

# BRIDGE QUANTITY SHEET

STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
STRUCTURES DIVISION

ITEM NO.	ITEM	UNIT	QUANTITY BREAKDOWN										TOTAL	FINAL
			SUPER STRCT.	ABUT #1	PIER	ABUT #2	APPR SLAB#1	APPR SLAB#2	CHANNEL					
203.27	UNCLASSIFIED CHANNEL EXCAVATION	CY										620	620	
203.32	GRANULAR BORROW	CY		1377			1159						2536	
204.25	STRUCTURE EXCAVATION	CY		520			280						800	
204.30	GRANULAR BACKFILL FOR STRUCTURES	CY		542			282						824	
204.40	COFFERDAM (STA 115+01) (PIER)	LS			1								1	
404.65	EMULSIFIED ASPHALT	CWT	2										2	
406.25	BITUMINOUS CONCRETE PAVEMENT	TON	177					13	13				203	
501.22	CONCRETE, CLASS A	CY	356										356	
501.25	CONCRETE, CLASS B	CY		356	175		197	39	39				806	
501.60	SILICA FUME CONCRETE	CY	43	6			2						51	
504.10	FURNISHING EQUIPMENT FOR DRIVING PILES	LS		.3	.4		.3						1	
505.16	STEEL PILING (HP12x74)	LF		1925	505		3560						5990	
505.36	TEMPORARY STEEL SHEET PILING	SF		2300			1500						3800	
506.55	STRUCTURAL STEEL (PLATE GIRDER)	LB	599,750										599,750	
507.15	REINFORCING STEEL	LB		42,820	34,550		23,990						101,360	
507.17	EPOXY COATED REINFORCING STEEL	LB	107,880					4280	4390				116,550	
508.15	SHEAR CONNECTORS (2688 1/4" DIA. x 7" LONG)	LS	1										1	
513.25	STRUCTURAL PAINTING, (SHOP APPLIED) (*8 TONS*)	LS	1										1	
513.40	SURFACE PREPARATION	LS	1										1	
514.10	WATER REPELLANT	GAL	13	12	16		6						47	
516.10	BRIDGE EXPANSION JOINT	LF	46										46	
519.20	SHEET MEMBRANE WATERPROOFING	SY	1255					91	91				1437	
525.22	BRIDGE RAILING 3-RAIL ALUMINUM (WITH OFFSET BLOCKS)	LF	650										650	
527.10	MAINTENANCE OF TRAFFIC FOR BRIDGE PROJECT	LS	1										1	
529.10	REMOVAL OF BRIDGE PAVEMENT	SY	760										760	
529.20	PARTIAL REMOVAL OF STRUCTURE	EA	0.5	0.1	0.3		0.1						1	
531.10	BEARING DEVICE ASSEMBLY	EA	21										21	
613.12	STONE FILL (TYPE III)	CY		1020	250		940						2210	
623.21	SETTLEMENT PLATFORM, TYPE I	EA		1			4						5	
623.23	SETTLEMENT PLATFORM VIBRATING WIRE	EA		1			2						3	
631.16	TESTING EQUIPMENT - CONCRETE	LS	.2	.2	.2		.2	.1	.1				1	
631.18	TESTING EQUIPMENT-PROTECTIVE COATING	LS	1										1	
649.31	GEOTEXTILE UNDER STONE FILL	SY		1120			770						1890	
651.40	GRUBBING MATERIAL	SY		820			510						1330	

9/5/96 Revision (Number of Shear Conn.)

## STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of <b>SPRINGFIELD</b>		Bridge No. <b>44</b>	
Highway No. <b>U.S. ROUTE 5</b>		Log Sta.	
		Surv. Sta.	
<b>U.S. ROUTE 5 OVER BLACK RIVER</b>			
<b>BRIDGE QUANTITY SHEET</b>			
Designed By <b>S. BAKI</b>		Drawn By <b>K. NICHOLS</b>	
Checked By <b>S. BAKI</b>	Date <b>7/95</b>	Bridge Design Supervisor <b>P. PIERCE</b>	Date <b>5/96</b>
PROJECT <b>SPRINGFIELD</b>		PROJECT NO. <b>BRS-RS 0113 (8)</b>	
I.G.C. Info. <b>pn\j9145622\struct\sprbrqua.dgn</b>			
Bridge Sheet No. <b>BRI01</b>		Sheet <b>30</b> of <b>90</b>	