

CANADIAN PACIFIC RAILWAY LTD/CN  
Form 6-K  
September 21, 2010

**SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**Form 6-K**

**Report of Foreign Issuer**  
**Pursuant to Rule 13a-16 or 15d-16 of**  
**the Securities Exchange Act of 1934**

For the month of September, 2010

**CANADIAN PACIFIC RAILWAY LIMITED**

(Commission File No. 1-01342)

**CANADIAN PACIFIC RAILWAY COMPANY**

(Commission File No. 1-15272)

(translation of each Registrant's name into English)

Suite 500, Gulf Canada Square, 401 9th Avenue, S.W., Calgary, Alberta, Canada, T2P 4Z4

(address of principal executive offices)

Indicate by check mark whether the registrants file or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrants are submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrants are submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether the registrants by furnishing the information contained in this Form are also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If Yes is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b):  
82-\_\_\_\_\_

This Report furnished on Form 6-K shall be incorporated by reference into each of the following Registration Statements under the Securities Act of 1933 of the registrant: Form S-8 No. 333-140955 (Canadian Pacific Railway Limited), Form S-8 No. 333-127943 (Canadian Pacific Railway Limited) and Form S-8 No. 333-13962 (Canadian Pacific Railway Limited).

**SIGNATURES**

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

**CANADIAN PACIFIC RAILWAY LIMITED**  
(Registrant)

Date: September 20, 2010

Signed: /s/ May Leong  
By: Name: May Leong  
Title: Assistant Corporate Secretary

**CANADIAN PACIFIC RAILWAY COMPANY**  
(Registrant)

Date: September 20, 2010

Signed: /s/ May Leong  
By: Name: May Leong  
Title: Assistant Corporate Secretary

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**DOCUMENTS FILED AS PART OF THIS REPORT ON FORM 6-K**

99.1 Press release, dated September 20, 2010.