Filed Pursuant to Rule 433 Issuer Free Writing Prospectus dated August 13, 2025 Relating to Preliminary Prospectus Supplement dated August 13, 2025 and Prospectus dated February 28, 2025 Registration No. 333-285405



MAIN STREET CAPITAL CORPORATION \$350,000,000 5.400% Notes due 2028 PRICING TERM SHEET August 13, 2025

The following sets forth the final terms of the 5.400% Notes due 2028 and should only be read together with the preliminary prospectus supplement dated August 13, 2025, together with the accompanying prospectus dated February 28, 2025, relating to these securities (collectively, the "Preliminary Prospectus"), and supersedes the information in the Preliminary Prospectus to the extent inconsistent with the information in the Preliminary Prospectus. In all other respects, this pricing term sheet is qualified in its entirety by reference to the Preliminary Prospectus. Terms used herein but not defined herein shall have the respective meanings as set forth in the Preliminary Prospectus. All references to dollar amounts are references to U.S. dollars.

Main Street Capital Corporation Issuer

5.400% Senior Unsecured Notes due 2028 Security:

Expected Ratings*: BBB- Stable (S&P)

BBB- Stable (Fitch) \$350,000,000 Aggregate Principal Amount Offered:

August 15, 2028 Maturity: Trade Date: August 13, 2025 Settlement Date**: August 15, 2025 (T+2)

Price to Public (Issue Price): Coupon (Interest Rate):

Spread to Benchmark Treasury:

Benchmark Treasury Price and Yield:

Yield to Maturity:

Benchmark Treasury:

Interest Payment Dates:

Optional Redemption:

Use of Proceeds: Repay outstanding indebtedness, including amounts outstanding under the Company's multi-year revolving credit facility and/or under the Company's special purpose vehicle revolving credit facility.

99.989% of the principal amount

5.400% 5.404%

+ 175 basis points

3.625% due August 15, 2028

99-29 3/8 and 3.654%

February 15 and August 15 of each year, commencing February 15, 2026

Prior to July 15, 2028 (one month prior to the maturity date of the Notes) (the "Par Call Date"), the Company may redeem the Notes at its option, in whole or in part, at any time and from time to time, at a redemption price (expressed as a percentage of principal amount and rounded to three decimal places) equal

(1) (a) the sum of the present values of the remaining scheduled payments of principal and interest thereon discounted to the redemption date (assuming the Notes matured on the Par Call Date) on a semi-annual basis (assuming a 360-day year consisting of twelve 30-day months) at the Treasury Rate plus 30 basis points less (b) interest accrued to the date of redemption, and

(2) 100% of the principal amount of the Notes to be redeemed,

plus, in either case, accrued and unpaid interest thereon to the redemption date.

On or after the Par Call Date, the Company may redeem the Notes, in whole or in part, at any time and from time to time, at a redemption price equal to 100% of the principal amount of the Notes being redeemed plus accrued and unpaid interest thereon to the redemption date.

If a Change of Control Repurchase Event (as defined in "Description of the Notes" in the Preliminary

Prospectus) occurs prior to maturity, holders will have the right, at their option, to require the Company to

repurchase for cash some or all of the Notes at a repurchase price equal to 100% of the principal amount of the Notes being repurchased, plus accrued and unpaid interest to, but not including, the repurchase date.

\$2,000 and integral multiples of \$1,000 in excess thereof

56035L AK0

US56035LAK08 0.45%

Active Bookrunners: J.P. Morgan Securities LLC

Offer to Purchase upon a Change of Control Repurchase Event:

Denomination:

Co-Managers:

Underwriting Discount:

CUSIP:

ISIN:

RBC Capital Markets, LLC

SMBC Nikko Securities America, Inc.

Truist Securities, Inc. Huntington Securities, Inc.

Raymond James & Associates, Inc.

Academy Securities, Inc. Zions Direct, Inc. TCBI Securities, Inc.

Hancock Whitney Investment Services, Inc.

Comerica Securities, Inc. WauBank Securities LLC B. Riley Securities, Inc.

Investors are advised to carefully consider the investment objectives, risks, charges and expenses of Main Street Capital Corporation before investing. The Preliminary Prospectus, which has been filed with the Securities and Exchange Commission, contains this and other information about Main Street Capital Corporation and should be read carefully before investing.

The information in the Preliminary Prospectus and in this announcement is not complete and may be changed. The Preliminary Prospectus and this pricing term sheet are not offers to sell any securities of Main Street Capital Corporation and are not soliciting an offer to buy such securities in any state where such offer and sale is not permitted.

^{*} Note: A securities rating is not a recommendation to buy, sell or hold securities and may be subject to revision or withdrawal at any time.

^{**} Under Rule 15c6-1 of the Securities Exchange Act of 1934, trades in the secondary market generally are required to settle in one business day, unless the parties to such trade expressly agree otherwise at the time of the trade. Accordingly, purchasers who wish to trade the Notes prior to the date of delivery of the Notes will be required, by virtue of the fact that the Notes initially will settle in two business days (T+2), to specify alternative settlement arrangements to prevent a failed settlement.

The issuer has filed a registration statement, including a prospectus and a preliminary prospectus supplement with the Securities and Exchange Commission, for the offering to which this communication relates. Before you invest, you should read the Preliminary Prospectus and other documents the issuer has filed with the Securities and Exchange Commission for more complete information about the issuer and this offering. You may get these documents for free by visiting EDGAR on the Securities and Exchange Commission web site at www.sec.gov. Alternatively, the issuer, any underwriter or any dealer participating in the offering will arrange to send you the Preliminary Prospectus if you request them by contacting J.P. Morgan Securities LLC, 383 Madison Avenue, New York, New York 10179, Attn: Investment Grade Syndicate Desk, telephone: 212-834-4533; RBC Capital Markets LLC, Attention: Investment Grade Syndicate Desk, Brookfield Place, 200 Vesey St., 8th Floor, New York, NY 10281, telephone: 866-375-6829, or e-mail: rbcnyfixedincomeprospectus@rbccm.com; SMBC Nikko Securities America, Inc., 277 Park Avenue, New York, New York 10172, Attn: Debt Capital Markets, email:prospectus@smbcnikko-si.com; or Truist Securities, Inc., 740 Battery Avenue SE, 3rd Fl, Atlanta, Georgia, 30339, Attn: Prospectus Dept, telephone: 800-685-4786, or email: TruistSecurities.prospectus@Truist.com.