

QUANTITY SHEET

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

APPROXIMATE SUMMARY OF QUANTITIES											
LAND-SCAPING	R.O.W.	TRAINING	NON GOVT. PARTICIP.	EROSION CONTROL	(RET. WALL) BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
						1	1	LS	CLEARING AND GRUBBING	201.10	
			1			10	11	EA	REMOVING SMALL TREES	201.15	
						1	1	EA	REMOVING LARGE TREES	201.16	
						4	8	EA	REMOVING SMALL STUMPS	201.20	
						2	4	EA	REMOVING LARGE STUMPS	201.21	
			220			31100	31320	CY	COMMON EXCAVATION	203.15	
						500	500	CY	SOLID ROCK EXCAV. (INCL. 330 C.Y. EST)	203.16	
						4400	4400	CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	
						14800	14800	CY	SAND BORROW	203.31	
						200	200	CY	GRANULAR BORROW (EST.)	203.32	
						25800	25800	SY	FINE GRADING-SUBGRADE	203.40	
			7590	109		14201	21900	CY	TRENCH EXCAVATION OF EARTH	204.20	
			60			500	560	CY	TRENCH EXCAVATION OF ROCK	204.21	
						780	720	CY	STRUCTURE EXCAVATION	204.25	13
						10	610	390	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30
							1000	1000	SY	DRILLING AND BLASTING OF SOLID ROCK SUBGRADE (EST)	205.20
							3950	3950	SY	COLD PLANING BIT. PAVEMENT	210.10
			500				500	CY	EXCAV. OF CL. I CONTAM. SOILS	215.20	EST.
			500				500	CY	EXCAV. OF CL. II CONTAM. SOILS	215.21	EST.
			24			377	401	CY	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	301.26	
			74	545		19200	19819	CY	SUBBASE DENSE GRADED CRUSHED STONE	301.35	
						40	40	CWT	EMULSIFIED ASPHALT	404.65	
			28			10500	10528	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	
						239	186	425	CY	CONCRETE CLASS B	501.25
						260	260	LB	STRUCTURAL STEEL	506.60	
						14500	14500	LB	REINFORCING STEEL	507.15	
						40	40	LF	DRILLING & GROUTING DOWELS	507.16	
						25890	25890	LB	EPOXY COATED REINFORCING STEEL	507.17	
						26	26	GAL	WATER REPELLANT	514.10	
						0.25	0.25	MFBM	NON-STRUCTURAL LUMBER - TREATED	522.35	
						126	56	182	LF	METAL HAND RAIL, (1 RAIL)	525.15
						367	367	367	LF	METAL HAND RAILING, (3 RAIL) (MOD.)*	525.15
			1				1	EA	CONCRETE VAULT, TYPE II	540.22	
			2				2	EA	CONCRETE VAULT	540.24	
						40	40	LF	12'' CSP .064	601.0005	
						4	4	LF	24'' CSP .064	601.0025	
						44	44	LF	42'' CSP .109	601.0052	
								*	FOR MOD. RAIL DETAILS SEE SHT. 108 OF 335		

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
COMMON EXCAVATION		
25570	CY	ROADWAY
928	CY	DRIVES(1398 CY LESS 220 CY NON-PART.)
758	CY	APPROACHES
4	CY	WALKS
3806	CY	EST. FOR SAND BORROW UNDERCUT
34	CY	ROUNDING
31100	CY	TOTAL
FINE GRADING SUBGRADE		
21839	SY	MAINLINE
3236	SY	DRIVES
633	SY	APPROACHES
92	SY	ROUNDING
25800	SY	TOTAL
TRENCH EXCAVATION OF EARTH		
4930	CY	DESIGNED DRAINAGE
5415	CY	DESIGNED UNDERDRAIN
3817	CY	EST. UNDERDRAIN
39	CY	ROUNDING
14201	CY	TOTAL
TRENCH EXCAVATION OF ROCK		
151	CY	DESIGNED DRAINAGE
262	CY	DESIGNED UNDERDRAIN
50	CY	EST. UNDERDRAIN
8	CY	REMOVE RETAINING WALL @ 38+60 RT
29	CY	ROUNDING
500	CY	TOTAL
SUBBASE OF DENSE GRADED CRUSHED STONE		
17651	CY	MAINLINE
694	CY	APPROACHES
716	CY	DRIVES (790 CY LESS 74 CY NON-PART. FOR DRIVE AT 49+60 RT.)
139	CY	ROUNDING
19200	CY	TOTAL
BITUMINOUS CONCRETE PAVEMENT		
8453	TON	MAINLINE
1176	TON	WINTER PAVEMENT(EST)
586	TON	APPROACHES
253	TON	DRIVES (278 TONS LESS 25 TONS NON-PART. FOR DRIVE AT 49+60 RT.)
32	TON	ROUNDING
10500	TON	TOTAL
SAND BORROW		
10982	CY	DESIGNED FOR FROST PROTECTION
3806	CY	UNDERCUT IN CUT AREAS
12	CY	ROUNDING
14800	CY	TOTAL

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
2685	SY	PORTLAND CEMENT CONC. SIDEWALK, 5''
12	SY	SIDEWALKS
43	SY	PRIVATE WALKS
10	SY	DRIVE AT 28+79 RT.
2750	SY	ROUNDING
		TOTAL
STONE FILL, TYPE I		
43	CY	DRAINAGE SHEET
1	CY	SLOPE PROTECTION
1	CY	ROUNDING
45	CY	TOTAL
STONE FILL, TYPE II		
4	CY	DRAINAGE SHEET
49	CY	SLOPE PROTECTION
7	CY	ROUNDING
60	CY	TOTAL
TEMPORARY EROSION CONTROL (INCLUDED IN EROSION CONTROL ITEMS)		
109	CY	TRENCH EXCAV. OF EARTH
545	CY	SUBBASE OF DENSE GRADED CRUSHED STONE
55	CY	STONE FILL, TYPE I
174	LB	SEED, WINTER RYE
4	TON	HAY MULCH
218	SY	EROSION MATTING
500	SY	GEOTEXTILE FABRIC FOR SILT FENCE
200	SY	GEOTEXTILE FABRIC FOR FILTER CURTAINS
100	EA	HAY BALES FOR EROSION CONTROL
CONCRETE CLASS B		
160	CY	DRAINAGE SHEET(SEE NOTE ON SHEET 17)
19	CY	REPAIRING P.C.C. PAVEMENT AT RIVER ST. PIPE CROSSINGS
7	CY	ROUNDING
186	CY	TOTAL
REINFORCING STEEL		
12500	LB	DRAINAGE SHEET(SEE NOTE ON SHEET 17)
214	LB	DOWELS FOR P.C.C. PAVEMENT
1520	LB	P.C.C. PAVEMENT REINFORCING
266	LB	ROUNDING
14500	LB	TOTAL
EXCAVATION OF SURFACES AND PAVEMENTS		
5	CY	SIDEWALKS
2906	CY	REMOVING EXISTING MAINLINE PAVE.(EST.)
1176	CY	REMOVING WINTER PAVEMENT(EST.)
250	CY	DRIVES(EST.)
63	CY	ROUNDING
4400	CY	TOTAL

STATIONS		PAVEMENT WIDTHS	EQUATIONS	FEET	MILES	REMARKS
FROM	TO	34'	+ -			
11+54.93	41+57.15	3002.22		3002.22	0.569	U.S. 2 TO WHEELLOCK ST.
41+57.15	46+81.97	524.82		524.82	0.099	WHEELLOCK ST. TO END
46+81.97	67+58.74	2077.27	0.50	2077.27	0.393	
TOTALS				5604.31	1.061	
JAN. 21, 1991		PROJECT NAME		MONTPELIER		
MONTQ1		PROJECT NUMBER		MEGC M6400(7)		SHEET 6 OF 335 SHEETS

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