FIRST INTERNET

ANNUAL MEETING, MAY 19, 2014

YOUR VOTE IS IMPORTANT!

Annual Meeting Materials are available on-line at: http://firstinternet.investorroom.com

You can vote in one of three ways:

Call toll free 1-855-673-0652 on a Touch-Tone Phone. There is NO CHARGE to you
for this call.

or

Via the Internet at https://www.rtcoproxy.com/inbk and follow the instructions.

or

Mark, sign and date your proxy card and return it promptly in the enclosed envelope.

PLEASE SEE REVERSE SIDE FOR VOTING INSTRUCTIONS

(Continued, and to be marked, dated and signed, on the other side)

REVOCABLE PROXY FIRST INTERNET BANCORP

ANNUAL MEETING OF SHAREHOLDERS MAY 19, 2014 1:00 P.M.

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

David B. Becker and Kay E. Whitaker, or either of them are hereby appointed, for the undersigned, with full power of substitution, to vote all the shares of Common Stock of First Internet Bancorp (the "Company") which the undersigned may be entitled to vote at the Annual Meeting of Shareholders of the Company scheduled for May 19, 2014 at 1:00 P.M. at 9100 Keystone Crossing, Indianapolis, Indiana 46240, and at any adjournment thereof, as directed on the reverse side and, in their discretion on any matters which may properly come before the meeting. This proxy will be voted as directed or if no direction is provided, the shares represented by this proxy will be voted FOR all of the nominees listed in proposal 1, and FOR proposals 2 and 3.

PLEASE PROVIDE YOUR INSTRUCTIONS TO VOTE BY TELEPHONE OR THE INTERNET OR COMPLETE, DATE, SIGN, AND MAIL THIS PROXY CARD PROMPTLY IN THE ENCLOSED POSTAGE-PAID ENVELOPE.

FIRST INTERNET

YOUR VOTE IS IMPORTANT! PROXY VOTING INSTRUCTIONS

Shareholders of record have three ways to vote:

- . By Telephone (using a Touch-Tone Phone); or
- 2. By Internet; or
- By Mail.

To Vote by Telephone:

Call 1-855-673-0652 Toll-Free on a Touch-Tone Phone anytime prior to 3 a.m., May 19, 2014.

To Vote by Internet:

Go to https://www.rtcoproxy.com/inbk prior to 3 a.m., May 19, 2014.

Please note that the last vote received from a shareholder, whether by telephone, by Internet or by mail, will be the vote counted.

Mark here if you plan to attend the meeting.	
Mark here for address change.	ļ
Comments:	

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FOLD HERE IF YOU ARE VOTING BY MAIL PLEASE DO NOT DETACH

X PLEASE MARK VOT AS IN THIS EXAMPLE				
To elect seven directors to se meeting of shareholders.	erve until the next annual	For	With-	For A Excep
Nominees:				
(01) David B. Becker (03) David R. Lovejoy (05) Ralph R. Whitney, Jr. (07) Jean L. Wojtowicz	(02) John K. Keach, Jr. (04) Ann D. Murtlow (06) Jerry Williams			
INSTRUCTION: To withhold authori and write that nominee(s') name(s				
Please be sure to date an this proxy card in the box		1		
-				
Sign above	Co-holder (if ar			
When shares are held by joint tenants, bot should give full title as such. If the sign				

2	To approve, in an advisory (non-binding) vote, the	Far	Against	Absta
	compensation paid to three of our executive officers.	Far	Against	Abstr
3.	To ratify the appointment of BKD LLP as our independent registered public accounting firm for 2014.			

 To transact such other business as may properly come before the meeting or any adjournments thereof.

duly authorized officer.