

Kent County
Employees'
Retirement Plan



Year Ended
December 31,
2017

Financial
Statements

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

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INDEPENDENT AUDITORS' REPORT

June 13, 2018

Members of the Pension Board of the
Kent County Employees' Retirement Plan
Grand Rapids, Michigan

Report on the Financial Statements

We have audited the financial statements of the *Kent County Employees' Retirement Plan* (the "Plan", a pension trust fund of the County of Kent, Michigan), as of and for the year ended December 31, 2017, and the related notes to the financial statements, which collectively comprise the Plan's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Independent Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the Plan financial position of the Kent County Employees' Retirement Plan as of December 31, 2017, and the change in financial position thereof for the year then ended, in conformity with accounting principles generally accepted in the United States of America.

Reporting Entity

As discussed in Note 1, the financial statements present only the Kent County Employees' Retirement Plan and do not purport to, and do not, present fairly the financial position of the County of Kent, Michigan as of December 31, 2017, and the changes in its financial position for the year then ended, in conformity with accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis and the schedules of pension information, as listed in the table of contents, be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated June 13, 2018, on our consideration of the Plan's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Plan's internal control over financial reporting and compliance.



MANAGEMENT'S DISCUSSION AND ANALYSIS

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Management's Discussion and Analysis

The following is a discussion and analysis of the financial performance and position of the Kent County Employees' Retirement Plan (the "Plan") for the year ended December 31, 2017. This analysis should be read in conjunction with the *Independent Auditors' Report* and with the financial statements, which follow this section.

Financial Highlights

- Plan assets exceeded liabilities at December 31, 2017 by \$896,919,895 (reported as *net position*).
- The Plan's funding objective is to meet the long-term benefit obligations through contributions and investment income. At December 31, 2017, the date of the most recent actuarial valuation, the plan fiduciary net position as a percentage of the total pension liability was 104.3%.
- Additions to net position for the year ended December 31, 2017 were \$148,341,334 which is comprised of contributions of \$18,240,351 and net investment income of \$130,100,983.
- Deductions from net position decreased 29.4% from 2016 to 2017 (from \$55,999,594 to \$39,510,699). The fiscal year 2016 included a one-time distribution to the Gerald R. Ford International Airport Authority (the "Authority"). This Authority was established during the previous fiscal year and all employees of the Authority previously participating in the Plan were transferred into a new, separate pension retirement plan.

The Statement of Fiduciary Net Position and the Statement of Changes in Fiduciary Net Position

This report consists of two financial statements: the *Statement of Fiduciary Net Position* and the *Statement of Changes in Fiduciary Net Position*. These financial statements report information about the Plan, as a whole, and about its financial condition that should help answer the question: Is the Plan better off or worse off as a result of this year's activities? These statements include all assets and liabilities using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, all revenues and expenses are taken into account regardless of when cash is received or paid. The *Statement of Fiduciary Net Position* presents all of the Plan's assets and liabilities with the difference between the two reported as net position. Over time, increases and decreases in net position measure whether the Plan's financial position is improving or deteriorating. The *Statement of Changes in Fiduciary Net Position* presents how the Plan's net position changed during the most recent fiscal year. These two financial statements should be reviewed along with the schedules of pension information (presented after the footnotes as required supplementary information) to determine whether the Plan is becoming financially stronger or weaker and to understand changes over time in the funded status of the Plan.

Financial Analysis

Total assets as of December 31, 2017 and 2016 were \$897,836,544 and \$789,648,865, respectively, and were comprised mainly of investments and receivables. Total assets increased \$108,187,679 or 13.7% from December 31, 2016 to December 31, 2017, primarily from net appreciation in the fair value of investments.

Total liabilities as of December 31, 2017 were \$916,649, and consisted of amounts payable for management fees and amounts due to brokers. Total liabilities decreased \$642,956 or approximately 41.2% from December 31, 2016 to December 31, 2017, primarily due to the timing of management fee payments.

Plan assets exceeded its liabilities at the close of 2017 by \$896,919,895.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Management's Discussion and Analysis

	Net Position	
	December 31,	
	2017	2016
Assets		
Cash	\$ 19	\$ 47
Receivables	2,250,401	1,515,931
Investments	895,586,124	788,132,887
Total assets	<u>897,836,544</u>	<u>789,648,865</u>
Liabilities		
Accounts payable	884,225	1,023,523
Due to brokers	32,424	536,082
Total liabilities	<u>916,649</u>	<u>1,559,605</u>
Total net position	<u>\$ 896,919,895</u>	<u>\$ 788,089,260</u>

Revenue - Additions to Fiduciary Net Position

The reserves needed to finance retirement benefits are accumulated through the collection of employer and employee contributions and through earnings on investments. Contributions and net investment income for 2017 and 2016 totaled \$148,341,334 and \$72,119,793, respectively.

Overall total contributions and net investment income increased \$76,221,541 from 2016 to 2017 primarily due to a large increase in the net appreciation in fair value of securities in 2017. Contributions increased as a result of the employer contribution rate increasing from 7.68% in 2016 to 9.57% in 2017.

Expenses - Deductions from Fiduciary Net Position

The primary expenses of the Plan include the payment of pension benefits to members and beneficiaries, refunds of contributions to former members, and cost of administering the Plan. Total deductions for fiscal years 2017 and 2016 were \$39,510,699 and \$55,999,594, respectively.

Pension benefit payments increased by \$2,830,020 or 8.0% from \$35,536,696 to \$38,366,716 from 2016 to 2017, respectively. Benefit payments may fluctuate annually based on the mix of retirees currently receiving benefits.

In the prior year, a one-time distribution to the Gerald R. Ford International Airport Authority was made of \$19,162,598. This Authority was established during the prior year and all employees of the Authority previously covered by the Plan were transferred into a new, separate pension retirement plan.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Management's Discussion and Analysis

	Changes in Net Position	
	Year Ended December 31,	
	2017	2016
Additions		
Contributions	\$ 18,240,351	\$ 16,285,445
Net investment income	130,100,983	55,834,348
Total additions	148,341,334	72,119,793
Deductions		
Benefit payments	38,366,716	35,536,696
Administrative expenses	665,347	574,511
Refunds of contributions	478,636	725,789
Distribution to Gerald R. Ford International Airport Authority	-	19,162,598
Total deductions	39,510,699	55,999,594
Change in net position	108,830,635	16,120,199
Net position, beginning of year	788,089,260	771,969,061
Net position, end of year	\$ 896,919,895	\$ 788,089,260

Economic Factors, Investment Returns, and Other Important Matters

The Plan's purpose is to provide long-term benefit payments to its members through long-term investing. Through its investment policy, the Plan has positioned the investment portfolio to achieve this long-term objective.

In addition, to maximize investment returns and preserve fund assets, the Plan carefully monitors the performance of each of its investment managers and takes the necessary corrective action to ensure acceptable investment results.

Contacting the Plan's Financial Management

This financial report is designed to provide the public, citizens, and other interest parties with a general overview of the Plan's financial position. If you have questions about this report or need additional financial information, contact Michelle Balcom, Pension Administrator, County of Kent, Michigan, 300 Monroe Ave. NW, Grand Rapids, MI 49503.

BASIC FINANCIAL STATEMENTS

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Statement of Fiduciary Net Position

December 31, 2017

Assets			
Cash		\$	19
Receivables:			
Accrued interest receivable	\$	952,567	
Contributions receivable		692,955	
Due from brokers		604,879	
Total receivables			2,250,401
Investments, at fair value:			
U.S. government obligations		37,336,717	
U.S. government agency obligations		2,065,835	
Municipal obligations		536,575	
Corporate obligations		32,017,781	
Common stock		353,117,922	
Foreign obligations		6,675,116	
Foreign common stock		3,755,824	
Money market funds		24,039,575	
International equity mutual funds		179,510,730	
International fixed income mutual funds		138,078,190	
Real estate and infrastructure securities		63,943,559	
Asset-backed securities		5,485,407	
Mortgage-backed securities fund		49,022,893	
Total investments			895,586,124
Total assets			897,836,544
Liabilities			
Accounts payable			884,225
Due to brokers			32,424
Total liabilities			916,649
Net position restricted for pension benefits			\$ 896,919,895

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

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Statement of Changes in Fiduciary Net Position

For the Year Ended December 31, 2017

Additions

Contributions:

Employer	\$ 8,965,098	
Employee	9,275,253	
Total contributions		\$ 18,240,351

Investment income:

Net appreciation in fair value of securities	118,599,334	
Interest	3,604,550	
Dividends	11,520,116	
Total investment income	133,724,000	
Investment expense	(3,623,017)	
Net investment income		130,100,983

Total additions 148,341,334

Deductions

Benefit payments	38,366,716	
Administrative expenses	665,347	
Refunds of contributions	478,636	

Total deductions 39,510,699

Change in net position 108,830,635

Net position, beginning of year 788,089,260

Net position, end of year \$ 896,919,895

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

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NOTES TO FINANCIAL STATEMENTS

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

1. PLAN DESCRIPTION

The Kent County Employees' Retirement Plan (the "Plan") is a single-employer defined benefit contributory retirement plan that provides pension, death and disability benefits covering substantially all full-time and regular part-time employees of the County of Kent, Michigan (the "County").

The Plan was established by the Kent County Board of Commissioners and is administered by a seven member board called the Kent County Employees' Retirement Plan Pension Board. The Board is comprised of the Chairman of the Finance Committee of the Commissioners, one other commissioner appointed by the Board of Commissioners, three employees covered by the Plan, and two residents of the County that are independent of the County and the Plan. The Plan is administered by the County; accordingly, it is included as a pension trust fund in the County's comprehensive annual financial report. Employee contribution requirements were established and may be amended subject to collective bargaining agreements and approval by the Kent County Board of Commissioners.

Plan membership consisted of the following at December 31, 2017, the date of the most recent actuarial valuation:

Retirees and beneficiaries currently receiving benefits	1,434
Terminated employees entitled to but not yet receiving benefits	253
Vested and non-vested active participants	<u>1,500</u>
Total membership	<u><u>3,187</u></u>

Benefits Provided

Employees who retire with minimum age and years of service requirements are entitled to annual retirement benefits, payable in monthly installments for life, in an amount equal to a percentage of their final average compensation times years of credited service. Plan members hired through December 31, 2010 are eligible to receive pension benefits upon retirement at age 60 with 5 years of service or at any age with 25 years of service. Members hired on or after January 1, 2011 (January 1, 2012 for the Teamsters-Parks, Circuit Court Referees, and Teamsters-Public Health Nurses) are eligible at age 62 with 5 years of service or at age 60 (55 for captains and lieutenants) with 25 years of service. Members of the KCDSA bargaining unit hired on or after January 1, 2013 are eligible to receive this benefit at age 60 with 5 years of service or age 50 with 25 years of service. An early retirement option is offered for retirement at age 55 with 15 or more years of service. Members of the POAM bargaining unit hired on or after January 1, 2015 are eligible to receive this benefit at age 60 with 5 or more years of service or age 50 with 25 years of service.

Cost-of-living adjustments (COLAs) vary based on bargaining unit and hire date and range from 1%-3%.

Retirees are eligible for postemployment healthcare benefits if they are receiving a pension from the Plan. The Kent County Voluntary Employees' Beneficiary Association (VEBA) pays these benefits. These benefits are accounted for in the VEBA trust fiduciary fund, included in the County's comprehensive annual financial report.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

Contributions

Employee Contributions. After meeting eligibility requirements, active plan members are required to contribute to the Plan based on their bargaining unit or management group contribution rate. The variable rate was 8.75% for the year ended December 31, 2017. The additional amounts paid for COLAs by the members of the three unions covering public safety officers are a fixed amount added to the variable rate (8.5% for road patrol) and ranged from 1.75%-3.50%.

Employer Contributions. The County's funding policy provides for periodic employer contributions at actuarially determined rates that are expressed as percentages of annual covered payroll, and are designed to accumulate sufficient assets to pay benefits when due. The County's contribution rate for the year ended December 31, 2017, was 9.57% of projected valuation payroll. The normal cost and amortization payment were determined using an entry-age actuarial funding method. Unfunded actuarial accrued liabilities are being amortized as a level percent of payroll over a closed period of 21 years.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The Plan's financial statements are prepared on the accrual basis of accounting. Member contributions are recognized in the period in which they are due. The County's contributions are recognized when due and the employer has made a formal commitment to provide them. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

Valuation of Investments and Income Recognition

The Plan's investments are stated at fair value as described in Note 3.

Dividend income is recognized based on the ex-dividend date, and interest income is recognized on the accrual basis as earned. All realized gains and losses on investments are recognized at the point of sale and are included in investment income. Purchases and sales of investments are recorded as of the trade date, which is the date when the transaction is initiated.

Administration

Administrative costs are financed initially through forfeited contributions by terminated employees not vested in the plan and then through the Plan's investment earnings.

3. DEPOSITS AND INVESTMENTS

Cash and Short-term Investments

The Plan does not maintain any checking or other demand/time deposit accounts. The amounts reported as cash and money market funds in the statement of fiduciary net position are insured by the Securities Investors Protection Act for up to \$500,000 each. The carrying amount of these accounts as of December 31, 2017, was \$24,039,594, of which the insured amount was \$3,504,646. The remaining balance of \$20,534,948 is uninsured and uncollateralized.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

Investments

The Plan is authorized by the Michigan Public Employees Retirement Systems' Investment Act 314 of 1965, as amended, to invest in stocks, government and corporate securities, mortgages, real estate, and various other instruments, subject to certain limitations. The Plan's Pension Board is responsible for adopting the investment policies and strategies, and retaining/monitoring the various investment managers, trustees, advisors, actuaries and other fiduciaries utilized by the Plan.

Investment Policy. The Plan's policy in regard to the allocation of invested assets is established and may be amended by the Pension Board. The investment policy has been formulated based on consideration of a wide range of policies and describes the prudent investment process that the Board deems appropriate. The Plan's asset allocation policy as of December 31, 2017 is detailed in Note 4.

Rate of Return. For the year ended December 31, 2017, the annual money-weighted rate of return on pension plan investments, net of pension plan investment expense, was 16.68%. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

The Plan's investments are held in 17 portfolios administered by various investment managers. Following is a summary of the Plan's investments (at fair value, as determined by quoted market price) as of December 31, 2017:

U.S. government obligations	\$ 37,336,717
U.S. government agency obligations	2,065,835
Municipal obligations	536,575
Corporate obligations	32,017,781
Common stock	353,117,922
Foreign obligations	6,675,116
Foreign common stock	3,755,824
Money market funds	24,039,575
International equity mutual funds	179,510,730
International fixed income mutual funds	138,078,190
Real estate and infrastructure securities	63,943,559
Asset-backed securities	5,485,407
Mortgage-backed securities fund	49,022,893
Total investments	<u>\$ 895,586,124</u>

Credit Risk. Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Plan's investment policy requires that bonds have a minimum quality rating of BBB/Baa at the time of purchase. The overall portfolio is expected to maintain an average credit quality of AA or higher. Money market instruments shall have a minimum quality rating comparable to an A bond rating and commercial paper shall not be rated less than A1/P1 unless held in a diversified short-term commingled fund. For collateralized mortgage obligations, only issues rated AA or better at time of purchase are permitted.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

As of December 31, 2017, the Plan's investments were rated as follows:

Standard and Poor's AAA	\$ 4,686,890
Standard and Poor's AA	4,754,111
Standard and Poor's A	15,035,634
Standard and Poor's BBB	19,351,472
Standard and Poor's BB	43,480
Standard and Poor's B	17,461
Morningstar 4 Stars	66,397,874
Morningstar 3 Stars	22,705,661
Morningstar 2 Stars	22,893,151
Unrated	233,900,269
Not subject to credit risk	<u>505,800,121</u>
 Total investments	 <u><u>\$ 895,586,124</u></u>

Custodial Credit Risk. For investments, custodial credit risk is the risk that, in the event of the failure of the counterparty to a transaction, the Plan will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. Although uninsured and unregistered, the Plan's investments are not exposed to custodial credit risk since the securities are held by the counterparty's trust department or agent in the Plan's name. Short-term investments in money market funds and equity mutual funds are not exposed to custodial credit risk because their existence is not evidenced by securities that exist in physical or book form.

Concentration of Credit Risk. Concentration of credit risk is the risk of loss attributed to the magnitude of the Plan's investment in a single issuer. For fixed income portfolios, the Plan's Investment Policy provides that, with the exception of U.S. treasuries and agencies, no more than 3% of the portfolio shall be invested in the obligations of any one issuer. For equity portfolios, no single company's securities should represent more than 5% at cost, or 7% at market value, of the individual manager's portfolio. For the Plan's large cap equity portfolio, no single company's security should represent more than 1% plus the benchmark weight at the time of purchase of the individual manager's portfolio. Collateralized mortgage obligations are limited to 5% per issue. As of December 31, 2017, the Plan had no investment in a single issuer, other than U.S. treasuries and agencies, that exceeded the above percentages.

Foreign Currency Risk. Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or deposit. The Plan mitigates foreign currency risk by requiring the portfolio to be broadly diversified by number of holdings, by geographic location and across industry sectors. Country exposures are monitored through a quarterly performance report. The Plan's exposure to foreign currency risk as of December 31, 2017 in U.S. dollars is as follows:

Foreign obligations	\$ 6,675,116
Foreign common stock	3,755,824
International equity mutual funds	179,510,730
International fixed income mutual funds	<u>138,078,190</u>
 Total	 <u><u>\$ 328,019,860</u></u>

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

Interest Rate Risk. Interest rate risk is the risk that changes in interest rates will adversely affect the fair market value of an investment. The Plan's policy provides for its fixed income portfolio to have an average duration of no more than 120% of the duration of the stated benchmark (which varies by portfolio). Investments in equity mutual funds are comprised of securities with no stated maturity date. Accordingly, such investments are deemed to have an average duration of zero years. At December 31, 2017, maturities of the Plan's investments were as follows:

Less than 1 year	\$ 3,773,603
1 - 5 years	31,306,396
6 - 10 years	24,109,805
More than 10 years	24,927,627
No maturity	<u>811,468,693</u>
 Total investments	 <u>\$ 895,586,124</u>

Fair Value Measurement. The Plan categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on the valuation inputs used to measure the fair value of the asset. Level 1 inputs are quoted prices in active markets for identical assets; Level 2 inputs are significant other observable inputs; Level 3 inputs are significant unobservable inputs. The Plan has the following recurring fair value measurements as of December 31, 2017:

	Level 1	Level 2	Level 3	Total
U.S. government obligations	\$ -	\$ 37,336,717	\$ -	\$ 37,336,717
U.S. government agency obligations	-	2,065,835	-	2,065,835
Municipal obligations	-	536,575	-	536,575
Corporate obligations	-	32,017,781	-	32,017,781
Common stock	353,117,922	-	-	353,117,922
Foreign obligations	-	6,675,116	-	6,675,116
Foreign common stock	3,755,824	-	-	3,755,824
International equity mutual funds	-	179,510,730	-	179,510,730
International fixed income mutual funds	41,329,753	45,067,978	51,680,459	138,078,190
Real estate and infrastructure securities	-	-	63,943,559	63,943,559
Asset-backed securities	-	5,485,407	-	5,485,407
Mortgage-backed securities fund	-	49,022,893	-	49,022,893
 Total investments by fair value level	 <u>\$ 398,203,499</u>	 <u>\$ 357,719,032</u>	 <u>\$ 115,624,018</u>	 871,546,549
 Money market fund measured at amortized cost (which approximates fair value)				 <u>24,039,575</u>
 Total investments				 <u>\$ 895,586,124</u>

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

Fair value methodologies are summarized by investment type as follows:

Debt securities are valued by the Plan's investment custodian using various independent pricing services based on the type of asset. The pricing services may use valuation models or matrix pricing, which consider: (a) benchmark yields, (b) reported trades, (c) broker/dealer quotes, (d) benchmark securities, (e) bids or offers, and (f) reference data.

Securities traded on a national or international exchange are valued at the last quoted sales price on the primary exchange or market on which they are traded.

Investments in mutual funds are valued based on the net asset value as of the last business day of the month as calculated by the respective fund managers. This amount is typically representative of the current trade value of the fund (unless the Plan has reason to believe that this is not the most appropriate indicator of fair value).

Real estate and infrastructure investments are externally appraised on an annual basis by a reputable, independent appraisal firm (coordinated by the fund's trustee). Key inputs and assumptions used to determine fair value of real estate infrastructure include rental revenue and expense (and the related growth rate), terminal capital rates and discount rates. Development investments are valued using cost-incurred-to-date as a primary input until substantive progress is achieved.

Asset-backed and mortgage-backed securities funds are valued based on the future cash flows of the principal and interest payments of the underlying collateral of mortgages on various assets.

Certain investments are subject to redemption restrictions. Real estate and infrastructure securities are restricted based on the applicable portfolio: (a) quarterly with a 45-day written notice, or (b) on March 31 or September 30 with a 90-day notice. Equity mutual funds are generally restricted to redemption on the first or last day of each month. All other investments are subject to daily redemption.

4. NET PENSION ASSET OF THE COUNTY

Net Pension Asset. The components of the net pension asset of the County at December 31, 2017, were as follows:

Total pension liability	\$ 859,986,247
Plan fiduciary net pension	<u>896,919,895</u>
County's net pension asset	<u>\$ (36,933,648)</u>
Plan fiduciary net position as a percentage of the total pension liability	104.29%

Actuarial Assumptions. The total pension liability was determined by an actuarial valuation as of December 31, 2016 (rolled forward to December 31, 2017), using the following actuarial assumptions, applied to all periods included in the measurement:

Inflation	4% (price inflation of 2.5%)
Salary increases	4.0 to 11.0%, including inflation
Investment rate of return	7.0%

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

Mortality rates were based on the RP-2014 Combined Healthy Mortality Tables with 2-dimensional, fully generational improvements projected with the MP-2015 Mortality Improvement Scales.

The actuarial assumptions used in the December 31, 2016 valuation were based on the results of an actuarial experience study for the period January 1, 2008 to December 31, 2012.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of pension plan investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of December 31, 2017 (see the discussion of the pension plan's investment policy in Note 3) are summarized in the following table:

Asset Class	Target Allocation	Long-term Expected Real Rate of Return	Expected Money-Weighted Rate of Return
Core bonds	18.00%	2.74%	0.49%
Multi-sector fixed income	10.00%	3.60%	0.36%
Absolute return	5.00%	3.82%	0.19%
U.S. large cap equity	30.00%	7.53%	2.26%
U.S. small cap equity	10.00%	8.79%	0.88%
International developed equity	15.00%	8.51%	1.28%
Emerging market equity	5.00%	9.80%	0.49%
Core real estate	5.00%	5.91%	0.30%
Infrastructure	2.00%	9.00%	0.18%
Total	<u>100.00%</u>		6.43%
Inflation			2.50%
Risk adjustment			<u>-1.93%</u>
Investment rate of return			<u>7.00%</u>

Discount Rate. The discount rate used to measure the total pension liability was 7.0%. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that Plan contributions will be made at rates equal to the difference between actuarially determined contribution rates and the member rate. Based on those assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Notes to Financial Statements

Changes in the Net Pension Liability (Asset). The components of the change in the net pension liability (asset) are summarized as follows:

	Total Pension Liability (a)	Plan Fiduciary Net Position (b)	Net Pension Liability (Asset) (a) - (b)
Balances at December 31, 2016	\$ 832,554,668	\$ 788,089,260	\$ 44,465,408
Changes for the year:			
Service cost	16,899,725	-	16,899,725
Interest on total pension liability	57,510,730	-	57,510,730
Differences between expected and actual experience	(8,133,524)	-	(8,133,524)
Employer contributions	-	8,965,098	(8,965,098)
Employee contributions	-	9,275,253	(9,275,253)
Net investment income	-	130,100,983	(130,100,983)
Benefit payments	(38,366,716)	(38,366,716)	-
Administrative expenses	-	(665,347)	665,347
Refunds of contributions	(478,636)	(478,636)	-
Net changes	27,431,579	108,830,635	(81,399,056)
Balances at December 31, 2017	\$ 859,986,247	\$ 896,919,895	\$ (36,933,648)

Sensitivity of the Net Pension Asset to Changes in the Discount Rate. The following presents the net pension asset of the County, calculated using the discount rate of 7.0%, as well as what the County's net pension asset would be if it were calculated using a discount rate that is 1-percentage point lower (6.0%) or 1-percentage point higher (8.0%) than the current rate:

	One Percent Decrease (6.0%)	Current Discount Rate (7.0%)	One Percent Increase (8.0%)
County's net pension liability (asset)	\$ 81,039,999	\$ (36,933,648)	\$(134,034,290)

5. RISK MANAGEMENT

The Plan is exposed to various risks of loss related to torts, errors and omissions. The Plan participates in the County of Kent, Michigan's risk management program for all of these exposures. The County's risk management program is primarily a self-insured program with reinsurance for amounts in excess of aggregate loss funds. The County estimates the liability for unpaid claims (including claims incurred but not reported) and allocates the cost to all appropriate entities and funds. There is no further exposure to the Plan that would require a liability to be recorded in the financial statements.

In addition, the Plan holds a fiduciary liability insurance policy to protect the Pension Board and County employees administering the Plan against allegations of breach of fiduciary responsibility. The policy includes an aggregate claim limit of \$3,000,000.



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REQUIRED SUPPLEMENTARY INFORMATION

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Required Supplementary Information

Schedule of Changes in the County's Net Pension Liability (Asset) and Related Ratios

	Year Ended December 31,			
	2014	2015	2016	2017
Total pension liability				
Service cost	\$ 16,145,491	\$ 15,924,610	\$ 16,888,031	\$ 16,899,725
Interest on total pension liability	49,676,858	51,987,575	54,926,464	57,510,730
Benefit changes	-	(476,713)	(185,975)	-
Difference between expected and actual experience	-	(8,805,534)	12,418,940	(8,133,524)
Assumption changes	-	27,445,379	-	-
Benefit payments	(31,099,736)	(33,243,393)	(35,536,696)	(38,366,716)
Refunds of contributions	(582,890)	(477,321)	(725,789)	(478,636)
Distribution to Gerald R. Ford International Airport Authority	-	-	(19,162,598)	-
Net change in total pension liability	34,139,723	52,354,603	28,622,377	27,431,579
Total pension liability, beginning of year	717,437,965	751,577,688	803,932,291	832,554,668
Total pension liability, end of year	751,577,688	803,932,291	832,554,668	859,986,247
Plan fiduciary net position				
Employer contributions	8,929,617	8,858,387	7,153,893	8,965,098
Employee contributions	9,209,179	9,364,823	9,131,552	9,275,253
Net investment income (loss)	47,055,073	(1,703,474)	55,834,348	130,100,983
Benefit payments	(31,099,736)	(33,243,393)	(35,536,696)	(38,366,716)
Administrative expenses	(745,779)	(600,482)	(574,511)	(665,347)
Refunds of contributions	(582,890)	(477,321)	(725,789)	(478,636)
Distribution to Gerald R. Ford International Airport Authority	-	-	(19,162,598)	-
Net change in plan fiduciary net position	32,765,464	(17,801,460)	16,120,199	108,830,635
Plan fiduciary net position, beginning of year	757,005,057	789,770,521	771,969,061	788,089,260
Plan fiduciary net position, end of year	789,770,521	771,969,061	788,089,260	896,919,895
County's net pension liability (asset)	\$(38,192,833)	\$ 31,963,230	\$ 44,465,408	\$(36,933,648)
Plan fiduciary net position as a percentage of total pension liability	105.08%	96.02%	94.66%	104.29%
Covered payroll ⁽¹⁾	\$ 91,944,708	\$ 90,602,575	\$ 96,286,815	\$ 88,577,675
County's net pension liability (asset) as a percentage of covered payroll	-41.54%	35.28%	46.18%	-41.70%

⁽¹⁾ Valuation payroll as of the previous year ended December 31

Note: GASB 67 was implemented in 2014. This schedule is being built prospectively. Ultimately, 10 years of data will be presented.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Required Supplementary Information

Schedule of the County's Net Pension Liability

Year Ended December 31,	Total Pension Liability	Plan Fiduciary Net Position	Net Pension Liability (Asset)	Plan Fiduciary Net Position as Percentage of Total Pension Liability	Covered Payroll ⁽¹⁾	Net Pension Liability (Asset) as Percentage of Covered Payroll
2014	\$ 751,577,688	\$ 789,770,521	\$ (38,192,833)	105.08%	\$ 91,944,708	-41.54%
2015	803,932,291	771,969,061	31,963,230	96.02%	90,602,575	35.28%
2016	832,554,668	788,089,260	44,465,408	94.66%	96,286,815	46.18%
2017	859,986,247	896,919,895	(36,933,648)	104.29%	88,577,675	-41.70%

⁽¹⁾ Valuation payroll as of the previous year ended December 31

Note: GASB 67 was implemented in 2014. This schedule is being built prospectively. Ultimately, 10 years of data will be presented.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Required Supplementary Information Schedule of County Contributions

Year Ended December 31,	Actuarially ⁽²⁾ Determined Contribution	Actual Contribution	Contribution Deficiency (Excess)	Covered Payroll	Actual Contribution as Percentage of Covered Payroll
2008	\$ 5,555,541	\$ 5,555,541	\$ -	\$ 93,308,014	5.95%
2009	5,006,344	5,006,344	-	94,508,103	5.30%
2010	6,747,873	6,747,873	-	92,487,613	7.30%
2011	8,412,960	8,412,960	-	90,889,046	9.26%
2012	8,547,559	8,547,559	-	91,209,371	9.37%
2013	9,741,061	9,741,061	-	91,944,708	10.59%
2014	8,929,617	8,929,617	-	90,602,575	9.86%
2015	8,858,387	8,858,387	-	96,286,815	9.20%
2016	7,153,893	7,153,893	-	88,577,675	8.08%
2017	8,965,098	8,965,098	-	91,815,718	9.76%

⁽²⁾ The actuarially determined contribution was calculated based on projected covered payroll. Employer contributions were made in full based on actual covered payroll. Accordingly, the actuarially-determined contribution has been expressed above as a percentage of actual payroll.

Notes to Schedule of Contributions

Valuation Date Actuarially determined contribution rates are calculated as of December 31, which is 12 months prior to the beginning of the fiscal year in which contributions are reported. The actuarial assumptions noted below relate to the most recent valuation, dated December 31, 2017. Changes in assumptions have been identified where applicable.

Methods and assumptions used to determine contribution rates:

Actuarial cost method	Entry-age normal
Amortization method	Level percentage of payroll, closed
Remaining amortization period	23 years
Asset valuation method	4-year smoothed market
Inflation	4.0%
Salary increases	4.0%-11.0%, including inflation
Investment rate of return	7.0%
Retirement age	Experience-based table of rates that are specific to the type of eligibility condition. Last updated for the 2013 valuation pursuant to the January 1, 2008 - December 31, 2012 experience study
Mortality	The RP-2014 Mortality Tables with 2-dimensional, fully generational improvements projected with the MP-2015 Mortality Improvement Scales (In the 2014 and prior valuations, the RP-2000 Combined Healthy Mortality Table for males and females projected to the year 2017 using Scale BB with a margin for future mortality improvement was used)
Cost-of-living adjustment	Varies from 1% to 3%, depending on union

Other Information

Notes The employer contribution for FY 2017 was determined in the December 31, 2015 actuarial valuation.

KENT COUNTY EMPLOYEES' RETIREMENT PLAN

Required Supplementary Information

Schedule of Investment Returns

Year Ended December 31,	Annual Return ⁽³⁾
2014	6.34%
2015	-0.31%
2016	7.37%
2017	16.68%

⁽³⁾ Annual money-weighted rate of return, net of investment expenses

Note: GASB 67 was implemented in 2014. This schedule is being built prospectively. Ultimately, 10 years of data will be presented.

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INTERNAL CONTROL AND COMPLIANCE

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INDEPENDENT AUDITORS' REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE WITH *GOVERNMENT AUDITING STANDARDS*

June 13, 2018

Members of the Pension Board of the
Kent County Employees' Retirement Plan
Grand Rapids, Michigan

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the *Kent County Employees' Retirement Plan* (the "Plan", a pension trust fund of the County of Kent, Michigan), as of and for the year ended December 31, 2017, and the related notes to the financial statements, which collectively comprise the Plan's basic financial statements, and have issued our report thereon dated June 13, 2018.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Plan's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, we do not express an opinion on the effectiveness of the Plan's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the preceding paragraph and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Plan's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Plan's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the entity's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Rehmann Loborn LLC