

☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

☐ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>Mooney Kyle Owen</u> (Last) (First) (Middle) <u>1201 NETWORK CENTRE DR.</u> (Street) <u>EFFINGHAM IL 62401</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Midland States Bancorp, Inc. [MSBI]</u> Foreign Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>SVP - Chief Operating Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>09/08/2026</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
<u>Common Stock</u>	<u>09/08/2026</u>		<u>M</u>		<u>2,400</u>	<u>A</u>	<u>\$28.43</u>	<u>16,010</u>	<u>D</u>	
<u>Common Stock</u>	<u>09/08/2026</u>		<u>S</u>		<u>2,400</u>	<u>D</u>	<u>\$33.33</u>	<u>13,610</u>	<u>D</u>	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
Option (right to buy)	\$28.43	09/08/2026		M			2,400	10/31/2023	10/31/2032	Common Stock	2,400	\$0	3,278	D	

Explanation of Responses:

Remarks:

/s/Kyle O Mooney 09/09/2026

/s/Nathan D. Sturycz, attorney-in-fact 09/09/2026

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

POWER OF ATTORNEY SECTION 16 FILINGS

Know all by these presents, that the undersigned hereby constitutes and appoints each of Nathan D. Sturycz, Stephanie Gurgel, Summer Moorman, and their designees with full power and authority to act alone, as the undersigneds true and lawful attorney-in-fact to:

(1) prepare, execute for and on behalf of the undersigned, and submit to the United States Securities and Exchange Commission (the Commission) a Form ID, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the Commission of reports required by Section 16(a) of the Securities Exchange Act of 1934, as amended (the Exchange Act), or any rule or regulation of the Commission;

(2) act as account administrator and to manage the undersigneds EDGAR account;

(3) execute for and on behalf of the undersigned, in the undersigneds capacity as a reporting person of Midland States Bancorp, Inc. (the Company), Forms 3, 4 and 5 in accordance with Section 16(a) of the Exchange Act and the rules thereunder, or Forms 144 pursuant to the Exchange Act;

(4) do and perform any and all acts for and on behalf of the undersigned which maybe necessary or desirable to complete and execute any such Form 3, 4, 5, or Form 144 including any amendment or amendments thereto and file such form with the Commission and the applicable stock exchange or similar authority;

(5) seek or obtain, as the undersigneds representative and on the undersigneds behalf, information on transactions in the Companys securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to the undersigneds attorney-in-fact appointed by this Power of Attorney and approves and ratifies any such release of information; and

(6) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of any of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by any of such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as any of such attorney-in-fact may approve in his or her discretion.

The undersigned hereby grants to such attorney-in-fact full power and authority to act separately and to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that any of such attorney-in-fact, or the substitute or substitutes of any of such attorney-in-fact, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigneds responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigneds holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorney-in-fact.

The undersigned agrees to hold the attorney-in-fact, or either one of them, jointly and severally, free and harmless from any and all loss, damage or liability that they, or either one of them, may sustain as a result of any action taken in good faith hereunder and not due to the attorney-in-facts own negligence, misconduct or bad faith.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 18th day of November, 2025.

Signature:

Name: Kyle Mooney