

# BRIDGE QUANTITY SHEET 1

SUMMARY OF BRIDGE QUANTITIES										TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES			
						RETAINING WALL	DECK	ABUTMENT NO. 1	ABUTMENT NO. 2	BRIDGE TOTAL		UNIT	ITEMS	ITEM NUMBER		QUANTITIES	UNIT	ITEMS
						40		5	5	50	50	CY	STRUCTURE EXCAVATION	204.25				
						40		5	5	50	36.1	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30				
						15		7	7	29	42.88	CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34				
						1590		355	265	2210	1982	LB	REINFORCING STEEL	507.15				
								72	60	132	226	LF	DRILLING AND GROUTING DOWELS	507.16				
							1050			1050	1890	LB	EPOXY COATED REINFORCING STEEL	507.17				
							68			68	67.67	LF	PRESTRESSED CONCRETE VOIDED SLABS (18" x 48")	510.22				
							68			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				
							68			68	67.67	LF	PRESTRESSED CONCRETE VOIDED SLABS (20"-21" x 48")	510.22				
							34			34	33.83	LF	PRESTRESSED CONCRETE VOIDED SLABS (21" x 48")	510.22				
							271			271	270.60	LF	GROUTING SHEAR KEYS	510.24				
						2	4			6	5	GAL	WATER REPELLENT, SILANE	514.10				
							36			36	25.5	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10				
							100			100	95.9	SY	SHEET MEMBRANE WATERPROOFING, TORCH APPLIED	519.20				
							100			100	145.7	SY	REMOVAL OF BRIDGE PAVEMENT	529.10				
							1			1	1	EACH	PARTIAL REMOVAL OF STRUCTURE	529.20				
								5	8	13	10.31	CY	REMOVAL OF CONCRETE OR MASONRY	529.25				
								18	18	36	36	EACH	BEARING DEVICE ASSEMBLY, ELASTOMERIC PAD	531.11				
							12			12	17.74	CY	SPECIAL PROVISION (HIGH PERFORMANCE CONCRETE, CLASS A LOW CEMENT)	900.608				
							116			116	116.76	LF	SPECIAL PROVISION (BRIDGE RAILING, ANODIZED ALUMINUM/PEDESTRIAN)	900.640				
							16			16	15.98	TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY)	900.680				

PROJECT NAME: FAIRFAX  
 PROJECT NUMBER: BHF 023-1(15)  
 FILE NAME: s86e064\_qs.dgn  
 PROJECT LEADER: C. CARLSON  
 DESIGNED BY: C. CARLSON  
 BRIDGE QUANTITY SHEET #1  
 PLOT DATE: 07/20/2009  
 DRAWN BY: L. BULLOCK  
 CHECKED BY: C. MOONEY  
 SHEET 6 OF 61