QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUMMARY OF ESTIMATED QUANTITIES

			NON-GOV'T PARTICIPATION	TRAINING	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
						1	1	L.S.	CLEARING AND GRUBBING (INCL. INDIV. TREES & STUMPS)	201.10	
						35,000	35,000	C.Y.	COMMON EXCAVATION	203.15	551
						50	50	C.Y.	SOLID ROCK EXCAVATION	203.16	EST
						230	230	C.Y.	MUCK EXCAVATION (MODIFIED)	203.20	4
					620	300	920	C.Y.	UNCLASSIFIED CHANNEL EXCAVATION	203.27	15
						35	35	C.Y.	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	
						600	600	C.Y.	EARTH BORROW	203.30	9
						3,000	3,000	C.Y.	SAND BORROW	203.31	26
					2,540	4,140	6,680	C.Y.	GRANULAR BORROW	203.32	22
						12,500	12,500	S.Y.	FINE GRADING - SUBGRADE	203.40	333
						1,170	1,170	C.Y.	TRENCH EXCAVATION OF EARTH	204.20	5
						10	10	C.Y.	TRENCH EXCAVATION OF ROCK	204.21	5
					800	45	845	C.Y.	STRUCTURE EXCAVATION	204.25	15
					830		830	C.Y.	GRANULAR BACKFILL FOR STRUCTURES	204.30	6
					1		1	L.S.	COFFERDAM (STA 115+01) (PIER)	204.40	
						1000	1000	S.Y.	COLD PLANING - BITUMINOUS PAVEMENT	210.10	30
						10	10	C.Y.	EXCAVATION OF CLASS I CONTAMINATED SOILS	215.20	EST
						10	10	C.Y.	EXCAVATION OF CLASS II CONTAMINATED SOILS	215.21	EST
						6,000	6,000	C.Y.	SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)(MODIFIED)	301.25	113
						27	27	C.Y.	AGGREGATE SURFACE COURSE	401.10	1
					2	19	21	CWT	EMULSIFIED ASPHALT	404.65	
					203	2,880	3,083	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	90
						1	1	L.S.	PRICE ADJUSTMENT ASPHALT CEMENT (NOT A BID ITEM)	406.50	
					356		356	C.Y.	CONCRETE, CLASS A	501.22	
					806	10	816	C.Y.	CONCRETE, CLASS B	501.25	4
					51		51	C.Y.	SILICA-FUME CONCRETE	501.60	
					1		1	L.S.	FURNISHING EQUIPMENT FOR DRIVING PILES	504.10	
					5,990		5,990	LF	STEEL PILINGS (HP 12 X 74)	505.16	
					3,800		3,800	S.F.	TEMPORARY STEEL SHEET PILING	505.36	
					599,750		599,750	LB	STRUCTURAL STEEL (PLATE GIRDER)	506.55	
					101,360	500	101,860	LB	REINFORCING STEEL	507.15	38
					116,550		116,550	LB	EPOXY COATED REINFORCING STEEL	507.17	
					1		1	L.S.	SHEAR CONNECTORS (2688 7/8" DIA. x 7" LONG)	508.15	
					1		1	L.S.	STRUCTURAL PAINTING, SHOP APPLIED (8 TON)	513.25	
					1		1	L.S.	SURFACE PREPARATION	513.40	
					47		47	GAL.	WATER REPELLANT	514.10	
					46		46	L.F.	BRIDGE EXPANSION JOINT	516.10	
					1,437		1,437	S.Y.	SHEET MEMBRANE WATER PROOFING	519.20	

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
32,973	C.Y.	US ROUTE 5
310	C.Y.	VT. ROUTE 11
641	C.Y.	DRIVES
525	C.Y.	DRAINAGE
551	C.Y.	ROUNDING
35,000	C.Y.	TOTAL
		SUBBASE OF CRUSHED GRAVEL (COARSE GRADED) - MODIFIED
5,069	C.Y.	US ROUTE 5
102	C.Y.	VT. ROUTE 11
716	C.Y.	DRIVES
113	C.Y.	ROUNDING
6,000	C.Y.	TOTAL
		BITUMINOUS CONCRETE PAVEMENT
2,252	TON	US ROUTE 5
284	TON	VT. ROUTE 11
182	TON	SERVICE DRIVE
72	TON	DRIVES
203	TON	BRIDGE
90	TON	ROUNDING
3,083	TON	TOTAL
		FINE GRADING - SUBGRADE
9,449	S.Y.	US ROUTE 5
694	S.Y.	VT. ROUTE 11
2,024	S.Y.	DRIVES
333	S.Y.	ROUNDING
12,500	S.Y.	TOTAL
		TRENCH EXCAVATION OF EARTH
462	C.Y.	DRAINAGE
678	C.Y.	UNDERDRAINS
25	C.Y.	TEMPORARY EROSION CONTROL
5	C.Y.	ROUNDING
1170	C.Y.	TOTAL
		TEMPORARY EROSION CONTROL (INCLUDED IN ROADWAY)
25	C.Y.	TRENCH EXCAVATION OF EARTH
10	C.Y.	STONE FILL TYPE I
650	S.Y.	GEOTEXTILE FABRIC FOR SILT FENCE
50	S.Y.	EROSION MATTING
350	EA.	HAY BALES FOR EROSION CONTROL
15	LB.	SEED (WINTER RYE)
1	TON	HAY MULCH

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS

9/5/96 REVISION ▽ (NUMBER OF SHEAR CONN.)

STATE OF VERMONT
AGENCY OF TRANSPORTATION

Town Of SPRINGFIELD	Bridge No. 44
Highway No. U.S. ROUTE 5	Log Sta. Surv. Sta.
U.S. ROUTE 5 OVER BLACK RIVER	
SUMMARY OF QUANTITIES	
Designed By JRM	Drawn By RR/CJM
Checked By Date	Bridge Design Supervisor P. PIERCE Date
PROJECT SPRINGFIELD	PROJECT NO. BRS-RS 0113 (8)
I.G.C. Info. p:\j9145622\quant.dgn	
Bridge Sheet No.	Sheet 4 of 90

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