PRESS RELEASE

Prosperity Bancshares, Inc.
Prosperity Bank Plaza
4295 San Felipe
Houston, Texas 77027

For more information contact:

Prosperity Bancshares, Inc.®
Chairman and Chief Executive Officer
281.269.7199
david.zalman@prosperitybankusa.com

FOR IMMEDIATE RELEASE

PROSPERITY BANCSHARES, INC.®
RELEASES RESULTS OF
2015 DODD-FRANK ACT STRESS TEST

HOUSTON, June 25, 2015. Prosperity Bancshares, Inc.® (NYSE: PB) (“Prosperity”), the parent company of Prosperity Bank® (the “Bank”), announced today that it has released the results of its company-run 2015 capital stress test under the severely adverse economic scenario for Prosperity and the Bank as required by the Dodd-Frank Wall Street Reform and Consumer Protection Act. Results indicate that, even in the severely adverse economic scenario established by the Board of Governors of the Federal Reserve System, Prosperity’s and the Bank’s regulatory capital ratios continue to significantly exceed well-capitalized levels throughout the nine quarter stress test period. The stress test results are available at www.prosperitybankusa.com and can be accessed by clicking DFAST Results under the Investor Relations tab.

Prosperity Bancshares, Inc.®

As of March 31, 2015, Prosperity Bancshares, Inc.®, is a $21.607 billion Houston, Texas based regional financial holding company, formed in 1983. Operating under a community banking philosophy and seeking to develop broad customer relationships based on service and convenience, Prosperity offers a variety of traditional loan and deposit products to its customers, which consist primarily of small and medium sized businesses and consumers. In addition to established banking products, Prosperity offers a complete line of services including: Internet Banking services at http://www.prosperitybankusa.com, Retail Brokerage Services, Credit Cards, MasterMoney Debit Cards, 24 hour voice response banking, Trust and Wealth Management, Mortgage Services and Mobile Banking. Prosperity currently operates 245 full service banking locations; 61 in the Houston area including The Woodlands; 30 in the South Texas area including Corpus Christi and
Victoria; 37 in the Dallas/Fort Worth area; 22 in the East Texas area; 30 in the Central Texas area
including Austin and San Antonio; 34 in the West Texas area including Lubbock, Midland/Odessa
and Abilene; 16 in the Bryan/College Station area; 6 in the Central Oklahoma area; and 9 in the
Tulsa, Oklahoma area.

This press release contains forward-looking statements, including projections of Prosperity’s and the Bank’s financial
results and condition on a pro forma basis under a hypothetical scenario. This scenario is not a forecast of anticipated
economic conditions, and, accordingly, the projections are not intended to be a forecast of Prosperity’s or the Bank’s
expected future financial results or condition. Instead, the projections reflect possible results under the prescribed
hypothetical scenario. Prosperity’s and the Bank’s future financial results and condition will be impacted by actual
economic and financial conditions and various other factors as described in Prosperity’s reports, including its Annual
Report on Form 10-K for the year ended December 31, 2014, filed with the Securities and Exchange Commission and
available at www.sec.gov.