

# VULCAN MATERIALS CO

Reported by  
**CARROLL PHILIP J JR**

## FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 12/17/10 for the Period Ending 12/15/10

Address	1200 URBAN CENTER DRIVE BIRMINGHAM, AL 35242
Telephone	2052983000
CIK	0001396009
Symbol	VMC
Fiscal Year	12/31

# FORM 4

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL  
OMB Number: 3235-0287  
Expires: February 28, 2011  
Estimated average burden hours per response... 0.5

### 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(f) of the  
Investment Company Act of 1940

<b>1. Name and Address of Reporting Person *</b>  <b>CARROLL PHILIP J JR</b> <small>(Last) (First) (Middle)</small>  <b>1200 URBAN CENTER DRIVE</b> <small>(Street)</small>  <b>BIRMINGHAM, AL 35242</b> <small>(City) (State) (Zip)</small>	<b>2. Issuer Name and Ticker or Trading Symbol</b>  <b>Vulcan Materials CO [ VMC ]</b>  <b>3. Date of Earliest Transaction (MM/DD/YYYY)</b>  <b>12/15/2010</b>  <b>4. If Amendment, Date Original Filed (MM/DD/YYYY)</b>	<b>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b>  <input checked="" type="checkbox"/> Director <span style="float: right;"><input type="checkbox"/> 10% Owner</span> <input type="checkbox"/> Officer (give title below) <span style="float: right;"><input type="checkbox"/> Other (specify below)</span>  <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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			

#### Table II - Derivative Securities Beneficially Owned ( e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		(A)	(D)	Date Exercisable	Expiration Date				
Phantom Stock (Deferred Compensation)	(1)	12/15/2010		A (2)	V	1272.4500	(3)	(3)	Common Stock	1272.4500	\$41.2590	20686.9580	D	

#### Explanation of Responses:

- (1) Convertible on a 1-for-1 basis.
- (2) Director's fees credited to the reporting person's account in accordance with the Vulcan Materials Company Directors' Deferred Compensation Plan.
- (3) The units are to be settled in Vulcan common stock commencing at the retirement of the reporting person.

#### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>CARROLL PHILIP J JR</b> <b>1200 URBAN CENTER DRIVE</b> <b>BIRMINGHAM, AL 35242</b>	<b>X</b>			

#### Signatures

**Amy M. Tucker, Attorney-in-Fact**

**12/17/2010**

\*\* 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 control number.