STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET #1

APPROXIMATE SUMMARY OF QUANTITIES

R.O.W.	EMPLOYEE TRAINEESHIP	FULL CE	GOV'T PARTICIPATING BRIDGE	GOV'T PARTICIPATING ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
				~~150~~	~~150~~	~~CY~~	~~EARTH BORROW~~	~~203.30~~	~~EST~~
				~~1~~	~~1~~	~~CY~~	~~TRENCH EXCAVATION OF EARTH (N.A.B.I.)~~	~~204.20~~	~~EST~~
				16,500	16,500	SY	COLD PLANING - BITUMINOUS PAVEMENT	210.10	130
				~~4,500~~	~~4,500~~	~~T~~	~~SUBBASE OF CRUSHED GRAVEL (FINE GRADED)~~	~~301.28~~	~~EST~~
				5,250	5,250	T	AGGREGATE SHOULDERS	402.12	EST
				1,100	1,100	T	AGGREGATE SHOULDERS (MOD.)	402.12	EST
				465	465	CWT	EMULSIFIED ASPHALT	404.65	EST
				20,500	20,500	T	MEDIUM DUTY BIT. CONCRETE PAVEMENT (PG 58-34)	406.27	470
				1	1	LU	PRICE ADJ. ASPHALT CEMENT (N.A.B.I.)	406.50	--
			~~1~~	~~1~~	~~CY~~	~~CONCRETE, CLASS A~~	~~501.22~~	~~EST~~
			~~200~~	~~200~~	~~LB~~	~~REINFORCING STEEL~~	~~507.15~~	~~EST~~
			197 ~~200~~	197 ~~200~~	FT	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG)	516.10	~~2~~
			487.5 ~~490~~	487.5 ~~490~~	FT	REMOVAL OF EXISTING RAILING	525.10	~~2.5~~
			50		50	FT	BRIDGE RAIL. - H.D.STEEL BEAM/CURB MNT (MOD.1)	525.40	--
			275		275	FT	BRIDGE RAIL. - H.D.STEEL BEAM/CURB MNT (MOD.2)	525.40	--
			162.5 ~~165~~		162.5 ~~165~~	FT	BRIDGE RAIL. - H.D.ST. BEAM/FASCIA MNT (MOD.1)	525.41	~~2.5~~
			~~1~~		~~1~~	~~CY~~	~~REMOVAL OF CONCRETE OR MASONRY~~	~~529.25~~	~~EST~~
				~~1~~	~~1~~	~~EA~~	~~CHANGING ELEVATION OF D.I.'S, C.B'S. OR M.H.'S~~	~~604.40~~	~~EST~~
				23 ~~19~~	23 ~~19~~	EA	REHABILITATION OF D.I., C.B. OR M.H. CLASS I	604.412	~~EST~~
				130	130	HR	POWER GRADER RENTAL	608.15	EST
				286.5 ~~500~~	286.5 ~~500~~	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST
				110	110	HR	POWER BROOM RENTAL	608.30	EST
				~~10~~	~~10~~	~~HR~~	~~POWER BROOM RENTAL, TYPE II~~	~~608.31~~	~~EST~~
				478.5 ~~1,200~~	478.5 ~~1,200~~	HR	TRUCK RENTAL	608.37	EST
				~~170~~	~~170~~	~~HR~~	~~LOADER RENTAL, TYPE I~~	~~608.40~~	~~EST~~
				~~10~~	~~10~~	~~MGAL~~	~~DUST CONTROL WITH WATER~~	~~609.10~~	~~--~~
				3311.5 ~~1,450~~	3311.5 ~~1,450~~	CY	STONE FILL, TYPE 1	613.10	~~21~~
				650 ~~660~~	650 ~~660~~	FT	TREATED TIMBER CURB	616.35	~~5~~
				38.85 ~~50~~	38.85 ~~50~~	T	BITUMINOUS CONC. GUTTERS & TRAFFIC ISLANDS	616.47	~~2~~
				~~1~~	~~1~~	~~EA~~	~~RELOCATE MAIL BOX, MULTIPLE SUPPORT~~	~~617.12~~	~~--~~
				~~6~~	~~6~~	~~EA~~	~~YIELDING MARKER POST~~	~~619.17~~	~~EST~~
				5721.5 ~~6,150~~	5721.5 ~~6,150~~	FT	STEEL BEAM GUARD RAIL (GALVANIZED)	621.20	~~27.5~~
				4028.5 ~~3,350~~	4028.5 ~~3,350~~	FT	STEEL BEAM GUARD RAIL (GALVANIZED) (MOD. - 8' POSTS)	621.20	~~17.5~~
				540.1 ~~520~~	540.1 ~~520~~	FT	HEAVY DUTY STEEL BEAM GUARD RAIL (GALVANIZED)	621.21	2.4
				43 ~~44~~	43 ~~44~~	EA	MANUFACTURED TERMINAL SECTION (FLARED)	621.505	--
				21 ~~20~~	21 ~~20~~	EA	ANCHOR FOR STEEL BEAM RAIL	621.60	--
				~~8~~	~~8~~	~~EA~~	~~REPLACE GUARD RAIL POST ASSEMBLY~~	~~621.76~~	~~--~~
				~~4~~	~~4~~	~~EA~~	~~REPLACE GUARD RAIL BEAM UNIT~~	~~621.77~~	~~--~~
				11475.10 ~~11,250~~	11475.10 ~~11,250~~	FT	REMOVAL AND DISPOSAL OF GUARD RAIL	621.80	12.4

DETAILED SUMMARY OF QUANTITIES

	QUANTITIES	UNIT	ITEMS
			COLD PLANING - BITUMINOUS PAVEMENT
1677	~~330~~	SY	BEGIN PROJECT
114	~~430~~	SY	BRIDGE #2
533.30	~~520~~	SY	BRIDGE #3
5780.30	~~4,980~~	SY	WATERVILLE
1047.20	~~800~~	SY	BRIDGE #4
815	~~970~~	SY	BRIDGE #7
6232.59	~~6,790~~	SY	BRIDGE #10 TO END OF PROJECT
486.33	~~1,300~~	SY	TOWN HIGHWAYS
74.20	~~250~~	SY	DRIVES
	130	SY	ROUNDING
	16,500	SY	TOTAL
			MEDIUM DUTY BIT. CONCRETE PAVEMENT (PG 58-34)
			TYPE IV (LEVELING)
8594.56	1,620	T	CAMBRIDGE
	1,810	T	WATERVILLE
	1,340	T	BELVIDERE
			TYPE III (LEVELING)
	810	T	DEEP RUTS
			TYPE III (WEARING)
15490.29	4,860	T	CAMBRIDGE
	5,390	T	WATERVILLE
	3,990	T	BELVIDERE
587.09	180	T	TOWN HIGHWAYS
	30	T	DRIVES
	470	T	ROUNDING
	~~20,500~~	T	TOTAL
			~~SUBBASE OF CRUSHED GRAVEL (FINE GRADED)~~
	~~3,700~~	T	~~NEW PAVED SHOULDERS~~
	~~800~~	T	~~ESTIMATED QUANTITIES FOR DRIVES/TH'S~~
	~~4,500~~	T	~~ESTIMATED TOTALS~~
			STONE FILL, TYPE I
3311.5	~~1,375~~	CY	DITCHING
	~~75~~	CY	~~ITEM DETAIL SHEET~~
3311.5	~~1,450~~	CY	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

STATIONS FROM	STATIONS TO	PAVEMENT WIDTHS			EQUATIONS +	EQUATIONS -	FEET	MILES	REMARKS

TOTALS

QUANTITY SHEET #1

PROJECT NAME **CAMBRIDGE - BELVIDERE**
PROJECT NUMBER **STP 2219(1)S** p99cl90.dgn

DATE PLOTTED 12-DEC-2008 09
SHEET **5** OF **37** SHEETS