CANADIAN NATIONAL RAILWAY CO Form 6-K/A February 20, 2014

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

Report of Foreign Issuer

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

For the month of February, 2014

Commission File Number: 001-02413

Canadian National Railway Company (Translation of registrant's name into English)

935 de la Gauchetiere Street West Montreal, Quebec Canada H3B 2M9

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:

Form 20-F Form 40-F X

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

Yes No X

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

Yes No X

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

Yes No X

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

EXPLANATION

The purpose of this amendment is to provide the signature page which was inadvertently omitted from the Form 6-K filed on February 19, 2014. All other information included in the Form 6-K remains unchanged.

Affaires juridiques Law

Cristina Circelli

Secrétaire générale déléguée et Deputy Corporate Secretary and

Avocate générale General Counsel

935, rue de La Gauchetière Ouest 935 de La Gauchetiere Street West

16e étage 16th Floor

Montréal (Québec) H3B 2M9 Montreal, Quebec, H3B 2M9

Canada Canada

T 514-399-4135 T 514-399-4135 Tc 514-399-5744 F 514-399-5744

C cristina.circelli@cn.ca E cristina.circelli@cn.ca

February 19, 2014

Ontario Securities Commission 20 Queen Street West, 22nd Floor Toronto, ON M5H 3S8

On February 18, 2014, Canadian National Railway Company ("CN") purchased 800,000 Common Shares from an arm's length third party seller shareholder through private agreement for an aggregate purchase price of C\$45,808,000. The transaction will settle on February 21, 2014. The purchased shares will be cancelled and will be included in computing the number of Common Shares purchased by CN under its current Normal Course Issuer Bid.

Yours truly,

"Cristina Circelli"

Cristina Circelli

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, thereunto duly authorized.

Canadian National Railway Company

Date: February 19, 2014 By: /s/ Cristina Circelli

Name: Cristina Circelli

Title: Deputy Corporate Secretary

and General Counsel