

MISCELLANEOUS SUMMARIES (1 of 3)

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(4)	C7	C9

EROSION CONTROL & SLOPE PROTECTION								MISC			
Item Number			15703	15709	15735	30612	62504B	62901C	20101	21101	62404N
Station to Station			Silt Fence (linear foot)	Check Dams** (each)	Sediment Control Log (each)	Dust Palliative*** (gal)	Mulching Hydraulic Method (acre)	Erosion Control Mat, Type 3 (square yard)	Clearing and Grubbing (acre)	Roadway Obliteration (square yard)	Placing Conserved Topsoil, 6-Inch Depth (square yard)
17+00	to	28+00	1690	12	0	2785	1.47	0	2.98	695	7828
28+00	to	42+00	620	52	28	3890	1.70	2961	4.60	291	11198
42+00	to	56+00	2615	7	0	3434	1.57	1734	3.88	340	9516
56+00	to	70+00	495	0	23	3920	1.74	5445	4.49	0	9747
70+00	to	84+00	320	19	48	3994	1.36	8396	4.79	0	10915
84+00	to	88+75	160	16	20	1135	0.34	1648	1.33	0	3117
*88+00	to	282+50	6823	111	0	44286	0.00	0	0.00	0	0
282+50	to	294+00	425	24	26	3212	1.15	1346	3.44	0	6800
294+00	to	308+00	1310	29	40	3573	1.64	1819	3.76	361	9406
308+00	to	322+00	750	5	0	5799	1.19	8991	5.41	943	12667
322+00	to	336+00	860	12	64	4190	2.05	5238	5.71	0	9914
336+00	to	340+50	415	0	0	1068	0.71	0	1.35	126	3540
*340+50	to	351+00	700	0	0	2400	0.00	0	0.00	0	0
351+00	to	353+00	340	0	42	481	0.56	91	0.83	84	2857
TOTAL			17523	287	291	84167	15.5	37669	42.6	2840	97505

*Station 88+00 to 282+50 & 340+50 to 351+00 quantity estimate for silt fence and check dam is to replace the existing devices as necessary (approximately one-half of those existing).

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

***Estimate based on half application (from edge of shoulder to edge of shoulder) at a rate of 1 gallon/70 ft2

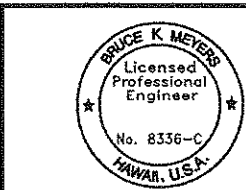
and one full application (from edge of ditch bottom to top of fill slope) at a rate of 1 gallon/35 ft2

except for station 88+00 to 282+50 & 340+50 to 351+00, which estimate is based on two half applications (from edge of shoulder to edge of shoulder) at a rate of 1 gallon/70 ft2

and one full application (from edge of shoulder to edge of shoulder) at a rate of 1 gallon/35 ft2.

APPROACH ROAD SUMMARY							
Item Number					15212A	30811	61701BBAA
Station +/- Side of Road	Type	Class	Access Type	Length (linear foot)	Minor Approach Road Survey and Staking (each)	Aggregate Surface Course (ton)*	Guardrail System G2, Type 2, Class A (linear foot)
18+10/L	1	A	Fire 1	70	1		
27+40/L	1	A	Fire 2	85	1		
294+25/L	1	A	Fire 7	65	1		
312+00/R	1	A	Pu'u	250	1	91.0	175
314+00/L	1	A	Water Tank	560	1	202.3	
319+71/L	2	D	Water Pump	98	1		
TOTAL				1128	6	293.3	175

*Application rate: 138.9lbs/ft³



The work was prepared by me or under my supervision and construction of this project will be under my observation.
Expiration Date of License: 12/31/2022

MISCELLANEOUS SUMMARIES (2 OF 3)

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(4)	C8	C9

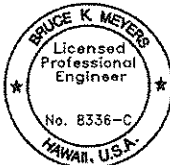
SIGN AND BARRICADE SUMMARY							
Item Number	*	63505B	63505C	Item Number	*	63505B	63505C
Station	Sign Installation on Barricade (each)	Barricade, Type 2 (each)	Barricade, Type 3 (each)	Station	Sign Installation on Barricade (each)	Barricade, Type 2 (each)	Barricade, Type 3 (each)
17+00	1		2	298+50L		2	
18+00L		2		298+50R		2	
18+00R		2		303+50L		2	
19+00L		4		303+50R		2	
24+50R		4		305+50L		2	
27+50L		2		309+50R		4	
29+00R		2		309+50L		3	
34+50R		2		310+00L		3	
36+00R		2		311+00L		2	
40+00R		2		312+00R		4	
42+00L		4		313+50R		3	
43+00L		2		316+00R		3	
43+00R		2		319+00R		2	
45+00R		2		319+50R		3	
46+00L		2		320+00L	1		2
46+50L		2		320+00R	1		2
49+50R		2		340+00R		2	
200+00R	1		2	350+50R		2	
294+00L		2		351+50L		2	
294+00R		2		353+00	1		20
296+50L		2					
TOTAL						87	28

CONSTRUCTION SIGN SUMMARY							
Item Number						63507	
MUTCD ref.	Message	Panel Dimensions (in x in)			Area (square feet)	Quantity	Construction Sign (square feet)
G20-2a	End Road Work	36	x	18	4.50	2	9
R11-2	Road Closed	48	x	30	10.00	5	50
W1-2(L)	Left Turn Arrow	48	x	48	16.00	1	16
W13-1	XX MPH	24	x	24	4.00	16	64
W20-1	Road Work Ahead	48	x	48	16.00	4	64
W20-1	Road Work 1500 FT	48	x	48	16.00	4	64
W20-1	Road Work 1000 FT	48	x	48	16.00	4	64
W20-1	Road Work 500 FT	48	x	48	16.00	4	64
TOTAL						40	395

EARTH BERM SUMMARY					
Item Number		15706	25101A	*	
Station to Station		Earth Berm (linear foot)	Placed Riprap, Class 1 (cubic yard)	Earthwork Geotextile, Type IV-E (square yard)	
17+00	to 28+00	600	72	483	
28+00	to 42+00	1365	164	1100	
42+00	to 56+00	355	43	286	
56+00	to 70+00	1400	169	1128	
70+00	to 84+00	1380	166	1112	
84+00	to 88+00	255	31	205	
282+50	to 294+00	1055	127	850	
294+00	to 308+00	710	85	572	
308+00	to 322+00	1495	180	1204	
322+00	to 336+00	475	57	383	
336+00	to 340+50	0	0	0	
351+00	to 353+00	0	0	0	
TOTAL		9090	1094	7323	

* Not a pay item. For information only.

EARTH BERM TRANSITION PROTECTION SUMMARY			
Item Number		62901C	15735
Station	Transition Length (ft)	Erosion Control Mat, Type 3 (square yard)	Sediment Control Log (each)
20+25L	30	27	3
29+00L	50	44	3
33+50R	50	44	3
55+00L	50	44	3
282+50L	50	44	3
296+50L	50	44	3
305+50L	50	44	3
306+00R	50	44	3
3+20 (PTA Ent)	30	27	3
TOTAL		410	27



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Expiration Date of License 12/08

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MISCELLANEOUS SUMMARIES (3 OF 3)

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(4)	C9	C9

WATERLINE SUMMARY									
Item Number		20302AD	61102GB	61102JB	61102QE	61104DEA	61104DHA	61105B	61105C
Station +/-	Offset +/- (linear foot)	Removal of Waterline (linear foot)	2-inch Waterline, Copper (linear foot)	3-inch Waterline, Copper (linear foot)	12-inch Waterline, Ductile Iron (linear foot)	Valve, Gate, 1-1/2" Ball Valve w/ Handle (each)	Valve, Gate, 2-1/2" Ball Valve w/ Handle (each)	Valve Box, Type A (each)	Valve Box, Type B (each)
311+50 to 319+60	-98 to 98	1175							
313+59	108						1		1
313+59 to 315+93	108 to 108			240					
315+93	106					1		1	
315+93	108						1		1
315+93	109					1		1	
315+93 to 319+54	109 to 108		365						
316+41 to 316+02	-103 to 103				210				
316+13	11								
316+18	-312								
316+30	-81								
316+34	-108					1		1	
319+54	108					1		1	
TOTAL		1175	365	240	210	4	2	4	2

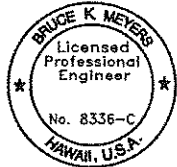
FENCE SUMMARY			
Item Number	20302V	61901AC	61904
Station	Removal of Fence (linear foot)	Fence, Woven Wire Type, 48-inch Height (linear foot)	Brace Panel 48-inch Height (each)
56+30 to 88+00	450	3300	
56+30			1
61+00			1
65+75			1
70+50			2
74+50			2
81+25			1
88+00			1
294+00 to 298+50	510		
TOTAL	960	3300	9

STRUCTURE AND OBSTRUCTION SUMMARY			
Item Number		20305	Object Description
Station +/-	Offset +/- (linear foot)	Romoval of Structures and Obstructions (LPSM)	
312+11	39	1	pole
312+14	41	1	pole
313+56	27	1	pole
316+83	30	1	pole
TOTAL		4	

ROCKERY SLOPE LINING SUMMARY		
Item Number	15735	25209
Station +/-	Sediment Control Log (each)	Rockery Slope Lining (square feet)
308+75 to 311+00	23	1630
TOTAL	23	1630

TRAFFIC CONTROL ACCESS ROAD SUMMARY			
Item Number		30811	62201DG
Access Road	Length	Aggregate Surface Course (ton)*	Bulldozer, D-9 (hour)
34+00 to 36+50	250	44.4	2
State Park Access Road	700	194.4	5
TOTAL	950	238.8	7

*Application rate: 138.9lbs/ft³



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Expiration Date of License 4/08

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