

SUMMARY OF ESTIMATED QUANTITIES

DETAILED SUMMARY OF QUANTITIES

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River Restoration	FULL E & C	EMPLOYEE TRAINING	LANDSCAPING	TEMPORARY EROSION CONTROL	BRIDGE	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NUMBER	RND
						1	1	L.S.	CLEARING AND GRUBBING (INCL. INDIV. TREES & STUMPS)	201.10	—
1							1	L.S.	<b>CLEARING AND GRUBBING (MOD.) (RIVER RESTORATION WORK)</b>	<b>201.10</b>	—
						9900	9900	m <sup>3</sup>	COMMON EXCAVATION	203.15	9.8
1							1	m <sup>3</sup>	SOLID ROCK EXCAVATION (N.A.B.I.)	203.16	—
						2750	2750	m <sup>3</sup>	UNCLASSIFIED CHANNEL EXCAVATION	203.27	8.3
						920	920	m <sup>3</sup>	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	7.0
						17000	17000	m <sup>3</sup>	EARTH BORROW	203.30	18.0
						3000	3000	m <sup>3</sup>	SAND BORROW	203.31	22.2
						3680	3680	m <sup>3</sup>	GRANULAR BORROW	203.32	8.9
						8400	8400	m <sup>2</sup>	FINE GRADING - SUBGRADE	203.40	32.5
						240	240	m <sup>3</sup>	TRENCH EXCAVATION OF EARTH	204.20	9.60
						2	2	m <sup>3</sup>	TRENCH EXCAVATION OF ROCK	204.21	—
					860	18	878	m <sup>3</sup>	GRANULAR BACKFILL FOR STRUCTURES	204.30	3.3
					1135		1135	m <sup>3</sup>	COFFERDAM EXCAVATION, EARTH	208.30	—
					100		100	m <sup>3</sup>	COFFERDAM EXCAVATION, ROCK	208.35	—
					1		1	LS	COFFERDAM (STA. 10+164±)	208.40	—
					1		1	LS	COFFERDAM (STA. 10+208±)	208.40	—
						350	350	m <sup>2</sup>	COLD PLANING - BITUMINOUS PAVEMENT	210.10	9.2
						400	400	m <sup>3</sup>	SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)	301.25	39.0
						90	90	m <sup>3</sup>	AGGREGATE SURFACE COURSE	401.10	0.64
					45	465	510	kg	EMULSIFIED ASPHALT	404.65	1.5
						1600	1600	+	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34)	490.30	30.3
											7.45
					390		390	m <sup>3</sup>	CONCRETE, CLASS C	501.30	7.0
					130		130	m <sup>3</sup>	CONCRETE, HIGH PERFORMANCE CLASS A	501.33	—
					437	3	440	m <sup>3</sup>	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	—
					1		1	L.S.	FURNISHING EQUIPMENT FOR DRIVING PILES	504.10	—
					690		690	m	STEEL PILING (HP 360 X 108)	505.17	—
						2650	2650	m <sup>2</sup>	PERMANENT SHEET PILING (GRADE 50)	505.35	22
					87,400		87,400	kg	STRUCTURAL STEEL (PLATE GIRDER)	506.55	—
					26,800	100	26,900	kg	REINFORCING STEEL	507.15	67
					18,800		18,800	kg	EPOXY COATED REINFORCING STEEL	507.17	72
					1		1	L.S.	SHEAR CONNECTORS (1128) 22mm DIA. X 175 mm LONG	508.15	—
					1		1	L.S.	STRUCTURE PAINTING, SHOP APPLIED	513.25	—

QUANTITIES	UNIT	ITEMS
		COMMON EXCAVATION
257.7	m <sup>3</sup>	T.H. #42
926.1	m <sup>3</sup>	VT. ROUTE 118
—		DRIVEWAYS
842.3	m <sup>3</sup>	ABANDONED ROUTE 118
39.9	m <sup>3</sup>	DRAINAGE
2820.0	m <sup>3</sup>	WETLAND (UNAVAILABLE FOR FILL)
1898.0	m <sup>3</sup>	WETLAND (AVAILABLE FOR FILL)
926.2	m <sup>3</sup>	SURCHARGE
2180.0	m <sup>3</sup>	UNDERCUT
9.8		ROUNDING
9900	m <sup>3</sup>	TOTAL
		UNCLASSIFIED CHANNEL EXCAVATION
1168.7	m <sup>3</sup>	VT. ROUTE 118 (UNAVAILABLE FOR FILL)
1573.0	m <sup>3</sup>	VT. ROUTE 118 (AVAILABLE FOR FILL)
8.3		ROUNDING
2750	m <sup>3</sup>	TOTAL
		SAND BORROW
429.4	m <sup>3</sup>	T.H. #42
2548.4	m <sup>3</sup>	VT. ROUTE 118
22.2		ROUNDING
3000	m <sup>3</sup>	TOTAL
		FINE GRADING - SUBGRADE
1410.0	m <sup>2</sup>	T.H. #42
6147.6	m <sup>2</sup>	VT. ROUTE 118
809.9	m <sup>2</sup>	DRIVEWAYS
32.5		ROUNDING
8400	m <sup>2</sup>	TOTAL

QUANTITIES	UNIT	ITEMS
		TRENCH EXCAVATION OF EARTH
230.40	m <sup>3</sup>	DRAINAGE
—		UNDERDRAINS
—		TEMPORARY EROSION CONTROL
9.60		ROUNDING
240	m <sup>3</sup>	TOTAL
		SUBBASE OF CRUSHED GRAVEL (COARSE GRADED)
445.51	m <sup>3</sup>	T.H. #42
3294.89	m <sup>3</sup>	VT. ROUTE 118
320.59	m <sup>3</sup>	DRIVEWAYS
39.01		ROUNDING
4100	m <sup>3</sup>	TOTAL
		SUPERPAVE BITUMINOUS CONCRETE PAVEMENT (PG 58-34)
236.31	+	T.H. #42
1235.93	+	VT. ROUTE 118
10.51	+	DRIVEWAYS
87.00	+	BRIDGE
30.25		ROUNDING
1600	+	TOTAL
		STONE FILL TYPE II
915.0	m <sup>3</sup>	EMBANKMENT STABILIZATION DETAIL I
15.18	m <sup>3</sup>	DRAINAGE STRUCTURE
5.11		ROUNDING
935	m <sup>3</sup>	TOTAL

**NOTE: WHERE THE TERMINOLOGY "CONCRETE, CLASS A & B (HPC-A & B)" IS FOUND IN THESE PROJECT PLANS, ITS INTENDED THAT THESE TWO CLASSES OF CONCRETE MEAN "CONCRETE, HIGH PERFORMANCE CLASS A", & "CONCRETE, HIGH PERFORMANCE CLASS B"**

PROJECT NAME : BERKSHIRE PROJECT NO. : BRF-RS 0283(7)  
 DESIGN FILE NAME: 02837FRM.DGN IPARM FILE NAME: QS01.I PLOT DATE: 18-FEB-2000  
 SURVEYED BY: SQUAD LEADER: SURVEY DATE: DRAWN BY: C. MABY SHEET: 3 OF 140