

QUANTITY SHEET

**STATE OF VERMONT
AGENCY OF TRANSPORTATION**

APPROXIMATE SUMMARY OF QUANTITIES										
R.O.W.			EROSION CONTROL	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
							LS	CLEARING & GRUBBING (PLUS INDIVIDUAL TREES & STUMPS)	201.0	
					101000	101000	CY	COMMON EXCAVATION	203.15	
					2450	2450	CY	SOLID ROCK EXCAVATION	203.16	32
					1350	1350	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	45
					1600	1600	CY	EXCAVATION OF SURFACES & PAVEMENTS	203.28	8
					17000	17000	CY	SAND BORROW	203.31	
					200	200	CY	GRANULAR BORROW	203.32	EST
					43000	43000	SY	FINE GRADING SUBGRADE	203.40	
			150		4600	4750	CY	TRENCH EXCAVATION OF EARTH	204.20	
					550	550	CY	TRENCH EXCAVATION OF ROCK	204.21	18
					100	100	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	EST
					1150	1150	SY	DRILLING AND BLASTING OF SOLID ROCK SUBGRADE	205.20	31
					17200	17200	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	
					850	850	CY	AGGREGATE SURFACE COURSE	401.10	
					850	850	CY	AGGREGATE SHOULDERS, IN PLACE	402.10	
					4850	4850	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	
					12	12	CY	CONCRETE, CLASS B	501.25	1.5
					1000	1000	LBS.	REINFORCING STEEL	507.15	55
								BEGIN OPTION BID ITEMS		
					124	124	LF	15" CSP (.064)	601.0010	
								15" RCP III	601.0810	
					322	322	LF	18" CSP (.064)	601.0015	
								18" RCP III	601.0815	
					82	82	LF	18" PCCSP (.064)	601.0415	
								18" CAAP (.060)	601.0215	
								18" RCP III	601.0815	
					638	638	LF	24" PCCSP (.064)	601.0425	
								24" CAAP (.060)	601.0225	
								24" RCP III	601.0825	
					196	196	LF	30" PCCSP (PI) (.079)	601.0636	
								30" CAAP (.075)	601.0236	
					172	172	LF	36" PCCSP (PI) (.079)	601.0646	
								36" CAAP (.075)	601.0246	
								36" RCP III	601.0845	
					100	100	LF	48" PCCSP (109)	601.0457	
								48" CAAP (.105)	601.0257	
								48" RCP III	601.0855	
					4	4	EA	18" CSPES (.064)	601.6015	
								18" RCPES CL III	601.6815	
					3	3	EA	24" CSPES (.064)	601.6025	
								24" CAAPES (.060)	601.6225	
								24" RCPES CL III	601.6825	
					3	3	EA	30" CSPES (.079)	601.6036	
								30" CAAPES (.075)	601.6236	
					1	1	EA	36" CSPES (.079)	601.6046	
								36" CAAPES (.075)	601.6246	
								36" RCPES CL III	601.6845	
								END OPTION ITEMS		
					3.1	3.1	CY	CEMENT RUBBLE MASONRY	602.15	
					5	5	EA	CAST IRON GRATE W/FRAME, TYPE B	604.46	
					6000	6000	LF	6" UNDERDRAIN (INCL. 255 LF EST.)	605.10	
					230	230	LF	6" UNDERDRAIN CARRIER PIPE	605.20	5
					16	16	EA	UNDERDRAIN FLUSHING BASIN	605.95	
					10	10	HR	ROADWAY PATROL MAINTENANCE	607.10	
					1	1	HR	BULLDOZER RENTAL, TYPE I (NOT A BID ITEM)	608.10	
					1	1	HR	BULLDOZER RENTAL, TYPE II (NOT A BID ITEM)	608.11	
					1	1	HR	ALL PURPOSE EXCAVATION RENTAL, TYPE I (NOT A BID ITEM)	608.25	
					1	1	HR	ALL PURPOSE EXCAVATION RENTAL, TYPE II (NOT A BID ITEM)	608.26	
					1	1	HR	TRUCK RENTAL (NOT A BID ITEM)	608.37	
					1080	1080	M/GAL	DUST CONTROL WITH WATER	609.10	EST
					8	8	TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15	EST
					2300	2300	CY	STONE FILL, TYPE I	613.10	20
					25	25	CY	STONE FILL, TYPE II	613.11	
					4	4	EA	RELOCATE MAILBOX, SINGLE SUPPORT	617.10	
					1	1	EA	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12	

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
88312	CY	ML
334	CY	TH #46
164	CY	TH #54
1733	CY	DRIVES
10200	CY	UNDERCUT FOR EST. SAND BORROW
257	CY	ROUND
101000	CY	TOTAL
		BITUMINOUS CONCRETE PAVEMENT
4636	TON	ML
120	TON	TH #46
18	TON	TH #54
57	TON	DRIVES
7	TON	U.S. 2
12	TON	ROUND
4850	TON	TOTAL
		FINE GRADING SUBGRADE
38450	SY	ML
2008	SY	TH #46
1450	SY	TH #54
874	SY	RESIDENTIAL DRIVES
218	SY	ROUND
43000		TOTAL
		SAND BORROW
16432	CY	ML (INCL. 10200 EST.)
316	CY	TH #46
188	CY	TH #54
6	CY	U.S. 2
67	CY	ROUND
17000	CY	TOTAL
		SUBBASE OF DENSE GRADED CRUSHED STONE
16123	CY	ML
766	CY	TH #46
27	CY	U.S. 2
189	CY	TH #54
95	CY	ROUND
17200	CY	TOTAL
		AGGREGATE SURFACE COURSE
168	CY	TH #54
650	CY	DRIVES
7	CY	ROUND
850	CY	TOTAL

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS
		AGGREGATE SHOULDERS
813	CY	ML
18	CY	TH #46
19	CY	ROUND
850	CY	TOTAL
		TRENCH EXCAVATION OF EARTH
1361	CY	DESIGN DRAINAGE
150	CY	TEMPORARY EROSION CONTROL (EST.)
3160	CY	UNDERDRAIN (DESIGN & EST.)
60	CY	DESIGN UNDERDRAIN CARRIER PIPE
19	CY	ROUND
4750	CY	TOTAL
		TOPSOIL
940	CY	ML
100	CY	TH46
10	CY	ROUND
1050	CY	TOTAL
		TEMPORARY EROSION CONTROL (INCL. IN EROSION CONTROL TOTALS)
150	CY	TRENCH EXCAVATIONS OF EARTH
75	CY	STONE FILL TYPE I
100	LB	SEED WINTER RYE
3	TONS	HAY MULCH
1200	SY	GEOTEXTILE FABRIC FOR SILT FENCE

STATIONS		PAVEMENT WIDTHS		EQUATIONS		FEET	MILES	REMARKS
FROM	TO			+	-			
114+00	183+78		22'	270.87	8.91	7239.96	1.371	
TOTALS								
PROJECT NAME						EAST MONTPELIER		
PROJECT NUMBER						RS 0246(1)		
SHEET 5 OF 128 SHEETS								

D-1 JAN 85