE STRIP SCHEDULE SOUTH BOUND LANE		
STA. BEGIN	STA. END	LENGTH (FT)
125+00	127+10	210
134+95	162+40	2,745
167+20	171+60	440
176+80	181+00	420
224+40	227+10	270
237+40	241+40	400
245+70	247+21	151
257+30	261+30	400
276+25	302+54	2,629
310+00	327+40	1,740
332+50	380+34	4,784
485+25	492+30	705
495+30	562+70	6,718

RUMBLE STRIP SCHEDULE NORTH BOUND LANE		
STA. BEGIN	STA. END	LENGTH (FT)
129+25	137+90	865
144+70	147+10	240
154+20	159+20	500
177+00	186+60	960
196+40	199+90	350
207+75	216+15	840
220+15	222+40	225
225+40	229+30	390
257+60	261+50	390
267+17	272+40	523
284+25	289+50	525
293+40	302+98	958
303+90	320+40	1,650
343+00	351+48	848
361+50	373+16	1,166
374+16	380+34	618
487+20	504+00	1,680
510+30	530+20	1,990
535+25	557+50	2,203
Pay Item 615.0200 - Milled Edgeline Rumble Strip		38,534 LF

GUARDRAIL SECTIONS SCHEDULE					
GUARDRAIL NO.	GUARDRAIL SECTION AND LENGTH				TOTAL LENGTH (LF)
	GUARDRAIL TYPE*	STA. BEGIN	STA. END	SECTION LENGTH (LF)	
1	6' POST	184+52	185+27	75	300
	9' POST	185+27	186+89.5	162.5	
	6' POST	186+89.5	187+52	62.5	
2	6' POST	248+71	250+33.5	162.5	450
	9' POST	250+33.5	252+33.5	200	
	6' POST	252+33.5	253+21	87.5	
3	6' POST	469+87.5	474+25	437.5	437.5

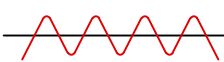
\* 9' Guardrail Posts Shall be Used where Guardrail is Placed Adjacent to Slope as shown on Plan Sheet 8.


END TREATMENT SCHEDULE				
GUARDRAIL NO.	LEADING END TREATMENT TYPE	LEADING END TREATMENT LENGTH (FT)	TRAILING END TREATMENT TYPE	TRAILING END TREATMENT LENGTH (FT)
1	SoftStop	50	MFLEAT	39
2	SoftStop	50	SoftStop	50
3	Modified Type A-1 Flare	75	SoftStop	50

GUARDRAIL PAY ITEMS AND QUANTITIES		
ITEM NO.	DESCRIPTION	QTY.
606.3112	Guardrail Type - Midwest Guardrail System (6-ft Post)	825 LF
606.3113	Guardrail Type - Midwest Guardrail System (9-ft Post)	363 LF
606.3200	Transition Section Type - MGS to Strong Post	1 EA
606.7010	End Anchorage Type - MASH MFLEAT	1 EA
606.7020	End Anchorage Type - SoftStop	3 EA
606.7030	End Anchorage Type - Modified Type "A-1" Flare	1 EA

REFLECTOR MARKER SCHEDULE.								
STA.	LEFT	RIGHT	STA.	LEFT	RIGHT	STA.	LEFT	RIGHT
<del>128+34</del>	<del>X</del>		266+02		X	346+65		X
<del>128+81</del>	<del>X</del>		279+52	X		347+64		X
<del>129+31</del>	<del>X</del>		280+52	X		348+64		X
<del>129+81</del>	<del>X</del>		281+52	X		349+62		X
<del>130+30</del>	<del>X</del>		282+51	X		361+87	X	
<del>130+78</del>	<del>X</del>		283+51	X		362+86	X	
144+88	X		284+51	X		372+78	X	
145+87	X		298+13	X		374+75	X	
146+77	X		298+93	X		375+74	X	
163+01	X		299+73	X		376+72	X	
197+89		X	300+52	X		377+72	X	
199+78		X	320+92	X		378+71	X	
223+95	X		321+82	X		491+74	X	
225+00	X		335+80	X		521+48	X	
227+52	X		336+80	X		522+81	X	
228+60		X	337+80	X		524+15	X	
229+50		X	338+80	X		534+42	X	
245+01	X		339+80	X		535+47	X	
248+37	X		340+72	X		553+55	X	
250+35	X		341+79	X		554+40	X	
251+35	X		342+78	X				
252+35	X		343+69		X			
257+10		X	343+78	X				
258+01	X		344+69		X			
258+09		X	344+79	X				
259+00	X		345+67		X			
259+11		X	345+79	X				
Pay Item 632.7000 - Reflector Marker with Type B Flexible Post - RM-2							68 EA	

LEGEND FOR  
AS-BUILT POSTINGS



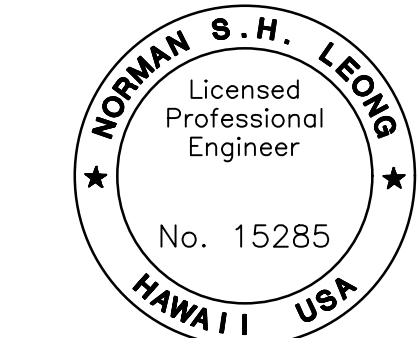


Roadway

Squiggly line for as-built deletion

Double line for as-built deletion

Text for as-built posting



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

Expiration Date of License 4/24

9/9/22

Revised Schedule

Date

Description

STATE OF HAWAII

DEPARTMENT OF TRANSPORTATION

HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULES

MAMALAHOA HIGHWAY

SAFETY IMPROVEMENTS

East and West of Puuwaawaa Ranch

Federal Aid Project No. HSIP-0190(018)

Scale: NTS

Date: July 2022

SHEET No.

1A

OF

2

SHEETS

AS-BUILT

ADD. 42

ORIGINAL PLAN	No.	SURVEY PLOTTED BY _____	DATE
			_____
			_____
			_____
NOTE BOOK	No.	DESIGNED BY _____	_____
			_____
			_____
			_____
DRAWN BY _____	No.	CHECKED BY _____	_____
			_____
			_____
			_____

STRIPING SCHEDULE SOUTH BOUND LANE		
STA. BEGIN	STA. END	LENGTH OF 6" SINGLE WHITE EDGE LINE (FT)
124+00	128+10 $\Delta$	376 $\Delta$
133+95	163+40	2,945
166+20	172+60	640
176+80	182+00 $\Delta$	520 $\Delta$
223+40	228+10	470
236+40	242+40	600
244+70	248+21	351
256+30	262+30	600
275+25	303+54	2,829
309+00	328+40	1,940
331+50	380+76	4,926
484+25	493+30	905
494+30	563+70	6,918

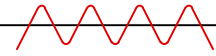
STRIPING SCHEDULE NORTH BOUND LANE		
STA. BEGIN	STA. END	LENGTH OF 6" SINGLE WHITE EDGE LINE (FT)
128+25	138+90	1,065
143+70	148+10	440
153+20	160+20	700
176+60	187+60	1,100
195+40	200+90	550
206+75	217+15	1,040
219+15	223+40	425
224+40	230+30	590
256+60	262+50	590
265+75	273+40	765
283+25	290+50	725
292+40	302+98	1,058
303+90	321+40	1,750
342+00	351+51	951
360+50	373+16	1,266
373+92	380+87	695
486+20	505+00	1,880
509+30	531+20	2,190
534+25	558+50	2,403
Pay Item 629.0405 - Single White 6-Inch Pavement Striping (Thermoplastic Extrusion)		39,312 LF $\Delta$

SHOULDER WIDENING SCHEDULE SOUTH BOUND LANE		
STA. BEGIN	STA. END	LENGTH
124+00	128+10 $\Delta$	376 $\Delta$
133+95	163+40	2,945
166+20	172+60	640
177+17	182+00 $\Delta$	483 $\Delta$
223+40	228+10	470
236+40	242+40	600
244+70	248+21	351
256+30	262+30	600
275+25	303+54	2,829
309+00	328+40	1,940
331+50	380+76	4,926
484+25	493+30	905
494+30	515+37	2,107
516+29	551+87	3536
553+28	563+70	1,042

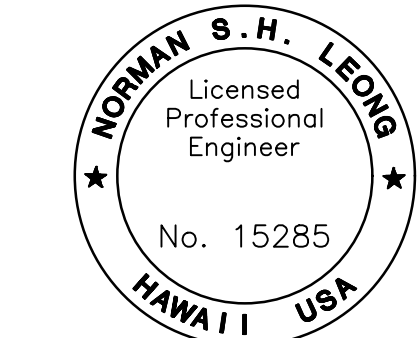
SHOULDER WIDENING SCHEDULE NORTH BOUND LANE		
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195+40	200+90	550
206+75	217+15	1,040
219+15	223+40	425
224+40	230+30	590
256+60	262+50	590
265+75	273+40	765
283+25	290+50	725
292+40	302+98	1,058
304+46	321+40	1,694
342+00	351+51	951
360+50	372+97	1,247
373+92	380+87	695
486+20	505+00	1,880
509+30	531+20	2,190
534+25	558+50	2,403
Roadway Shoulder Widening Subtotal		43,859 LF $\Delta$

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HSIP-0190(018)	2022	ADD. 43	70

LEGEND FOR  
AS-BUILT POSTINGS

  
~~100.00~~  
Roadway

Squiggly line for  
as-built deletion  
Double line for  
as-built deletion  
Text for as-built  
posting



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

Expiration Date of License 4/24

9/9/22  
Date

$\Delta$  Revised Limits  
Description

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

MISCELLANEOUS SCHEDULES

MAMALAHOA HIGHWAY  
SAFETY IMPROVEMENTS  
East and West of Puuwaawaa Ranch  
Federal Aid Project No. HSIP-0190(018)

Scale: NTS  
Date: July 2022

SHEET No. 2A OF 2 SHEETS

AS-BUILT

ADD. 43