

QUANTITY SHEET

APPROXIMATE SUMMARY OF QUANTITIES

EROS. CONT.	UTIL.	RAILROAD*	RETAINING WALL	BR-4	BR-5	BR-6	ROADWAY	QUANTITIES		ITEMS	ITEM NO.	ROUNDING
								GRAND TOTAL	UNIT			
								7	EA	CLEARING AND GRUBBING PLUS INDIVIDUAL TREES & STUMPS	201.10	
										DEMOLITION AND DISPOSAL OF BUILDINGS	202.10	
										*1 POSTS AND CONC SLABS		
										*2 STEEL RAILING AND CONC SLAB		
										*3 WOODEN STEPS, LANDING AND RAILINGS		
										*4 SHED		
										*5 SHED		
										*6 BARN		
										*7 BARN		
							89370	89370	CY	COMMON EXCAVATION	203.15	16
			210				66280	66490	CY	SOLID ROCK EXCAVATION	203.16	20
							6970	6970	CY	MUCK EXCAVATION	203.20	
				102	201	71	1836	2220	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	10
							245	245	CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	5
							19725	19725	CY	SAND BORROW	203.31	19
			735	95	205		10015	11050	CY	GRANULAR BORROW	203.32	23
							124900	124900	SY	FINE GRADE - SUBGRADE	203.40	11
							11,000	11,000	CY	TRENCH EXCAVATION OF EARTH	204.20	7
							520	520	CY	TRENCH EXCAVATION OF ROCK	204.21	8
			4315	285	370		1605	6575	CY	STRUCTURE EXCAVATION	204.25	10
			2330	165	205	195	655	3550	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	10
										COFFERDAM	204.40	
									LS	ABUTMENT #1 - BR-6 STA. 201+96.00		
									LS	ABUTMENT #2 - BR-6 STA. 201+94.49		
							12425	12425	SY	SCARIFYING PAVEMENT	212.20	12.2
10							75765	75775	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	5
							435	435	CY	AGGREGATE SURFACE COURSE	401.10	1
										DELETED		
			26			26	18,972	19,034	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	4
							138	138	CY	CONCRETE, CLASS A	501.22	
			1630	132	224	267	87	2340	CY	CONCRETE, CLASS B	501.25	2
			135					135	CY	CONCRETE, CLASS C	501.30	
								1	LS	FURNISH EQUIPMENT FOR PILE DRIVING	504.10	
							2970		LF	STEEL PILING (HP 12x53)	505.15	
			128,364	26500	42700		725	198,489	LB	REINFORCING STEEL	507.15	
							52740	52740	LB	EPOXY COATED REINFORCING STEEL	507.17	
			49	3	7	9		69	GAL	WATER REPELLENT	514.10	
							205	205	SY	SHEET MEMBRANE WATERPROOFING	519.20	
							2	2	GAL	JOINT SEALER, HOT POURED	524.10	
			5					5	GAL	JOINT SEALER, POLYURETHANE	524.20	
							112	112	LF	METAL HAND RAILING	525.15	1
							103	103	LF	BRIDGE RAILING - 2 RAIL GALV. BOX BEAM	525.31	
			26					1	LS	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS	527.10	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
87225	CY	MAINLINE
2129	CY	DRENES/APPROACHES
210	CY	WALL REMOVAL
16	CY	ROUNDING
89580	CY	TOTAL
		SOLID ROCK EXCAVATION
64370	CY	MAINLINE
1792	CY	2% BOULDERS (EST.)
123	CY	DRENES/APPROACHES
170	CY	RETAINING WALL
20	CY	ROUNDING
66475	CY	TOTAL
		TRENCH EARTH EXCAVATION
10	CY	TEST TRENCH (EST.)
20	CY	EXPLORATION TRENCH (EST.)
6122	CY	DRAINAGE
2467	CY	UNDERDRAINS
11	CY	ROUNDING
8630	CY	TOTAL
		TRENCH ROCK EXCAVATION
231	CY	DRAINAGE
173	CY	2% OF TRENCH EARTH (EST.)
6	CY	ROUNDING
410	CY	TOTAL
		SUBBASE OF DENSE GRADED CRUSHED STONE
72591	CY	MAINLINE
2710	CY	DRENES
459	CY	APPROACHES
10	CY	TEMP. EROSION CONTROL
5	CY	ROUNDING
75775	CY	TOTAL
		BITUMINOUS CONCRETE PAVEMENT SURFACE COURSE
4847	TON	MAINLINE
3090	TON	SHOULDERS
345	TON	DRENES
77	TON	APPROACHES
		BASE COURSE
10581	TON	MAINLINE
64	TON	APPROACHES
26	TON	BR-6
4	TON	ROUNDING
19,034	TON	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		SAND BORROW
19231	CY	MAINLINE
475	CY	UNDERDRAIN
19	CY	ROUNDING
19725	CY	TOTAL
		UNCLASSIFIED CHANNEL EXCAVATION
469	CY	DITCHES
770	CY	RELOCATED STREAM
597	CY	HIGHWAY CULVERTS
102	CY	BR-4
201	CY	BR-5
71	CY	BR-6
10	CY	ROUNDING
2220	CY	TOTAL
		GRANULAR BORROW
6970	CY	MAINLINE
735	CY	RETAINING WALL
3022	CY	HIGHWAY CULVERTS
95	CY	BR-4
205	CY	BR-5
23	CY	ROUNDING
11050	CY	TOTAL
		STRUCTURAL EXCAVATION
4315	CY	RETAINING WALL
1595	CY	HIGHWAY CULVERTS
285	CY	BR-4
370	CY	BR-5
10	CY	ROUNDING
6575	CY	TOTAL
		GRANULAR BACKFILL FOR STRUCTURES
2330	CY	RETAINING WALL
642	CY	HIGHWAY CULVERTS
165	CY	BR-4
205	CY	BR-5
195	CY	BR-6
13	CY	ROUNDING
3550	CY	TOTAL

STATIONS		PAVEMENT WIDTHS			EQUATIONS		FEET	MILES	REMARKS
FROM	TO	TRAVEL LANES	LEFT SHOULDER	RIGHT SHOULDER	+	-			
40+10	42+00	12'	1'-6"	1'-8"			190.00	0.036	
42+00	45+00	12'	6'	8'			300.00	0.057	
45+00	45+50	12'	6'-8"	8'			50.00	0.009	
45+50	46+99.38	12'	8'	8'		0.30	149.38	0.028	
46+99.38	99+44.08	12'	8'	8'		1.47	5244.40	0.973	
99+44.08	169+00	12'	8'	8'			6954.45	1.317	
169+00	170+00	12'	8'-4"	8'			100.00	0.019	
170+00	178+91.26	12'	4'	8'		4.58	891.26	0.169	
178+91.26	178+45	12'	4'	8'			199.16	0.369	
178+45	199+65	12'	4'-8"	8'			120.00	0.023	
199+65	250+81.83	12'	8'	8'			5116.83	0.969	
TOTALS							21,065.48	3.989	

PROJECT NAME Pownal - VT 346
 PROJECT NUMBER RS 0107 (7)