UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO SECTION 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of October, 2026

Commission File Number: 001-41912

Ferrovial N.V.

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The Netherlands
Tel: +31 20798 37 02
(Address of principal executive office)

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 ☐

EXPLANATORY NOTE

Ferrovial N.V. (the "Company") is submitting this current report on Form 6-K to report the transactions carried out by the Company from September 28, 2026 to October 23, 2026 under the share repurchase program started on December 15, 2025.

Attached to this current report on Form 6-K is:

(1) a press release dated October 6, 2026 as Exhibit 99.1.
(2) a press release dated October 13, 2026 as Exhibit 99.2.
(3) a press release dated October 20, 2026 as Exhibit 99.3.
(4) a press release dated October 27, 2026 as Exhibit 99.4.

EXHIBIT INDEX

Exhibit No.	Description
99.1	Press Release issued by Ferrovial N.V. dated October 6, 2026.
99.2	Press Release issued by Ferrovial N.V. dated October 13, 2026.
99.3	Press Release issued by Ferrovial N.V. dated October 20, 2026.
99.4	Press Release issued by Ferrovial N.V. dated October 27, 2026.

SIGNATURES

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

Ferrovial N.V.

Date: October 29, 2026

By: /s/ Ernesto López Mozo
Ernesto López Mozo
Chief Financial Officer

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FERROVIAL N.V. ("FERROVIAL" OR THE "COMPANY") ANNOUNCES TRANSACTIONS UNDER THE SHARE REPURCHASE PROGRAM

Amsterdam, 6 October 2026

Ferrovial (Ticker: "FER") refers to the announcement dated 12 December 2025, regarding the implementation of a repurchase program for its own shares (the "**Program**"), and the announcement dated 14 September 2026 regarding the extension of the Program's duration.

The Company reports that, during the period from 28 September to 2 October 2026, it has carried out the following transactions under the Program.

Date	Security	Trading venue	Number of shares purchased	Weighted Average Price (€)
28/09/2026	FER	US trading venues	55,000	48.88
29/09/2026	FER	US trading venues	55,000	47.97
30/09/2026	FER	US trading venues	60,000	47.70
01/10/2026	FER	US trading venues	60,000	46.94
02/10/2026	FER	US trading venues	60,000	47.46
Total			**290,000**	**47.77**

Detailed information on the individual shares purchase transactions carried out in the above-mentioned period can be found at www.ferrovial.com/en/ir-shareholders/financial-information/inside-information-and-other-relevant-information/ferrovial-se-share-buy-back-program-transactions/.

Within the framework of the Program, since its beginning up to and including 2 October 2026, the Company has repurchased a total of 6,990,574 shares for a total amount of 396,641,697.40 euro.

Note: The Bloomberg closing EUR-USD exchange rate has been applied to determine the EUR countervalue of USD transactions.

About Ferrovial

Ferrovial is a leading global infrastructure company transforming highways, airports, and energy around the world. Its distinctive integrated business model supports the entire lifecycle of complex projects, from design and financing to construction, operation and maintenance. Ferrovial has a global presence and employs more than 22,500 people worldwide. North America is Ferrovial's growth engine, where it developed and is currently operating five Express Lanes across Texas, North Carolina and Virginia, and is managing the 407 ETR highway in Toronto, Canada. Ferrovial is also leading the development of the New Terminal One at JFK International Airport. Ferrovial shares trade under the ticker symbol FER on two stock markets: Nasdaq in the U.S. (included in Nasdaq100 Index) and the Spanish Stock Exchanges (included in IBEX35). Ferrovial is included in globally recognized sustainability indices such as the Dow Jones Best-in-Class Index.

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FERROVIAL N.V. ("FERROVIAL" OR THE "COMPANY") ANNOUNCES TRANSACTIONS UNDER THE SHARE REPURCHASE PROGRAM

Amsterdam, 13 October 2026

Ferrovial (Ticker: "FER") refers to the announcement dated 12 December 2025, regarding the implementation of a repurchase program for its own shares (the "**Program**"), and the announcement dated 14 September 2026 regarding the extension of the Program's duration.

The Company reports that, during the period from 5 to 9 October 2026, it has carried out the following transactions under the Program.

Date	Security	Trading venue	Number of shares purchased	Weighted Average Price (€)
05/10/2026	FER	US trading venues	60,000	46.18
06/10/2026	FER	US trading venues	65,000	45.68
07/10/2026	FER	US trading venues	65,000	45.28
08/10/2026	FER	US trading venues	65,000	44.66
09/10/2026	FER	US trading venues	65,000	44.66
Total			**320,000**	**45.28**

Detailed information on the individual shares purchase transactions carried out in the above-mentioned period can be found at www.ferrovial.com/en/ir-shareholders/financial-information/inside-information-and-other-relevant-information/ferrovial-se-share-buy-back-program-transactions/.

Within the framework of the Program, since its beginning up to and including 9 October 2026, the Company has repurchased a total of 7,310,574 shares for a total amount of 411,131,171.63 euro.

Note: The Bloomberg closing EUR-USD exchange rate has been applied to determine the EUR countervalue of USD transactions.

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FERROVIAL N.V. ("FERROVIAL" OR THE "COMPANY") ANNOUNCES TRANSACTIONS UNDER THE SHARE REPURCHASE PROGRAM

Amsterdam, 20 October 2026

Ferrovial (Ticker: "FER") refers to the announcement dated 12 December 2025, regarding the implementation of a repurchase program for its own shares (the "**Program**"), and the announcement dated 14 September 2026 regarding the extension of the Program's duration.

The Company reports that, during the period from 12 to 16 October 2026, it has carried out the following transactions under the Program.

Date	Security	Trading venue	Number of shares purchased	Weighted Average Price (€)
12/10/2026	FER	US trading venues	65,000	45.13
13/10/2026	FER	US trading venues	65,000	45.04
14/10/2026	FER	US trading venues	65,000	45.18
15/10/2026	FER	US trading venues	65,000	43.49
16/10/2026	FER	US trading venues	70,000	44.16
Total			**330,000**	**44.59**

Detailed information on the individual shares purchase transactions carried out in the above-mentioned period can be found at www.ferrovial.com/en/ir-shareholders/financial-information/inside-information-and-other-relevant-information/ferrovial-se-share-buy-back-program-transactions/.

Within the framework of the Program, since its beginning up to and including 16 October 2026, the Company has repurchased a total of 7,640,574 shares for a total amount of 425,847,290.91 euro.

Note: The Bloomberg closing EUR-USD exchange rate has been applied to determine the EUR countervalue of USD transactions.

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FERROVIAL N.V. ("FERROVIAL" OR THE "COMPANY") ANNOUNCES TRANSACTIONS UNDER THE SHARE REPURCHASE PROGRAM

Amsterdam, 27 October 2026

Ferrovial (Ticker: "FER") refers to the announcement dated 12 December 2025, regarding the implementation of a repurchase program for its own shares (the "**Program**"), and the announcement dated 14 September 2026 regarding the extension of the Program's duration.

The Company reports that, during the period from 19 to 23 October 2026, it has carried out the following transactions under the Program.

Date	Security	Trading venue	Number of shares purchased	Weighted Average Price (€)
19/10/2026	FER	US trading venues	70,000	43.76
20/10/2026	FER	US trading venues	70,000	43.88
21/10/2026	FER	US trading venues	70,000	44.64
22/10/2026	FER	US trading venues	65,000	44.01
23/10/2026	FER	US trading venues	65,000	44.25
Total			**340,000**	**44.11**

Detailed information on the individual shares purchase transactions carried out in the above-mentioned period can be found at www.ferrovial.com/en/ir-shareholders/financial-information/inside-information-and-other-relevant-information/ferrovial-se-share-buy-back-program-transactions/.

Within the framework of the Program, since its beginning up to and including 23 October 2026, the Company has repurchased a total of 7,980,574 shares for a total amount of 440,843,259.46 euro.

Note: The Bloomberg closing EUR-USD exchange rate has been applied to determine the EUR countervalue of USD transactions.

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