UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported):

Hines Real Estate Investment Trust, Inc.

(Exact name of registrant as specified in its charter)

Maryland

000-50805

(Commission

File Number)

(State or other jurisdiction of incorporation)

2800 Post Oak Blvd, Suite 5000, Houston, Texas

(Address of principal executive offices)

Registrant's telephone number, including area code:

Not Applicable

Former name or former address, if changed since last report

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

[] Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

[] Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

[] Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

[] Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

20-0138854

April 13, 2010

(I.R.S. Employer Identification No.)

77056-6118

(Zip Code)

(888) 220-6121

Item 8.01 Other Events.

April 2010 Distributions

With the authorization of its board of directors, Hines Real Estate Investment Trust, Inc. ("Hines REIT") declared distributions for the month of April 2010. These distributions will be calculated based on shareholders of record each day during the month of April 2010 in an amount equal to \$0.00165699 per share, per day and will be paid in July 2010 in cash or reinvested in stock for those participating in Hines REIT's dividend reinvestment plan.

Statements in this Current Report on Form 8-K, including intentions, beliefs, expectations or projections relating to items such as the timing of payment of distributions are forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. Such statements are based on current expectations and assumptions with respect to, among other things, future economic, competitive and market conditions and future business decisions that may prove incorrect or inaccurate. Important factors that could cause actual results to differ materially from those in the forward looking statements include the risks associated with the limitations on the Company's share redemption program, the Company's ability to raise and invest offering proceeds and other risks described in the "Risk Factors" section of Hines REIT's Registration Statement on Form S-11, its Annual Report on Form 10-K for the year ended December 31, 2009 and its other filings with the Securities and Exchange Commission.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Hines Real Estate Investment Trust, Inc.

April 13, 2010

By: /s/ Ryan T. Sims Name: Ryan T. Sims

Name: Ryan T. Sims Title: Chief Accounting Officer