

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET



SUMMARY OF ESTIMATED QUANTITIES

NON-GOVT. PARTICIPATING	UTILITY	E & C ITEMS	TRAINING	EROSION CONTROL	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
						1	1	LS	CLEARING AND GRUBBING (INCLUDING INDIVIDUAL TREES AND STUMPS)	201.10	-
						3740	3740	CM	COMMON EXCAVATION	203.15	41
					1580		1580	CM	UNCLASSIFIED CHANNEL EXCAVATION	203.27	
						20	20	CM	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	1
						9350	9350	CM	EARTH BORROW	203.30	91
						3200	3200	CM	SAND BORROW	203.31	34
						130	130	CM	GRANULAR BORROW	203.32	
						9790	9790	SM	FINE GRADING-SUBGRADE	203.40	98
				40		640	680	CM	TRENCH EXCAVATION OF EARTH	204.20	5
					265	55	320	CM	GRANULAR BACKFILL FOR STRUCTURES	204.30	0.4
					80		80	CM	COFFERDAM EXCAVATION, EARTH	208.30	
					710		710	CM	COFFERDAM EXCAVATION, ROCK	208.35	
					1		1	LS	COFFERDAM (STA 5+480)	208.40	
					1		1	LS	COFFERDAM (STA 5+538)	208.40	
					1		1	LS	COFFERDAM (MOD-STA 5+510)	208.40	
						120	120	SM	COLD PLANING-BIT. PAVEMENT	210.10	2
				200		3745	3945	CM	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	38
						150	150	CM	AGGREGATE SURFACE COURSE	401.10	4
						910	910	KG	EMULSIFIED ASPHALT	404.65	7
						1950	1950	T	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25	20
						4	4	CM	CONCRETE, CLASS B	501.25	
					250		250	CM	CONCRETE, HIGH PERFORMANCE CLASS A	501.33	
					440		440	CM	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	
					1		1	LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10	
					1215		1215	M	STEEL PILING (HP 360 X 108)	505.17	
					64,400		64,400	KG	STRUCTURAL STEEL (PLATE GIRDER)	506.55	
					147,000		147,000	KG	STRUCTURAL STEEL (TRUSS)	506.60	
					17,551	12	17,563	KG	REINFORCING STEEL	507.15	
					37,790		37,790	KG	EPOXY COATED REINFORCING STEEL	507.17	
					1		1	LS	SHEAR CONNECTORS (1160 CONNECTORS 22 DIA X 180)	508.15	
					1		1	LS	STRUCTURAL PAINTING, SHOP APPLIED (MOD - GALVANIZING FOR TRUSS BRIDGE)	513.25	
					1		1	LS	STRUCTURAL PAINTING, SHOP APPLIED (APPROACH)	513.25	
					1		1	LS	SURFACE PREPARATION, SHOP (APPROACH)	513.40	
					150		150	L	WATER REPELLENT (MOD)	514.10	
					11		11	M	BRIDGE EXPANSION JOINT	516.10	
					775		775	SM	SHEET MEMBRANE WATERPROOFING (MOD-TORCH APPLIED)	519.20	
					185		185	M	BRIDGE RAILING - NETC 2 RAIL	525.33	
					1		1	LS	ONE-WAY TEMPORARY BRIDGE	528.10	
					1		1	EA	PARTIAL REMOVAL OF STRUCTURE	529.20	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
3255	CM	VT ROUTE 100
209	CM	TH 56
99	CM	TH 41
95	CM	TH 43
41	CM	DRIVES
3699	CM	SUBTOTAL
41	CM	ROUNDING
3740	CM	TOTAL
		TRENCH EXCAVATION OF EARTH
280	CM	PROPOSED CULVERT EXCAVATION
197	CM	EXISTING CULVERT EXCAVATION
2	CM	STONE FILL PADS
58	CM	STONE FILL ON SLOPE STA 5+380-0+120 (TH 41)
98	CM	DITCH ALONG TH 56
40	CM	TEMPORARY EROSION CONTROL
675	CM	SUBTOTAL
5	CM	ROUNDING
680	CM	TOTAL
		SUBBASE OF DENSE GRADED CRUSHED STONE
2370	CM	VT ROUTE 100
322	CM	TH 56
392	CM	TH 41
404	CM	TH 43
219	CM	DRIVES
200	CM	TEMPORARY EROSION CONTROL
3907	CM	SUBTOTAL
38	CM	ROUNDING
3945	CM	TOTAL
		AGGREGATE SURFACE COURSE
49	CM	TH 56
43	CM	TH 41
44	CM	TH 43
10	CM	DRIVES
146	CM	SUBTOTAL
4	CM	ROUNDING
150	CM	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
		TYPE IV TYPE III TYPE II TYPE I
106	T	APPROACH 0 38 34 34
1088	T	VT ROUTE 100 0 389 389 310
153	T	BRIDGE 66 87 0 0
502	T	DETOUR 0 502 0 0
31	T	DRIVES 0 31 0 0
26	T	TH 43 0 14 12 0
26	T	TH 41 0 14 12 0
1932	T	SUBTOTAL 66 1075 447 344
18	T	ROUNDING
1950	T	TOTAL
		PROJECT NAME : JAMAICA PROJECT NO. : BRF 013-1(8)
		DESIGN FILE NAME: PLOT DATE:
		IPARM FILE NAME: SURVEY DATE:
		SURVEYED BY: DRAWN BY: SMC
		SQUAD LEADER: SHEET: 7 OF 116