

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
507.16	DRILLING AND GROUTING DOWELS (MOD. I - ROCK DOWELING)	M						280		280									280	ESTIMATED
507.16	DRILLING AND GROUTING DOWELS (MOD. II - DIAMOND CORING)	M						36		36									36	
507.17	EPOXY COATED REINFORCING STEEL	KG	16 336	1665	1665	390	555	31 009	19 345	70 965									70 965	
507.19	MECHANICAL BAR CONNECTOR (NO. 29 BAR)	EA							363	363									363	SEE NOTE 1
510.21	PRESTRESSED CONCRETE BOX BEAMS (1220 mm X 1070 mm)	M	499							499									499	
510.22	PRESTRESSED CONCRETE VOIDED SLABS (MOD.-SOLID SLABS) (1220 mm X 300 mm)	M	393							393									393	
510.24	GROUTING SHEAR KEYS	M	803							803									803	
514.10	WATER REPELLENT (MOD.-SILANE)	L	276			24	98	220	205	823	11								834	
516.10	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG TYPE)	M	41							41									41	
519.20	SHEET MEMBRANE WATERPROOFING (MOD.-SPRAY APPLIED)	SM	930							930									930	
	** BEGIN JOINT SEALER OPTIONS A **																			
524.11	JOINT SEALER, HOT POURED	M	8							8									8	
524.13	JOINT SEALER, COLD POURED	M	8							8									8	
	** END JOINT SEALER OPTIONS A **																			
525.50	CAST-IN-PLACE CONCRETE BRIDGE RAIL (TEXAS)	M	202							202	17								219	
526.30	MECHANICALLY STABILIZED EARTH (MSE) WALL (METALLIC REINFORCEMENT)	SM					321			321									321	
527.10	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS (MOD.)	LS										0.5	0.5						1	
529.10	REMOVAL OF BRIDGE PAVEMENT	SM								600									600	
529.15	REMOVAL OF STRUCTURE	EA								1									1	
531.10	BEARING DEVICE ASSEMBLY (ELASTOMERIC)	EA	120							120									120	
531.10	BEARING DEVICE ASSEMBLY (STEEL REINFORCED ELASTOMERIC)	EA	80							80									80	
	** BEGIN PIPE OPTIONS AA **																			
601.0210	375 mm CAAP 1.52 (68 mm X 12 mm)	M											15						15	
601.0410	375 mm PCCSP 1.63 (68 mm X 12 mm)	M											15						15	
601.0910	375 mm CPEP	M											15						15	
	** END PIPE OPTIONS AA **																			
	** BEGIN PIPE OPTIONS BB **																			
601.0215	450 mm CAAP 1.52 (68 mm X 12 mm)	M										73.3	322.5						395.8	
601.0415	450 mm PCCSP 1.63 (68 mm X 12 mm)	M										73.3	322.5						395.8	
601.0817	450 mm RCP CLASS V	M										73.3	322.5						395.8	
601.2615	450 mm CPEP (SL)	M										73.3	322.5						395.8	
	** END PIPE OPTIONS BB **																			
	** BEGIN PIPE OPTIONS CC **																			
601.0817	450 mm RCP CLASS V (MOD. - ENCASED)	M											15.6						15.6	
601.2615	450 mm CPEP (SL) (MOD. - HEAVY DUTY)	M											15.6						15.6	
	** END PIPE OPTIONS CC **																			
	** BEGIN PIPE OPTIONS DD **																			
601.0215	450 mm CAAP 1.52 (68 mm X 12 mm)	M										5.3	224.7						230	
601.0415	450 mm PCCSP 1.63 (68 mm X 12 mm)	M										5.3	224.7						230	
601.0915	450 mm CPEP	M										5.3	224.7						230	
	** END PIPE OPTIONS DD **																			

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

NOTE:

- THREE ADDITIONAL MECHANICAL BAR CONNECTORS (ITEM 507.19) HAVE BEEN ADDED FOR TESTING PER SECTION 713.02 OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.

DATUM
VERTICAL NAVD 88
HORIZONTAL NAD 83 (92)

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 (2 OF 6)

Designed By M. A. COLGAN Drawn By B. J. MASSE
Checked By J. T. KLEIN Date 4/05 Bridge Design Supervisor S. M. GUNN Date 4/05
PROJECT COLCHESTER-SOUTH BURLINGTON PROJECT NO. BRM 5600 (6) S C/2
I.G.C. Info.
Bridge Sheet No. ZD139QNT2 Sheet 4 of 124

VHB Vanasse Hangen Brustlin, Inc.