

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>OBRIEN JANE MARGARET</u> (Last) (First) (Middle) <u>ST. MARY'S COLLEGE OF MARYLAND</u> <u>18952 E. FISHER ROAD</u> (Street) <u>ST. MARY'S</u> <u>MD</u> <u>20686</u> <u>CITY</u> (City) (State) (Zip)			2. Issuer Name and Ticker or Trading Symbol <u>NORFOLK SOUTHERN CORP [NSC]</u>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)		
3. Date of Earliest Transaction (Month/Day/Year) <u>09/10/2004</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock								3,000	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					
Deferred Stock Units-Def. Compensation	(1)	09/10/2004		A ⁽¹⁾		17	(1)	(1)	Common Stock	17	\$29.15 ⁽¹⁾	4,983	D
Deferred Stock Units	(2)	09/10/2004		A ⁽²⁾		92	(2)	(2)	Common Stock	92	\$28.92 ⁽²⁾	26,538	D

Explanation of Responses:

1. Reports the number of deferred stock units--on the basis of the market value of the Common Stock on the dividend payment date--to have been credited to the reporting person's account in the Norfolk Southern Corporation Directors' Deferred Fee Plan. These deferred stock units ultimately will be satisfied in cash, not in shares of Common Stock, upon the reporting person's retirement or at such other time as may be elected under the terms of the Directors' Deferred Fee Plan.

2. Reports the number of Deferred Stock Units, exempt under Section 16b(3), credited to the account of the reporting person as of September 10, 2004, under the terms of the Outside Directors' Deferred Stock Unit Program, on the basis of the market value of the Common Stock on the dividend payment date. These Units ultimately will be satisfied in cash, not in shares of Common Stock.

Remarks:

D. M. Martin, via P.O.A. for 09/13/2004
Jane Margaret O'Brien

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.