

# QUANTITY SHEET

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

## APPROXIMATE SUMMARY OF QUANTITIES

					FULL E&C ITEMS	UTILITIES NON-FED & NON-STATE PARTIC.	NON-GOVT. PARTIC.	TRAINING	EROSION CONTROL	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
											1	1	LS	CLEARING AND GRUBBING (INCLUDING INDIVIDUAL TREES AND STUMPS)	201.10	
											2	2	EA	DEMOLITION AND DISPOSAL OF BUILDING STA 128+75 LT - CONCRETE PAD STA 130+50 LT - CONCRETE WALL AND SLAB	202.10	0
											2300	2300	CY	COMMON EXCAVATION	203.15	18
											25	25	CY	SOLID ROCK EXCAVATION	203.16	EST
										2050		2050	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	53
										900		900	CY	SAND BORROW	203.31	25
										530		530	CY	GRANULAR BORROW	203.32	5
								15		550		565	CY	TRENCH EXCAVATION OF EARTH	204.20	10
										5		5	CY	TRENCH EXCAVATION OF ROCK	204.21	0
										474		474	CY	STRUCTURE EXCAVATION	204.25	5
										308	40	348	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	8
											350	350	SY	COLD PLANING - BIT. PAVEMENT	210.10	8
								80		1630		1710	CY	SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)(MODIFIED)	301.25	6
										7		7	CY	AGGREGATE SURFACE COURSE	401.10	1
										6.00		6.00	CWT	EMULSIFIED ASPHALT	404.65	0.04
										1050		1050	TON	BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	406.25	11
											25	25	CY	CONCRETE, CLASS B (FOR DROP INLETS)	501.25	2.48
										216		216	CY	CONCRETE, HIGH PERFORMANCE CLASS A	501.33	3
										353		353	CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	10
										1		1	LS	FURNISHING EQUIPMENT FOR DRIVING PILING	504.10	
										1215		1215	LF	STEEL PILING (HP 12 x 53)	505.15	13
										273,000		273,000	LB	STRUCTURAL STEEL (PLATE GIRDER)	506.55	1077
										18,287	1825	20,112	LB	REINFORCING STEEL	507.15	162
										62,056		62,056	LB	EPOXY COATED REINFORCING STEEL	507.17	442
										1		1	LS	SHEAR CONNECTORS (1236 ~ 7/8" DIA. x 7" STUDS)	508.15	
										1		1	LS	STRUCTURAL PAINTING, SHOP APPLIED (8 TONS)	513.25	
										1		1	LS	SURFACE PREPARATION, SHOP (8 TONS)	513.40	
										13		13	GAL	WATER REPELLENT	514.10	
										41		41	LF	BRIDGE EXPANSION JOINT	516.10	
										630		630	SY	SHEET MEMBRANE WATERPROOFING (MODIFIED-TORCH APPLIED)	519.20	9
										134.21		134.21	LF	BRIDGE RAILING-2 RAIL ALUMINUM (R/H SIDE)	525.21	
										166.00		166.00	LF	BRIDGE RAILING-ALUMINUM/PEDESTRIAN (L/H SIDE)	525.23	
										1		1	LS	TWO-WAY TEMPORARY BRIDGE	528.11	
										1		1	EA	PARTIAL REMOVAL OF STRUCTURE	529.20	
										12		12	EA	BEARING DEVICE ASSEMBLY	531.10	

## DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
1499	CY	MAINLINE
602	CY	DRIVES
181	CY	STONE FILL
18	CY	ROUNDING
2300	CY	TOTAL
		TRENCH EXCAVATION OF EARTH
328	CY	PROPOSED CULVERT & DROP INLET EXCAVATION
102	CY	UNDERDRAIN EXCAVATION
110	CY	WATERLINE EXCAVATION
15	CY	TEMPORARY EROSION CONTROL
10	CY	ROUNDING
565	CY	TOTAL
		SUBBASE OF CRUSHED GRAVEL (COARSE GRADED) (MODIFIED)
1357	CY	MAINLINE
261	CY	DRIVES
6	CY	PATH TO CEMETERY STA 129+50 RT
80	CY	TEMPORARY EROSION CONTROL
6	CY	ROUNDING
1710	CY	TOTAL
		BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
		TYPE IV    TYPE III    TYPE II    TYPE I
305	TON	APPROACHES    -    84    101    120
343	TON	MAINLINE    -    78    109    156
105	TON	BRIDGE    52.5    52.5    -    -
84	TON	DRIVES    -    57    27    -
200	TON	DETOUR    -    200    -    -
1037	TON	SUBTOTAL    52.5    471.5    237    276
13	TON	ROUNDING
1050	TON	TOTAL

PROJECT NAME  
PROJECT NUMBER

ROYALTON  
BRS 0147(5)S

SHEET 4 OF 76 SHEETS