United States Securities and Exchange Commission
Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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
TROSINO VINCENT J
1200 URBAN CENTER DRIVE
BIRMINGHAM, AL 35242

2. Issuer Name and Ticker or Trading Symbol
Vulcan Materials CO [ VMC ]

3. Date of Earliest Transaction (MM/DD/YYYY)
6/15/2016

4. If Amendment, Date Original Filed (MM/DD/YYYY)

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

6. Individual or Joint/Group Filing (Check Applicable Line)
X Form filed by One Reporting Person

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

<table>
<thead>
<tr>
<th>Title of Security</th>
<th>Trans. Date</th>
<th>Deemed Execution Date, if any</th>
<th>Trans. Code</th>
<th>Securities Acquired (A) or Disposed of (D)</th>
<th>Amount of Securities Beneficially Owned Following Reported Transaction(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phantom Stock (Deferred Compensation)</td>
<td>6/15/2016</td>
<td>A</td>
<td>471.5930</td>
<td>Common Stock</td>
<td>471.5930</td>
</tr>
</tbody>
</table>

Explanations 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

<table>
<thead>
<tr>
<th>Reporting Owner Name / Address</th>
<th>Relationships</th>
</tr>
</thead>
<tbody>
<tr>
<td>TROSINO VINCENT J</td>
<td>X</td>
</tr>
</tbody>
</table>

Signatures

Jerry F. Perkins Jr., Attorney-in-Fact
6/16/2016

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


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.