AUBURN NATIONAL Bancorporation, Inc.	
	Your vote matters – here's how to vote! You may vote online or by phone instead of mailing this card.
	Votes submitted electronically must be received by 1:00 A.M., Central Time, on May 13, 2025.
	Online Go to www.investorvote.com/AUBN or scan the QR code — login details are located in the shaded bar below.
	Phone Call toll free 1-800-652-VOTE (8683) within the USA, US territories and Canada
Using a <u>black ink</u> pen, mark your votes with an X as shown in this example. Please do not write outside the designated areas.	Save paper, time and money! Sign up for electronic delivery at www.investorvote.com/AUBN
Annual Meeting Proxy Card	
▼ IF VOTING BY MAIL, SIGN, DETACH AND RETURN THE BOTTOM PORTION IN THE ENCLOSED ENVELOPE.▼	
A Proposals – The Board of Directors recommend a vote FOR all the nominees listed, FOR Proposal 2, for a shareholder vote EVERY <u>1 YEAR</u> in Proposal 3, FOR Proposal 4, and FOR Proposal 5.	
1. Election of Directors: 01 - C. Wayne Alderman 02 - Terry W. Andrus 03 - J. Tutt Barrett 05 - Robert W. Dumas 06 - William F. Ham, Jr. 07 - David A. Hedge 09 - Michael A. Lawler 10 - Anne M. May 11 - Sandra J. Spendice	
Mark here to vote <u>FOR</u> all nominees Mark here to <u>WITHHO</u> 01	L <u>D</u> vote from all nominees 02 03 04 05 06 07 08 09 10 11
For All <u>EXCEPT</u> - To withhold a vote for one or more nominees, mark the box to the left and the corresponding numbered box(es) to the right.	
2. To approve the compensation of the Company's named executive officers.	3. To recommend the frequency of the shareholder vote to approve the compensation of the Company's

- To approve an amendment to the Company's Certificate of Incorporation to limit the liability of officers as permitted by the Delaware General Corporation Law.
- 6. The Proxies are authorized to vote upon such other business as may properly come before the Meeting, or any adjournments of the majority of the Company's Board of Directors.

B Authorized Signatures – This section must be completed for your vote to be counted. – Date and Sign Below

For

Against Abstain

When shares are held by joint tenants, both should sign. Executors, administrators, trustees, etc. should give full title as such. If the signer is a corporation, please sign full corporate name by duly authorized officer.

named executive officers.

5. To ratify the appointment of Elliott Davis, LLC as the

for the fiscal year ending December 31, 2025.

independent registered public accounting firm of the Company

Date (mm/dd/yyyy) - Please print date below.

Signature 1 – Please keep signature within the box.

Signature 2 – Please keep signature within the box.

For

Against Abstain

1 U P X



Small steps make an impact.

Help the environment by consenting to receive electronic delivery, sign up at www.investorvote.com/AUBN

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REVOCABLE PROXY - AUBURN NATIONAL BANCORPORATION, INC.

2025 ANNUAL MEETING OF SHAREHOLDERS MAY 13, 2025

THIS PROXY IS SOLICITED BY THE BOARD OF DIRECTORS.

KNOW BY ALL MEN BY THESE PRESENTS, that the undersigned shareholder of Auburn National Bancorporation, Inc., Auburn, Alabama (the "Company"), hereby revoking any proxy heretofore given, does hereby nominate, constitute, and appoint Robert W. Dumas, and Terry W. Andrus or either one of them, the true and lawful attorneys and proxies of the undersigned, with full power of substitution, for the undersigned and in the undersigned's name, place, and stead, to vote all of the shares of common stock of the Company standing in the undersigned's name, on its books at the close of business on March 17, 2025, and that the undersigned shall be entitled to vote at the Annual Meeting of Shareholders to be held at the AuburnBank Center, 100 North Gay Street, Auburn, Alabama at 3:00 p.m. local time, on Tuesday, May 13, 2025, and at any adjournments thereof (the "Meeting"), with all the powers the undersigned would possess if personally present as follows:

The proxy will be voted as directed by the undersigned shareholder. Unless contrary direction is given, this proxy will be voted FOR the election of all the nominees listed in Proposal 1, FOR approval of the compensation of the Company's named executive officers, for a shareholder vote EVERY 1 YEAR to approve the compensation of the Company's named executive officers, FOR an amendment to the Company's Certificate of Incorporation to limit the liability of officers, and FOR the ratification of the appointment of Elliott Davis, LLC as the independent registered public accounting firm of the Company for the fiscal year ending December 31, 2025. The Proxies are authorized to vote upon such other business as may properly come before the Meeting, or any adjournments in accordance with the determination of a majority of the Board of Directors as to any other matters. The undersigned shareholder may revoke this proxy at any time prior to its exercise at the Meeting by either (i) giving written notice of revocation to the Company's Secretary, (ii) properly submitting to the Company a duly executed Proxy bearing a later date, or (iii) by appearing at the Meeting and voting in person. The undersigned shareholder hereby acknowledges receipt of the Notice of Annual Meeting and Proxy Statement.

IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE SHAREHOLDER MEETING TO BE HELD ON MAY 13, 2025 FOR AUBURN NATIONAL BANCORPORATION, INC. THE FOLLOWING MATERIAL IS AVAILABLE AT WWW.AUBNPROXY.COM. *PROXY STATEMENT *ANNUAL REPORT

PLEASE COMPLETE, DATE, SIGN, AND MAIL THIS PROXY CARD IN THE ENCLOSED POSTAGE-PAID ENVELOPE. YOU MAY ALSO VOTE ONLINE AT INVESTORVOTE.COM/AUBN.

C Non-Voting Items

Change of Address - Please print new address below.

Meeting Attendance Mark box to the right if you plan to attend the Annual Meeting.