

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

COMPOSITE QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES STP 0284(17)						SUMMARY OF ESTIMATED QUANTITIES CMG PARK(31)						TOTALS		DESCRIPTORS			
	ROADWAY	TRAINING		EROSION CONTROL	FULL C.E. ITEMS	ROADWAY	TRAINING	LANDSCAPING	FULL C.E. ITEMS	EROSION CONTROL	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	
	0.5					0.5					1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	-	
						1					1		EACH	DEMOLITION AND DISPOSAL OF BUILDING	202.10	-	
	2850					5400					8250		CY	COMMON EXCAVATION	203.15	130	
	90					175					265		CY	SOLID ROCK EXCAVATION	203.16	14	
	20					350					370		CY	EARTH BORROW	203.30	6	
	850					2600					3450		CY	SAND BORROW	203.31	85	
	100					850					950		CY	TRENCH EXCAVATION OF EARTH	204.20	5	
						12					12		CY	TRENCH EXCAVATION OF ROCK	204.21	2	
	1					1					2		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-	
						10					10		CY	STRUCTURE EXCAVATION	204.25	2	
						10					10		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	2	
	11500										11500		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	180	
	1400					2000					3400		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	138	
	25					25					50		CWT	EMULSIFIED ASPHALT	404.65	4	
	1					1					2		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-	
						750					750		LB	BITUMINOUS CRACK SEALING	417.10	40	
	2200					1450					3650		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	48	
	1					1					2		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-	
	1					1					2		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-	
						2					2		CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	0.07	
						230					230		LB	REINFORCING STEEL, LEVEL I	507.11	6	
														BEGIN OPTION AA			
	15										15		LF	18" PCCSP .064 (2-2/3 X 1/2)	601.0415	5	
	15										15		LF	18" RCP CLASS III	601.0815	5	
	15										15		LF	18" CPEP(SL)	601.2615	5	
														END OPTION AA			
	1					1					2		EACH	PRECAST REINFORCED CONCRETE CATCH BASIN WITH CAST IRON GRATE	604.20	-	
	1										1		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	-	
	1					2					3		EACH	CAST IRON GRATE WITH FRAME, TYPE B	604.46	-	
	1										1		EACH	CAST IRON COVER WITH FRAME	604.55	-	
	225					400					625		LF	6 INCH UNDERDRAIN PIPE	605.10	17	
						12					12		LF	6 INCH UNDERDRAIN CARRIER PIPE	605.20	1	
	2					11					13		EACH	UNDERDRAIN FLUSHING BASIN	605.95	-	
				200						450	650		MGAL	DUST CONTROL WITH WATER	609.10	EST.	
				2						5	7		TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	EST.	
				8						50	58		CY	STONE FILL, TYPE I	613.10	3.8	
				230						50	280		CY	STONE FILL, TYPE II	613.11	11	
						975					975		LF	VERTICAL GRANITE CURB	616.21	24	
	175										175		LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	16	
						1350					1350		LF	REMOVAL OF EXISTING CURB	616.41	49	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
COMMON EXCAVATION		
2321	CY	US ROUTE 2
6	CY	VT ROUTE 117
49	CY	I-89 RAMP "A/F"
401	CY	I-89 RAMP "D"
5343	CY	PARK AND RIDE
130	CY	ROUNDING
8250	CY	TOTAL
EARTH BORROW		
9	CY	US ROUTE 2
7	CY	I-89 RAMP "D"
348	CY	PARK AND RIDE
6	CY	ROUNDING
370	CY	TOTAL
TRENCH EXCAVATION OF EARTH		
189		UNDERDRAIN
718		DRY SWALE
38		PROPOSED DRAINAGE
5		ROUNDING
950		TOTAL
TRENCH EXCAVATION OF ROCK		
10	CY	REMOVAL OF EXISTING HEADWALL
2	CY	ROUNDING
12	CY	TOTAL
SUBBASE OF DENSE GRADED CRUSHED STONE		
1132	CY	US ROUTE 2
26	CY	I-89 RAMP "A"
196	CY	I-89 RAMP "D"
1908	CY	PARK AND RIDE
138	CY	ROUNDING
3400	CY	TOTAL
SUPERPAVE BITUMINOUS CONCRETE PAVEMENT		
US ROUTE 2		
1469	TON	TYPE IVS
702	TON	TYPE IIS
PARK AND RIDE		
658	TON	TYPE IVS
773	TON	TYPE IIS
48	TON	ROUNDING
3650	TON	TOTAL
EROSION CONTROL		
PERMANENT EROSION CONTROL		
58	CY	STONE FILL, TYPE I
280	CY	STONE FILL, TYPE II
750	SY	GEOTEXTILE UNDER STONE FILL
715	SY	PERMANENT EROSION MATTING
TEMPORARY EROSION CONTROL		
45	SY	GEOTEXTILE FOR SILT FENCE
350	SY	GEOTEXTILE FOR SILT FENCE, WOVEN WIRE REINFORCED
170	LB	SEED, WINTER RYE
2.75	TON	HAY MULCH
2575	SY	TEMPORARY EROSION MATTING
150	CY	VEHICLE TRACKING PAD

PROJECT NAME: RICHMOND	
PROJECT NUMBER: STP 0284 (17) / CMG PARK (31)	
FILE NAME: z97c186qty.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 4 OF 133