

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
							ROADWAY	EROSION CONTROL	BRIDGE	FULL CE ITEMS	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
							1				1		LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10				
							340				340		CY	COMMON EXCAVATION	203.15		340	CY	COMMON EXCAVATION (340*1.0)
									540		540		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27		405	CY	UNCLASSIFIED CHANNEL EXCAVATION (540*0.75)
																	67.5	CY	STRUCTURE EXCAVATION (90*0.75)
							1				1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22		812.5	CY	SUB TOTAL
									90		90		CY	STRUCTURE EXCAVATION	204.25		2.5	CY	ROUNDING
									20		20		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30		815	CY	TOTAL FILL AVAILABLE
							360				360		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35		50	CY	TOTAL FILL REQUIRED
							90				90		CY	AGGREGATE SURFACE COURSE	401.10		765	CY	TOTAL WASTE
							15				15		CY	AGGREGATE SHOULDERS, IN PLACE	402.10				
							4				4		CWT	EMULSIFIED ASPHALT	404.65				
							1				1		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50				
									1		1		LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10		37	TON	TYPE III
									800		800		LF	STEEL PILING, HP 12 X 63	505.155		63	TON	TYPE IV
									2		2		EACH	DYNAMIC PILE LOADING TEST	505.45		100	TON	TOTAL
									1900		1900		LB	REINFORCING STEEL, LEVEL II (FPQ)	507.12				
									44		44		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10				
									150		150		SY	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	519.20				
									124		124		LF	BRIDGE RAILING, GALVANIZED 3 RAIL BOX BEAM	525.335				
									1		1		EACH	REMOVAL OF STRUCTURE (450 SF - EST.)	529.15				
									12		12		EACH	BEARING DEVICE ASSEMBLY, STEEL REINFORCED ELASTOMERIC PAD	531.17				
														BEGIN OPTION AA					
									1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT #1)	540.10				
									1		1		LS	SPECIAL PROVISION (CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE)(ABUTMENT #1)	900.645				
														END OPTION AA					
														BEGIN OPTION BB					
									1		1		LS	PRECAST CONCRETE STRUCTURE (ABUTMENT #2)	540.10				
									1		1		LS	SPECIAL PROVISION (CONTRACTOR-FABRICATED PRECAST CONCRETE STRUCTURE)(ABUTMENT #2)	900.645				
														END OPTION BB					
									20		20		LF	CLEANING CULV. PIPE, IN-PLACE [0 TO 24 IN., INCL.]	601.995				
								1			1		MGAL	DUST CONTROL WITH WATER	609.10				
									320		320		CY	STONE FILL, TYPE III	613.12				
							190				190		LF	REMOVING AND RESETTING FENCE	620.50				
							39				39		LF	BOX BEAM GUARDRAIL	621.30				
							2				2		EACH	MANUFACTURED TERMINAL SECTION, TANGENT	621.51				
							4				4		EACH	GUARDRAIL APPROACH SECTION, GALVANIZED 3 RAIL BOX BEAM	621.725				
							112.5				112.5		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80				
							200				200		HR	FLAGGERS	630.15				
													LS	FIELD OFFICE, ENGINEERS	631.10				
													LS	TESTING EQUIPMENT, CONCRETE	631.16				

PROJECT NAME: CAMBRIDGE
 PROJECT NUMBER: BRO 1448(39)
 FILE NAME: s12j166qs.dgn
 PROJECT LEADER: K. HIGGINS
 DESIGNED BY: G. LAROCHE
 QUANTITY SHEET 1
 PLOT DATE: 16-SEP-2014
 DRAWN BY: J. SALVATORI
 CHECKED BY: G. LAROCHE
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