

# QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES

TOTALS

DESCRIPTIONS

DETAILED SUMMARY OF QUANTITIES

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES				
							ROADWAY	EROSION CONTROL	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				EARTHWORK SUMMARY
							480				480		CY	COMMON EXCAVATION	203.15		1,281	CY	FILL REQUIRED COMMON FILL (1.15*1114 CY)
							10				10	0	CY	SOLID ROCK EXCAVATION	203.16				FILL AVAILABLE
									1320		1320		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27		96	CY	COMMON EXCAVATION (0.2*480 CY)
							670				670	779.13	CY	EARTH BORROW	203.30		1	CY	SOLID ROCK EXCAVATION (0.1*10 CY)
							220				220	248.76	CY	SAND BORROW	203.31		396	CY	UNCLASSIFIED CHANNEL EXCAVATION (0.3*1320 CY)
							810				810	641.73	CY	GRANULAR BORROW	203.32		84	CY	TRENCH EXCAVATION OF EARTH (0.3*280 CY)
							280	10			290	258.12	CY	TRENCH EXCAVATION OF EARTH	204.20		40	CY	STRUCTURE EXCAVATION (0.5*80 CY)
							10				10	18.2	CY	TRENCH EXCAVATION OF ROCK	204.21		--		TOTAL
							1				1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22		617	CY	FILL REQUIRED
									80		80	47.38	CY	STRUCTURE EXCAVATION	204.25		617	CY	FILL AVAILABLE
									220		220	162.42	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30		--		
							390				390	398.67	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10		664	CY	EARTH BORROW, CALC.
							660	30			690	635.47	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35		20	CY	EARTH BORROW, MN.
							40				40	28.7	CY	AGGREGATE SURFACE COURSE	401.10		--		
							3				3	3	CWT	EMULSIFIED ASPHALT	404.65		664	CY	EARTH BORROW, CALC.
							1				1	-488.22	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50		670	CY	EARTH BORROW, ROUND
									66		66	61.9	CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34				
									1		1	1	LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10				
									796		796	568.34	LF	STEEL PILING FOR INTEGRAL ABUTMENTS, HP 12 X 84	505.265				
									2		2	3	EACH	DYNAMIC PILE LOADING TEST	505.45				
									115850		115850	115392	LB	STRUCTURAL STEEL, PLATE GIRDER	506.55				
									46541		46541	47332	LB	EPOXY COATED REINFORCING STEEL	507.17				
									1		1	1	LS	SHEAR CONNECTORS (752 - 7/8" DIA. x 7")	508.15				
									41		41	45	GAL	WATER REPELLENT, SILANE	514.10				
									44		44	44	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10				
									262.5		262.5	262.5	LF	BRIDGE RAILING, GALVANIZED HD STEEL BEAM/FASCIA MOUNTED	525.41				
							1				1	1	LS	MAINTENANCE OF STRUCTURES AND APPROACHES	527.10				
									90		90	89.56	SY	REMOVAL OF BRIDGE PAVEMENT	529.10				
									1		1	1	EACH	PARTIAL REMOVAL OF STRUCTURE	529.20				
														BEGIN OPTION AA					
							236				236	240	LF	24" CAAP .105 (2-2/3 X 1/2)	601.0227				
							236				236		LF	24" PCCSP .109 (2-2/3 X 1/2)	601.0427				
														END OPTION AA					
							2				2	2	EACH	PRECAST REINFORCED CONCRETE PIPE DI WITH CAST IRON GRATE	604.25				
							46				46	75	LF	6 INCH UNDERDRAIN PIPE	605.10				
								10			10		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25				
							1				1	0	MGAL	DUST CONTROL WITH WATER	609.10				
							1				1	0	TON	DUST AND ICE CONTROL WITH CALCIUM CHLORIDE	609.15				
							20	10			30	21.7	CY	STONE FILL, TYPE I	613.10				

PROJECT NAME: **BROWNINGTON**  
PROJECT NUMBER: **BRO 1449 (28)**  
FILE NAME: sj246qty.xls PLOT DATE: 01/05/2009  
PROJECT MANAGER: R. Whitcomb DRAWN BY: T. Lackey  
DESIGNED BY T. Lackey CHECKED BY: R. Whitcomb  
QUANTITY SHEET #1 SHEET 7 OF 58