

BRIDGE QUANTITY SHEET 1

SUMMARY OF BRIDGE QUANTITIES										TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES		
			Pier 1	Pier 2	Approach Slab 1	Abutment 1	Deck	Abutment 2	Approach Slab 2	BRIDGE TOTAL	UNIT	ITEMS	ITEM NUMBER	QUANTITIES	UNIT	ITEMS	
						990		1790		2780	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27				
						170		160		330	CY	STRUCTURE EXCAVATION	204.25				
						85		95		180	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30				
					15		145		50	210	TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30				
						40	65	45		150	CY	CONCRETE, HIGH PERFORMANCE CLASS A (FPQ)	501.33				
			25	25	30	50		50	40	220	CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34				
							369110			369110	LB	STRUCTURAL STEEL, PLATE GIRDER (FPQ)	506.55				
			2855	2855	2465	6710		7710	3255	25850	LB	REINFORCING STEEL, LEVEL I (FPQ)	507.11				
						600		750		1350	LB	REINFORCING STEEL, LEVEL III (FPQ)	507.13				
							1			1	LS	SHEAR CONNECTORS (1678 OF STUDS - 7/8" x 8")	508.15				
			12	12		9	80	7		120	GAL	WATER REPELLENT, SILANE	514.10				
						41		53		94	LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10				
							850			850	SY	MEMBRANE WATERPROOFING, SPRAY APPLIED	520.10				
					42				73	115	LF	JOINT SEALER, HOT POURED	524.11				
							1			1	LS	TWO-WAY TEMPORARY BRIDGE (3220 SF - EST.)	528.11				
							1			1	EACH	REMOVAL OF STRUCTURE (3400 SF - EST.)	529.15				
			6	6						12	EACH	BEARING DEVICE ASSEMBLY, ELASTOMERIC PAD W/ EXT. LOAD PLATES	531.18				
			1							1	LS	PRECAST CONCRETE STRUCTURE (PIER CAP #1)	540.10				
				1						1	LS	PRECAST CONCRETE STRUCTURE (PIER CAP #2)	540.10				
						960		1940		2900	CY	STONE FILL, TYPE IV	613.13				
						700		950		1650	SY	GEOTEXTILE UNDER STONE FILL	649.31				
						560		740		1300	SY	GRUBBING MATERIAL	651.40				
							371			371	LF	SPECIAL PROVISION (BRIDGE RAILING, TEXAS)	900.640				
			145	145						290	LF	SPECIAL PROVISION (DRILLED SHAFT IN EARTH)(6 FT)	900.640				
			10	10						20	LF	SPECIAL PROVISION (DRILLED SHAFT OBSTRUCTION DRILLING AND REMOVAL)	900.640				
					48				55	103	LF	SPECIAL PROVISION (GUARDRAIL APPR. SECTION TO CONC. BR. RAILING)(TL-2)	900.640				
			0.5	0.5						1	LS	SPECIAL PROVISION (MOBILIZATION OF DRILLED SHAFT EQUIPMENT)	900.645				
			0.5	0.5						1	LS	SPECIAL PROVISION (TEMPORARY STEEL SHEET PILING)	900.645				
							8125			8125	SF	SPECIAL PROVISION (PRECAST CONCRETE DECK PANEL)(8 1/2 IN.)	900.670				
					1		3		1	5	CWT	SPECIAL PROVISION (EMULSIFIED ASPHALT)(RS-1H OR CRS-1H)	900.683				

PROJECT NAME: EAST MONTPELIER
 PROJECT NUMBER: BRF 037-1(7)
 FILE NAME: 06_Quantities.dgn
 PROJECT LEADER: T. KNIGHT
 DESIGNED BY: K. RICHARDSON
 BRIDGE QUANTITY SHEET
 PLOT DATE: 2/17/2017
 DRAWN BY: C. GENDRON
 CHECKED BY: D. YOULEN
 SHEET 10 OF 158

