

SUMMARY OF ESTIMATED QUANTITIES										TOTALS		DESCRIPTIONS			DETAILED SUMMARY OF QUANTITIES			
					ROADWAY	TRAINING	EROSION CONTROL	BRIDGE	FULL C.E. 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				
					1					1		EACH	DEMOLITION AND DISPOSAL OF BUILDING	202.10				
					2400					2400		CY	COMMON EXCAVATION	203.15				
								20		20		CY	SOLID ROCK EXCAVATION	203.16				
								100		100		CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27				
					330					330		CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28				
					420					420		CY	SAND BORROW	203.31				
					90		10			100		CY	TRENCH EXCAVATION OF EARTH	204.20				
					10					10		CY	TRENCH EXCAVATION OF ROCK	204.21				
					1					1		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22				
					80			180		260		CY	STRUCTURE EXCAVATION	204.25				
					60			250		310		CY	GRANULAR BACKFILL FOR STRUCTURES	204.30				
					200					200		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10				
					1960		10			1970		CY	SUBBASE OF GRAVEL	301.15				
					14			2		16		CWT	EMULSIFIED ASPHALT	404.65				
					1032			102		1134		TON	BITUMINOUS CONCRETE PAVEMENT (PG 58-28)	406.25				
								273		273		CY	CONCRETE, HIGH PERFORMANCE CLASS A	501.33				
					28			156		184		CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34				
								1		1		LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10				
								620		620		LF	STEEL PILING, HP 12 X 53	505.15				
								380900		380900		LB	STRUCTURAL STEEL, PLATE GIRDER	506.55				
								140		140		LB	STRUCTURAL STEEL	506.60				
					3260			15810		19070		LB	REINFORCING STEEL	507.15				
								590		590		LF	DRILLING AND GROUTING DOWELS	507.16				
								75140		75140		LB	EPOXY COATED REINFORCING STEEL	507.17				
								1		1		LS	SHEAR CONNECTORS (1600 - 7/8" X 7")	508.15				
								1		1		LS	STRUCTURAL PAINTING, SHOP APPLIED (3.5 TONS)	513.25				
								1		1		LS	SURFACE PREPARATION, SHOP (3.5 TONS)	513.40				
								50		50		GAL	WATER REPELLENT, SILANE	514.10				
								24		24		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10				
								31		31		LF	BRIDGE EXPANSION JOINT, VERMONT	516.11				
								610		610		SY	SHEET MEMBRANE WATERPROOFNG, TORCH APPLIED	519.20				
					33					33		LF	REMOVAL OF EXISTING RAILING	525.10				
					1					1		LS	MAINTENANCE OF STRUCTURES AND APPROACHES	527.10				
								416		416		SY	REMOVAL OF BRIDGE PAVEMENT	529.10				
								1		1		EACH	REMOVAL OF STRUCTURE (5400 SF-EST)	529.15				
								1		1		EACH	PARTIAL REMOVAL OF STRUCTURE	529.20				
								22		22		CY	REMOVAL OF CONCRETE OR MASONRY	529.25				
								10		10		EACH	BEARING DEVICE ASSEMBLY, PREFORMED FABRIC PAD	531.10				
								5		5		EACH	BEARING DEVICE ASSEMBLY, POT	531.12				

PROJECT NAME: **POWNA**
 PROJECT NUMBER: **BRZ 1441(19) C/2**
 FILE NAME: 87e045/str3/se045qty.dgn
 PROJECT MANAGER: R. WHITCOMB
 DESIGNED BY: C. CARLSON
 QUANTITY SHEET #1
 PLOT DATE: 03/10/2008
 DRAWN BY: D. PETERSON
 CHECKED BY: D. PETERSON
 SHEET 4 OF 108