

NORFOLK SOUTHERN CORP
 Form 4
 September 13, 2006

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 CARTER GENE R

2. Issuer Name and Ticker or Trading Symbol
 NORFOLK SOUTHERN CORP
 [NSC]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 1703 NORTH BEAUREGARD STREET
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 09/11/2006

Director 10% Owner
 Officer (give title below) Other (specify below)

ALEXANDRIA, VA 22311-1714
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock					3,100	D	
Common Stock					50	I (1)	Lillian Y. Carter Living Trust

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

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number.

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 Underlying Securities (Instr. 3 and 4)	8. Price or Value of Derivative Security (Instr. 3)
Deferred Stock Units-Dir. Def. Fee Plan	(2)	09/11/2006		A(2)	14	(2) (2)	Common Stock	14 \$ 41.2 (2)
Dir. Def. Stock Unit Prog.	(3)	09/11/2006		A(3)	160	(3) (3)	Common Stock	160 \$ 41.2 (3)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
CARTER GENE R 1703 NORTH BEAUREGARD STREET ALEXANDRIA, VA 22311-1714	X			

Signatures

D. M. Martin, via P.O.A. for Gene R. Carter
09/13/2006

**Signature of Reporting Person

Date

Explanation of Responses:

* 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).

Held by Lillian Y. Carter and Gene R. Carter, Trustees, under trust agreement dated September 9, 2003, for the Lillian Y. Carter Living Trust. The inclusion of these shares in this report shall not be construed as an admission the reporting person is the beneficial owner of these shares.

(2)

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Reports the number of deferred stock units credited to the reporting person's account in the Norfolk Southern Corporation Directors' Deferred Fee Plan in the form of a deemed reinvestment of dividends on deferred stock units held under the plan, calculated on the basis of the market value of the company's common stock on the dividend payment date. These 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 plan.

- Reports the number of deferred stock units credited to the reporting person's account in the Norfolk Southern Corporation Outside Directors' Deferred Stock Unit Program in the form of dividend equivalent payments on deferred stock units held under the plan,
- (3) calculated on the basis of the market value of the company's common stock on the dividend payment date. These 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 plan.

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

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