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): July 29, 2025

DYNEX CAPITAL, INC.

(Exact name of registrant as specified in its charter)

001-09819

(Commission File Number)

52-1549373 (IRS Employer Identification No.)

(State or other jurisdiction of incorporation)
4991 Lake Brook Drive, Suite 100
Glen Allen, Virginia
(Address of principal executive offices)

Virginia

23060-9245 (Zip Code)

(804) 217-5800

(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 sin	nultaneously satisfy the filing obli	igation of the registrant under any of the following provisions:
☐ Written communications pursuant to Rule 425 under the Securitie	es Act (17 CFR 230.425)	
☐ Soliciting material pursuant to Rule 14a-12 under the Exchange A	act (17 CFR 240.14a-12)	
☐ Pre-commencement communications pursuant to Rule 14d-2(b) u	nder the Exchange Act (17 CFR 2	40.14d-2(b))
☐ Pre-commencement communications pursuant to Rule 13e-4(c) un	nder the Exchange Act (17 CFR 2	40.13e-4(c))
Securities registered pursuant to Section 12(b) of the Act:	T. F. C. L. K.	N. C. I. I. I. I. I. I. I. I.
Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.01 per share	DX	New York Stock Exchange
5.900% Series C Fixed-to-Floating Rate Cumulative Redeemable Preferred Stock, par value \$0.01 per share	DXPRC	New York Stock Exchange
ndicate by check mark whether the registrant is an emerging growth con the Securities Exchange Act of 1934 (§240.12b-2 of this chapter). Emerg	1 3	the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of
f an amarging growth company indicate by check mark if the registran	t has elected not to use the extend	ded transition period for complying with any new or revised financial

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. o

Item 1.01 Entry into a Material Definitive Agreement.

On July 29, 2025, Dynex Capital, Inc. (the "Company"), entered into amendment no. 7 ("Amendment No. 7") to the distribution agreement, dated June 29, 2018, as amended on May 31, 2019, August 3, 2021, June 3, 2022, February 10, 2023, October 29, 2024, and May 1, 2025 (the "Agreement" and, as amended by Amendment No. 7, the "Amended Agreement"), by and among the Company, on the one hand, and BTIG, LLC, Citizens JMP Securities, LLC, Janney Montgomery Scott LLC, Jones Trading Institutional Services LLC, J.P. Morgan Securities LLC, Keefe, Bruyette & Woods, Inc., RBC Capital Markets, LLC, UBS Securities LLC, and Wells Fargo Securities, LLC (collectively the "Sales Agents" and each individually a "Sales Agent"), on the other hand, pursuant to which shares of the Company's common stock, par value \$0.01 per share ("Common Stock"), may be offered and sold through the Sales Agents in transactions that are deemed to be "at the market offerings" as defined in Rule 415(a)(4) under the Securities Act of 1933, as amended.

Amendment No. 7 increases the number of shares of Common Stock available for sale under the Agreement by 61,939,730 shares of Common Stock to 161,292,973 shares of Common Stock, 75,000,000 shares of which remain available for issuance (the "Shares").

The Shares will be issued pursuant to the Company's Registration Statement on Form S-3 (File No. 333-289004). The Company filed a prospectus supplement, dated July 29, 2025 to the prospectus, dated July 28, 2025, with the Securities and Exchange Commission in connection with the offer and sale of the Shares from time to time pursuant to the Amended Agreement.

The Sales Agents and their affiliates have provided, and may in the future provide, investment banking, brokerage, and other services to the Company in the ordinary course of business, and the Company paid, and expects to pay, customary fees and commissions for their services, respectively.

The foregoing summary does not purport to be a complete description of the Amended Agreement and is qualified in its entirety by reference to the full text of Amendment No. 7, which is attached as Exhibit 10.1 hereto and incorporated by reference herein.

In connection with the filing of Amendment No. 7, the Company is filing as Exhibit 5.1 hereto an opinion of its counsel, Mayer Brown LLP, with respect to the legality of the shares.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description of Exhibit
5.1	Opinion of Mayer Brown LLP with respect to the legality of common stock.
10.1	Amendment No. 7, dated July 29, 2025 to the Distribution Agreement, dated June 29, 2018, as amended on May 31, 2019, August 3, 2021, June 3, 2022, February 10, 2023, October 29, 2024, and May 1, 2025, by and among Dynex Capital, Inc., BTIG, LLC, Citizens JMP Securities, LLC, Janney Montgomery Scott LLC, Jones Trading Institutional Services LLC, J.P. Morgan Securities LLC, Keefe, Bruyette & Woods, Inc., RBC Capital Markets, LLC, UBS Securities LLC and Wells Fargo Securities, LLC.
23.1	Consent of Mayer Brown LLP (included in Exhibit 5.1).
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

SIGNATURE

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.

DYNEX CAPITAL, INC.

Date: July 29, 2025 By: /s/ Michael A. Angelo

Michael A. Angelo

Chief Legal Officer and Corporate Secretary

MAYER BROWN

Mayer Brown LLP 1221 Avenue of the Americas New York New York 10020-1001

> Main Tel (212) 506-2500 Main Fax (212) 262-1910

> > mayerbrown.com

July 29, 2025 Dynex Capital, Inc. 4991 Lake Brook Drive, Suite 100 Glen Allen, Virginia 23060

Re: Dynex Capital, Inc.—Registration Statement on Form S-3

Ladies and Gentlemen:

We have acted as counsel to Dynex Capital, Inc., a Virginia corporation (the "Company"), in connection with the issuance and sale by the Company from time to time of up to 75,000,000 shares of the Company's common stock, par value \$0.01 per share (the "Shares"), pursuant to a Registration Statement on Form S-3 (Registration Statement No. 333-289004) (the "Registration Statement"), filed with the Securities and Exchange Commission (the "Commission") under the Securities Act of 1933, as amended (the "Act"), the prospectus, dated July 28, 2025 (the "Base Prospectus") and the prospectus supplement, dated July 29, 2025 (the "Prospectus Supplement"), filed with the Commission pursuant to Rule 424(b) of the Rules and Regulations of the Act. The Base Prospectus and Prospectus Supplement are collectively referred to as the "Prospectus." The Shares are to be sold by the Company in the manner described in the Registration Statement and the Prospectus.

In connection with this opinion, we have examined originals or copies, certified or otherwise identified to our satisfaction, of: (i) the Amended and Restated Articles of Incorporation of the Company, as amended through the date hereof; (ii) the Amended and Restated Bylaws of the Company, as amended through the date hereof; (iii) certain resolutions of the board of directors of the Company, relating to the issuance and sale of the Shares; (iv) the Registration Statement; (v) the Prospectus; and (vi) an executed copy of the Distribution Agreement, dated as of June 29, 2018, as amended on May 31, 2019, August 3, 2021, June 3, 2022, February 10, 2023, October 29, 2024, May 1, 2025, and July 29, 2025, by and among the

Mayer Brown is a global services provider comprising an association of legal practices that are separate entities including

Mayer Brown LLP (Illinois, USA), Mayer Brown International LLP (England & Wales), Mayer Brown Hong Kong LLP (a Hong Kong limited liability partnership which operates in temporary association
with Hong Kong partnership Johnson Stokes & Master)
and Tauli & Chequer Advogados (a Brazilian law partnership).

Company and BTIG, LLC, Citizens JMP Securities, LLC, Janney Montgomery Scott LLC, JonesTrading Institutional Services LLC, J.P. Morgan Securities LLC, Keefe, Bruyette & Woods, Inc., RBC Capital Markets, LLC, UBS Securities LLC and Wells Fargo Securities, LLC. In addition, we have examined originals or copies, certified or otherwise identified to our satisfaction, of certain other corporate records, documents, instruments and certificates of public officials and of the Company, and we have made such inquiries of officers of the Company and public officials and considered such questions of law as we have deemed necessary for purposes of rendering the opinions set forth herein.

In connection with this opinion, we have assumed the genuineness of all signatures and the authenticity of all items submitted to us as originals and the conformity with originals of all items submitted to us as copies. In making our examination of documents executed by parties other than the Company, we have assumed that each other party has the power and authority to execute and deliver, and to perform and observe the provisions of, such documents and has duly authorized, executed and delivered such documents, and that such documents constitute the legal, valid and binding obligations of each such party. We also have assumed the integrity and completeness of the minute books of the Company presented to us for examination. With respect to certain factual matters, we have relied upon certificates of officers of the Company.

Based upon, subject to and limited by the foregoing, we are of the opinion that the Shares have been duly and validly authorized and, when and if issued and delivered against payment therefor in the manner contemplated by the Registration Statement and the Prospectus, will be validly issued, fully paid and nonassessable.

We do not express any opinion herein concerning any law other than the laws of the Commonwealth of Virginia and the federal laws of the United States of America, as in effect on the date hereof.

We hereby consent to the filing of this opinion letter as Exhibit 5.1 to the Company's Current Report on Form 8-K to be filed with the Commission on or about July 29, 2025, which will be incorporated by reference in the Registration Statement, and to the reference to us in the Prospectus. In giving such consent, we do not hereby admit that we are acting within the category of persons whose consent is required under Section 7 of the Act or the rules or regulations of the Commission thereunder.

Very truly yours,

/s/ Mayer Brown LLP

MAYER BROWN LLP

DYNEX CAPITAL, INC.

AMENDMENT NO. 7 TO DISTRIBUTION AGREEMENT

July 29, 2025

BTIG, LLC 65 East 55th Street New York, NY 10022

Citizens JMP Securities, LLC 600 Montgomery Street Suite 1100 San Francisco, CA 94111

Janney Montgomery Scott LLC 1717 Arch Street Philadelphia, PA 19103

Keefe, Bruyette & Woods, Inc. 787 Seventh Avenue, 4th Floor New York, NY 10019

JonesTrading Institutional Services LLC 325 Hudson St., 6th Floor New York, NY 10013 J.P. Morgan Securities LLC 383 Madison Avenue New York, NY 10179

RBC Capital Markets, LLC 200 Vesey Street Three World Financial Center, 8th Floor New York, NY 10281

UBS Securities LLC 11 Madison Avenue New York, NY 10010

Wells Fargo Securities, LLC 500 West 33rd Street, 14th Floor New York, NY 10001

Ladies and Gentlemen:

Reference is made to the Distribution Agreement, dated June 29, 2018, as amended on May 31, 2019, August 3, 2021, June 3, 2022, February 10, 2023, October 29, 2024 and May 1, 2025 (the "Distribution Agreement"), by and among Dynex Capital, Inc., a Virginia corporation (the "Company"), J.P. Morgan Securities LLC, Citizens JMP Securities, LLC, JonesTrading Institutional Services LLC, BTIG, LLC, Janney Montgomery Scott LLC, Keefe, Bruyette & Woods, Inc., RBC Capital Markets, LLC, UBS Securities LLC and Wells Fargo Securities, LLC (collectively, the "Agents"), pursuant to which the Company agreed, in its sole discretion, to issue and sell, from time to time, through the Agents, as agent and/or principal, up to an aggregate of 99,353,243 shares of common stock, par value \$0.01 per share, of the Company. All capitalized terms used in this Amendment No. 7 to Distribution Agreement (this "Amendment") and not otherwise defined herein shall have the respective meanings assigned to such terms in the Distribution Agreement. The Company and the Agents hereby agree to amend the Distribution Agreement as set forth in this Amendment as follows:

- A. Amendments to Distribution Agreement. The Distribution Agreement is amended as follows:
 - The definition of the term "Registration Statement" shall be deemed to mean the registration statement on Form S-3 (File No. 333-289004).
 - 2. The definition of the term "Base Prospectus" shall be deemed to mean the prospectus dated July 28, 2025, filed as part of the Registration Statement, including the documents incorporated by reference therein.
 - 3. The definition of "Maximum Number" in the first sentence of the Distribution Agreement is hereby amended to read as follows: "161,292,973 shares".
 - 4. "(ww) Well-Known Seasoned Issuer. (A) At the time of filing the Registration Statement, (B) at the time of the most recent amendment thereto for purposes of complying with Section 10(a)(3) of the Act (whether such amendment was by post-effective amendment or incorporated report filed pursuant to Section 13 or 15(d) of the Exchange Act or in the form of a prospectus), and (C) at the time the Company or any person acting on its behalf (within the meaning, for this clause only, of Rule 163(c) under the Act) made any offer relating to the Shares in reliance on the exemption of Rule 163 under the Act, the Company was and is a "well-known seasoned issuer" (as defined in Rule 405)."
- B. <u>Supplement</u>. The Company shall file a supplement to the Prospectus Supplement pursuant to Rule 424(b) of the Act reflecting the terms of this Amendment within two business days of the date hereof.
- C. No Other Amendments; References to Distribution Agreement. Except as set forth in Part A above, all the terms and provisions of the Distribution Agreement shall continue in full force and effect. All references to the Distribution Agreement in the Distribution Agreement or in any other document executed or delivered in connection therewith shall, from the date hereof, be deemed a reference to the Distribution Agreement as amended by this Amendment.
- E. <u>Counterparts</u>. This Amendment may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Delivery of an executed counterpart by one party to the other may be made by facsimile or by electronic delivery of a portable document format (PDF) file (including any electronic signature covered by the U.S. federal ESIGN Act of 2000, Uniform Electronic Transactions Act, the Electronic Signatures and Records Act or other applicable law, e.g., www.docusign.com).
- F. Governing Law. This Amendment shall be governed by, and construed in accordance with, the internal laws of the State of New York without regard to the principles of conflicts of laws.

[Remainder of page intentionally left blank.]

If the foregoing correctly sets forth the understanding among the Company and each of the Agents, please so indicate in the space provided below for that purpose, whereupon this Amendment No. 7 to Distribution Agreement and your acceptance shall constitute a binding agreement among the Company and each of the Agents.

Very truly yours,

DYNEX CAPITAL, INC.

By: /s/ Robert S. Colligan
Name: Robert S. Colligan

Title: Chief Financial Officer and Chief Operating Officer

BTIG, LLC

By: /s/ Tosh Chandra

Name: Tosh Chandra Title: Managing Director

CITIZENS JMP SECURITIES, LLC

By: /s/ Mark Timperman

Name: Mark Timperman Title: Managing Director

JANNEY MONTGOMERY SCOTT LLC

By: /s/ David Lau

Name: David Lau

Title: Managing Director - Head of Equities

JONESTRADING INSTITUTIONAL SERVICES LLC

By: /s/ Burke Cooke

Name: Burke Cooke

Title: General Counsel & Secretary

KEEFE, BRUYETTE & WOODS, INC.

By: /s/ Edward B. Conway

Name: Edward B. Conway Title: Managing Director

J.P. MORGAN SECURITIES LLC

By: <u>/s/ Sanjeet Dewal</u> Name: Sanjeet Dewal Title: Managing Director

RBC CAPITAL MARKETS, LLC

By: /s/ Saurabh Monga

Name: Saurabh Monga Title: Managing Director

UBS SECURITIES LLC

By: /s/ Jesse O'Neill

Name: Jesse O'Neill Title: Executive Director

UBS SECURITIES LLC

By: /s/ Charles Heaney

Name: Charles Heaney

Title: Director

WELLS FARGO SECURITIES, LLC

By: /s/ Jamie Cohen

Name: Jamie Cohen Title: Managing Director