

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
				ROADWAY	TRAINING	EROSION CONTROL	UTILITIES-NON PARTICIPATING	BRIDGE	FULL C. E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
				1						1	1	LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10				
				1						1	1	EACH	DEMOLITION AND DISPOSAL OF BUILDING	202.10		810	CY	FILL AVAILABLE COMMON EXCAVATION
				810						810	1192.8	CY	COMMON EXCAVATION	203.15		51	CY	UNCLASSIFIED CHANNEL EXCAVATION 170 X 0.3
								170		170	165	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27		19	CY	TRENCH EXCAVATION OF EARTH 70 X 0.3
				220						220	291.4	CY	SAND BORROW	203.31		495	CY	COFFERDAM EXCAVATION, EARTH 1650 X 0.3
				70						70	74.5	CY	TRENCH EXCAVATION OF EARTH	204.20		1375	CY	SUBTOTAL
				5						5	0	CY	TRENCH EXCAVATION OF ROCK	204.21		5	CY	ROUNDING
				1						1	5.4	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22		1380	CY	TOTAL
				FINAL=0.65						1220	1157.1	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30				
								1650		1650	2058.6	CY	COFFERDAM EXCAVATION, EARTH	208.30				
								300		300	239.18	CY	COFFERDAM EXCAVATION, ROCK	208.35				
								1		1	1	LS	COFFERDAM (@ STA. 218+97)	208.40				PLANIMETERED MATERIAL AVAILABLE FOR FILL Earth Excavation x 1.0 = (F) Channel Excavation x 0.3 = (G) Structure Excavation / Cofferdam Excavation x 0.3 = (H) Total Material Available for Fill = (F+G+H)
								1		1	1	LS	COFFERDAM (@ STA. 219+34)	208.40				
				1670						1670	1407.3	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10				
				520						520	750.2	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35				FILL REQUIRED Planimetered Fill = (A) Less Factored Solid Rock Excavation (Factor is 1.3) = (B) Less Displacement of Large Buried Structures (Factor is 1.3) = (C) Net Planimeter Fill (A-B-C = D)
				4						4	9.923	CWT	EMULSIFIED ASPHALT	404.65				
				FINAL=473.44-369						410	518.69	TON	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25				
								17		17	15.46	CY	CONCRETE, HIGH PERFORMANCE CLASS A	501.33				
								765		765	707.81	CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34				BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
								60240		60240	54.684	LB	REINFORCING STEEL	507.15				
								455		455	1.78	LF	DRILLING AND GROUTING DOWELS	507.16				VT 64 TYPE I
								23720		23720	24.951	LB	EPOXY COATED REINFORCING STEEL	507.17				TYPE IV
								40		40	51.28	GAL	WATER REPELLENT, SILANE	514.10				BRIDGE TYPE IV
								107		107	112.25	SY	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	519.20				APPROACH SLABS TYPE IV
				100						100	102.7	LF	JOINT SEALER, HOT Poured	524.11				
								39		39	38.7	LF	BRIDGE RAILING, 3 RAIL ALUMINUM	525.22				404 TON SUBTOTAL
								41		41	40.3	LF	BRIDGE RAILING, ALUMINUM/PEDESTRIAN	525.23				6 TON ROUNDING
								60		60	55	SY	REMOVAL OF BRIDGE PAVEMENT	529.10				410 TON TOTAL
								1		1	1	EACH	REMOVAL OF STRUCTURE (475 SF-EST.)	529.15				
								50		50	321.11	CY	CONCRETE, CLASS C	541.30				
													BEGIN OPTION AA					
				150						150	---	LF	18" CSP .064 (2-2/3 X 1/2)	601.0015				
				150						150	---	LF	18" CAAP .075 (2-2/3 X 1/2)	601.0216				
				150						150	150	LF	18" CPEP	601.0915				
													END OPTION AA					
				1						1	1	EACH	PRECAST REINFORCED CONCRETE PIPE DI WITH CAST IRON GRATE	604.25				
										3	3	EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42				
										10	17	HR	BULLDOZER RENTAL, TYPE I	608.10				
										10	14.6	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25				
										45	0.3	MGAL	DUST CONTROL WITH WATER	609.10				

PROJECT NAME: WILLIAMSTOWN
PROJECT NUMBER: BRS 0204(4)
FILE NAME: structures/se111excel.dgn PLOT DATE: 04/07/2008
PROJECT MANAGER: M. EVANS-MONGEON DRAWN BY: U. STANLEY
DESIGNED BY: U. STANLEY CHECKED BY: M. EVANS-MONGEON
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