

Up to \$100,000,000 Common Stock

Supplement No. 6, dated February 2, 2021 to Prospectus, dated August 15, 2019 and Prospectus Supplement, dated August 20, 2019

This supplement amends, supplements or modifies certain information contained in the prospectus supplement, dated August 20, 2019 (the "ATM Prospectus Supplement") and the accompanying prospectus, dated August 15, 2019 (the "Base Prospectus," and together with the ATM Prospectus Supplement, and the documents deemed incorporated by reference in each, the "Prospectus"), which relate to the sale of shares of common stock of Capital Southwest Corporation in an "at-the-market" offering (the "ATM Program") pursuant to those certain (i) second amended and restated equity distribution agreements, each dated February 4, 2020 and as amended from time to time, with each of Jefferies LLC ("Jefferies") and Raymond James & Associates, Inc. ("Raymond James") and (ii) equity distribution agreements, each dated February 4, 2020 and as amended from time to time, with each of JMP Securities LLC ("JMP") and B. Riley Securities, Inc. ("B. Riley" and, together with Jefferies, Raymond James and JMP, the "Sales Agents"). The terms the "Company," "CSWC," "we," "us," and "our" refer to Capital Southwest Corporation and its subsidiaries, unless indicated otherwise. Capitalized terms used but not defined herein shall have the same meaning given them in the ATM Prospectus Supplement.

You should carefully read the entire Prospectus and this supplement before investing in our common stock. This supplement should be read in conjunction with the Prospectus. You should also carefully consider the information set forth under the section entitled "Risk Factors" on page S-9 of the ATM Prospectus Supplement, page 12 of the Base Prospectus and in our Annual Report on Form 10-K for the fiscal year ended March 31, 2020, which is incorporated by reference into the Prospectus, as well as in our subsequent filings with the Securities and Exchange Commission that are incorporated into the Prospectus, before investing in our common stock.

STATUS OF THE "AT-THE-MARKET" OFFERING

From March 4, 2019 to December 31, 2020, we sold 3,168,153 shares of our common stock under the ATM Program for gross proceeds of approximately \$59.7 million and net proceeds of approximately \$57.8 million, after deducting commissions to the Sales Agents on shares sold and offering expenses. As a result, as of the date hereof, up to approximately \$40.3 million in aggregate amount of our common stock remains available for sale under the ATM Program.

FEES AND EXPENSES

The following table is intended to assist you in understanding the costs and expenses you will bear directly or indirectly. We caution you that some of the percentages indicated in the table below are estimates and may vary. Except where the context suggests otherwise, whenever there is a reference to fees or expenses paid by "you," "us" or "CSWC," or that "we" will pay fees or expenses, you will indirectly bear such fees or expenses as investors in us.

| Shareholder Transaction Expenses: | |
|---|------------|
| Sales load (as a percentage of offering price) | 2.00 % (1) |
| Offering expenses (as a percentage of offering price) | 1.00 % (2) |
| Dividend reinvestment plan expenses | — % (3) |
| Total shareholder transaction expenses (as a percentage of offering price) | 3.00 % |
| Annual Expenses (as a percentage of net assets attributable to common stock for the quarter ended December 31, 2020): | |
| Operating expenses | 5.81 % (4) |
| Interest payments on borrowed funds | 5.57 % (5) |
| Income tax (benefit) expense | 1.86 % (6) |
| Acquired fund fees and expenses | 2.41 % (7) |
| Total annual expenses | 15.65 % |

- (1) Represents the Sales Agents' commission with respect to the shares of common stock being sold in this offering. There is no guarantee that there will be any additional sales of our common stock pursuant to the Prospectus.
- (2) The offering expenses of this offering are estimated to be approximately \$1,000,000, of which we have incurred \$700,000 as of January 29, 2021.
- (3) The expenses of administering our dividend reinvestment plan ("DRIP") are included in operating expenses. The DRIP does not allow shareholders to sell shares through the DRIP. If a shareholder wishes to sell shares they would be required to select a broker of their choice and pay any fees or other costs associated with the sale.
- (4) Operating expenses in this table represent the estimated annual operating expenses of CSWC and its consolidated subsidiaries based on annualized operating expenses for the quarter ended December 31, 2020. We do not have an investment adviser and are internally managed by our executive officers under the supervision of our board of directors. As a result, we do not pay investment advisory fees, but instead we pay the operating costs associated with employing investment management professionals including, without limitation, compensation expenses related to salaries, discretionary bonuses and restricted stock grants.
- (5) Interest payments on borrowed funds represents our estimated annual interest payments based on actual interest rate terms under our Credit Facility, our anticipated drawdowns from our Credit Facility, the 5.375% Notes due 2024 (the "2024 Notes") and the 4.50% Notes due 2026 (the "2026 Notes"). As of December 31, 2020, we had \$150,000,000 outstanding under our Credit Facility, \$37,136,175 in aggregate principal of our 5.95% Notes due 2022 (the "2022 Notes") outstanding, \$125,000,000 in aggregate principal of our 2024 Notes outstanding and \$75,000,000 in aggregate principal of our 2026 Notes outstanding. On January 21, 2021, we redeemed the remaining \$37,136,175 in aggregate principal of the issued and outstanding 2022 Notes. Any future issuances of debt securities will be made at the discretion of management and our board of directors after evaluating the investment opportunities and economic situation of the Company and the market as a whole.
- (6) Income tax (benefit) expense relates to the accrual of (a) deferred and current tax provision (benefit) for U.S. federal income taxes and (b) excise, state and other taxes. Deferred taxes are non-cash in nature and may vary significantly from period to period. We are required to include deferred taxes in calculating our annual expenses even though deferred taxes are not currently payable or receivable. Income tax expense represents the estimated annual income tax expense of CSWC and its consolidated subsidiaries based on annualized income tax expense for the quarter ended December 31, 2020. Effective December 31, 2020, Capital Southwest Management Corporation, a wholly owned subsidiary of and management company for CSWC ("CSMC"), merged with and into CSWC, with CSWC continuing as the surviving entity of the merger. As a result of the foregoing, the calendar year ended December 31, 2020 is the last year in which CSWC will incur tax expense or benefit relating to CSMC. As such, the deferred tax asset of \$1.4 million was written off and we recognized a U.S. federal income tax expense relating thereto.
- (7) Acquired fund fees and expenses represent the estimated indirect expense incurred due to our investment in the I-45 Senior Loan Fund based upon the actual amount incurred for the fiscal year ended March 31, 2020.

Example

The following example demonstrates the projected dollar amount of total cumulative expenses that would be incurred over various periods with respect to a hypothetical investment in our common stock. In calculating the following expense amounts, we have assumed we would have no additional leverage and that our annual operating expenses would remain at the levels set forth in the table above.

| | 1 | Year | 3 | Years | 5 Years | 10 Years |
|---|----|------|----|-------|-----------|-----------|
| You would pay the following expenses on a \$1,000 investment, assuming 5.0% annual return | \$ | 157 | \$ | 422 | \$ 634 | \$ 995 |

The example and the expenses in the table above should not be considered a representation of our future expenses, and actual expenses may be greater or less than those shown. While the example assumes, as required by the SEC, a 5.0%

annual return, our performance will vary and may result in a return greater or less than 5.0%. In addition, while the example assumes reinvestment of all dividends at NAV, participants in our DRIP will receive a number of shares of our common stock, determined by dividing the total dollar amount of the dividend payable to a participant by the average purchase price of all shares of common stock purchased by the administrator of the DRIP in the event that shares are purchased in the open market to satisfy the share requirements of the DRIP, which may be at, above or below NAV. See "Dividend Reinvestment Plan" in the Base Prospectus for additional information regarding our DRIP.

CAPITALIZATION

The equity distribution agreements provide that we may offer and sell shares of our common stock having an aggregate offering price of up to \$100,000,000 from time to time through the Sales Agents. The table below assumes that we will sell all of the remaining \$40.3 million in aggregate amount of our common stock available under the ATM Program at a price of \$15.74 per share (the net asset value of our common stock at December 31, 2020), but there is no guarantee that there will be any additional sales of our common stock pursuant to the Prospectus. Actual sales, if any, of our common stock under the Prospectus may be less than as set forth in the table below. In addition, the price per share of any such sale may be greater or less than \$15.74, depending on the net asset value and market price of our common stock at the time of any such sale. The following table sets forth our capitalization as of December 31, 2020:

- · on an actual basis; and
- on an as adjusted basis giving effect to the assumed sale of the remaining aggregate amount of \$40.3 million of our common stock at a price of \$15.74 per share (the net asset value of our common stock at December 31, 2020) less commissions and offering expenses and giving effect to the use of such proceeds as described in the ATM Prospectus Supplement. See "Use of Proceeds."

This table should be read together with "Use of Proceeds" and "Plan of Distribution" included in the ATM Prospectus Supplement and "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our most recent consolidated financial statements and notes thereto included or incorporated by reference in the Prospectus.

| | As of December 31, 2020 | | | | |
|---|-------------------------|--|----------|--|--|
| | | Actual As Adjusted for this O | | | |
| | | (in thousands, except share and per share numbers) | | | |
| Cash and cash equivalents | \$ | 43,724 \$ | 43,724 | | |
| Borrowings: | | | | | |
| Credit Facility ⁽¹⁾ | | 150,000 | 110,815 | | |
| 2022 Notes (net of deferred issuance costs) ⁽²⁾ | | 36,689 | 36,689 | | |
| 2024 Notes (net of deferred issuance costs) | | 122,775 | 122,775 | | |
| 2026 Notes (net of deferred issuance costs) | \$ | 73,410 \$ | 73,410 | | |
| Total borrowings | \$ | 382,874 \$ | 343,689 | | |
| Net Assets: | | | | | |
| Common stock, par value \$0.25 per share; 40,000,000 common shares authorized; 22,207,360 and 24,767,108 (as adjusted) shares issued; and 19,867,848 and 22,427,596 (as adjusted) | | 5.550 ¢ | C 100 | | |
| shares outstanding, respectively | \$ | 5,552 \$ | 6,192 | | |
| Additional paid-in capital | | 337,822 | 376,367 | | |
| Total distributable earnings (loss) | | (6,787) | (6,787) | | |
| Treasury stock - at cost, 2,339,512 shares | | (23,937) | (23,937) | | |
| Total net assets | \$ | 312,650 \$ | 351,835 | | |
| Total liabilities and net assets | \$ | 708,834 \$ | 708,834 | | |

The above table reflects the carrying value of indebtedness outstanding under the Credit Facility as of December 31, 2020. As of January 29, 2021, outstanding indebtedness under our Credit Facility was \$173.0 million. The net proceeds from the sale of the common stock in this offering are expected to be used to pay down outstanding indebtedness under our Credit Facility. On an as-adjusted-for-this-offering basis and reflecting the use of proceeds from this offering, the line item "Credit Facility" would be \$133.8 million as of January 29, 2021. See "Use of Proceeds" in the ATM Prospectus Supplement for more information.

| (2) | The above table reflects the aggregate principal amount outstanding of the 2022 Notes as of December 31, 2020, net of deferred issuance costs. Subsequent to the quarter ended December 31, 2020, we redeemed the remaining \$37.1 million in aggregate principal amount of the issued and outstanding 2022 Notes on January 21 |
|-----|---|
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PRICE RANGE OF COMMON STOCK AND HOLDERS

Market Information

Our common stock is traded on the Nasdaq Global Select Market under the symbol "CSWC."

The following table sets forth, for each fiscal quarter within the two most recently completed fiscal years and subsequent interim periods, the range of high and low selling prices of our common stock as reported on the Nasdaq Global Select Market, as applicable, and the sales price as a percentage of the NAV per share of our common stock.

| | Price Range | | | | | | | | | |
|---|------------------|-------|-----|---|--|-------|---------|----------|--|--|
| Very and Para Manack 24, 2024 | NAV (1) High Low | | Low | Premium (Discount) of High Sales Price to NAV (2) | Premium (Discount) of Low Sales Price to NAV (2) | | | | | |
| Year ending March 31, 2021 | | | _ | | _ | | | | | |
| Fourth Quarter (through January 29, 2021) | | * | \$ | 18.71 | \$ | 17.55 | * | * | | |
| Third Quarter | \$ | 15.74 | \$ | 17.98 | \$ | 12.63 | 14.23 % | (19.76)% | | |
| Second Quarter | | 15.36 | | 15.20 | | 12.32 | (1.04) | (19.79) | | |
| First Quarter | | 14.95 | | 16.02 | | 8.76 | 7.16 | (41.40) | | |
| Year ending March 31, 2020 | | | | | | | | | | |
| Fourth Quarter | \$ | 15.13 | \$ | 21.71 | \$ | 7.39 | 43.49 % | (51.16)% | | |
| Third Quarter | | 16.74 | | 22.56 | | 20.60 | 34.77 | 23.06 | | |
| Second Quarter | | 18.30 | | 22.90 | | 20.57 | 25.14 | 12.40 | | |
| First Quarter | | 18.58 | | 22.49 | | 20.86 | 21.04 | 12.27 | | |
| Year ending March 31, 2019 | | | | | | | | | | |
| Fourth Quarter | \$ | 18.62 | \$ | 22.60 | \$ | 19.06 | 21.37 % | 2.36 % | | |
| Third Quarter | | 18.43 | | 24.18 | | 17.22 | 31.20 | (6.57) | | |
| Second Quarter | | 18.84 | | 19.80 | | 18.00 | 5.10 | (4.46) | | |
| First Quarter | | 18.87 | | 19.38 | | 16.53 | 2.70 | (12.40) | | |

⁽¹⁾ NAV per share, is determined as of the last day in the relevant quarter and therefore may not reflect the NAV per share on the date of the high and low sales prices. The NAVs shown are based on outstanding shares at the end of each period.

Our common stock is traded on The Nasdaq Global Select Market under the symbol "CSWC." On January 29, 2021, there were approximately 307 holders of record of our common stock, which did not include shareholders for whom shares are held in "nominee" or "street name." On January 29, 2021, the closing price of our common stock on the Nasdaq Global Select Market was \$18.20 per share.

Shares of BDCs may trade at a market price that is less than the value of the net assets attributable to those shares. The possibility that our shares of common stock will trade at a discount from net asset value per share or at premiums that are unsustainable over the long term are separate and distinct from the risk that our net asset value per share will decrease. It is not possible to predict whether our common stock will trade at, above, or below net asset value per share.

DISTRIBUTIONS

We intend to make distributions on a quarterly basis to our shareholders of substantially all of our taxable income. In lieu of cash, we may make deemed distributions of certain net capital gains to our shareholders.

The amounts and timing of cash dividend payments have generally been dictated by requirements of the Code regarding the distribution of taxable net investment income (ordinary income) of regulated investment companies.

On March 1, 2016, we established a share repurchase plan (the "Share Repurchase Plan") in compliance with the requirements of Rules 10b5-1(c)(1)(i)(B) and 10b-18 under the Exchange Act. The Share Repurchase Plan was established pursuant to a \$10 million share repurchase program that the board approved in January 2016. The Share Repurchase Plan became effective

⁽²⁾ Calculated as the respective high or low share price divided by NAV and subtracting 1.

immediately and terminated on March 26, 2020 upon the Company's purchase of the aggregate gross dollar amount (inclusive of commission fees) of its common stock under the Share Repurchase Plan meeting the threshold set forth in the share repurchase agreement.

Distribution Policy

We generally intend to make distributions on a quarterly basis to our shareholders of substantially all of our taxable income. In order to avoid certain excise taxes imposed on RICs, we must distribute during each calendar year an amount at least equal to the sum of (1) 98.0% of our ordinary income for the calendar year, (2) 98.2% of our capital gains in excess of capital losses for the one year period ended each October 31, and (3) any ordinary income and net capital gains for the preceding year that were not distributed during that year. We will not be subject to excise taxes on amounts on which we are required to pay corporate income tax (such as retained net capital gains). In order to obtain the tax benefits applicable to RICs, we will be required to distribute to our shareholders with respect to each taxable year at least 90.0% of our ordinary income and realized net short-term capital gains in excess of realized net long-term capital losses. We may retain for investment realized net long-term capital gains in excess of realized net short-term capital losses. We may make deemed distributions to our shareholders of any retained net capital gains. If this happens, our shareholders will be treated as if they received an actual distribution of the capital gains we retain and then reinvested the net after-tax proceeds in our common stock. Our shareholders also may be eligible to claim a tax credit (or, in certain circumstances, a tax refund) equal to their allocable share of the tax we paid on the capital gains deemed distributed to them. We may, in the future, make actual distributions to our shareholders of some or all realized net long-term capital gains in excess of realized net short-term capital losses. We can offer no assurance that we will achieve results that will permit the payment of any cash distributions and, if we issue senior securities, we will be prohibited from making distributions if doing so causes us to fail to maintain the asset coverage ratios stipulated by the 1940 Act or if distributio

We have adopted a DRIP which provides for reinvestment of our distributions on behalf of our common shareholders if opted into by a common shareholder.

Shareholders who receive dividends in the form of stock generally are subject to the same U.S. federal, state and local tax consequences as are shareholders who elect to receive their dividends in cash. A shareholder's basis for determining gain or loss upon the sale of stock received in a dividend from us will be equal to the total dollar amount of the dividend payable to the shareholder. Any stock received in a dividend will have a holding period for tax purposes commencing on the day following the day on which the shares are credited to the U.S. shareholder's account.

Our ability to make distributions will be limited by the asset coverage requirements under the 1940 Act.