### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## **SCHEDULE 14A**

(Rule 14a-101)

### INFORMATION REQUIRED IN PROXY STATEMENT SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

Filed by the registrant x

Filed by a party other than the registrant  $\Box$ 

Check the appropriate box:

- Preliminary Proxy Statement
- □ Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- □ Definitive Proxy Statement
- x Definitive Additional Materials
- □ Soliciting Material Pursuant to §240.14a-12

### AG Mortgage Investment Trust, Inc.

(Name of registrant as specified in its charter)

(Name of person(s) filing proxy statement, if other than the registrant)

Payment of filing fee (Check the appropriate box):

- x No fee required
- □ Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11
- (1) Title of each class of securities to which transaction applies:
- (2) Aggregate number of securities to which transaction applies:
- (3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):
- (4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

- □ Fee paid previously with preliminary materials.
- Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by Registration Statement number, or the Form or Schedule and the date of its filing.
- (1) Amount previously paid:
- (2) Form, Schedule, or Registration Statement No.:(3) Filing party:

(4) Date filed:

AG MORTGADE INVESTMENT TRUST, INC. 245 IM/IX: AVE., 26TH PL. NEW YORK, NY 10157

# Your Vote Counts!

AG MORTGAGE INVESTMENT TRUST, INC.

2021 Annual Meeting Vote by May 25, 2021 11:59 PM ET



D41819-P51260

#### You invested in AG MORTGAGE INVESTMENT TRUST, INC. and it's time to vote! You have the right to vote on proposals being presented at the Annual Meeting. This is an important notice regarding the availability of proxy material for the stockholder meeting to be held on May 26, 2021.

### Get informed before you vote

View the Notice and Proxy Statement and Annual Report online OR you can receive a free paper or email copy of the material(s) by requesting prior to May 12, 2021. If you would like to request a copy of the material(s) for this and/or future stockholder meetings, you may (1) visit www.ProxyVote.com, (2) call 1-800-579-1639 or (3) send an email to sendmaterial@proxyvote.com. If sending an email, please include your control number (indicated below) in the subject line. Unless requested, you will not otherwise receive a paper or email copy.

For complete information a Control #	and to vote, visit <b>www.ProxyVote.com</b>
Smartphone users Point your camera here and vote without entering a control number	Vote Virtually at the Meeting* May 26, 2021 10:00 AM Eastern Time Virtually at: www.virtualshareholdermeeting.com/MITT2021

\*Please check the meeting materials for any special requirements for meeting attendance.

# THIS IS NOT A VOTABLE BALLOT

This is an overview of the proposals being presented at the upcoming stockholder meeting. Please follow the instructions on the reverse side to vote these important matters.

Voting Items			Board Recommends
1.	Election of Directors Nominees: 01) T.J. Durkin 02) Debra Hess 03) Joseph LaManna	04) Peter Linneman 05) David N. Roberts 06) Dianne Hurley	🛇 For
2.	. Ratification of the appointment of PricewaterhouseCoopers LLP as our independent registered public accounting firm for the year ending December 31, 2021		Sec. 10
з.	Approval, on an advisory basis, of our executive compensation		• For
4.	Approval of the 2021 Manager Equity Incentive Plan		O For

Prefer to receive an email instead? While voting on www.ProxyVote.com, be sure to click "Sign up for E-delivery".

D41820-P51260