STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY ESTIMATE

DESCRIPTION: TYPE A COIR BANK STABILIZATION STA 1+00 - 4+40, RT	ROCK VANE STA 4+00, RT	ROCK VANE STA 6+50, RT	LOG VANE STA 8+25, LT	J VANE STA 9+25, LT	CONSTRUCTED RIFFLE STA 10+60	ROOT WADS WITH CROSS BRACING STA 12+60 - 13+00, RT	ROCK VANE WITH REFUSAL STA 13+25, RT	TREE REVETMENT STA 13+60 - 14+20, RT	ROCK VANE STA 14+20, RT	TREE REVETMENT STA 14+80 - 15+20, RT	J VANE STA 15+25, RT	CONSTRUCTED RIFFLE STA 16+90	CHANNEL BLOCK STA 18+50, RT	ROOT WADS WITH PINNING STA 18+80 - 19+00, LT	LOG VANE WITH REFUSAL STA 19+25, LT	TREE REVETMENT STA 19+60 - 20+50, LT	LOG VANE STA 20+25, LT	TREE REVETMENT STA 20+80 - 21+50, LT	J VANE STA 21+25, LT	TYPE B COIR BANK STABILIZATION STA 22+50 - 23+50, LT	CONSTRUCTED RIFFLE STA 22+90	CHANNEL BLOCK STA 23+25, RT	ROCK WEIR STA 25+00	ROCK VANE WITH REFUSAL STA 27+25, RT	TREE REVETMENT STA 27+50 - 28+10, RT	ROCK WEIR STA 28+60	TREE REVETMENT STA 29+70 - 29+90, RT		EARTHWORKS		MISCELLANEOUS		REMOVE HISTORIC BRIDGE ABUTMENT		FARM DRIVE CROSSING		ZONE 'A' PLANTINGS	ZONE 'B' PLANTINGS	TOTALS: ROUND	GRAND TOTAL	FINAL		SUMMARY OF QUANTITIES: QUANTITIES	UNIT	ITEMS
																												1												1	1		1	LS	CLEARING AND GRUBBING
																												29050												29050	29050		29050	CY	COMMON EXCAVATION
																																25								25	25		25	CY	REMOVAL OF CONCRETE OR MASONRY
111	74	74	34	157	190	15	132	10	74	10	157	190		15	92	10	34	10	157	6	190		175	132	10	175	10												6	2244	2250		2250	CY	UNCLASSIFIED CHANNEL EXCAVATION
					95							95									95																		5	285	290		290	CY	GRANULAR BORROW (MOD.)
													920									450						6770												8140	8140		8140	CY	EARTH BORROW
																																						15				15	15		15	CY	CRUSHED GRAVEL (704.05 A)
	7	7		7			7		7		7								7				7	7		7																70	70		70	CY	STONE FILL, TYPE I
					95							95									95																		5	285	290		290	CY	STONE FILL, TYPE II (MOD.)
																																										650	650		650	CY	STONE FILL, TYPE IV
276	148	148	27	258			206		148		258			21	85		27		258				350	206		350																34	2766	2800		2800	CY	STONE FILL, TYPE IV (MOD.)
			2	1		3					1			3	2		2		1				2			2																19	19		19	EA	ROOT WAD WITH BOLE
			400			210								60	400		400																									1470	1470		1470	LF	12" DIA. LOG
								4		4						4		4								4		4															24	24		24	EA	12" DIA. TREE, 10' - 20' LONG
			45												45		45																									135	135		135	SY	GEOTEXTILE FOR FILTER CURTAIN
																																						55				55	55		55	SY	GEOTEXTILE UNDER STONE FILL
201													1190							132		520																			7	2043	2050		2050	SY	COCONUT FIBER FABRIC
																				300																						300	300		300	LF	12" DIA. COCONUT FIBER LOG
			40	10		30		40		40	10			30	40	40	40	40	10				20		40	20	40															10	490	500		500	LF	1/4" AIRCRAFT CABLE
			1	1		3		4		4	1			3	1	4	1	4	1				2		4	2	4																40	40		40	EA	DUCKBILL ANCHOR
																				180																						180	180		180	EA	GRADE STAKES, 4' LONG
																				90																						90	90		90	EA	#4 REBAR, 4' LONG
																																					2					2	2		2	EA	21" CMP END SECTION
36													82							36		40						970													6	1164	1170		1170	CY	TOPSOIL
																												600														600	600		600	LB	SEEDING
																												20														20	20		20	TON	HAY MULCH
																																							19				19	19		19	EA	2 1/2" CAL. RED MAPLE
																																							33				33	33		33	EA	1 1/2" CAL. RED MAPLE
																																							19				19	19		19	EA	2 1/2" CAL. SUGAR MAPLE
																																							19				19	19		19	EA	2 1/2" CAL. GREEN ASH
																																							33				33	33		33	EA	1 1/2" CAL. GREEN ASH
																																							19				19	19		19	EA	2 1/2" CAL. WHITE ASH
																																							33				33	33		33	EA	1 1/2" CAL. WHITE ASH
																																							33				33	33		33	EA	1 1/2" CAL. SERVICEBERRY
																																							33	7			40	40		40	EA	HIGHLAND CRANBERRY (1 GAL.)
																																							33	7			40	40		40	EA	HIGHLAND CRANBERRY (BARE ROOT)
																																							33	7			40	40		40	EA	NANNYBERRY (1 GAL.)
																																							33	7			40	40		40	EA	NANNYBERRY (BARE ROOT)
																																							33	7			40	40		40	EA	ELDERBERRY (1 GAL.)
																																							33	7			40	40		40	EA	ELDERBERRY (BARE ROOT)
																																							33	7			40	40		40	EA	WITCH-HAZEL (1 GAL.)
																																							33	7			40	40		40	EA	WITCH-HAZEL (BARE ROOT)
																																							33				33	33		33	EA	SPECKLED ALDER (1 GAL.)
																																							33				33	33		33	EA	SPECKLED ALDER (BARE ROOT)
																																							33	7			40	40		40	EA	GRAY DOGWOOD (1 GAL.)
																																							33	7			40	40		40	EA	GRAY DOGWOOD (BARE ROOT)
																																							33	7			40	40		40	EA	RED-OSIER DOGWOOD (1 GAL.)
																																							33	7			40	40		40	EA	RED-OSIER DOGWOOD (BARE ROOT)
																				1200																						1200	1200		1200	EA	SOFTRUSH (2 INCH PLUG)
													480									210								100											10	790	800		800	EA	WILLOW WHIPS
													430									220								100												750	750		750	LF	WILLOW FASCINES
																															50												50	50		50	EA	WILLOW WATTLES
																															100												100	100		100	EA	WILLOW "LIVE STAKES"
																															200												200	200		200	EA	WILLOW "STICKERS"
																															25												25	25		25	EA	TRANSPLANTING TREES

THE VERMONT AGENCY OF TRANSPORTATION (VAOT) IS PROVIDING THIS SHEET FOR INFORMATION ONLY.

THE ITEMS SHOWN ON THIS SHEET ARE NOT BID ITEMS. THE QUANTITIES SHOWN ARE ESTIMATED AMOUNTS.

TROUT RIVER RESTORATION
ESTIMATED ITEM BREAKDOWN
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