

STATE OF VERMONT AGENCY OF TRANSPORTATION															QUANTITY SHEET										Metric		
SUMMARY OF ESTIMATED QUANTITIES															TOTALS			DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES					
ROADWAY		CHANNEL		SUPER- STRUCTURE		ABUT 1		ABUT 2		APPR SLAB 1		APPR SLAB 2	TRAINING	EROSION CONTROL	FULL E&C	BRIDGE QUANTITY	ROUND	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS		
1																		1		LS	CLEARNG AND GRUBBNG (INCL. INDV. TREES & STUMPS)	201.10			COMMON EXCAVATION		
950																		950		CM	COMMON EXCAVATION	203.15	890	CM	ROADWAY: T. H. 1		
450		510															510		960		CM	UNCLASSIFIED CHANNEL EXCAVATION	203.27	50	CM	T. H. 12	
470						20		20									40		510		CM	SAND BORROW	203.31	10	CM	FIELD DRME	
10																		10		CM	GRANULAR BORROW	203.32	950	CM	TOTAL		
2700																		2700		SM	FINE GRADING-SUBGRADE	203.40			SAND BORROW		
100														10				110		CM	TRENCH EXCAVATION OF EARTH	204.20	400	CM	ROADWAY: T. H. 1		
						330		330									660		660		CM	STRUCTURE EXCAVATION	204.25	70	CM	T. H. 12	
						450		430									880		880		CM	GRANULAR BACKFILL FOR STRUCTURES	204.30	470	CM	TOTAL	
						245		205									450		450		CM	GRANULAR BACKFILL FOR STRUCTURES (MOD. - EPS100 GEOFOAM)	204.30			SUBBASE OF DENSE GRADED CRUSHED STONE	
						230		220									450		450		CM	COFFERDAM EXCAVATION, EARTH	208.30	2010	CM	ROADWAY: T. H. 1	
						120		110									230		230		CM	COFFERDAM EXCAVATION, ROCK	208.35	260	CM	T. H. 12	
						1											1		1		LS	COFFERDAM (ABUTMENT NO. 1)	208.40	60	CM	DRVES	
								1									1		1		LS	COFFERDAM (ABUTMENT NO. 2)	208.40	2330	CM	TOTAL	
140																		140		SM	COLD PLANING-BITUMINOUS PAVEMENT	210.10			EMULSIFIED ASPHALT		
2330														10				2340		CM	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	410	KG	ROADWAY: T. H. 1		
15																		15		CM	AGGREGATE SURFACE COURSE	401.10	50	KG	T. H. 12		
460				30						10		10					50		510		KG	EMULSIFIED ASPHALT	404.65	460	KG	TOTAL	
870				54						10		10					74		944		T	BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	406.25	30	KG	DECK:	
				88		1											89		89		CM	CONCRETE, HIGH PERFORMANCE CLASS A	501.33	10	KG	APPROACH SLAB NO. 1	
						121		111		19		20					271		271		CM	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	10	KG	APPROACH SLAB NO. 2	
				1													1		1		LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10			BITUMINOUS CONCRETE PAVEMENT	
						880		590									1470		1470		M	STEEL PILING (HP 360 X 108)	505.17	759	T	ROADWAY: T. H. 1	
				61330													61330		61330		KG	STRUCTURAL STEEL(PLATE GIRDER)	506.55	88	T	T. H. 12	
						8815		8190									17005		17005		KG	REINFORCING STEEL	507.15	23	T	DRVES	
				12210		65		65		1355		1445					15140		15140		KG	EPOXY COATED REINFORCNG STEEL	507.17	870	T	TOTAL	
				1													1		1		LS	SHEAR CONNECTORS (1030 ~ 22 x 180)	508.15	54	T	DECK:	
				1													1		1		LS	STRUCTURAL PAINTING,SHOP APPLIED (6 METRIC TONS)	513.25	10	T	APPROACH SLAB NO. 1	
				1													1		1		LS	SURFACE PREPARATION,SHOP (6 METRIC TONS)	513.40	10	T	APPROACH SLAB NO. 2	
				25		6		6									37		37		L	WATER REPELLENT (MOD. - SILANE)	514.10			TEMPORARY EROSION CONTROL ITEMS (INCLUDED IN EROSION CONTROL ITEMS)	
				10													10		10		M	BRIDGE EXPANSION JOINT (VERMONT)	516.10	10	CM	TRENCH EXCAVATION OF EARTH	
				10													10		10		M	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG)	516.10	10	CM	SUBBASE OF DENSE GRADED CRUSHED STONE	
				290													290		290		SM	SHEET MEMBRANE WATERPROOFNG (MOD. - TORCH APPLIED)	519.20	10	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	
				81													81		81		M	BRIDGE RAILNG - NETC 2 RAIL	525.33	10	CM	STONE FILL, TYPE I	
1																		1		LS	TWO-WAY TEMPORARY BRIDGE (240 SM) (MOD.)	528.11	10	CM	STONE FILL, TYPE I (MOD. 1 - CHECK DAMS)		
				240													240		240		SM	REMOVAL OF BRIDGE PAVEMENT	529.10	10	CM	STONE FILL, TYPE I (MOD. 2 - ENTRANCE STABILIZATION)	
				1													1		1		EACH	PARTIAL REMOVAL OF STRUCTURE	529.20	545	SM	GEOTEXTILE FOR SILT FENCE	
				10													10		10		EACH	BEARING DEVICE ASSEMBLY (FABRIC)	531.10	110	SM	GEOTEXTILE FOR FILTER CURTAIN	
26																		26		M	BEGIN PIPE OPTION		5	KG	SEED-WNTER RYE		
26																		26		M	600 mm CAAP 1.91 mm (68 mm X 12 mm)	601.0226			EARTHWORKS SUMMARY:		
26																		26		M	600 mm PCCSP 2.01 mm (68 mm X 12 mm)	601.0426	840	CM	FILL REQUIRED: 730*1.15		
																		26		M	600 mm CPEP	601.0920			FILL AVAILABLE:		
																						END PIPE OPTION		950	CM	COMMON EXCAVATION: 950*1.0	
36																		36		M	150 mm UNDERDRAIN	605.10	288	CM	UNCLASSIFIED CHANNEL EXCAVATION: 960*0.3		
14																		14		M	150 mm UNDERDRAIN CARRIER PIPE	605.20	21	CM	TRENCH EXCAVATION OF EARTH: 70*0.3		
																							198	CM	STRUCTURE EXCAVATION: 660*0.3		
																							135	CM	COFFERDAM EXCAVTION, EARTH: 450*0.3		
																							69	CM	COFFERDAM EXCAVTION, ROCK: 230*0.3		
																							1661			SUBTOTAL	
																							9			ROUNDING	
																							1670			TOTAL	
																							1670	CM	FILL AVAILABLE		
																							840	CM	FILL REQUIRED		
																							830	CM	WASTE		
																						PROJECT NAME: LEICESTER			PROJECT NUMBER: BRF 0160 (3) S		
																						FILE NAME: \\95\\288\\Structures\\sj288qnt.xls			PLOT DATE: 08/01/2005		
																						PROJECT MANAGER: R. R. WHITCOMB			DRAWN BY: G. ROY		
																						DESIGNED BY: C. CARLSON			CHECKED BY: C. CARLSON		
																						QUANTITY SHEET #1			SHEET 4 OF 90		