QUANTITY SHEET

STATE OF VERMONT
AGENCY OF TRANSPORTATION

APPROXIMATE SUMMARY OF QUANTITIES

EROSION CONTROL	R.O.W.	BR-100 KING BROOK	BR-110 COW PASS	BR-120 BEAVER MEADOW BROOK	BR-130 BROOK @ STA.296+55	ROADWAY	QUANTITIES GRAND TOTAL	UNIT	ITEMS	ITEM NO.	ROUNDING
						1	1	LS	CLEARING AND GRUBBING (PLUS INDIVIDUAL TREES)	201.10	
						236,623	236,623	CY	COMMON EXCAVATION (SEE EARTHWORK SHEETS)	203.15	
		60		36	43	15,301	15,440	CY	SOLID ROCK EXCAVATION	203.16	
						200	200	CY	MUCK EXCAVATION	203.20	5.6
		62		61	38		161	CY	CHANNEL EXCAVATION OF EARTH	203.25	
						500	500	CY	UNCLASSIFIED CHANNEL EXCAVATION	203.27	28
						325	325	CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	14.4
						301,786	301,786	CY	EARTH BORROW	203.30	
						80,134	80,134	CY	SAND BORROW	203.31	
		1,350	695	395	567	4,400	7,407	CY	GRANULAR BORROW	203.32	
						81,725	81,725	SY	FINE GRADING – SUBGRADE	203.40	3,891.6
494						41,330	41,824	CY	TRENCH EXCAVATION OF EARTH	204.20	
						1,106	1,106	CY	TRENCH EXCAVATION OF ROCK	204.21	
		3,353	1,135	1,233	1,065		6,786	CY	STRUCTURE EXCAVATION	204.25	
		400	550	80	80	200	X	CY	GRANULAR BACKFILL FOR STRUCTURES	204.30	2.3
						7,500	7,500	SY	DRILLING & BLASTING OF SOLID ROCK SUBGRADE	205.20	145.7
						13,000	13,000	SY	SCARIFYING PAVEMENT	212.20	112
			35				35	CY	SUBBASE OF GRAVEL	301.15	
2,472						145,000	147,472	CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	2,686
						2,500	2,500	CY	AGGREGATE SURFACE COURSE	401.10	41.5
						33,000	33,000	TON	BITUMINOUS CONCRETE PAVEMENT	406.25	243.6
		98	70	51	31	120	370	CY	CONCRETE, CLASS B	501.25	12.9
								SF	TEMPORARY STEEL SHEET PILING	505.36	
		7,126	X	6,556	4,604		18,546	LBS	STRUCTURAL STEEL	506.60	
		6,638	280	347	260	6,666	7,000	LB	REINFORCING STEEL	507.15	334
								LS	TWO-WAY TEMPORARY BRIDGE (DETOUR A)	528.11XX	
								LS	TWO-WAY TEMPORARY BRIDGE (DETOUR B)	528.11XX	
								LS	TWO-WAY TEMPORARY BRIDGE (DETOUR C)	528.11XX	
								LS	TWO-WAY TEMPORARY BRIDGE (DETOUR D)	528.11XX	
						0.1	0.1	CY	REMOVAL OF CONCRETE OR MASONRY	529.25	
									BEGIN OPTION ITEMS		
									STATION 204+75 – CATTLE PASS		
						1	1	EA	96" CGMPP (.109) (6" X 2" CORR.)–80 LF	511.1501	
								EA	96" CAAPP (.125) (9" X 2–1/2" CORR.)–80 LF	511.2501	
									STATION 114+00 – KING BROOK		
						1	1	EA	14'–10" X 9'–1" CGMPPA (.109) (6" X 2" CORR.)–110 LF	511.26100	
									STATION 250+68 – BEAVER MEADOW BROOK		
						1	1	EA	15'–6" X 9'–6" CGMPPA (.109) (6" X 2" CORR.)–98 LF	511.16120	
									STATION 296+55 – UNNAMED BROOK		
						1	1	EA	12'–11" CGMPPA (.109) (6" X 2" CORR.)–90 LF	511.16130	
						318	318	LF	12" CSP (.064)	601.0005	
						24	24	LF	12" CSP (.064)	601.0005	
									12" CPEP (SL)	601.2605	
						236	236	LF	15" CSP (.064)	601.0010	
						1,720	1,720	LF	15" CSP (.064)	601.0010	
								LF	15" CPEP (SL)	601.2610	
						76	76	LF	18" CSP (.064)	601.0415	
									18" CPEP (SL)	601.2615	
						588	588	LF	18" CAAP (.060)	601.0215	
								LF	18" PCCSP (.064)	601.0415	

(CONTINUED ON NEXT SHEET)

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		ITEM 203.15 – COMMON EXCAVATION
223,009	CY	MAINLINE
192	CY	T.H. # 57
69	CY	T.H. # 56
126	CY	T.H. # 49
34	CY	T.H. # 48
1,137	CY	T.H. # 55
752	CY	T.H. # 38
421	CY	T.H. # 33
222	CY	T.H. # 34
19	CY	T.H. # 35
2,076	CY	DRIVES
279	CY	TURNOUT 1
634	CY	TURNOUT 2
53,067	CY	EXCAVATION FOR SAND BORROW (EST.)
7,441	CY	REMOVAL OF EXISTING ROADWAY
522	CY	ROUNDING
290,000	CY	TOTAL
		ITEM 203.16 – SOLID ROCK EXCAVATION
2,749	CY	MAINLINE
3,024	CY	MAINLINE (WITH 10% OVER BREAKAGE.)
76	CY	ROUNDING
3,100	CY	TOTAL
		ITEM 203.27 – UNCLASSIFIED CHANNEL EXCAVATION
327	CY	46+80 – 48+04 RT.
23	CY	ROUNDING
350	CY	TOTAL
		ITEM 203.40 – FINE GRADING – SUBGRADE
63,087	SY	MAINLINE
389	SY	T.H. #49
524	SY	ROUNDING
64,000	SY	TOTAL

DETAILED SUMMARY OF QUANTITIES

QUANTITIES	UNIT	ITEMS
		ITEM 204.20 – TRENCH EXCAVATION OF EARTH
9,930	CY	REMOVAL OF EXISTING ROADWAY
8,953	CY	UNDERDRAIN
2,379	CY	CULVERTS
4,728	CY	DITCHES
7,068	CY	SLOPE STABILIZATION
494	CY	TEMPORARY EROSION CONTROL
48	CY	ROUNDING
33,600	CY	TOTAL
		ITEM 204.21 – TRENCH EXCAVATION OF ROCK
200	CY	DITCHES
250	CY	CULVERTS
50	CY	ROUNDING
500	CY	TOTAL
		ITEM 301.15 – SUBBASE OF GRAVEL
35	CY	COW PASS
X	CY	ROUNDING
35	CY	TOTAL
		ITEM 301.35 – SUBBASE OF DENSE GRADED CRUSHED STONE
52,039	CY	MAINLINE
1,753	CY	GUARD RAIL FLARES
2,472	CY	EROSION CONTROL
220	CY	T.H. #49
2,183	CY	DRIVES
33	CY	ROUNDING
58,700	CY	TOTAL
		ITEM 401.10 – AGGREGATE SURFACE COURSE
176	CY	T.H. # 57
156	CY	T.H. # 56
360	CY	T.H. # 48
549	CY	T.H. # 55
148	CY	T.H. # 38
232	CY	T.H. # 33
195	CY	T.H. # 34
14	CY	T.H. # 35
526	CY	DRIVES
44	CY	ROUNDING
2,400	CY	TOTAL

(CONTINUED ON NEXT SHEET)

STATIONS FROM	STATIONS TO				EQUATIONS +	EQUATIONS –	FEET	MILES	REMARKS
SUBTOTALS									

PROJECT NAME U.S. RTE. 2, MARSHFIELD
PROJECT NUMBER FEGC – F028 – 3(28)

BWC \BABRO\MARSFIGH.dwg 12-14-1992 MLW