

STATE OF VERMONT AGENCY OF TRANSPORTATION														QUANTITY SHEET 1										
SUMMARY OF ESTIMATED QUANTITIES														TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES				
									ROADWAY	TRAINING	EROSION CONTROL	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS			
									0.5				0.5		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	-	COMMON EXCAVATION					
									2850				2850		CY	COMMON EXCAVATION	203.15	73	2321 CY		US ROUTE 2			
									90				90		CY	SOLID ROCK EXCAVATION	203.16	6	6 CY		VT ROUTE 117			
									20				20		CY	EARTH BORROW	203.30	4	49 CY		I-89 RAMP "A/F"			
									850				850		CY	SAND BORROW	203.31	24	401 CY		I-89 RAMP "D"			
									100				100		CY	TRENCH EXCAVATION OF EARTH	204.20	3	73 CY		ROUNDING			
									1				1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-	2850 CY		TOTAL			
									11500				11500		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	180	9 CY		US ROUTE 2			
									1400				1400		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	46	7 CY		I-89 RAMP "D"			
									25				25		CWT	EMULSIFIED ASPHALT	404.65	1	4 CY		ROUNDING			
									1				1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-	20 CY		TOTAL			
									2200				2200		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	29	9 CY		US ROUTE 2			
									1				1		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-	26 CY		I-89 RAMP "A"			
									1				1		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-	196 CY		I-89 RAMP "D"			
																BEGIN OPTION AA			46 CY		ROUNDING			
									15				15		LF	18" PCCSP .064 (2-2/3 X 1/2)	601.0415	5	1400 CY		TOTAL			
									15				15		LF	18" RCP CLASS III	601.0815	5			SUPERPAVE BITUMINOUS CONCRETE PAVEMENT			
									15				15		LF	18" CPEP(SL)	601.2615	5	1469 TON		US ROUTE 2			
																END OPTION AA			702 TON		TYPE IVS			
									1				1		EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.20	-			TYPE IIS			
									1				1		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-	29 TON		ROUNDING			
									1				1		EACH	CAST IRON GRATE WITH FRAME, TYPE B	604.46	-	2200 TON		TOTAL			
									1				1		EACH	CAST IRON COVER WITH FRAME	604.55	-			EROSION CONTROL			
									225				225		LF	6 INCH UNDERDRAIN PIPE	605.10	10	8 CY		STONE FILL, TYPE I			
									2				2		EACH	UNDERDRAIN FLUSHING BASIN	605.95	-	230 CY		STONE FILL, TYPE II			
											200		200		MGAL	DUST CONTROL WITH WATER	609.10	EST.	525 SY		GEOTEXTILE UNDER STONE FILL			
											2		2		TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	EST.	15 SY		PERMANENT EROSION MATTING			
											8		8		CY	STONE FILL, TYPE I	613.10	0.4						
											230		230		CY	STONE FILL, TYPE II	613.11	8						
									175				175		LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	16						
									3				3		EACH	YIELDING MARKER POSTS	619.17	-						
									1750				1750		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	50						
									1				1		EACH	MANUFACTURED TERMINAL SECTION, FLARED	621.50	-						
									1				1		EACH	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	621.53	-						
									5				5		EACH	ENERGY ABSORPTION ATTENUATOR	621.56	-						
									30				30		LF	REMOVE AND RESET GUARDRAIL	621.75	8						
									30				30		EACH	REPLACE GUARDRAIL BEAM UNIT	621.77	2						
									850				850		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	35						
									23				23		EACH	REMOVAL AND DISPOSAL OF GUIDE POSTS	621.81	-						
									1400				1400		LF	TEMPORARY TRAFFIC BARRIER	621.90	EST.						
																					PROJECT NAME: RICHMOND			
																					PROJECT NUMBER: STP 0284 (17)			
																					FILE NAME: z97cl86qty.dgn			
																					PLOT DATE: 5/21/2013			
																					PROJECT LEADER: ERIK ATKINS			
																					DRAWN BY: A. ACHARYA			
																					DESIGNED BY: A. ACHARYA			
																					CHECKED BY: T. BIGELOW			
																					QUANTITY SHEET #1			
																					SHEET 37 OF 133			