

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	SUPER- STRUCTURE	APPROACH SLAB #1	APPROACH SLAB #2	ABUTMENT 1	ABUTMENT 2	PIER BENTS	ARCHES	BRIDGE SUBTOTAL	LOOKOUT	COLCHESTER APPROACH	SOUTH BURLINGTON APPROACH	EROSION CONTROL	FULL E & C	UTILITIES	NON PARTICIPATING	TRAINING	TOTAL	REMARKS
201.10	CLEARING AND GRUBBING (INCL. INDIV. TREES & STUMPS)	LS										0.5	0.5						1	
203.15	COMMON EXCAVATION	CM										1770	3550						5320	
203.16	SOLID ROCK EXCAVATION	CM										100	900						1000	ESTIMATED
* 203.16	SOLID ROCK EXCAVATION (MOD. - CLOSE-IN BLASTING)	CM						143*		143*									143*	ESTIMATED
* 203.16	SOLID ROCK EXCAVATION (MOD. - MECHANICAL SPLITTING)	CM						47*		47*									47*	ESTIMATED
203.30	EARTH BORROW	CM										15,820							15,820	
203.31	SAND BORROW	CM										2200	1900						4100	
203.32	GRANULAR BORROW	CM										493	98						591	
203.40	FINE GRADING - SUBGRADE	SM										2650	3050						5700	
204.20	TRENCH EXCAVATION OF EARTH	CM										1020	1080	30					2130	ESTIMATED
204.21	TRENCH EXCAVATION OF ROCK	CM										180	470						650	ESTIMATED
204.25	STRUCTURE EXCAVATION	CM				153	1107	300		1560	380								1940	
204.30	GRANULAR BACKFILL FOR STRUCTURES	CM				148				148	310	10	20						488	
205.20	DRILLING AND BLASTING OF SOLID ROCK SUBGRADE	SM											500						500	ESTIMATED
210.10	COLD PLANING - BITUMINOUS PAVEMENT	SM										190	50						240	
301.26	SUBBASE OF CRUSHED GRAVEL (FINE GRADED)	CM											385						385	
301.35	SUBBASE OF DENSE GRADED CRUSHED STONE	CM					140					2250	2425	160					4975	
404.65	EMULSIFIED ASPHALT	KG										350	460						810	
406.25	BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	T	195							195		1000	1380						2575	
501.25	CONCRETE, CLASS B	CM										2							2	
501.31	CONCRETE CLASS D (MOD. - FLOWABLE FILL)	CM										10							10	
501.32	CONCRETE, HIGH PERFORMANCE CLASS AA	CM	228							228									228	
501.33	CONCRETE, HIGH PERFORMANCE CLASS A	CM	80							80									80	
501.34	CONCRETE, HIGH PERFORMANCE CLASS B	CM		24	24	75	73		272	468	93								561	
501.34	CONCRETE, HIGH PERFORMANCE CLASS B (ARCH RIBS & PIERS)	CM						170	125	295									295	
504.10	FURNISHING EQUIPMENT FOR DRIVING PILING	LS				1				1									1	
505.16	STEEL PILING (HP 310 X 110)	M				225				225									225	
505.36	TEMPORARY STEEL SHEET PILING	SM				45	140			185									185	
505.45	DYNAMIC PILE LOADING TEST	EA				1				1									1	
507.15	REINFORCING STEEL	KG				3156	3820			6976	8113	6							15 095	
507.16	DRILLING AND GROUTING DOWELS	M									21								21	

N. A. B. I. = NOT A BID ITEM

* QUANTITIES FOR SOLID ROCK EXCAVATION AT PIER BENTS ARE DISTRIBUTED FOR ESTIMATING PURPOSED AS FOLLOWS:
75% TO SOLID ROCK EXCAVATION (MOD. - CLOSE-IN BLASTING)
25% TO SOLID ROCK EXCAVATION (MOD. - MECHANICAL SPLITTING)

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

VHB Vanasse Hangen Brustlin, Inc.

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of COLCHESTER-SOUTH BURLINGTON	Bridge No. 6
Highway No. TH 4/3	Log Sta. Surv. Sta.
TH 4/3 OVER WINOOSKI RIVER & N.E.C.R.	
QUANTITY SHEET (1 OF 6)	
Designed By M.A. COLGAN	Drawn By B.J. MASSE
Checked By J.T. KLEIN	Bridge Design Supervisor S.M. GUNN
Date 4/05	Date 4/05
PROJECT COLCHESTER-SOUTH BURLINGTON	PROJECT NO. BRM 5600 (6) S C/2
I.G.C. Info.	
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