

OLD SECOND BANCORP INC  
Form 11-K  
June 26, 2017  
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UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 11 K

ANNUAL REPORT

Pursuant to Section 15 (d) of the Securities Exchange Act of 1934

ANNUAL REPORT PURSUANT TO SECTION 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2016

OR

TRANSITION REPORT PURSUANT TO SECTION 15(d) OF  
THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from \_\_\_\_\_ to \_\_\_\_\_

Commission file number 0-10537

A. Full title of the plan and the address of the plan if different from that of the issuer named below:

Old Second Bancorp, Inc. Employees' 401(k) Savings Plan and Trust

B. Name of the issuer of the securities held pursuant to the plan and the address of its principal executive office:

37 South River Street, Aurora, Illinois 60507

(Address of principal executive offices, including zip)

(630) 892-0202

(Registrant's telephone number, including Area Code)



Financial Statements and Supplemental Schedule

Old Second Bancorp, Inc. Employees'

401(k) Savings Plan and Trust

As of December 31, 2016 and 2015, and the year ended December 31, 2016, with Report of Independent Registered Public Accounting Firm

Employer Identification #36-3143493

Plan #003

2

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Old Second Bancorp, Inc. Employees'

401(k) Savings Plan and Trust

Financial Statements and Supplemental Schedule

As of December 31, 2016 and 2015, and the year ended December 31, 2016

Contents

<u>Report of Independent Registered Public Accounting Firm</u>	4
<u>Financial Statements</u>	
<u>Statements of Net Assets Available for Benefits</u>	5
<u>Statement of Changes in Net Assets Available for Benefits</u>	6
<u>Notes to Financial Statements</u>	7-11
<u>Supplemental Schedule</u>	
<u>Schedule H, Line 4i – Schedule of Assets (Held at End of Year)</u>	13
<u>Consent of Independent Registered Public Accounting Firm</u>	14
<u>Signatures</u>	15

Report of Independent Registered Public Accounting Firm

To the Administrator of the Old Second Bancorp, Inc. Employees'

401(k) Savings Plan and Trust

We have audited the accompanying statements of net assets available for benefits of Old Second Bancorp, Inc. Employees' 401(k) Savings Plan and Trust (the "Plan") as of December 31, 2016 and 2015, and the related statement of changes in net assets available for benefits for the year ended December 31, 2016. These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets of the Plan as of December 31, 2016 and 2015, and the changes in its net assets for the year ended December 31, 2016, in conformity with accounting principles generally accepted in the United States of America.

The supplemental information in the accompanying schedule of assets held at end of year as of December 31, 2016, has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the

supplemental information, including its form and content, is presented in conformity with Department of Labor's Rules and Regulations for Reporting under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ Plante & Moran, PLLC

Chicago, Illinois  
June 26, 2017

Old Second Bancorp, Inc. Employees'

401(k) Savings Plan and Trust

Statements of Net Assets Available for Benefits

	December 31, 2016	2015
Assets		
Cash - noninterest bearing	\$ 145,136	\$ 87,358
Participant directed investments, at fair value	59,562,339	54,397,032
Notes receivable from participants	754,840	743,509
Employer match contribution receivable	38,204	8,129
Net assets available for benefits	\$ 60,500,519	\$ 55,236,028

The accompanying notes are an integral part of these financial statements.

5

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Old Second Bancorp, Inc. Employees'

401(k) Savings Plan and Trust

## Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2016
Additions	
Investment Income	
Net realized and unrealized appreciation in fair value of investments	\$ 5,896,266
Dividend and interest income	882,074
Net investment income	6,778,340
Participant contributions	1,639,175
Employer match contributions	705,638
Rollover contributions	1,014,740
Interest income from notes receivable from participants	25,911
Total additions	10,163,804
Deductions	
Benefit payments to participants	4,890,558
Administrative expenses	8,755
Total deductions	4,899,313
Net increase	5,264,491
Net assets available for benefits:	
Beginning of year	55,236,028
End of year	\$ 60,500,519

The accompanying notes are an integral part of these financial statements.

Old Second Bancorp, Inc. Employees'

401(k) Savings Plan and Trust

Notes to Financial Statements

As of December 31, 2016 and 2015

### 1. Description of the Plan

The following is a brief description of the Old Second Bancorp, Inc. Employees' 401(k) Savings Plan and Trust (the "Plan"). Participants should refer to the Plan document or the summary plan description for a more complete description of the Plan's provisions.

#### General

The Plan is a defined-contribution plan established to provide deferred compensation benefits to eligible employees. Under the Plan, all nonunion employees of Old Second Bancorp, Inc. and certain of its affiliates (collectively, the "Company") who have met certain eligibility requirements may elect to participate in the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA).

#### Contributions

Under provisions of the Plan, participants enter into agreements wherein each participant may elect to contribute an unlimited reduction in compensation to the Plan (subject to statutory wage limitations). Maximum contribution limits of compensation may apply for certain highly compensated employees.

The Plan allows for a discretionary employer match contribution. During 2016, a discretionary match equal to 100% of the first 3% of the participant's eligible compensation was contributed to participants of the Plan. Participants are 100% vested in the discretionary matching contributions. Total employer matching contributions to the plan were approximately \$705,638.

Participants must complete three months of service to be eligible for matching contributions, with the entry date being the first day of the quarter coincident with or next following the employee's three-month anniversary.

Profit-sharing contributions are based on amounts determined by the Company's Board of Directors before the end of each year and shall not exceed the maximum amount deductible for federal income tax purposes. Participants must complete one year of service to be eligible for profit-sharing contributions with the earliest entry date being the first of the quarter coincident with or next following their one year anniversary date. For year ended December 31, 2016, no profit-sharing contribution was made by the Company.

Forfeitures may be used to pay Plan expenses, or are used to reduce Company contributions. The Plan used \$5,800 of forfeitures during the year ending December 31, 2016, to reduce the employer matching contributions.

Participants who have attained age 50 before the end of the Plan year are eligible to make additional catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

#### Payment of Benefits

Upon termination of service, disability, retirement, or death, each participant or beneficiary may elect to receive accumulated benefits. The benefit may be paid as a lump-sum amount, a series of installment payments or partial distribution(s), as determined by the participant or beneficiary. Under certain circumstances, participants may receive a hardship distribution prior to termination upon approval of the plan administrator. Upon attaining the age of 65, participants are eligible to receive in-service distributions of all vested balances.

### Participant Accounts

Each participant's account is credited with the participant's contributions and allocations of: (a) Company contributions, and (b) Plan earnings (losses). Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

### Vesting

Participants are always fully vested in their employee contributions, rollover contributions, Company matching contributions, and earnings thereon.

In compliance with the Pension Protection Act of 2006, effective January 1, 2007, the Company has amended the Plan's vesting schedule for profit sharing contributions made for the plan year beginning January 1, 2007. These contributions will vest under a 6 year graded schedule as follows:

Years of vesting service	Nonforfeitable percentage
0-1	0%
2	20%
3	40%
4	60%
5	80%
6	100%

### Notes Receivable from Participants

Participants may borrow from their accounts a maximum of the lesser of \$50,000 or 50% of their vested account balance. Note terms generally range from one to five years, except in the case of a note for the purpose of acquiring a primary residence. The term of such note shall be determined by the Company. The notes are secured by the balance in the participant's account and bear a reasonable rate of interest as determined by the Company. Principal and interest are paid ratably through semi-monthly payroll deductions.

### Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to provisions of ERISA. Upon Plan termination, all participants become fully vested in their account balances.

## 2. Summary of Significant Accounting Policies

The following is a summary of significant accounting policies followed by the Plan.

### Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

### Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts included in the financial statements. Actual results could differ from those estimates.

### Investment Valuation and Income Recognition

The Plan's investments are reported at fair value. See Note 4 for additional information. Purchases and sales of securities are recorded on a trade date basis. Interest income is recorded on the accrual basis. Dividend income is recorded on the ex-dividend date.

### Notes Receivable from Participants

Notes receivable from participants are recorded at their unpaid principal balances plus any accrued interest. Notes receivable from participants are written off when deemed uncollectible.

### Administrative Expenses

Certain administrative expenses of the Plan are paid by any available forfeitures and any excess paid by the Company. For the year ended December 31, 2016, no forfeitures were utilized to pay administrative expenses. The Plan charges participants fees for administrative expenses related to loans and distributions.

### Payment of Benefits

Benefits are recorded when paid.

### New Accounting Pronouncements

During 2016, the Plan adopted Accounting Standards Update (ASU) No. 2016-01, Financial Instruments – Overall Recognition and Measurement of Financial Assets and Financial Liabilities. ASU No. 2016-01 amended ASC 825, Financial Instruments, and eliminated the requirement to disclose the fair value of financial instruments not recorded at fair value required under Accounting Standard Codification 825. This standard was adopted retrospectively and had no impact on the Plan's net assets or changes in net assets.

### 3.Risk and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the financial statements. The Plan has significant investments in Company stock. The Company's loan portfolio is concentrated heavily in residential and commercial real estate loans, which involve risks specific to real estate values and the real estate and mortgage markets in general. Due to the general market decline in residential and commercial real estate, the Company's loan portfolio and stock valuation declined significantly beginning in 2008. During the past three years, particularly with a common stock issuance in the second quarter of 2014, the stock valuation has increased. The exposure to residential and commercial real estate could affect the value of the Company's stock in the future.

### 4.Fair Value Measurements

Fair value is defined as the price that would be received by the Plan for an asset or paid by the Plan to transfer a liability (an exit price) in an orderly transaction between market participants on the measurement date in the Plan's principal or most advantageous market for the asset or liability. The fair value hierarchy established, also requires the Plan to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The hierarchy places the highest priority on unadjusted quoted market prices in active markets for identical assets or liabilities (level 1 measurements) and gives the lowest priority to unobservable inputs (level 3 measurements). The three levels of inputs within the fair value hierarchy are defined as follows:

Level 1: Quoted prices (unadjusted) for identical assets or liabilities in active markets that the Plan has the ability to access as of the measurement date.

Level 2: Significant other observable inputs other than level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.

Level 3: Significant unobservable inputs that reflect the Plan's own assumptions about the assumptions that market participants would use in pricing an asset or liability.

In many cases, a valuation technique used to measure fair value includes inputs from multiple levels of the fair value hierarchy. The lowest level of significant input determines the placement of the entire fair value measurement in the hierarchy.

The Plan's policy is to recognize transfers between levels of the fair value hierarchy as of the end of the reporting period. There were no significant transfers between levels of the fair value hierarchy during 2016 or 2015.

The following descriptions of the valuation methods and assumptions used by the Plan to estimate the fair values of investments apply to investments held directly by the Plan.

**Registered investment companies and Company stock:** The fair values of Registered investment companies and Company stock investments are determined by obtaining quoted prices on nationally recognized securities exchanges (level 1 inputs).

**Common collective trusts:** The fair values of participation units held in the equity, dividend, bond, government securities, asset allocation funds and the stable value fund, are based on their net asset values (“NAV”), as reported by the managers of the common collective trusts and as supported by the unit prices of actual purchase and sale transactions occurring as of or close to the financial statement date. The investment objectives and underlying investments of the common collective trusts vary. Two of these trusts are comprised of a diversified portfolio of common stocks, both domestic and international, as well as open-ended mutual funds. One is comprised of U.S. Government and government agency fixed income securities, as well as opened mutual funds that invest in the same types of securities. One also invests in individual fixed income securities issued by the U.S. Government, government agencies, and corporations. In addition, there are four asset allocation funds that are comprised of a mix of the four common collective funds (equity funds, bond fund, and Government securities fund discussed above) and are classified as level 2. Each of the common collective trusts discussed above provides for daily redemptions by the Plan at reported net asset value per unit. The common collective trusts invest primarily in equity securities and bonds traded on nationally recognized securities exchanges and active dealer markets. Were the Plan to initiate a full redemption of the collective trust funds, the investment advisor will ensure that securities liquidations will be carried out in an orderly manner. The Plan invests in the Federated Capital Preservation Trust Fund (the stable value fund) which holds guaranteed investment contracts (traditional GICs), separate account guaranteed investment contracts (separate account GICs) and synthetic guaranteed investment contracts (synthetic GICs). The fair value of traditional GICs is determined based on the present value of the contract’s expected cash flows, discounted by current market rates for like-duration and like-quality investments. The fair value of separate account GICs and synthetic GICs is determined based on the fair value of the securities underlying each GIC. The underlying securities can be comprised of, primarily, over-the-counter market securities and open-end mutual funds. Participants may purchase units of the fund daily based on the established unit value of \$10.00. Participants may redeem units of the stable value fund for the purpose of funding a benefit payment, making a participant note receivable, honoring an employee-directed transfer of the employee’s interest in the Plan to another investment election that is a noncompeting investment, or paying trustee fees. Participants may make withdrawals from the fund for other purposes generally only upon 12 months’ advance written notice to the trustee. Each of the collective trust funds provides for daily redemptions. There are no unfunded commitments to the common collective trusts at December 31, 2016 or 2015.

**Money market accounts:** Fair values are estimated to approximate deposit account balances, payable on demand, as no discounts for credit quality or liquidity were determined to be applicable (level 2 inputs).

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Investments measured at fair value on a recurring basis are summarized below:

	December 31, 2016			Total
	Level 1	Level 2	Level 3	
Registered investment companies	\$ 22,576,336	\$ -	-	22,576,336
Company stock	13,051,431	-	-	13,051,431
Money market accounts	-	1,453	-	1,453
	\$ 35,627,767	\$ 1,453	\$ -	35,629,220
Investments measured at NAV:				
Common collective trusts				23,933,119
Total investments measured at fair value:				\$ 59,562,339

	December 31, 2015			Total
	Level 1	Level 2	Level 3	
Registered investment companies	\$ 20,445,284	\$ -	\$ -	\$ 20,445,284
Company stock	9,683,027	-	-	9,683,027
Money market accounts	-	3,334,015	-	3,334,015
	\$ 30,128,311	\$ 3,334,015	\$ -	33,462,326
Investments measured at NAV:				
Common collective trusts				20,934,706
Total investments measured at fair value:				\$ 54,397,032

#### 5. Income Tax Status

The Plan is a prototype plan. The prototype plan has received a favorable opinion letter dated March 31, 2014 from the Internal Revenue Service ("IRS") that the prototype plan, as designed, is qualified for federal income tax-exempt status. Although the Plan has been amended since receiving the opinion letter, the Plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRS and therefore believes that the Plan is qualified and that the related trust is tax-exempt. The Plan has not individually sought a determination from the IRS on its qualification status.

#### 6. Related Party Transactions

Certain Plan investments including specific common collective trusts managed by Old Second National Bank, a subsidiary of the Company. The Plan also holds Company stock. Old Second National Bank is the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions.

The Charles Schwab Trust Company is a custodian of the Plan and the Plan has investments in a Charles Schwab money market accounts and registered investment company funds, therefore, these transactions qualify as party-in-interest transactions.

Old Second National Bank provides certain accounting and administrative services to the Plan for which no fees are charged. Old Second National Bank paid certain accounting, administrative and investment management service expenses for the Plan in the amount of \$67,764 for year ended December 31, 2016.

Supplemental Schedule

12

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EIN 36-3143493

Plan #003

Old Second Bancorp, Inc. Employees'

401(k) Savings Plan and Trust

Schedule H, Line 4i – Schedule of Assets

(Held at End of Year)

EIN #36-3143493 Plan #003

December 31, 2016

Identity of Issuer/Description	Units/ Shares	Current Value
Money Market Account		
Schwab Investor Money Fund*	87	\$ 87
Schwab retirement Advtg Money Fund*	1,366	1,366
Common Collective Trust Funds		
The Old Second National Bank of Aurora Common Trust Fund for Corporate Retirement Plans		
Diversified Equity Portfolio*	70,361	4,927,361
Bond Fund*	13,993	2,628,240
Government Securities Fund*	25,013	1,371,032
Strategic Dividend Fund*	96,821	1,242,964
Conservative Fund*	25,345	367,840
Balanced Fund*	181,434	3,933,022
Growth Fund*	103,235	1,563,667
Aggressive Fund*	49,571	1,247,470
Common Collective Trust Fund, Stable Value		
Federated Capital Preservation Trust Fund	665,152	6,651,523
Registered Investment Companies		

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American Funds Growth Fund of America R3	141,539	3,747,946
Dodge & Cox International Stock Fund	75,054	2,859,571
Dodge & Cox Stock Fund	25,862	4,766,288
Dreyfus Midcap Index Fund	22,817	799,976
Morgan Stanley International Equity A	50,402	737,889
Schwab Small Cap Index*	59,427	1,669,901
Vanguard Index Trust 500 Portfolio	18,462	3,813,652
Vanguard Mid-Cap Growth Invs Shs	133,569	2,991,937
Metropolitan West Total Return Bond Fund	112,825	1,189,176
Company Stock		
Old Second Bancorp, Inc. common stock*	1,181,125	13,051,431
Notes receivable from participants*, interest rates of 3.25% to 8.25%		754,840
Total		\$ 60,317,179

\*Represents a party-in-interest to the Plan.

Cost information is not applicable as the Plan is participant directed.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We have issued our report letter dated June 26, 2017 with respect to the financial statements of Old Second Bancorp, Inc. Employees' 401(k) Savings Plan and Trust on Form 11-K as of December 31, 2016 and 2015, and for the year ended December 31, 2016. We hereby consent to the incorporation by reference of said report in the Registration Statement of Old Second Bancorp, Inc. on Form S-8 (File No. 333-38914, effective June 9, 2000 and File No. 333-137262, effective September 12, 2006).

/s/ Plante & Moran, PLLC

Chicago, Illinois  
June 26, 2017

SIGNATURES

Pursuant to the requirements of Section 15(d) of the Securities and Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

OLD SECOND  
BANCORP, INC.

~~BY~~ James L. Eccher  
James L. Eccher

President and Chief  
Executive Officer  
(principal executive  
officer)

~~BY~~ Bradley S.  
Adams  
Bradley S. Adams

Executive  
Vice-President  
and Chief Financial  
Officer (principal  
financial and  
accounting officer)

DATE: June 26, 2017