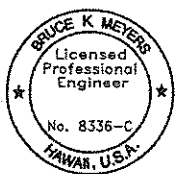


DRAINAGE SUMMARY

STATE	SADDLE ROAD PROJECT	SHEET NO.	TOTAL SHEETS
HI	HI A-AD 6(4)	C6	C9

STATION	Skew (degrees)	DRAINAGE STRUCTURE SURVEY AND STAKING (each)	CONCRETE (cubic yard) (for box culverts and wingwalls)	TEMPORARY DIVERSION CHANNEL (linear foot)	ROADWAY EXCAVATION (cubic yard) (Quantity accounted for in grading summary)	24-inch PIPE CULVERT (linear foot)	36-inch PIPE CULVERT (linear foot)	42-inch PIPE CULVERT (linear foot)	48-inch PIPE CULVERT (linear foot)	54-inch PIPE CULVERT (linear foot)	PLACED RIPRAP, CLASS 3 (cubic yard)	PLACED RIPRAP, CLASS 4 (cubic yard)	RUBBLE MASONRY, COARSE POINTED FINISH (cubic yard)	MORTARED RIPRAP, CLASS 3 (cubic yard)	REINFORCING STEEL (lbs)	STRUCTURAL EXCAVATION (cubic yard)	STRUCTURAL BACKFILL (cubic yard)	EARTHWORK GEOTEXTILE, TYPE IV-E (square yard)	FILTER MATERIAL (cubic yard)	* Not a pay item. For information only (incidental). **See detail sht. L15
		15204	60101	15725	20401	60201M	60201P	60201Q	60201R	60201S	25101C	25101D	62001CC	25105C	*	*	*	*	*	REMARKS
33+10	17	1	180	300								153		63	37,000	420	390	467	10	
33+50-R											24							64		Type II Slope Protection L=44'***
34+00-L											15							42		Type II Slope Protection L=29'***
53+40 to 55+24-L											102							266		Type II Slope Protection L=184'***
57+40	53	1								198		93	46	50				326		
58+50-L											21							56		Type II Slope Protection L=39'***
58+50-R											81							177		Type I Slope Protection L=59'***
70+00-R											57							131		Type I Slope Protection L=59'***
75+30	11	1					96				97		27	57				403		
77+50-R											46							111		Type I Slope Protection L=59'***
81+47	32	1							110		77	63	40	94				556		
82+00-R											43							114		Type II Slope Protection L=79'***
86+76	11	1						106				34	30	52				225		
284+00-R											42							98		Type I Slope Protection L=59'***
293+18	30	1								110		85	40	73				392		
296+50-L											15							42		Type II Slope Protection L=29'***
301+25-R											15							42		Fill Slope Protection
304+16	47	1	210	310								260		85	42,000	1170	720	722	15	
305+50-L											15							42		Type II Slope Protection L=29'***
306+00-R											15							42		Type II Slope Protection L=29'***
317+00	0	1				138														
321+40 to 328+88-L		1			2186						130							278		Cut-off drainage channel. See G5
328+71	13	1	220	250								125		78	39,000	710	680	465	15	
334+29	34	1				136					26		19	25				149		
335+88	34	1				130					19		21	25				136		
351+98	38	1	330	320								303		109	60,000	1020	940	850	15	



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

Expiration Date of license 4/08