

# QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
					ROADWAY	TRAINING	EROSION CONTROL	BRIDGE	FULL C.E. ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
					0.5					0.5		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10				<b>EARTHWORKS SUMMARY</b>
					1050					1050		CY	COMMON EXCAVATION	203.15				FILL AVAILABLE
								575		575		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27				320 CY COMMON EXCAVATION ( 320 x 1.0)
					115					115		CY	TRENCH EXCAVATION OF EARTH	204.20				54 CY CHANNEL EXCAVATION ( 180 x 0.3)
					5					5		CY	TRENCH EXCAVATION OF ROCK	204.21				0 CY UNDERDRAIN EXCAVATION ( 0 x 0.9)
					1					1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22				76.5 CY STRUCTURE EXCAVATION ( 255 x 0.3)
								285		285		CY	STRUCTURE EXCAVATION	204.25				0 CY TRENCH EXCAVATION OF EARTH ( 0 x 0.9)
								175		175		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30				4.5 CY ROUNDING
					690					690		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10				<b>455 CY TOTAL FILL AVAILABLE</b>
					1050					1050		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35				<b>FILL REQUIRED</b>
					12					12		CWT	EMULSIFIED ASPHALT	404.65				1 CY PLANIMETERED FILL ( 1 CY EARTH + 0 CY GRANULAR )
					715					715		TON	BITUMINOUS CONCRETE PAVEMENT	406.25				1.15 CY FACTORED FILL ( x1.15)
					1					1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50				3.85 CY ROUNDING
								1		1		LS	FURNISHING EQUIPMENT FOR DRIVING PILING (BRIDGE 9)	504.10				<b>5 CY TOTAL FILL REQUIRED</b>
								650		650		LF	STEEL PILING FOR INTEGRAL ABUTMENTS, HP 12 X 84	505.265				<b>450 CY TOTAL WASTE</b>
								2		2		EACH	DYNAMIC PILE LOADING TEST	505.45				
								252300		252300		LB	STRUCTURAL STEEL, CURVED PLATE GIRDER	506.56				
								13265		13265		LB	EPOXY COATED REINFORCING STEEL	507.17				
								1		1		LS	SHEAR CONNECTORS (1684 - 7/8" X 7")	508.15				
								35		35		GAL	WATER REPELLENT, SILANE	514.10				
								100		100		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10				
								465		465		SY	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	519.20				
								90		90		LF	JOINT SEALER, HOT POURED	524.11				
								1		1		EACH	REMOVAL OF STRUCTURE (4985 SF - EST.)	529.15				
								14		14		EACH	BEARING DEVICE ASSEMBLY, INTEGRAL ABUTMENT	531.14				
								1		1		LS	PRECAST CONCRETE STRUCTURE (8" DECK SLABS)	540.10				
								1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT #1 BRIDGE 9)	540.10				
								1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT #2 BRIDGE 9)	540.10				
													BEGN OPTION AA					
					84					84		LF	18" CAAP .060 (2-2/3 X 1/2)	601.0215				
					84					84		LF	18" PCCSP .064 (2-2/3 X 1/2)	601.0415				
					84					84		LF	18" CPEP	601.0915				
													END OPTION AA					
					1					1		EACH	PRECAST REINFORCED CONCRETE DROP INLET WITH CAST IRON GRATE	604.18				
					2					2		EACH	CHANGNG ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40				
					1					1		EACH	CHANGNG ELEVATION OF SEWER MANHOLES	604.42				
							10			10		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25				
					1					1		TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15				
							10			10		CY	STONE FILL, TYPE I	613.10				
								635		635		CY	STONE FILL, TYPE IV	613.13				

PROJECT NAME:	<b>CHESTER</b>
PROJECT NUMBER:	<b>BRF 025-1(37)</b>
FILE NAME:	s95b168quantitysheets.dgn
PROJECT LEADER:	C.P.WILLIAMS
DESIGNED BY:	R.S.YOUNG
QUANTITY SHEET #1	
PLOT DATE:	09/20/2010
DRAWN BY:	D.D.BEARD
CHECKED BY:	R.S.YOUNG
SHEET	60 OF 124