

12/11/2014 3:49:50 PM W:_Civil\3D Projects\2014_027.001 ATKINS Saddle Road West Side Truck Escape Ramps\Roadway\Sheets\B-Summ\HI SR 200 00_MISCELLANEOUS SUM-01.dgn

STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(8)	B8	B9

CLEARING AND GRUBBING SUMMARY				
Item Number			20101-0000	Remarks
Station to Station			CLEARING AND GRUBBING	
			ACRE	
301+00	to	306+00	0.69	
306+00	to	320+00	2.06	
320+00	to	332+00	1.70	
575+00	to	586+00	0.75	
586+00	to	591+00	0.34	
632+00	to	642+00	1.22	
642+00	to	643+00	0.09	
TOTAL			6.85	

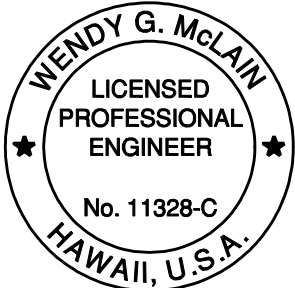
PERMANENT PAVEMENT MARKING SUMMARY							
Item Number			63314-0000	63401-0100		63406-0000	Remarks
Station to Station				PAVEMENT MARKINGS, TYPE A, SOLID			
				LNFT			
				4-INCH WIDTH	12-INCH WIDTH		
			RUMBLE STRIP (RAISED)	WHITE EDGE LINE	WHITE TRANSVERSE STRIPE	RAISED PAVEMENT MARKER	
			STA	(LNFT)	(LNFT)	EACH	
200+00	to	214+00	2				
301+00	to	306+00					
306+00	to	320+00					
320+00	to	332+00		4,378	1,770	15	
SUBTOTAL				4,378	1,770		
PROJECT TOTAL			2	6,148		15	

NOTES:
1. Quantities account for two (2) coats of traffic paint. Apply first coat at 210 sqft per gallon and second coat at 107 sqft per gallon.

EROSION CONTROL SUMMARY								
Item Number			15705-0100	15705-1400	15706-0200	15706-1100	62901-1000	Remarks
Station to Station			SOIL EROSION CONTROL, SILT FENCE	SOIL EROSION CONTROL, SEDIMENT LOG	SOIL EROSION CONTROL, CHECK DAM	SOIL EROSION CONTROL, INLET PROTECTION TYPE A	ROLLED EROSION CONTROL PRODUCT, TYPE 3.B	
			LNFT	LNFT	EACH	EACH	SQYD	
301+00	to	306+00	500 821	68	3	3 1	354	Includes staging area
306+00	to	320+00	506		28	9 5	2,634	
320+00	to	332+00	565		11	3	1,439	
575+00	to	586+00	158		45		2,820	Includes staging area
586+00	to	591+00			16		1,153	
632+00	to	642+00			7		5,078	
642+00	to	643+00		75			309	Includes staging area
Mamalaho Intersection				149		2		
TOTAL			1,571	217	110	17 8	13,787	

* Check dams may be of rock, sediment control log types, or A-shaped permeable berms

GUARDRAIL SUMMARY					
Item Number			61701-1200	61702-0600	61707-1000
Station to Station			GUARDRAIL SYSTEM G4, TYPE 2, CLASS A STEEL POSTS	TERMINAL SECTION, TYPE FLARED	STRUCTURE TRANSITION RAILING, G4 SYSTEM
			LNFT	EACH	LNFT
301+00	to	306+00			
306+00	to	320+00			
320+00	to	332+00	46	1	27
TOTAL			46	1	27



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
4/30/2016
SIGNATURE EXPIRATION DATE OF THE LICENSE

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

MISCELLANEOUS SUMMARIES

12/11/2014 3:50:18 PM W:_Civil\3D Projects\2014_027.001 ATKINS Saddle Road West Side Truck Escape Ramps\Roadway\Sheets\B-Summ\HI SR 200 00_MISCELLANEOUS SUM-02.dgn

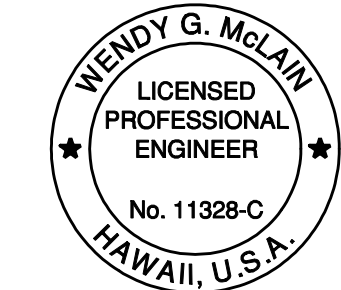
STATE	PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(8)	B9	B9

SURVEYING SUMMARY						
Item Number		15206-0000	15210-3000	15216-2000	Remarks	
Station	to	Station	SLOPE, REFERENCE, AND CLEARING AND GRUBBING STAKE	CENTERLINE, VERIFICATION AND STAKING		
			STA	STA		
301+00	to	306+00	5.00	5.00	10.00	
306+00	to	320+00	14.00	14.00	28.00	
320+00	to	332+00	12.00	12.00	24.00	
575+00	to	586+00		11.00	22.00	
586+00	to	591+00		5.00	10.00	
632+00	to	642+00	10.00	10.00	20.00	
642+00	to	643+00	1.00	1.00	2.00	
TOTAL			42.00	58.00	116.00	

TRAFFIC CONTROL SIGNS SUMMARY								
	W20-1	W21-5	W13-1P	G20-2	W20-5	W4-2	W1-4L	W1-4R
	Road Work Ahead	Shoulder Work	Advisory Speed	End Road Work	Lane Closed (with Distance)	Lane Ends	Reverse Curve	Reverse Curve
Dimension	36 x 36	36 x 36	24 x 24	36 x 18	36 x 36	36 x 36	36 x 36	36 x 36
Sign Area SQFT	9.0	9.0	4.0	4.5	9.0	9.0	9.0	9.0
Location/Type of Traffic Control Plan								
Truck Escape Ramp 301+00, Shoulder Closure	2	1	1	2				
Ditch at 575+00, Shoulder Closure	2	1	1	2				
Ditch at 632+00, Shoulder Closure	2	1	1	2				
Mamalahoa Intersection Safety Improvements, Shoulder Closure	2	1	1	2				
Truck Escape Ramp 301+00, Half Road Closure	2		1	2	4	2	1	1

TEMPORARY TRAFFIC CONTROL SUMMARY				
	63502-0300	63502-0700	63504-1000	Remarks
	TEMPORARY TRAFFIC CONTROL, ADVANCE WARNING ARROW PANEL, TYPE C	TEMPORARY TRAFFIC CONTROL, CONE	TEMPORARY TRAFFIC CONTROL, CONSTRUCTION SIGN	
	EACH	EACH	SQFT	
Truck Escape Ramp 301+00	2	273	112	
Roadside Ditch 575+00		24	40	
Roadside Ditch 632+00		19	40	
Mamalahoa Intersection Safety Improvements		30	40	
Project Total	2	346	232	

Notes:
1. Quantities assume no sharing of devices between work areas.



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