

BRIDGE QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION
STRUCTURES DIVISION

ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN										TOTAL	FINAL	
			BRIDGE ALT. 1	BRIDGE ALT. 2	SUPER-STRUCT.	ABUT. NO. 1	ABUT. NO. 2	APPR. SLAB NO. 1	APPR. SLAB NO. 2	CHANNEL					
203.27	UNCLASSIFIED CHANNEL EXCAVATION	CY				830	430							1,260	
203.32	GRANULAR BORROW	CY				20	20							40	
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY				800	810							1,610	
208.30	COFFERDAM EXCAVATION, EARTH	CY				1210	830							2,040	
208.35	COFFERDAM EXCAVATION, ROCK	CY				40	80							120	
208.40	COFFERDAM (STA 102+95)	LS				1								1	
208.40	COFFERDAM (STA 103+70)	LS					1							1	
501.25	CONCRETE, CLASS B	CY							0.5	0.5				1	
501.33	CONCRETE, HIGH PERFORMANCE CLASS A (MOD.-FPQ)	CY	204											204	
501.33	CONCRETE, HIGH PERFORMANCE CLASS A (SIPMF)(MOD.-FPQ)	CY		204										204	
501.34	CONCRETE, HIGH PERFORMANCE CLASS B	CY				293	298	29	29					649	
504.10	FURNISHING EQUIPMENT FOR DRIVING PILING	LS				0.5	0.5							1	
505.17	STEEL PILING (HP 14 x 73)	LF				1,080	1,440							2,520	
505.45	DYNAMIC PILE LOADING TEST	EA				1	1							2	
506.55	STRUCTURAL STEEL (PLATE GIRDER)	LB			136,860									136,860	
507.15	REINFORCING STEEL	LB				29,600	29,675							59,275	
507.17	EPOXY COATED REINFORCING STEEL	LB			31,785				3,450	3,435				38,670	
507.19	MECHANICAL BAR CONNECTOR	EA				240	240							480	
507.19	MECHANICAL BAR CONNECTOR (MOD. - EPOXY COATED)	EA			1576				42	42				1,660	
508.15	SHEAR CONNECTORS (1224 @ 7/8" DIA. x 7" STUDS)	LS			1									1	
513.25	STRUCTURAL PAINTING, SHOP APPLIED (68.4 TONS)	LS			1									1	
513.35	CONTAINMENT AND ENVIRONMENTAL PROTECTION, SHOP	LS			1									1	
513.40	SURFACE PREPARATION, SHOP (68.4 TONS)	LS			1									1	
514.10	WATER REPELLENT (MOD. - SILANE)	GAL			13	7	7							27	
516.10	BRIDGE EXPANSION JOINT (ASPHALTIC PLUG)	LF			33									33	
519.20	SHEET MEMBRANE WATERPROOFING (MOD. - TORCH APPLIED)	SY			281				71	71				423	
525.15	METAL HAND RAILING (MOD. - TEMPORARY PEDESTRIAN RAILING)	LF			80									80	
525.23	BRIDGE RAILING -ALUMINUM/PEDESTRIAN (MOD. - ANODIZED BLACK)	LF			155									155	
527.10	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECTS (MOD.)	LS			1									1	
528.11	TWO-WAY TEMPORARY BRIDGE (1500 SF-EST.) (MOD. - 22' WIDE)	LS			1									1	
529.15	REMOVAL OF STRUCTURE (2000 SF - EST.)	EA			1									1	
531.10	BEARING DEVICE ASSEMBLY (FABRIC)	EA			18									18	
613.13	STONE FILL, TYPE IV	CY				570	570							1,140	
616.22	GRANITE BRIDGE CURB	LF			156									156	
649.31	GEOTEXTILE UNDER STONE FILL	SY				575	540							1,115	
651.40	GRUBBING MATERIAL	SY				147	178							325	

BRIDGE AT STATION REV STA 102+94.21 TO REV STA 103+71.79
LOCATION VT. ROUTE 15 OVER GIHON RIVER

PREPARED BY: R. RICARD
CLD PROJECT MANAGER:
CHECKED BY: B. WELCH / S. BEAUMONT
J. BYATT

PROJECT: JOHNSON
BR 37

PROJECT NO: BRF 030-2(17) S
SHEET NO: 47 OF 85

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