

STATE OF VERMONT AGENCY OF TRANSPORTATION														QUANTITY SHEET										Metric					
SUMMARY OF ESTIMATED QUANTITIES																TOTALS			DESCRIPTIONS						DETAILED SUMMARY OF QUANTITIES				
				FULL C.E. ITEMS		ROADWAY		JUNCTION BOX		ABUTMENT NO.2		ABUTMENT NO.1		DECK		BRIDGE QUANTITY	ROUND	GRAND TOTAL	FINAL	UNIT	ITEMS		ITEM NUMBER	QUANTITIES	UNIT	ITEMS			
						410												410		CM	COMMON EXCAVATION		203.15			BITUMINOUS CONCRETE PAVEMENT (PG 70-28)			
						20						10				10		30		CM	SOLID ROCK EXCAVATION		203.16						
						50												50		CM	TRENCH EXCAVATION OF EARTH		204.20	156	T	ROADWAY: TYPE I OR TYPE II			
						25												25		CM	TRENCH EXCAVATION OF ROCK		204.21	215	T	TYPE III			
										20		40				60		60		CM	STRUCTURE EXCAVATION		204.25	26	T	TYPE IV (6mm LEVELING COURSE)			
						15		15		20		20				40		70		CM	GRANULAR BACKFILL FOR STRUCTURES		204.30	397	T	SUBTOTAL			
								40										40		CM	COFFERDAM EXCAVATION, EARTH		208.30			BRIDGE: TYPE III			
								2										2		CM	COFFERDAM EXCAVATION, ROCK		208.35	36	T	TYPE IV			
								1										1		LS	COFFERDAM		208.40	63	T	SUBTOTAL			
						1820												1820		SM	COLD PLANING-BIT.PAVEMENT		210.10						
						450												450		CM	SUBBASE OF DENSE GRADED CRUSHED STONE		301.35						
						490								40		40		530		KG	EMULSIFIED ASPHALT		404.65						
						397								63		63		480		T	BITUMINOUS CONCRETE PAVEMENT (PG 70-28)		406.25						
														148		148		148		CM	CONCRETE, HIGH PERFORMANCE CLASS A		501.33						
						13		13		18		33				51		77		CM	CONCRETE, HIGH PERFORMANCE CLASS B		501.34						
										1		1				2		2		CM	MORTAR, TYPE IV		501.58						
														53160		53160		53160		KG	STRUCTURAL STEEL(PLATE GIRDER)		506.55						
						680		1070		1590		2560				4150		5900		KG	REINFORCING STEEL		507.15						
										60		95				155		155		M	DRILLING AND GROUTING DOWELS		507.16						
						510								26260		26260		26770		KG	EPOXY COATED REINFORCING STEEL		507.17						
														1		1		1		LS	SHEAR CONNECTORS (2155 - 22 DIA. X 178 STUDS)		508.15						
										5		10		10		25		25		L	WATER REPELLENT		514.10						
														15		15		15		M	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG-TYPE)		516.10						
														381		381		381		SM	SHEET MEMBRANE WATERPROOFING (TORCH APPLIED)		519.20						
														50		50		50		M	METAL HAND RAILING (MOD.)		525.15						
														46		46		46		M	BRIDGE RAILING -GALVANIZED BOX BEAM/PEDESTRIAN (MOD.)		525.32						
						1											1		LS	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS		527.10							
														346		346		346		SM	REMOVAL OF BRIDGE PAVEMENT		529.10						
														1		1		1		EACH	PARTIAL REMOVAL OF STRUCTURE		529.20						
										9		10				19		19		EACH	BEARING DEVICE ASSEMBLY		531.10						
						5.5											6		M	450 mm RCP CLASS III		601.0815							
						5.5											6		M	1050 mm RCP CLASS III		601.0850							
																				*** BEGIN PIPE OPTIONS ***									
						20.8											21		M	450 mm RCP CLASS III		601.0815							
						20.8											21		M	450 mm CPEP (SL)		601.2815							
																				*** END PIPE OPTIONS ***									
												4				4		4		CM	DRY RUBBLE MASONRY		602.20						
								1									1			EACH	PRECAST REINFORCED CONCRETE MANHOLE WITH CAST IRON COVER		604.21						
						8											8			EACH	CHANGING ELEV. OF DROP INLETS, CATCH BASINS OR MANHOLES		604.40						
						2											2			EACH	CHANGING ELEVATION OF SEWER MANHOLE		604.42						
						4											4			EACH	CAST IRON GRATE WITH FRAME, TYPE D		604.47						
						10											10		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I		608.25							
						62											62		M	VERTICAL GRANITE CURB		616.21							
																									PROJECT NAME: BRATTLEBORO				
																									PROJECT NUMBER: BHF 2000 (17)				
																									FILE NAME: I94j078StructuresI94j078qs.xls				
																									PLOT DATE: 02/04/2003				
																									PROJECT MANAGER: R. R. WHITCOMB				
																									DRAWN BY: G. ROY				
																									DESIGNED BY: T. SUMNER				
																									CHECKED BY: T. SUMNER				
																									QUANTITY SHEET #1				
																									SHEET 4 OF 71				