

TABLE 14 — CYCLE-BY-CYCLE OPERATION (Sheet 6 of 6)

Address Mode & Instructions	Cycles	Cycle #	Address Bus	R/W Line	Data Bus
RELATIVE					
BCC BHT BNE BLO BCS BLE BPL BHS BEQ BLS BRA BRN BGE BLT BVC BGT BMT BVS	3	1	Op Code Address	1	Op Code
		2	Op Code Address +1	1	Branch Offset
		3	Address Bus FFFF	1	Low Byte of Restart Vector
BSR	6	1	Op Code Address	1	Op Code
		2	Op Code Address +1	1	Branch Offset
		3	Address Bus FFFF	1	Low Byte of Restart Vector
		4	Subroutine Starting Address	1	Op Code of Next Instruction
		5	Stack Pointer	0	Return Address (Low Order Byte)
		6	Stack Pointer -1	0	Return Address (High Order Byte)

