PennyMac Mortgage Investment Trust
Declares Third Quarter 2026 Dividend for Its Common Shares

WESTLAKE VILLAGE, Calif., September 2, 2026 – PennyMac Mortgage Investment Trust (NYSE: PMT) announced today that its Board of Trustees declared a cash dividend of $0.40 per common share of beneficial interest for the third quarter of 2026. This dividend will be paid on October 23, 2026, to common shareholders of record as of October 8, 2026.

About PennyMac Mortgage Investment Trust

PennyMac Mortgage Investment Trust is a mortgage real estate investment trust (REIT) that invests primarily in residential mortgage loans and mortgage-related assets. PMT is externally managed by PNMAC Capital Management, LLC, a wholly-owned subsidiary of PennyMac Financial Services, Inc. (NYSE: PFSI). Additional information about PennyMac Mortgage Investment Trust is available at pmt.pennymac.com.

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Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, regarding management's beliefs, estimates, projections and assumptions with respect to, among other things, PennyMac Mortgage Investment Trust's (the "Company") financial results, future operations, business plans and investment strategies, as well as industry and market conditions, all of which are subject to change. Words like "believe," "expect," "anticipate," "promise," "plan," and other expressions or words of similar meanings, as well as future or conditional verbs such as "will," "would," "should," "could," or "may" are generally intended to identify forward-looking statements. Actual results and operations for any future period may vary materially from those projected herein and from past results discussed herein. Factors which could cause actual results to differ materially from historical results or those anticipated include, but are not limited to: interest rate changes; changes in macroeconomic, consumer and real estate market conditions; changes in housing prices, housing sales and real estate values; rising homeownership costs negatively impacting housing affordability; compliance with changing federal, state and local laws and

regulations that govern the Company's business; the general economy or the real estate finance and real estate markets; events or circumstances which undermine confidence in the financial and housing markets or otherwise have a broad impact on financial and housing markets; the degree and nature of the Company's competition; the availability of, and level of competition for, attractive risk adjusted investment opportunities in mortgage loans and mortgage related assets that satisfy the Company's investment objectives; the concentration of credit risks to which the Company is exposed; the Company's dependence on and potential conflicts with its manager, servicer and their affiliates; the Company's ability to mitigate cybersecurity risks, cyber incidents and technology disruptions; the development of artificial intelligence; the availability, terms and deployment of short term and long term capital; the adequacy of the Company's cash reserves and working capital; the Company's ability to maintain the desired relationship between its financing and the interest rates and maturities of its assets; the timing and amount of cash flows, if any, from the Company's investments; the Company's engagement in private loan securitizations; the Company's substantial amount of indebtedness; the performance, financial condition and liquidity of borrowers; the Company's exposure to risks of loss and disruptions in operations from severe weather events, man-made or other natural conditions, including climate change and pandemics; the ability of the Company's servicer, which also provides the Company with fulfillment services, to approve and monitor correspondent sellers and underwrite loans to investor standards; incomplete or inaccurate information or documentation provided by customers or counterparties, or adverse changes in the financial condition of the Company's customers and counterparties; the Company's indemnification and repurchase obligations in connection with mortgage loans it purchases and later sells or securitizes; the quality and enforceability of the collateral documentation evidencing the Company's ownership and rights in the assets in which it invests; increased rates of delinquency, defaults and forbearances and/or decreased recovery rates on the Company's investments; the performance of mortgage loans underlying mortgage backed securities or other investments in which the Company retains credit risk; the Company's ability to foreclose on its investments in a timely manner or at all; increased prepayments of the mortgages and other loans underlying the Company's mortgage backed securities or relating to the Company's mortgage servicing rights and other investments; risks associated with the discontinuation of LIBOR; the degree to which the Company's hedging strategies may or may not protect it from interest rate volatility; the accuracy or changes in the estimates the Company makes about uncertainties, contingencies and asset and liability valuations; the Company's ability to maintain appropriate internal control over financial reporting; the Company's ability to detect misconduct and fraud; developments in the secondary markets for the Company's mortgage loan products; legislative and regulatory changes that impact the mortgage loan industry or housing market; regulatory or other changes that impact government agencies or government sponsored entities, or such changes that increase the cost of doing business with such agencies or entities; federal and state mortgage regulations and enforcement; changes in government support of homeownership and affordability programs; changes in the Company's investment objectives or investment or operational strategies; limitations imposed on the Company's business and its ability to satisfy complex rules for it to qualify as a REIT for U.S. federal income tax purposes and qualify for an exclusion from the Investment Company Act of 1940 and the ability of certain of the Company's subsidiaries to qualify as REITs or as taxable REIT subsidiaries for U.S. federal income tax purposes; changes in governmental regulations, accounting treatment, tax rates and similar matters; the Company's ability to make distributions to its shareholders in the future; the Company's failure to deal appropriately with issues that may give rise to reputational risk; and the Company's organizational structure and certain requirements in its charter documents. You should not place undue reliance on any forward-looking statement and should consider all of the uncertainties and risks described above, as well as those more fully discussed in reports and other documents filed by the Company with the Securities and Exchange Commission from time to time. The Company undertakes no obligation to publicly update or revise any forward-looking statements or any other

information contained herein, and the statements made in this press release are current as of the date of this release only.