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The quantities, locations, and skews shown heron are approximate and are subject to field adjustment. Do not order culvert pipe or appurtenances until the actual quantities are approved in the field by the Contracting Officer.

PTA DRAINAGE SUMMARY

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
9	HI	HI-A-AD-6(2) Saddle Road	C7	C10

Station	Skew (degrees)	DRAINAGE STRUCTURE SURVEY AND STAKING (each)	CONCRETE (cubic yard)	TEMPORARY DIVERSION CHANNEL (linear foot)	ROADWAY EXCAVATION (cubic yard)	18-inch PIPE CULVERT (linear foot)	24-inch PIPE CULVERT (linear foot)	30-inch PIPE CULVERT (linear foot)	36-inch PIPE CULVERT (linear foot)	42-inch PIPE CULVERT (linear foot)	48-inch PIPE CULVERT (linear foot)	END SECTION for 24-inch (each)	END SECTION for 30-inch (each)	END SECTION for 36-inch (each)	END SECTION for 42-inch (each)	PLACED RIPRAP, CLASS 3 (cubic yard)	PLACED RIPRAP, CLASS 4 (cubic yard)	RUBBLE MASONRY, COURSE POINTED FINISH (cubic yard)	MORTARED RIPRAP, CLASS 3 (cubic yard)	STRUCTURE EXCAVATION (cubic yard)	STRUCTURAL BACKFILL (cubic yard)	EARTHWORK GEOTEXTILE, TYPE IV-E (sward yard)	FILTER MATERIAL (cubic yard)	REMARKS	
		15204	60101	15725	20401	60201K	60201M	60201N	60201P	60201Q	60201R	60206M	60206N	60206P	60206Q	25101C	25101D	62001CC	25105C	*	*	*	*		
91+00-L																16						42		Type II Slope Protection**, Length = 29'	
92+50-R																16						42		Type II Slope Protection**, Length = 29'	
97+00-98+20L																			172			400		Rock Lined Slope & Channel	
111+00-R																16						42		Type II Slope Protection**, Length = 29'	
112+00-L																16						42		Type II Slope Protection**, Length = 29'	
114+51	23	1								170					2		29		6				86		
123+67	1	1									90						90	36	66				348		
126+00-R																16						42		Type II Slope Protection**, Length = 29'	
125+00-130+50L																382			89			216		Rock Lined Channel	
130+10						76										36			15			0		Fire Access No. 4	
138+44	10	1	3					212								16			7			67			
141+38	31	1					112					2				12			4			47			
148+52	1	1					92					2				7						20			
151+56	6	1	150	300													75		55	460	465	331	15		
162+00	0	1						86					2			14		16	4			49			
164+50-L																16						42		Type II Slope Protection**, Length = 29'	
165+00-R																33						85		Type I Slope Protection**, Length = 59'	
175+00	37	1	3				240									22		16				54			
179+15	60	1							180					2			27					57			
187+19	32	1					100					2				12			4			50			
190+50-L																16						42		Type II Slope Protection**, Length = 29'	
192+50-R																33						85		Type I Slope Protection**, Length = 59'	
201+51	0	1	275														109		63	490	835	380	15		
205+00-L																16						42		Type II Slope Protection**, Length = 29'	
210+45	14	1					94					2				12			4			49			
223+00	60	1	400	400													285		82	1580	700	763	15		
234+10	36	1							124					2			27		4			74			
240+50-L																16						42		Type II Slope Protection**, Length = 29'	
240+50-R																16						42		Type II Slope Protection**, Length = 29'	
249+74	23	1					102					2					14		5			54			
257+45	12	1						96					2			14			4			53			
SCHEDULE A TOTAL		13	831	700	0	76	638	298	180	170	90	8	2	2	2	675	615	68	399	2530	2000	2939	45		
SCHEDULE B TOTAL		16	831	700	0	76	740	394	304	170	90	10	4	4	2	753	656	68	584	2530	2000	3688	45		