

# QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES			
							ROADWAY	EROSION CONTROL	BRIDGE	FULL E&C	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				
							1290				1290	1376.4	CY	COMMON EXCAVATION	203.15				
							220				220	0	CY	SAND BORROW	203.31				
							80	10			90	73.6	CY	TRENCH EXCAVATION OF EARTH	204.20		900	CY	ITEM 203.15 COMMON EXCAVATION (0.7*1290 CY)
							10				10	6.81	CY	TRENCH EXCAVATION OF ROCK	204.21		24	CY	ITEM 204.20 TRENCH EXCAVATION OF EARTH (0.3*80 CY)
							1				1	35.2	CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22		15	CY	ITEM 204.25 STRUCTURE EXCAVATION (0.3*50 CY CM)
									50		50		CY	STRUCTURE EXCAVATION	204.25		---		
							30				80	58.5	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30		939	CY	TOTAL FILL AVAILABLE
							22.4				500	825.2	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10		0	CY	TOTAL FILL REQUIRED
							500		36.1	CY	500	825.2	SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10				
							770				770	1005.9	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35		939	CY	WASTE
							2				2	11.8	CWT	EMULSIFIED ASPHALT	404.65				
							1				1	+3461	LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50				
							8		29		37	46.61	CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34				
							3.73		42.88		2900	2880	LB	REINFORCING STEEL	507.15				
							690		2210		132	226	LF	DRILLING AND GROUTING DOWELS	507.16				
							398		1982		1050	1890	LB	EPOXY COATED REINFORCING STEEL	507.17				
									226		68	67.67	LF	PRESTRESSED CONCRETE VOIDED SLABS (18" x 48")	510.22				
									1050		68	67.67	LF	PRESTRESSED CONCRETE VOIDED SLABS (18"-19" x 48")	510.22				
									68		68	67.67	LF	PRESTRESSED CONCRETE VOIDED SLABS (19"-20" x 48")	510.22		10	CY	ITEM 204.20 TRENCH EXCAVATION OF EARTH
									68		68	67.67	LF	PRESTRESSED CONCRETE VOIDED SLABS (20"-21" x 48")	510.22		10	HR	ITEM 608.25 ALL PURPOSE EXCAVATOR, TYPE I
									68		68	67.67	LF	PRESTRESSED CONCRETE VOIDED SLABS (21" x 48")	510.22		10	CY	ITEM 613.10 STONE FILL, TYPE I
									34		34	33.83	LF	PRESTRESSED CONCRETE VOIDED SLABS (21" x 48")	510.22		50	SY	ITEM 649.51 GEOTEXTILE FOR SILT FENCE
									271		271	270.60	LF	GROUTING SHEAR KEYS	510.24		10	LB	ITEM 651.17 SEED, WINTER RYE
									6		6	5	GAL	WATER REPELLENT, SILANE	514.10		1	TON	ITEM 651.25 HAY MULCH
									36		36	25.5	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10		50	SY	ITEM 653.20 TEMPORARY EROSION MATTING
									100		100	95.9	SY	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	519.20		10	CY	ITEM 653.35 VEHICLE TRACKING PAD
									100		100	145.7	SY	REMOVAL OF BRIDGE PAVEMENT	529.10		6	EA	ITEM 653.40 INLET PROTECTION DEVICE, TYPE I
									1		1	1	EACH	PARTIAL REMOVAL OF STRUCTURE	529.20		370	LF	ITEM 653.55 PROJECT DEMARCATION FENCE
									13		13	10.31	CY	REMOVAL OF CONCRETE OR MASONRY	529.25				
									36		36	36	EACH	BEARING DEVICE ASSEMBLY, ELASTOMERIC PAD	531.11				
														BEGIN OPTION AA					
							154				154		LF	18" CAAP .075 (2-2/3 X 1/2)	601.0216				
							154				154		LF	18" PCCSP .079 (2-2/3 X 1/2)	601.0416				
							154				154	178.0	LF	18" CPEP(SL)	601.2615				
														END OPTION AA					
							3				3	5	EACH	CAST IRON GRATE WITH FRAME, TYPE D	604.47				
								10			10	0	HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25				
								10			10	0	CY	STONE FILL, TYPE I	613.10				
							300				300	356.8	LF	CAST-IN-PLACE CONCRETE CURB, TYPE B	616.28				
							1				1	1	EACH	RELOCATE MAILBOX, MULTIPLE SUPPORT	617.12				
							160				160	164.8	SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10				

PROJECT NAME: FAIRFAX  
PROJECT NUMBER: BHF 023-1(15)  
FILE NAME: s86e064\_qs.dgn PLOT DATE: 07/20/2009  
PROJECT LEADER: C. CARLSON DRAWN BY: L. BULLOCK  
DESIGNED BY: C. CARLSON CHECKED BY: C. MOONEY  
QUANTITY SHEET #4 SHEET 4 OF 61