



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
TOWNSHIP BOARD – REGULAR MEETING
July 9, 2019 6:00 pm

1. CALL MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS
3. ROLL CALL
4. PRESENTATION
 - A. Recognition-242 Church
 - B. Introduction of New Police Officer-David Reinke
 - C. 2018 Annual Actuarial Valuation Report-MERS

5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS*
6. TOWNSHIP MANAGER REPORT
7. BOARD MEMBER REPORTS OF ACTIVITIES AND ANNOUNCEMENTS
8. APPROVAL OF AGENDA
9. CONSENT AGENDA
 - A. Communications
 - B. Minutes-June 18, 2019 Regular Meeting
 - C. Bills

10. QUESTIONS FOR THE ATTORNEY
11. HEARINGS (CANARY)
 - A. Whitehills Lakes #7 Public Streetlighting Improvement S.A.D. #428

12. ACTION ITEMS (PINK)
 - A. Rezoning #19050 (Fedewa Builders)-**Final Adoption**
 - B. Recreational Marihuana-**Final Adoption**
 - C. Mixed Use Planned Unit Development #19024 (Village of Okemos)
 - D. Special Use Permit #19051 (Village of Okemos)
 - E. Annual Review of Meridian Township Investment Policy
 - F. 2018 Downtown Development Authority Annual Report

13. BOARD DISCUSSION ITEMS (ORCHID)
 - A. Whitehills Lakes #7 Public Streetlighting Improvement S.A.D. #428

14. COMMENTS FROM THE PUBLIC
15. OTHER MATTERS AND BOARD MEMBER COMMENTS
16. ADJOURNMENT
17. POSTSCRIPT-KATHY ANN SUNDLAND

All comments limited to 3 minutes, unless prior approval for additional time for good cause is obtained from the Supervisor.
Appointment of Supervisor Pro Tem and/ or Temporary Clerk if necessary.

Individuals with disabilities requiring auxiliary aids or services should contact the Meridian Township Board by contacting:
Township Manager Frank L. Walsh, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4258 - Ten Day Notice is Required.
Meeting Location: 5151 Marsh Road, Okemos, MI 48864 Township Hall



**MERIDIAN TOWNSHIP
RESOLUTION OF APPRECIATION
242 COMMUNITY CHURCH**

4. A

Resolution

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 9th day of July, 2019, at 6:00 p.m. local time.

PRESENT: _____

ABSENT: _____

The following Resolution was offered by _____ and supported by _____.

WHEREAS, the 242 Community Church have become loyal supporters of the Celebrate Meridian Festival; and

WHEREAS, the 242 Community Church provided 65 (sixty-five) volunteers and passed out 900 bottles of water at the 2018 Celebrate Meridian Festival; and

WHEREAS, the 242 Community Church provided 80 (eighty) volunteers and passed out 4,600 bottles of water at the 2019 Celebrate Meridian Festival; and

WHEREAS, the 242 Community Church volunteers performed tasks at Celebrate Meridian such as leading games in the Children’s Activity Area, working the bike valet, selling activity wristbands, monitoring the Car Show Cruise, and cleaning up trash; and

WHEREAS, 20 (twenty) volunteers from 242 Community Church also participated in the 2019 Love A Park Day in which they beautified Hillbrook Park; and

WHEREAS, the estimated total volunteers hours of the 242 Community Church in 2018 and 2019 is 450 hours; and

WHEREAS, the in kind value of the 242 Community Church’s 450 volunteer hours is calculated to be \$11,444; and

NOW, THEREFORE, BE IT RESOLVED BY THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN, THAT THE 242 COMMUNITY CHURCH IS PRESENTED WITH THIS RESOLUTION OF APPRECIATION FOR THEIR OUTSTANDING COMMITMENT TO VOLUNTEER SERVICE THAT HAS MADE A SIGNIFICANT IMPACT OF THE QUALITY OF LIFE IN THE MERIDIAN TOWNSHIP COMMUNITY.

ADOPTED: YEAS:
 NAYS:
STATE OF MICHIGAN)
) ss:
COUNTY OF INGHAM)

I, the undersigned, the duly qualified and acting Clerk for the Charter Township of Meridian, Ingham County, Michigan, do hereby certify that the foregoing is a true and complete copy of a resolution adopted at a regular meeting of the Township Board on the 9th day of July 2019.

Brett Dreyfus, CMMC
Township Clerk



Municipal Employees' Retirement System of Michigan

Annual Actuarial Valuation Report
December 31, 2018 - Meridian Chtr Twp (3315)





Spring, 2019

Meridian Chtr Twp

In care of:
Municipal Employees' Retirement System of Michigan
1134 Municipal Way
Lansing, Michigan 48917

This report presents the results of the Annual Actuarial Valuation, prepared for Meridian Chtr Twp (3315) as of December 31, 2018. The report includes the determination of liabilities and contribution rates resulting from the participation in the Municipal Employees' Retirement System of Michigan ("MERS"). This report contains the minimum actuarially determined contribution requirement, in alignment with the MERS Plan Document, Actuarial Policy, and the Michigan Constitution and governing statutes. Meridian Chtr Twp is responsible for the employer contributions needed to provide MERS benefits for its employees and former employees.

The purposes of this valuation are to:

- Measure funding progress as of December 31, 2018,
- Establish contribution requirements for the fiscal year beginning January 1, 2020,
- Provide information regarding the identification and assessment of risk,
- Provide actuarial information in connection with applicable Governmental Accounting Standards Board (GASB) statements, and
- Provide information to assist the local unit of government with state reporting requirements.

This valuation assumed the continuing ability of the plan sponsor to make the contributions necessary to fund this plan. A determination regarding whether or not the plan sponsor is actually able to do so is outside our scope of expertise and was not performed.

The findings in this report are based on data and other information through December 31, 2018. The valuation was based upon information furnished by MERS concerning Retirement System benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We checked for internal reasonability and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by MERS.

The Municipal Employees' Retirement Act, PA 427 of 1984 and the MERS' Plan Document Article VI sec. 71 (1)(d), provides the MERS Board with the authority to set actuarial assumptions and methods after consultation with the actuary. As the fiduciary of the plan, MERS Retirement Board sets certain assumptions for funding and GASB purposes. These assumptions are checked regularly through a comprehensive study, called an Experience Study. The most recent study was completed in 2015, as prepared by the prior actuary, and is the basis of the assumptions and methods currently in place. **At the February 28, 2019 board meeting, the MERS Retirement Board adopted new economic assumptions effective with the December 31, 2019 annual actuarial valuation, which will impact contributions beginning in 2021.** An illustration of the potential impact is found in this report.

The Michigan Department of Treasury provides required assumptions to be used for purposes of Public Act 202 reporting. These assumptions are for reporting purposes only and do not impact required contributions. Please refer to the State Reporting page found at the end of this report for information for this filing.

For a full list of all the assumptions used, please refer to the division-specific assumptions described in table(s) in this report, and to the Appendix on the MERS website at:
<http://www.mersofmich.com/Portals/0/Assets/Resources/AAV-Appendix/MERS-2018AnnualActuarialValuation-Appendix.pdf>.

The actuarial assumptions used for this valuation are reasonable for purposes of the measurement.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of Meridian Chtr Twp as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, with the Actuarial Standards of Practice issued by the Actuarial Standards Board, and with applicable statutes.

David T. Kausch, Rebecca L. Stouffer, and Mark Buis are members of the American Academy of Actuaries. These actuaries meet the Academy's Qualification Standards to render the actuarial opinions contained herein. The signing actuaries are independent of the plan sponsor. GRS maintains independent consulting agreements with certain local units of government for services unrelated to the actuarial consulting services provided in this report.

The Retirement Board of the Municipal Employees' Retirement System of Michigan confirms that the System provides for payment of the required employer contribution as described in Section 20m of Act No. 314 of 1965 (MCL 38.1140m).

This information is purely actuarial in nature. It is not intended to serve as a substitute for legal, accounting or investment advice.



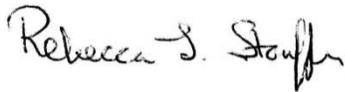
This report was prepared at the request of the MERS Retirement Board and may be provided only in its entirety by the municipality to other interested parties (MERS customarily provides the full report on request to associated third parties such as the auditor for the municipality). GRS is not responsible for the consequences of any unauthorized use. This report should not be relied on for any purpose other than the purposes described herein. Determinations of financial results, associated with the benefits described in this report, for purposes other than those identified above may be significantly different.

If you have reason to believe that the plan provisions are incorrectly described, that important plan provisions relevant to this valuation are not described, that conditions have changed since the calculations were made, that the information provided in this report is inaccurate or is in anyway incomplete, or if you need further information in order to make an informed decision on the subject matter in this report, please contact your Regional Manager at 1.800.767.MERS (6377).

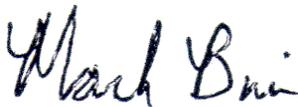
Sincerely,



David T. Kausch, FSA, FCA, EA, MAAA



Rebecca L. Stouffer, ASA, FCA, MAAA



Mark Buis, FSA, FCA, EA, MAAA



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Executive Summary

Funded Ratio

The funded ratio of a plan is the percentage of the dollar value of the actuarial accrued liability that is covered by the actuarial value of assets. While funding ratio may be a useful plan measurement, understanding a plan's funding trend may be more important than a particular point in time. Refer to Table 7 to find a history of this information.

	12/31/2018	12/31/2017
Funded Ratio*	63%	61%

* Reflects assets from Surplus divisions, if any.

There has been a change in actuary and actuarial software since the December 31, 2017 valuation. Throughout this report are references to valuation results generated prior to the 2018 valuation date. Results prior to 2018 were received directly from the prior actuary or extracted from the previous valuation system by MERS's technology service provider.

Required Employer Contributions:

Your required employer contributions are shown in the following table. Employee contributions, if any, are in addition to the employer contributions. Changes to the actuarial assumptions and methods based on the 2015 Experience Study are phased-in over a 5-year period. This valuation reflects the fourth year of the phase-in.

Your minimum required contribution is the amount in the “Phase-in” columns. By default, MERS will invoice you the phased-in contribution amount, but strongly encourages you to contribute more than the minimum required contribution. If you requested and have been billed using No Phase-in rates, your 2019 rates will continue to use the No Phase-in method. If you have been billed using the Phased-in rates and wish to change to rates based on No Phase-in, please contact MERS.

	Percentage of Payroll				Monthly \$ Based on Projected Payroll			
	Phase-in	No Phase-in	Phase-in	No Phase-in	Phase-in	No Phase-in	Phase-in	No Phase-in
Valuation Date:	12/31/2018	12/31/2018	12/31/2017	12/31/2017	12/31/2018	12/31/2018	12/31/2017	12/31/2017
Fiscal Year Beginning:	January 1, 2020	January 1, 2020	January 1, 2019	January 1, 2019	January 1, 2020	January 1, 2020	January 1, 2019	January 1, 2019
Division								
01 - DPW	-	-	-	-	\$ 9,878	\$ 10,172	\$ 8,592	\$ 9,180
02 - Police Patrol	24.59%	25.07%	21.60%	22.53%	38,272	39,012	34,452	35,932
05 - Firefighters	-	-	-	-	106,051	107,672	98,556	101,798
10 - Admin Professional	-	-	-	-	8,087	8,416	7,267	7,925
11 - Teamsters	13.97%	14.04%	13.48%	13.62%	1,022	1,027	947	957
12 - Admin Prof on/aft 1/1/17	4.15%	4.15%	5.59%	5.59%	853	853	819	819
13 - DPW on/aft 01/1/17	2.97%	2.97%	2.87%	2.87%	668	668	458	458
20 - Police Command	62.12%	63.21%	58.22%	60.62%	45,809	46,613	39,084	40,692
50 - Fire on/aft 1/1/17	1.63%	1.63%	0.00%	0.00%	216	216	0	0
Municipality Total					\$ 210,856	\$ 214,649	\$ 190,175	\$ 197,761

Employee contribution rates:

Valuation Date:	Employee Contribution Rate	
	12/31/2018	12/31/2017
Division		
01 - DPW	5.00%	5.00%
02 - Police Patrol	8.29%	8.29%
05 - Firefighters	7.76%	7.76%
10 - Admin Professional	5.00%	5.00%
11 - Teamsters	5.00%	5.00%
12 - Admin Prof on/aft 1/1/17	5.00%	5.00%
13 - DPW on/aft 01/1/17	5.00%	5.00%
20 - Police Command	11.24%	11.24%
50 - Fire on/aft 1/1/17	7.76%	7.76%

The employer may contribute more than the minimum required contributions, as these additional contributions will earn investment income and may result in lower future contribution requirements. Employers making contributions in excess of the minimum requirements may elect to apply the excess contribution immediately to a particular division, or segregate the excess into one or more of what MERS calls “Surplus” divisions. An election in the first case would immediately reduce any unfunded accrued liability and lower the amortization payments throughout the remaining amortization period. An election to set up Surplus divisions would not immediately lower future contributions, however the assets from the Surplus division could be transferred to an unfunded division in the future to reduce the unfunded liability in future years, or to be used to pay all or a portion of the minimum required contribution in a future year. For purposes of this report, the assets in any Surplus division have been included in the municipality’s total assets, unfunded accrued liability and funded status, however, these assets are not used in calculating the minimum required contribution.

MERS strongly encourages employers to contribute more than the minimum contribution shown above.

Assuming that experience of the plan meets actuarial assumptions:

- To accelerate to a 100% funding ratio in 10 years, estimated monthly employer contributions for the fiscal year beginning in 2020 for the entire employer would be \$327,993, instead of \$214,649.

How and Why Do These Numbers Change?

In a defined benefit plan contributions vary from one annual actuarial valuation to the next as a result of the following:

- Changes in benefit provisions (see Table 2)
- Changes in actuarial assumptions and methods (see the Appendix)
- Experience of the plan (investment experience and demographic experience); this is the difference between actual experience of the plan and the actuarial assumptions.

Comments on Investment Rate of Return Assumption

A defined benefit plan is funded by employer contributions, participant contributions, and investment earnings. Investment earnings have historically provided **more than half** of the funding. The larger the share of benefits being provided from investment returns, the smaller the required contributions, and vice versa. Determining the contributions required to prefund the promised retirement benefits requires an assumption of what investment earnings are expected to add to the fund over a long period of time. This is called the **Investment Return Assumption**.

The MERS Investment Return Assumption is **7.75%** per year. This, along with all of our other actuarial assumptions, is reviewed at least every five years in an Experience Study that compares the assumptions used against actual experience and recommends adjustments if necessary. If your municipality would like to explore contributions at lower assumed investment return assumptions, please review the “what if” projection scenarios later in this report.

Assumption Change in 2019

At the February 28, 2019 board meeting, the MERS Retirement Board adjusted key economic assumptions. These assumptions, in particular the investment return assumption, have a significant effect on a plan's required contribution and funding level. Historically low interest rates, along with high equity market valuations, have led to reductions in projected returns for most asset classes. This has resulted in a Board adopted reduction in the investment rate of return assumption to 7.35%, effective with the December 31, 2019 valuation first impacting 2021 contributions. The Board also changed the assumed rate of wage inflation from 3.75% to 3.00%, with the same effective date. This report includes a "What If" scenario of 7.35%/3.00% in order to show the potential impact of this assumption change.

Comments on Asset Smoothing

To avoid dramatic spikes and dips in annual contribution requirements due to short term fluctuations in asset markets, MERS applies a technique called **asset smoothing**. This spreads out each year's investment gains or losses over the prior year and the following four years. This smoothing method is used to determine your actuarial value of assets (valuation assets), which is then used to determine both your funded ratio and your required contributions. The (smoothed) **actuarial rate of return for 2018 was 3.80%, while the actual market rate of return was (4.12)%**. To see historical details of the market rate of return, compared to the smoothed actuarial rate of return, refer to this report's Appendix, or view the "[How Smoothing Works](#)" video on the [Defined Benefit resource page](#) of the MERS website.

As of December 31, 2018 the actuarial value of assets is 110% of market value due to asset smoothing. This means that meeting the actuarial assumption in the next few years will require average annual market returns that exceed the 7.75% investment return assumption, or contribution requirements will continue to increase.

If the December 31, 2018 valuation results were based on market value instead of actuarial value:

- The funded percent of your entire municipality would be 57% (instead of 63%); and
- Your total employer contribution requirement for the fiscal year starting January 1, 2020 would be \$2,857,992 (instead of \$2,575,788)

Alternate Scenarios to Estimate the Potential Volatility of Results ("What If Scenarios")

The calculations in this report are based on assumptions about long-term economic and demographic behavior. These assumptions will never materialize in a given year, except by coincidence. Therefore the results will vary from one year to the next. The volatility of the results depends upon the characteristics of the plan. For example:

- Open divisions that have substantial assets compared to their active employee payroll will have more volatile employer contribution rates due to investment return fluctuations.
- Open divisions that have substantial accrued liability compared to their active employee payroll will have more volatile employer contribution rates due to demographic experience fluctuations.
- Small divisions will have more volatile contribution patterns than larger divisions because statistical fluctuations are relatively larger among small populations.
- Shorter amortization periods result in more volatile contribution patterns.

Many assumptions are important in determining the required employer contributions. In the following table, we show the impact of varying the Investment Return assumption and the Wage Inflation assumption. Lower investment returns would result in higher required employer contributions, and vice-versa. Lower wage inflation generally results in lower required employer contributions as a dollar amount in the long run, and vice versa.

The relative impact of each economic scenario below will vary from year to year, as the participant demographics change. The impact of each scenario should be analyzed for a given year, not from year to year. The results in the table are based on the December 31, 2018 valuation, and are for the municipality in total, not by division. These results do not reflect a 5-year phase in of the impact of the new actuarial assumptions.

It is important to note that calculations in this report are mathematical estimates based upon assumptions regarding future events, which may or may not materialize. Actuarial calculations can and do vary from one valuation to the next, sometimes significantly depending on the group's size. Projections are not predictions. Future valuations will be based on actual future experience.

The Retirement Board has adopted a change to the Investment Return Assumption from 7.75% to 7.35%, and the wage inflation from 3.75% to 3.00%. This change will be effective in the December 31, 2019 valuation which will impact the Fiscal Year 2021 contribution. The scenario shown using these assumptions as of December 31, 2018 is illustrative only. The actual impact of this change when reflected in the 2019 valuation will be different.

12/31/2018 Valuation Results	Assumed Future Annual Smoothed Rate of Investment Return		
	Lower Future Annual Returns	Adopted 2019 Assumption	Valuation Assumptions
Investment Return Assumption	5.75%	7.35%	7.75%
Wage Increase Assumption	3.75%	3.00%	3.75%
Accrued Liability	\$ 87,694,266	\$ 71,120,095	\$ 68,549,666
Valuation Assets ¹	\$ 43,010,072	\$ 43,010,072	\$ 43,010,072
Unfunded Accrued Liability	\$ 44,684,194	\$ 28,110,023	\$ 25,539,594
Funded Ratio	49%	60%	63%
Monthly Normal Cost	\$ 107,183	\$ 48,884	\$ 49,188
Monthly Amortization Payment	\$ 240,344	\$ 186,514	\$ 165,461
Total Employer Contribution²	\$ 347,527	\$ 235,398	\$ 214,649

¹ The Valuation Assets include assets from Surplus divisions, if any.

² If assets exceed accrued liabilities for a division, the division may have an overfunding credit to reduce the division's employer contribution requirement. If the overfunding credit is larger than the normal cost, the division's full credit is included in the municipality's amortization payment above but the division's total contribution requirement is zero. This can cause the displayed normal cost and amortization payment to not add up to the displayed total employer contribution.

Projection Scenarios

The next two pages show projections of the plan's funded ratio and computed employer contributions under the actuarial assumptions used in the valuation and alternate economic scenarios. All three projections take into account the past investment losses that will continue to affect the actuarial rate of return in the short term.

The 7.75%/3.75% scenario provides an estimate of computed employer contributions based on current actuarial assumptions, and a projected 7.75% market return. The other two scenarios may be useful if the municipality chooses to budget more conservatively, and make contributions in addition to the minimum requirements. The 7.35%/3.00% and 5.75%/3.75% projections provide an indication of the potential required employer contribution if these assumptions were met over the long-term.

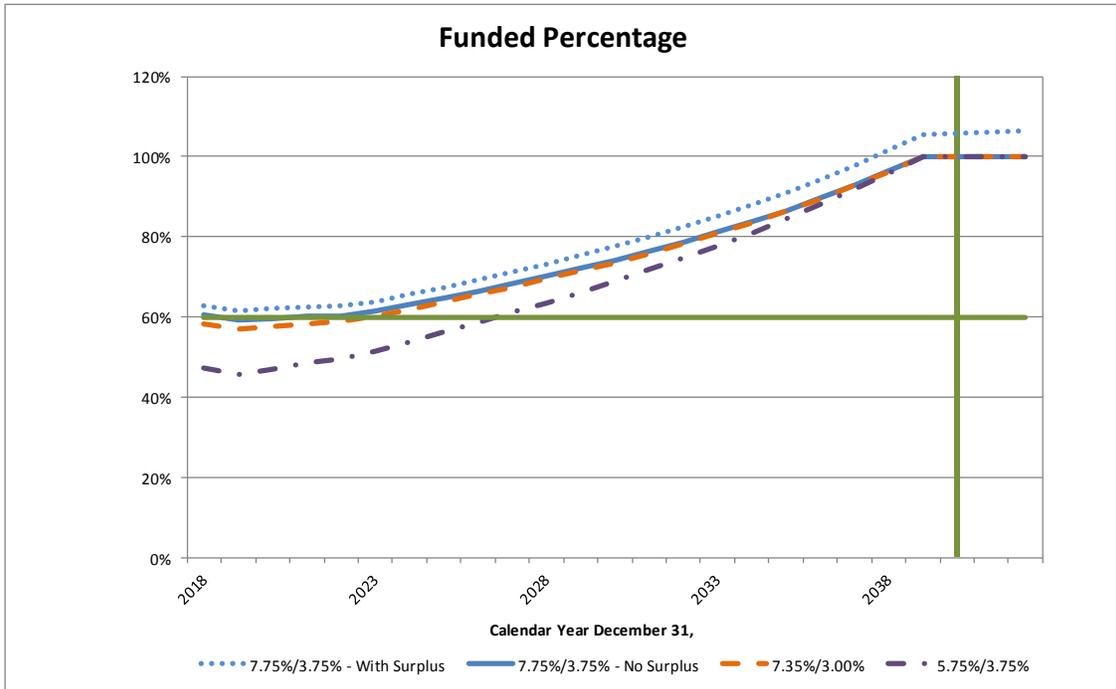
Your municipality includes one or more Surplus divisions. The assets in a Surplus division may be used to reduce future employer contributions or to accelerate the date by which the municipality becomes 100% funded. The timing and use of these Surplus assets is discretionary.

The Funded Percentage graph shows projections of funded status under the 7.75% investment return assumption, both including the Surplus assets (contributed as of the valuation date), and without the Surplus assets. The graph including the Surplus assets assumes these Surplus assets grow with interest and are not used to lower future employer contributions. We modeled the projections including the Surplus assets in this fashion because the use of these assets is discretionary by the employer and we do not know when and how the employer will use them. Once the employer uses these Surplus assets, any future employer contributions are expected to be lower than those shown in the projections.

Valuation Year Ending 12/31	Fiscal Year Beginning 1/1	Actuarial Accrued Liability	Valuation Assets ²	Funded Percentage	Computed Annual Employer Contribution
7.75%¹/3.75%					
NO 5-YEAR PHASE-IN					
2018	2020	\$ 68,549,666	\$ 41,441,352	60%	\$ 2,575,788
2019	2021	\$ 71,300,000	\$ 42,200,000	59%	\$ 2,800,000
2020	2022	\$ 74,000,000	\$ 44,200,000	60%	\$ 2,940,000
2021	2023	\$ 76,800,000	\$ 46,200,000	60%	\$ 3,100,000
2022	2024	\$ 79,600,000	\$ 48,000,000	60%	\$ 3,300,000
2023	2025	\$ 82,400,000	\$ 50,500,000	61%	\$ 3,440,000
7.35%¹/3.00%					
NO 5-YEAR PHASE-IN					
2018	2020	\$ 71,120,095	\$ 41,441,352	58%	\$ 2,824,776
2019	2021	\$ 73,800,000	\$ 42,000,000	57%	\$ 3,040,000
2020	2022	\$ 76,400,000	\$ 44,100,000	58%	\$ 3,170,000
2021	2023	\$ 79,100,000	\$ 46,200,000	58%	\$ 3,310,000
2022	2024	\$ 81,700,000	\$ 48,000,000	59%	\$ 3,500,000
2023	2025	\$ 84,300,000	\$ 50,600,000	60%	\$ 3,610,000
5.75%¹/3.75%					
NO 5-YEAR PHASE-IN					
2018	2020	\$ 87,694,266	\$ 41,441,352	47%	\$ 4,170,324
2019	2021	\$ 90,900,000	\$ 41,400,000	46%	\$ 4,470,000
2020	2022	\$ 94,200,000	\$ 44,300,000	47%	\$ 4,650,000
2021	2023	\$ 97,400,000	\$ 47,200,000	48%	\$ 4,850,000
2022	2024	\$ 100,600,000	\$ 49,700,000	49%	\$ 5,110,000
2023	2025	\$ 103,800,000	\$ 53,500,000	52%	\$ 5,270,000

¹ Represents both the interest rate for discounting liabilities and the future investment return assumption on the Market Value of assets.

² Valuation Assets do not include assets from Surplus divisions, if any.

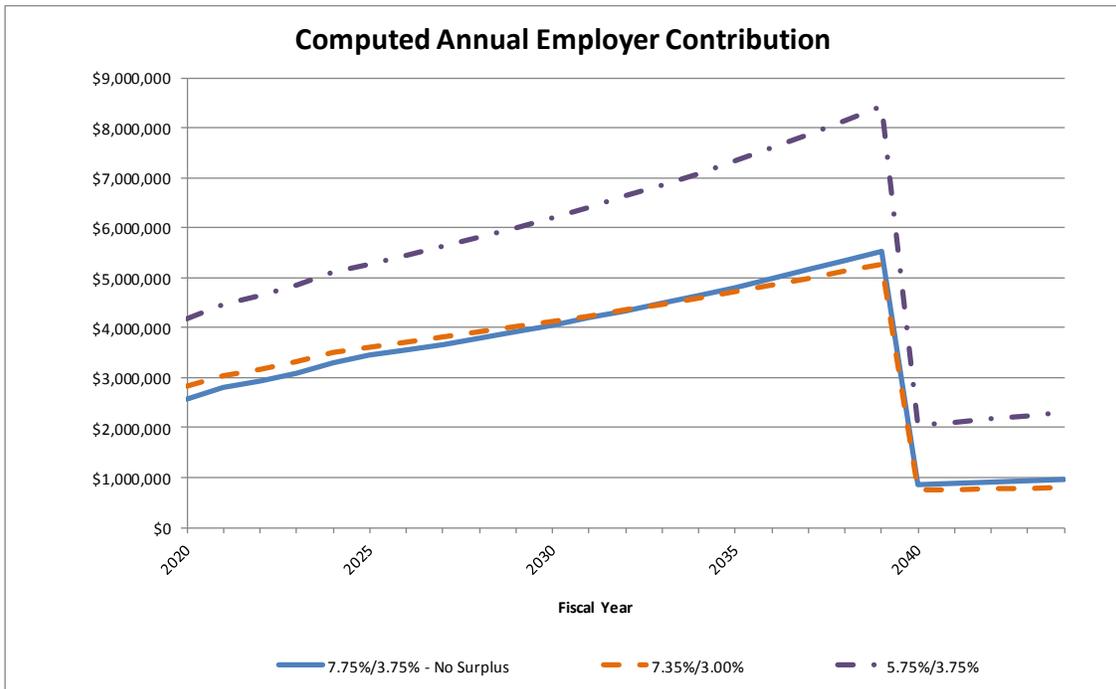


Notes:

All projected funded percentages are shown with no phase-in.

Assumes assets from Surplus divisions will not be used to lower employer contributions during the projection period.

The green indicator lines have been added at 60% funded and 22 years following the valuation date for PA 202 purposes.



Notes:

All projected contributions are shown with no phase-in.

Projected employer contributions do not reflect the use of any assets from the Surplus divisions.

Table 1: Employer Contribution Details For the Fiscal Year Beginning January 1, 2020

Division	Total Normal Cost	Employee Contribut. Rate	Employer Contributions ¹			Computed Employer Contribut. With Phase-In	Blended ER Rate No Phase-In ⁵	Blended ER Rate With Phase-In ⁵	Employee Contribut. Conversion Factor ²
			Employer Normal Cost	Payment of the Unfunded Accrued Liability ⁴	Computed Employer Contribut. No Phase-In				
Percentage of Payroll									
01 - DPW	11.74%	5.00%	-	-	-	-	12.17%	11.84%	
02 - Police Patrol	19.49%	8.29%	11.20%	13.87%	25.07%	24.59%			0.80%
05 - Firefighters	16.84%	7.76%	-	-	-	-	57.90%	57.03%	
10 - Admin Professional	11.26%	5.00%	-	-	-	-	13.50%	13.02%	
11 - Teamsters	11.33%	5.00%	6.33%	7.71%	14.04%	13.97%			0.89%
12 - Admin Prof on/aft 1/1/17	9.37%	5.00%	4.37%	-0.22%	4.15%	4.15%	13.50%	13.02%	0.85%
13 - DPW on/aft 01/1/17	7.87%	5.00%	2.87%	0.10%	2.97%	2.97%	12.17%	11.84%	0.87%
20 - Police Command	19.81%	11.24%	8.57%	54.64%	63.21%	62.12%			0.71%
50 - Fire on/aft 1/1/17	9.39%	7.76%	1.63%	0.00%	1.63%	1.63%	57.90%	57.03%	0.79%
Estimated Monthly Contribution³									
01 - DPW			\$ 4,488	\$ 5,684	\$ 10,172	\$ 9,878			
02 - Police Patrol			17,427	21,585	39,012	38,272			
05 - Firefighters			15,717	91,955	107,672	106,051			
10 - Admin Professional			3,014	5,402	8,416	8,087			
11 - Teamsters			463	564	1,027	1,022			
12 - Admin Prof on/aft 1/1/17			898	(45)	853	853			
13 - DPW on/aft 01/1/17			645	23	668	668			
20 - Police Command			6,320	40,293	46,613	45,809			
50 - Fire on/aft 1/1/17			216	0	216	216			
Total Municipality			\$ 49,188	\$ 165,461	\$ 214,649	\$ 210,856			
Estimated Annual Contribution³			\$ 590,256	\$ 1,985,532	\$ 2,575,788	\$ 2,530,272			

¹ The above employer contribution requirements are in addition to the employee contributions, if any.

² If employee contributions are increased/decreased by 1.00% of pay, the employer contribution requirement will decrease/increase by the Employee Contribution Conversion Factor. The conversion factor is usually under 1%, because employee contributions may be refunded at termination of employment, and not used to fund retirement pensions. Employer contributions will all be used to fund pensions.

³ For divisions that are open to new hires, estimated contributions are based on projected fiscal year payroll. Actual contributions will be based on actual reported monthly pays, and will be different from the above amounts. For divisions that will have no new hires (i.e., closed divisions), invoices will be based on the above dollar

amounts which are based on projected fiscal year payroll. See description of Open Divisions and Closed Divisions in the Appendix.

⁴ Note that if the overfunding credit is larger than the normal cost, the full credit is shown above but the total contribution requirement is zero. This will cause the displayed normal cost and unfunded accrued liability contributions to not add across.

⁵ For linked divisions, the employer will be invoiced the Computed Employer Contribution with Phase-in rate shown above for each linked division (a contribution rate for the open division; a contribution dollar for the closed-but-linked division), unless the employer elects to contribute the Blended Employer Contribution rate shown above, by contacting MERS at 800-767-MERS (6377).

Please see the Comments on Asset Smoothing in the Executive Summary of this report.

Table 2: Benefit Provisions

01 - DPW: Closed to new hires, linked to Division 13

	2018 Valuation	2017 Valuation
Benefit Multiplier:	2.25% Multiplier (80% max)	2.25% Multiplier (80% max)
Normal Retirement Age:	60	60
Vesting:	6 years	6 years
Early Retirement (Unreduced):	55/20	55/20
Early Retirement (Reduced):	50/25 55/15	50/25 55/15
Final Average Compensation:	5 years	5 years
Employee Contributions:	5.00%	5.00%
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

02 - Police Patrol: Open Division

	2018 Valuation	2017 Valuation
Benefit Multiplier:	2.75% Multiplier (80% max)	2.75% Multiplier (80% max)
Normal Retirement Age:	60	60
Vesting:	10 years	10 years
Early Retirement (Unreduced):	50/25	50/25
Early Retirement (Reduced):	55/15	55/15
Final Average Compensation:	3 years	3 years
COLA for Future Retirees:	2.50% (Non-Compound)	2.50% (Non-Compound)
Employee Contributions:	8.29%	8.29%
D-2:	D2 (25%)	D2 (25%)
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

05 - Firefighters: Closed to new hires, linked to Division 50

	2018 Valuation	2017 Valuation
Benefit Multiplier:	Bridged Benefit: 2.75% Multiplier (80% max) Termination FAC; 2.50% Multiplier (80% max)	Bridged Benefit: 2.75% Multiplier (80% max) Termination FAC; to 2.50% Multiplier (80% max)
Bridged Benefit Date:	12/31/2016	12/31/2016
Normal Retirement Age:	60	60
Vesting:	10 years	10 years
Early Retirement (Unreduced):	50/25	50/25
Early Retirement (Reduced):	55/15	55/15
Final Average Compensation:	3 years	3 years
COLA for Future Retirees:	2.50% (Non-Compound)	2.50% (Non-Compound)
Employee Contributions:	7.76%	7.76%
D-2:	D2 (25%)	D2 (25%)
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

10 - Admin Professional: Closed to new hires, linked to Division 12

	2018 Valuation	2017 Valuation
Benefit Multiplier:	Bridged Benefit:2.50% Multiplier (80% max) Termination FAC;2.25% Multiplier (80% max)	Bridged Benefit: 2.50% Multiplier (80% max) Termination FAC; to 2.25% Multiplier (80% max)
Bridged Benefit Date:	12/31/2016	12/31/2016
Normal Retirement Age:	60	60
Vesting:	10 years	10 years
Early Retirement (Unreduced):	55/25	55/25
Early Retirement (Reduced):	50/25 55/15	50/25 55/15
Final Average Compensation:	5 years	5 years
Employee Contributions:	5.00%	5.00%
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

11 - Teamsters: Open Division

	2018 Valuation	2017 Valuation
Benefit Multiplier:	2.00% Multiplier (no max)	2.00% Multiplier (no max)
Normal Retirement Age:	60	60
Vesting:	6 years	6 years
Early Retirement (Unreduced):	55/20	55/20
Early Retirement (Reduced):	50/25 55/15	50/25 55/15
Final Average Compensation:	5 years	5 years
Employee Contributions:	5.00%	5.00%
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

12 - Admin Prof on/aft 1/1/17: Open Division, linked to Division 10

	2018 Valuation	2017 Valuation
Benefit Multiplier:	1.50% Multiplier (no max)	1.50% Multiplier (no max)
Normal Retirement Age:	60	60
Vesting:	10 years	10 years
Early Retirement (Unreduced):	55/25	55/25
Early Retirement (Reduced):	50/25 55/15	50/25 55/15
Final Average Compensation:	5 years	5 years
Employee Contributions:	5.00%	5.00%
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

13 - DPW on/aft 01/1/17: Open Division, linked to Division 01

	2018 Valuation	2017 Valuation
Benefit Multiplier:	1.50% Multiplier (80% max)	1.50% Multiplier (80% max)
Normal Retirement Age:	60	60
Vesting:	6 years	6 years
Early Retirement (Unreduced):	55/20	55/20
Early Retirement (Reduced):	50/25 55/15	50/25 55/15
Final Average Compensation:	5 years	5 years
Employee Contributions:	5.00%	5.00%
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

20 - Police Command: Open Division

	2018 Valuation	2017 Valuation
Benefit Multiplier:	2.75% Multiplier (80% max)	2.75% Multiplier (80% max)
Normal Retirement Age:	60	60
Vesting:	10 years	10 years
Early Retirement (Unreduced):	50/25	50/25
Early Retirement (Reduced):	55/15	55/15
Final Average Compensation:	3 years	3 years
COLA for Future Retirees:	2.50% (Non-Compound)	2.50% (Non-Compound)
Employee Contributions:	11.24%	11.24%
D-2:	D2 (25%)	D2 (25%)
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

50 - Fire on/aft 1/1/17: Open Division, linked to Division 05

	2018 Valuation	2017 Valuation
Benefit Multiplier:	1.75% Multiplier (no max)	1.75% Multiplier (no max)
Normal Retirement Age:	60	60
Vesting:	10 years	10 years
Early Retirement (Unreduced):	55/25	55/25
Early Retirement (Reduced):	50/25 55/15	50/25 55/15
Final Average Compensation:	3 years	3 years
Employee Contributions:	7.76%	7.76%
D-2:	D2 (25%)	D2 (25%)
Act 88:	Yes (Adopted 7/10/2001)	Yes (Adopted 7/10/2001)

Table 3: Participant Summary

Division	2018 Valuation		2017 Valuation		2018 Valuation		
	Number	Annual Payroll ¹	Number	Annual Payroll ¹	Average Age	Average Benefit Service ²	Average Eligibility Service ²
01 - DPW							
Active Employees	18	\$ 840,383	18	\$ 851,342	45.1	11.8	12.1
Vested Former Employees	4	39,192	5	43,156	49.4	10.9	10.9
Retirees and Beneficiaries	19	313,900	17	310,015	67.5		
02 - Police Patrol							
Active Employees	29	\$ 1,734,688	28	\$ 1,777,631	35.1	8.8	9.6
Vested Former Employees	10	144,600	10	144,600	45.6	8.9	13.9
Retirees and Beneficiaries	14	573,362	12	471,601	58.5		
05 - Firefighters							
Active Employees	31	\$ 2,019,738	32	\$ 2,033,490	42.7	14.4	14.6
Vested Former Employees	3	84,849	3	63,358	51.2	15.4	15.9
Retirees and Beneficiaries	29	1,476,058	29	1,446,955	62.7		
10 - Admin Professional							
Active Employees	15	\$ 617,920	17	\$ 673,625	48.5	12.8	13.3
Vested Former Employees	11	94,287	10	64,680	52.3	9.9	16.8
Retirees and Beneficiaries	12	251,854	11	246,014	70.0		
11 - Teamsters							
Active Employees	1	\$ 81,544	1	\$ 78,313	62.7	16.6	16.6
Vested Former Employees	0	0	0	0	0.0	0.0	0.0
Retirees and Beneficiaries	5	137,161	5	137,161	71.2		
12 - Admin Prof on/aft 1/1/17							
Active Employees	4	\$ 147,733	2	\$ 77,819	43.8	0.9	4.8
Vested Former Employees	0	0	0	0	0.0	0.0	0.0
Retirees and Beneficiaries	0	0	0	0	0.0		
13 - DPW on/aft 01/1/17							
Active Employees	4	\$ 152,299	3	\$ 83,530	38.1	1.4	1.4
Vested Former Employees	0	0	0	0	0.0	0.0	0.0
Retirees and Beneficiaries	0	0	0	0	0.0		
20 - Police Command							
Active Employees	10	\$ 822,149	9	\$ 748,325	43.5	17.7	17.9
Vested Former Employees	0	0	0	0	0.0	0.0	0.0
Retirees and Beneficiaries	14	710,502	12	581,640	59.6		
50 - Fire on/aft 1/1/17							
Active Employees	2	\$ 57,481	0	\$ 0	29.3	0.6	0.6
Vested Former Employees	0	0	0	0	0.0	0.0	0.0
Retirees and Beneficiaries	0	0	0	0	0.0		
Total Municipality							
Active Employees	114	\$ 6,473,935	110	\$ 6,324,075	41.8	11.5	12.0
Vested Former Employees	28	362,928	28	315,794	49.4	10.3	14.8
Retirees and Beneficiaries	93	3,462,837	86	3,193,386	64.0		
Total Participants	235		224				

¹ Annual payroll for active employees; annual deferred benefits payable for vested former employees; annual benefits being paid for retirees and beneficiaries.

² Descriptions can be found under Miscellaneous and Technical Assumptions in the Appendix.

Table 4: Reported Assets (Market Value)

Division	2018 Valuation		2017 Valuation	
	Employer and Retiree ¹	Employee ²	Employer and Retiree ¹	Employee ²
01 - DPW	\$ 3,812,991	\$ 258,311	\$ 4,201,624	\$ 210,749
02 - Police Patrol	8,130,100	1,585,250	8,870,200	1,778,404
05 - Firefighters	10,437,088	2,229,418	11,340,457	2,024,531
10 - Admin Professional	2,931,342	323,308	3,211,011	283,535
11 - Teamsters	1,249,679	25,209	1,345,901	20,591
12 - Admin Prof on/aft 1/1/17	8,787	8,094	1,949	1,922
13 - DPW on/aft 01/1/17	5,242	10,785	1,794	3,365
20 - Police Command	5,657,012	1,154,302	5,552,763	1,159,275
50 - Fire on/aft 1/1/17	1,061	6,190	0	0
S1 - Surplus Assoc Fire	716,087	0	0	0
S2 - Surplus Assoc Police	716,087	0	0	0
Municipality Total³	\$ 33,665,475	\$ 5,600,867	\$ 34,525,699	\$ 5,482,372
Combined Assets³	\$39,266,342		\$40,008,071	

¹ Reserve for Employer Contributions and Benefit Payments.

² Reserve for Employee Contributions.

³ Totals may not add due to rounding.

The December 31, 2018 valuation assets (actuarial value of assets) are equal to 1.095342 times the reported market value of assets (compared to 1.011321 as of December 31, 2017). Refer to the Appendix for a description of the valuation asset derivation and a detailed calculation of valuation assets.

Assets in the Surplus division(s) are employer assets that have been reserved to be used by the employer at some point in the future to stabilize increases in contributions. These assets are not used in calculating the employer contribution for the fiscal year beginning January 1, 2020.

Table 5: Flow of Valuation Assets

Year Ended 12/31	Employer Contributions		Employee Contributions	Investment Income (Valuation Assets)	Benefit Payments	Employee Contribution Refunds	Net Transfers	Valuation Asset Balance
	Required	Additional						
2008	\$ 1,450,200		\$ 501,174	\$ 1,138,015	\$ (1,206,537)	\$ (16,764)	\$ 17,703	\$ 23,244,719
2009	1,506,924		515,452	1,458,907	(1,394,003)	(1,362)	0	25,330,637
2010	1,587,121		463,721	1,569,522	(1,730,326)	(27,856)	0	27,192,819
2011	1,443,888	\$ 0	447,636	1,497,200	(1,930,596)	(15,477)	0	28,635,470
2012	1,502,982	0	440,059	1,394,558	(2,073,753)	0	0	29,899,316
2013	1,727,389	0	446,814	1,873,685	(2,184,485)	(7,344)	0	31,755,375
2014	1,863,475	0	445,419	1,878,815	(2,457,430)	(3,012)	106,873	33,589,515
2015	2,065,675	0	434,297	1,678,089	(2,837,027)	0	0	34,930,549
2016	1,835,443	999,999	442,227	2,065,803	(3,002,485)	(62,383)	12,712	37,221,865
2017	2,318,478	1,141,890	473,016	2,351,814	(3,092,898)	0	46,837	40,461,002
2018	2,302,708	1,500,041	500,743	1,572,989	(3,319,579)	(7,832)	0	43,010,072

Notes:

Transfers in and out are usually related to the transfer of participants between municipalities, and to employer and employee payments for service credit purchases (if any) that the governing body has approved.

Additional employer contributions, if any, are shown separately starting in 2011. Prior to 2011, additional contributions are combined with the required employer contributions.

The investment income column reflects the recognized investment income based on Valuation Assets. It does not reflect the market value investment return in any given year.

The Valuation Asset balance includes assets from Surplus divisions, if any.

Years where historical information is not available, will be displayed with zero values.

**Table 6: Actuarial Accrued Liabilities and Valuation Assets
as of December 31, 2018**

Division	Actuarial Accrued Liability					Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
	Active Employees	Vested Former Employees	Retirees and Beneficiaries	Pending Refunds	Total			
01 - DPW	\$ 1,826,220	\$ 209,918	\$ 3,337,887	\$ 10,762	\$ 5,384,787	\$ 4,459,467	82.8%	\$ 925,320
02 - Police Patrol	5,480,907	637,217	7,993,931	53,122	14,165,177	10,641,630	75.1%	3,523,547
05 - Firefighters	9,315,069	657,631	18,957,075	49,860	28,979,635	13,874,155	47.9%	15,105,480
10 - Admin Professional	1,534,179	646,947	2,258,360	8,071	4,447,557	3,564,955	80.2%	882,602
11 - Teamsters	218,020	0	1,270,730	0	1,488,750	1,396,438	93.8%	92,312
12 - Admin Prof on/aft 1/1/17	11,570	0	0	1,164	12,734	18,490	145.2%	(5,756)
13 - DPW on/aft 01/1/17	19,571	0	0	968	20,539	17,555	85.5%	2,984
20 - Police Command	4,583,661	0	9,459,911	0	14,043,572	7,460,719	53.1%	6,582,853
50 - Fire on/aft 1/1/17	4,050	0	0	2,865	6,915	7,943	114.9%	(1,028)
S1 - Surplus Assoc Fire	0	0	0	0	0	784,360		(784,360)
S2 - Surplus Assoc Police	0	0	0	0	0	784,360		(784,360)
Total	\$ 22,993,247	\$ 2,151,713	\$ 43,277,894	\$ 126,812	\$ 68,549,666	\$ 43,010,072	62.7%	\$ 25,539,594

The following results show the combined accrued liabilities and assets for each set of linked divisions. These results are already shown in the table on the prior page(s).

Table 6 (continued)

Division	Actuarial Accrued Liability					Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
	Active Employees	Vested Former Employees	Retirees and Beneficiaries	Pending Refunds	Total			
Linked Divisions 12, 10	\$ 1,545,749	\$ 646,947	\$ 2,258,360	\$ 9,235	\$ 4,460,291	\$ 3,583,445	80.3%	\$ 876,846
Linked Divisions 13, 01	1,845,791	209,918	3,337,887	11,730	5,405,326	4,477,022	82.8%	928,304
Linked Divisions 50, 05	9,319,119	657,631	18,957,075	52,725	28,986,550	13,882,098	47.9%	15,104,452

Please see the Comments on Asset Smoothing in the Executive Summary of this report.

Table 7: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2004	\$ 29,239,691	\$ 15,095,171	52%	\$ 14,144,520
2005	32,944,186	16,753,818	51%	16,190,368
2006	35,846,996	18,966,620	53%	16,880,376
2007	38,924,237	21,360,928	55%	17,563,309
2008	42,180,888	23,244,719	55%	18,936,169
2009	43,641,255	25,330,637	58%	18,310,618
2010	45,576,292	27,192,819	60%	18,383,473
2011	48,645,859	28,635,470	59%	20,010,389
2012	50,274,592	29,899,316	60%	20,375,276
2013	53,345,909	31,755,375	60%	21,590,534
2014	56,783,968	33,589,515	59%	23,194,453
2015	61,743,003	34,930,549	57%	26,812,454
2016	64,160,503	37,221,865	58%	26,938,638
2017	65,850,156	40,461,002	61%	25,389,154
2018	68,549,666	43,010,072	63%	25,539,594

Notes: Actuarial assumptions were revised for the 2004, 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

The Valuation Assets include assets from Surplus divisions, if any.

Years where historical information is not available will be displayed with zero values.

Tables 8 and 9: Division-Based Comparative Schedules

Division 01 - DPW

Table 8-01: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 3,700,981	\$ 3,126,906	84%	\$ 574,075
2009	3,879,049	3,266,522	84%	612,527
2010	4,005,919	3,442,780	86%	563,139
2011	4,234,114	3,605,216	85%	628,898
2012	4,028,810	3,732,886	93%	295,924
2013	4,289,392	3,964,718	92%	324,674
2014	4,594,329	4,144,956	90%	449,373
2015	5,065,997	4,235,234	84%	830,763
2016	5,135,243	4,351,046	85%	784,197
2017	5,244,386	4,462,325	85%	782,061
2018	5,384,787	4,459,467	83%	925,320

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-01: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	22	\$ 946,132	11.80%	2.30%
2009	22	1,007,657	11.82%	2.30%
2010	21	950,103	11.70%	2.30%
2011	19	881,149	12.86%	2.30%
2012	19	856,300	10.97%	2.30%
2013	20	946,020	11.06%	2.30%
2014	20	929,958	12.08%	2.30%
2015	20	901,017	15.07%	2.30%
2016	19	833,791	15.08%	2.30%
2017	18	851,342	\$ 9,180	5.00%
2018	18	840,383	\$ 10,172	5.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division 02 - Police Patrol

Table 8-02: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 7,792,075	\$ 5,053,259	65%	\$ 2,738,816
2009	8,015,481	5,848,382	73%	2,167,099
2010	8,103,472	6,513,330	80%	1,590,142
2011	9,045,395	7,155,998	79%	1,889,397
2012	9,936,249	7,733,715	78%	2,202,534
2013	10,905,480	8,360,322	77%	2,545,158
2014	11,449,292	8,871,931	78%	2,577,361
2015	12,319,976	9,279,287	75%	3,040,689
2016	12,838,642	10,013,827	78%	2,824,815
2017	13,859,271	10,769,157	78%	3,090,114
2018	14,165,177	10,641,630	75%	3,523,547

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-02: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	33	\$ 1,960,107	17.20%	8.29%
2009	32	2,054,030	14.82%	8.29%
2010	29	1,806,921	14.01%	8.29%
2011	28	1,754,080	16.25%	8.29%
2012	27	1,723,624	17.93%	8.29%
2013	28	1,773,779	19.10%	8.29%
2014	25	1,587,254	20.72%	8.29%
2015	27	1,649,619	22.66%	8.29%
2016	27	1,699,331	21.59%	8.29%
2017	28	1,777,631	22.53%	8.29%
2018	29	1,734,688	25.07%	8.29%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division 05 - Firefighters

Table 8-05: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 18,666,323	\$ 8,365,960	45%	\$ 10,300,363
2009	19,137,933	9,053,047	47%	10,084,886
2010	20,287,429	9,632,575	47%	10,654,854
2011	21,458,833	9,979,003	47%	11,479,830
2012	21,924,381	10,296,036	47%	11,628,345
2013	23,137,298	10,871,647	47%	12,265,651
2014	24,841,557	11,507,153	46%	13,334,404
2015	26,584,583	11,924,919	45%	14,659,664
2016	27,867,803	12,930,519	46%	14,937,284
2017	28,177,223	13,516,293	48%	14,660,930
2018	28,979,635	13,874,155	48%	15,105,480

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-05: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	38	\$ 2,322,212	33.44%	7.76%
2009	38	2,434,749	31.21%	7.76%
2010	33	2,183,250	35.34%	7.76%
2011	32	2,115,390	39.70%	7.76%
2012	32	2,070,575	43.48%	7.76%
2013	32	2,123,299	44.85%	7.76%
2014	32	2,061,494	49.38%	7.76%
2015	32	2,037,634	55.69%	7.76%
2016	32	2,086,805	56.20%	7.76%
2017	32	2,033,490	\$ 101,798	7.76%
2018	31	2,019,738	\$ 107,672	7.76%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division 10 - Admin Professional

Table 8-10: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 2,937,447	\$ 2,058,781	70%	\$ 878,666
2009	3,089,490	2,286,939	74%	802,551
2010	3,277,716	2,449,430	75%	828,286
2011	3,520,950	2,556,521	73%	964,429
2012	3,642,837	2,618,706	72%	1,024,131
2013	3,803,228	2,748,191	72%	1,055,037
2014	3,943,903	2,895,820	73%	1,048,083
2015	4,328,690	3,022,706	70%	1,305,984
2016	4,429,119	3,185,399	72%	1,243,720
2017	4,353,843	3,534,108	81%	819,735
2018	4,447,557	3,564,955	80%	882,602

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-10: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	22	\$ 880,757	13.28%	3.90%
2009	22	895,714	12.83%	3.90%
2010	18	723,841	14.20%	3.90%
2011	18	704,419	15.99%	3.90%
2012	18	696,170	17.13%	3.90%
2013	19	770,061	16.56%	3.90%
2014	17	699,196	17.51%	3.90%
2015	19	756,724	19.68%	3.90%
2016	19	783,370	18.67%	3.90%
2017	17	673,625	\$ 7,925	5.00%
2018	15	617,920	\$ 8,416	5.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division 11 - Teamsters

Table 8-11: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 1,669,879	\$ 517,738	31%	\$ 1,152,141
2009	1,701,009	488,720	29%	1,212,289
2010	1,597,765	462,443	29%	1,135,322
2011	1,580,710	451,619	29%	1,129,091
2012	1,584,636	439,610	28%	1,145,026
2013	1,593,999	436,926	27%	1,157,073
2014	1,605,233	442,491	28%	1,162,742
2015	1,737,395	355,421	21%	1,381,974
2016	1,724,994	270,628	16%	1,454,366
2017	1,549,888	1,381,962	89%	167,926
2018	1,488,750	1,396,438	94%	92,312

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-11: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	2	\$ 131,960	53.18%	2.00%
2009	2	137,611	53.68%	2.00%
2010	2	129,971	53.28%	2.00%
2011	2	131,835	53.91%	2.00%
2012	2	132,347	58.92%	2.00%
2013	2	135,314	58.76%	2.00%
2014	2	136,484	58.89%	2.00%
2015	1	66,496	352.21%	2.00%
2016	1	74,010	121.95%	2.00%
2017	1	78,313	13.62%	5.00%
2018	1	81,544	14.04%	5.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division 12 - Admin Prof on/aft 1/1/17

Table 8-12: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 0	\$ 0	0%	\$ 0
2009	0	0	0%	0
2010	0	0	0%	0
2011	0	0	0%	0
2012	0	0	0%	0
2013	0	0	0%	0
2014	0	0	0%	0
2015	0	0	0%	0
2016	0	0	0%	0
2017	222	3,915	1764%	(3,693)
2018	12,734	18,490	145%	(5,756)

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-12: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	0	\$ 0	\$0.00	0.00%
2009	0	0	\$0.00	0.00%
2010	0	0	\$0.00	0.00%
2011	0	0	\$0.00	0.00%
2012	0	0	\$0.00	0.00%
2013	0	0	\$0.00	0.00%
2014	0	0	\$0.00	0.00%
2015	0	0	\$0.00	0.00%
2016	0	0	\$0.00	0.00%
2017	2	77,819	5.59%	5.00%
2018	4	147,733	4.15%	5.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Table 8-13: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 0	\$ 0	0%	\$ 0
2009	0	0	0%	0
2010	0	0	0%	0
2011	0	0	0%	0
2012	0	0	0%	0
2013	0	0	0%	0
2014	0	0	0%	0
2015	0	0	0%	0
2016	0	0	0%	0
2017	5,967	5,217	87%	750
2018	20,539	17,555	85%	2,984

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-13: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	0	\$ 0	\$0.00	0.00%
2009	0	0	\$0.00	0.00%
2010	0	0	\$0.00	0.00%
2011	0	0	\$0.00	0.00%
2012	0	0	\$0.00	0.00%
2013	0	0	\$0.00	0.00%
2014	0	0	\$0.00	0.00%
2015	0	0	\$0.00	0.00%
2016	0	0	\$0.00	0.00%
2017	3	83,530	2.87%	5.00%
2018	4	152,299	2.97%	5.00%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division 20 - Police Command

Table 8-20: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 7,414,183	\$ 4,122,075	56%	\$ 3,292,108
2009	7,818,293	4,387,027	56%	3,431,266
2010	8,303,991	4,692,261	57%	3,611,730
2011	8,805,857	4,887,113	56%	3,918,744
2012	9,157,679	5,078,363	56%	4,079,316
2013	9,616,512	5,373,571	56%	4,242,941
2014	10,349,654	5,727,164	55%	4,622,490
2015	11,706,362	6,112,982	52%	5,593,380
2016	12,164,702	6,470,446	53%	5,694,256
2017	12,659,356	6,788,025	54%	5,871,331
2018	14,043,572	7,460,719	53%	6,582,853

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-20: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	10	\$ 742,790	31.55%	11.24%
2009	9	705,851	33.42%	11.24%
2010	9	675,028	35.90%	11.24%
2011	9	681,394	39.51%	11.24%
2012	9	687,414	43.46%	11.24%
2013	9	695,724	45.30%	11.24%
2014	9	685,804	49.49%	11.24%
2015	9	710,674	58.51%	11.24%
2016	9	720,662	59.49%	11.24%
2017	9	748,325	60.62%	11.24%
2018	10	822,149	63.21%	11.24%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division 50 - Fire on/aft 1/1/17

Table 8-50: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 0	\$ 0	0%	\$ 0
2009	0	0	0%	0
2010	0	0	0%	0
2011	0	0	0%	0
2012	0	0	0%	0
2013	0	0	0%	0
2014	0	0	0%	0
2015	0	0	0%	0
2016	0	0	0%	0
2017	0	0	0%	0
2018	6,915	7,943	115%	(1,028)

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Table 9-50: Computed Employer Contributions - Comparative Schedule

Valuation Date December 31	Active Employees		Computed Employer Contribution ¹	Employee Contribution Rate ²
	Number	Annual Payroll		
2008	0	\$ 0	\$0.00	0.00%
2009	0	0	\$0.00	0.00%
2010	0	0	\$0.00	0.00%
2011	0	0	\$0.00	0.00%
2012	0	0	\$0.00	0.00%
2013	0	0	\$0.00	0.00%
2014	0	0	\$0.00	0.00%
2015	0	0	\$0.00	0.00%
2016	0	0	\$0.00	0.00%
2017	0	0	\$0.00	0.00%
2018	2	57,481	1.63%	7.76%

1 For open divisions, a percent of pay contribution is shown. For closed divisions, a monthly dollar contribution is shown.

2 For each valuation year, the computed employer contribution is based on the employee rate. If the employee rate changes during the applicable fiscal year, the computed employer contribution will be adjusted.

Note: The contributions shown in Table 9 for the 12/31/2015 through 12/31/2019 valuations do **not** reflect the phase-in of the increased contribution requirements associated with the new actuarial assumptions. The full contribution without phase-in is shown in Table 9 above. The contribution requirements including the 5-year phase-in are shown on page 2.

See the Benefit Provision History, later in this report, for past benefit provision changes.

Years where historical information is not available, will be displayed with zero values.

Division S1 - Surplus Assoc Fire

Table 8-S1: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 0	\$ 0		\$ 0
2009	0	0		0
2010	0	0		0
2011	0	0		0
2012	0	0		0
2013	0	0		0
2014	0	0		0
2015	0	0		0
2016	0	0		0
2017	0	0		0
2018	0	784,360		(784,360)

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Years where historical information is not available, will be displayed with zero values.

Division S2 - Surplus Assoc Police

Table 8-S2: Actuarial Accrued Liabilities - Comparative Schedule

Valuation Date December 31	Actuarial Accrued Liability	Valuation Assets	Percent Funded	Unfunded (Overfunded) Accrued Liabilities
2008	\$ 0	\$ 0		\$ 0
2009	0	0		0
2010	0	0		0
2011	0	0		0
2012	0	0		0
2013	0	0		0
2014	0	0		0
2015	0	0		0
2016	0	0		0
2017	0	0		0
2018	0	784,360		(784,360)

Notes: Actuarial assumptions were revised for the 2008, 2009, 2010, 2011, 2012 and 2015 actuarial valuations.

Years where historical information is not available, will be displayed with zero values.

Table 10: Division-Based Layered Amortization Schedule

Division 01 - DPW

Table 10-01: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 830,763	23	\$ 884,087	20	\$ 64,176
(Gain)/Loss	12/31/2016	(82,526)	22	(89,931)	20	(6,528)
(Gain)/Loss	12/31/2017	5,781	21	6,251	20	456
Amendment	12/31/2017	(9,047)	21	(9,793)	20	(708)
(Gain)/Loss	12/31/2018	138,266	20	148,982	20	10,812
Total				\$ 939,596		\$ 68,208

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 02 - Police Patrol

Table 10-02: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 3,040,689	23	\$ 3,166,964	20	\$ 229,884
(Gain)/Loss	12/31/2016	(280,062)	22	(305,164)	20	(22,152)
(Gain)/Loss	12/31/2017	260,150	21	281,578	20	20,436
(Gain)/Loss	12/31/2018	394,380	20	424,944	20	30,852
Total				\$ 3,568,322		\$ 259,020

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 05 - Firefighters

Table 10-05: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 14,659,664	23	\$ 15,241,441	20	\$ 1,106,364
(Gain)/Loss	12/31/2016	(5,596)	22	(6,096)	20	(444)
(Gain)/Loss	12/31/2017	(236,519)	21	(255,998)	20	(18,588)
Amendment	12/31/2017	(168,365)	21	(182,228)	20	(13,224)
(Gain)/Loss	12/31/2018	375,305	20	404,391	20	29,352
Total				\$ 15,201,510		\$ 1,103,460

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 10 - Admin Professional

Table 10-10: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 1,305,984	23	\$ 1,362,876	20	\$ 98,928
(Gain)/Loss	12/31/2016	(92,486)	22	(100,774)	20	(7,320)
(Gain)/Loss	12/31/2017	(403,688)	21	(436,938)	20	(31,716)
Amendment	12/31/2017	(24,631)	21	(26,666)	20	(1,932)
(Gain)/Loss	12/31/2018	87,723	20	94,521	20	6,864
Total				\$ 893,019		\$ 64,824

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 11 - Teamsters

Table 10-11: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 1,381,974	23	\$ 1,324,940	20	\$ 96,180
(Gain)/Loss	12/31/2016	982	22	1,073	20	84
(Gain)/Loss	12/31/2017	(1,143,013)	21	(1,237,177)	20	(89,808)
Amendment	12/31/2017	(907)	21	(978)	20	(72)
(Gain)/Loss	12/31/2018	4,855	20	5,231	20	384
Total				\$ 93,089		\$ 6,768

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 12 - Admin Prof on/aft 1/1/17

Table 10-12: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
(Gain)/Loss	12/31/2017	\$ (3,693)	15	\$ (3,914)	14	\$ (372)
(Gain)/Loss	12/31/2018	(1,776)	15	(1,914)	15	(168)
Total				\$ (5,828)		\$ (540)

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 13 - DPW on/aft 01/1/17

Table 10-13: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
(Gain)/Loss	12/31/2017	\$ 750	15	\$ 796	14	\$ 72
(Gain)/Loss	12/31/2018	2,176	15	2,345	15	204
Total				\$ 3,141		\$ 276

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 20 - Police Command

Table 10-20: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
Initial	12/31/2015	\$ 5,593,380	23	\$ 5,830,978	20	\$ 423,264
(Gain)/Loss	12/31/2016	(22,439)	22	(24,450)	20	(1,776)
(Gain)/Loss	12/31/2017	129,426	21	140,086	20	10,164
(Gain)/Loss	12/31/2018	663,143	20	714,537	20	51,864
Total				\$ 6,661,151		\$ 483,516

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

Division 50 - Fire on/aft 1/1/17

Table 10-50: Layered Amortization Schedule

Type of UAL	Date Established	Original Balance ¹	Original Amortization Period ²	Amounts for Fiscal Year Beginning 1/1/2020		
				Outstanding UAL Balance ³	Remaining Amortization Period ²	Annual Amortization Payment
(Gain)/Loss	12/31/2018	\$ (1,028)	15	\$ (1,108)	15	\$ (96)
Total				\$ (1,108)		\$ (96)

¹ For each type of UAL (layer), this is the original balance as of the date the layer was established.

² According to the MERS amortization policy, each type of UAL (layer) is amortized over a specific period (see Appendix on MERS website).

³ This is the remaining balance as of the valuation date, projected to the beginning of the fiscal year shown above.

The unfunded accrued liability (UAL) as of December 31, 2018 (see Table 6) is projected to the beginning of the fiscal year for which the contributions are being calculated. This allows the 2018 valuation to take into account the expected future contributions that are based on past valuations. Each type of UAL (layer) is amortized over the appropriate period. Please see the Appendix on the MERS website for a detailed description of the amortization policy.

Note: The original balance and original amortization periods prior to 12/31/2018 were received from the prior actuary.

GASB 68 Information

The following information has been prepared to provide some of the information necessary to complete GASB Statement No. 68 disclosures. Statement 68 is effective for fiscal years beginning after June 15, 2014. Additional resources, including an Implementation Guide, are available at <http://www.mersofmich.com/>.

Actuarial Valuation Date:	12/31/2018
Measurement Date of the Total Pension Liability (TPL):	12/31/2018
At 12/31/2018, the following employees were covered by the benefit terms:	
Inactive employees or beneficiaries currently receiving benefits:	93
Inactive employees entitled to but not yet receiving benefits (including refunds):	66
Active employees:	<u>114</u>
	273
Total Pension Liability as of 12/31/2017 measurement date:	\$ 63,964,145
Total Pension Liability as of 12/31/2018 measurement date:	\$ 66,626,952
Service Cost for the year ending on the 12/31/2018 measurement date:	\$ 984,557
Change in the Total Pension Liability due to:	
- Benefit changes ¹ :	\$ 0
- Differences between expected and actual experience ² :	\$ (17,758)
- Changes in assumptions ² :	\$ 0

¹A change in liability due to benefit changes is immediately recognized when calculating pension expense for the year.

²Changes in liability due to differences between actual and expected experience, and changes in assumptions, are recognized in pension expense over the average remaining service lives of all employees.

Average expected remaining service lives of all employees (active and inactive):	4
Covered employee payroll: (Needed for Required Supplementary Information)	\$ 6,473,935

Sensitivity of the Net Pension Liability to changes in the discount rate:

	1% Decrease (7.00%)	Current Discount Rate (8.00%)	1% Increase (9.00%)
Change in Net Pension Liability as of 12/31/2018:	\$ 8,261,831	\$ -	\$ (6,893,397)

Note: The current discount rate shown for GASB 68 purposes is higher than the MERS assumed rate of return. This is because for GASB 68 purposes, the discount rate must be gross of administrative expenses, whereas for funding purposes it is net of administrative expenses.

GASB 68 Information

This page is for those municipalities who need to “roll-forward” their total pension liability due to the timing of completion of the actuarial valuation in relation to their fiscal year-end.

The following information has been prepared to provide some of the information necessary to complete GASB Statement No. 68 disclosures. Statement 68 is effective for fiscal years beginning after June 15, 2014. Additional resources, including an Implementation Guide, are available at www.mersofmich.com.

Actuarial Valuation Date:		12/31/2018	
Measurement Date of the Total Pension Liability (TPL):		12/31/2019	
At 12/31/2018, the following employees were covered by the benefit terms:			
Inactive employees or beneficiaries currently receiving benefits:		93	
Inactive employees entitled to but not yet receiving benefits (including refunds):		66	
Active employees:		<u>114</u>	
		273	
Total Pension Liability as of 12/31/2018 measurement date:	\$	66,685,618	
Total Pension Liability as of 12/31/2019 measurement date:	\$	69,301,252	
Service Cost for the year ending on the 12/31/2019 measurement date:	\$	1,025,997	
Change in the Total Pension Liability due to:			
- Benefit changes ¹ :	\$	0	
- Differences between expected and actual experience ² :	\$	(63,360)	
- Changes in assumptions ² :	\$	0	
¹ A change in liability due to benefit changes is immediately recognized when calculating pension expense for the year. ² Changes in liability due to differences between actual and expected experience, and changes in assumptions, are recognized in pension expense over the average remaining service lives of all employees.			
Average expected remaining service lives of all employees (active and inactive):		4	
Covered employee payroll: (Needed for Required Supplementary Information)	\$	6,473,935	
Sensitivity of the Net Pension Liability to changes in the discount rate:			
	1% Decrease	Current Discount	1% Increase
	<u>(7.00%)</u>	<u>Rate (8.00%)</u>	<u>(9.00%)</u>
Change in Net Pension Liability as of 12/31/2019:	\$ 8,464,738	\$ -	\$ (7,070,139)

Note: The current discount rate shown for GASB 68 purposes is higher than the MERS assumed rate of return. This is because for GASB 68 purposes, the discount rate must be gross of administrative expenses, whereas for funding purposes it is net of administrative expenses.

Benefit Provision History

The following benefit provision history is provided by MERS. Any corrections to this history or discrepancies between this information and information displayed elsewhere in the valuation report should be reported to MERS. All provisions are listed by date of adoption.

01 - DPW

1/1/2017	Non Standard Compensation Definition
1/1/2017	Day of Work defined as 10 8 hour days
1/1/2017	Participant Contribution Rate 5%
12/1/2016	Service Credit Purchase Estimates - Yes
7/1/2005	Benefit B-3 (80% max)
7/1/2005	Member Contribution Rate 2.30%
7/10/2001	Covered by Act 88
7/1/1997	Benefit B-2
7/1/1997	Benefit F55 (With 20 Years of Service)
7/1/1995	Benefit FAC-5 (5 Year Final Average Compensation)
7/1/1995	6 Year Vesting
7/1/1995	Benefit C-1 (New)
7/1/1995	Member Contribution Rate 0.00%
7/1/1995	Fiscal Month - January
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

02 - Police Patrol

12/1/2016	Service Credit Purchase Estimates - Yes
1/1/2007	Member Contribution Rate 8.29%
12/1/2005	Benefit D2 Plan
12/1/2005	Benefit FAC-3 (3 Year Final Average Compensation)
12/1/2005	2.75% Multiplier (80% max)
12/1/2005	Member Contribution Rate 8.79%
1/1/2002	Member Contribution Rate 4.50%
7/10/2001	Covered by Act 88
1/1/2000	Benefit B-4 (80% max)
1/1/2000	Member Contribution Rate 6.50%
1/1/2000	E2 2.5% COLA for future retirees (01/01/2000)
1/1/1999	Member Contribution Rate 2.50%
7/1/1996	Benefit FAC-5 (5 Year Final Average Compensation)
7/1/1996	10 Year Vesting
7/1/1996	Benefit B-3 (80% max)
7/1/1996	Benefit F50 (With 25 Years of Service)
7/1/1996	Member Contribution Rate 3.50%
7/1/1995	Fiscal Month - January
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

05 - Firefighters

1/1/2017	Non Standard Compensation Definition
1/1/2017	Day of work defined as 100.8 hours in a month

05 - Firefighters

1/1/2017	Benefit B-4 (80% max)
12/31/2016	Current FAC
12/1/2016	Service Credit Purchase Estimates - Yes
1/1/2005	Member Contribution Rate 7.76%
1/1/2004	2.75% Multiplier (80% max)
1/1/2004	Member Contribution Rate 8.07%
7/10/2001	Covered by Act 88
7/1/1999	Benefit D2 Plan
7/1/1999	Benefit FAC-3 (3 Year Final Average Compensation)
7/1/1999	10 Year Vesting
7/1/1999	Benefit B-4 (80% max)
7/1/1999	Benefit F50 (With 25 Years of Service)
7/1/1999	Member Contribution Rate 4.19%
7/1/1999	E2 2.5% COLA for future retirees (07/01/1999)
7/1/1995	Fiscal Month - January
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

10 - Admin Professional

4/1/2017	Participant Contribution Rate 5%
1/1/2017	Non Standard Compensation Definition
1/1/2017	Day of Work defined as 10 8 hour days
1/1/2017	Benefit B-3 (80% max)
12/31/2016	Current FAC
12/1/2016	Service Credit Purchase Estimates - Yes
1/1/2007	Benefit B-4 (80% max)
1/1/2007	Member Contribution Rate 3.90%
1/1/2004	Benefit B-3 (80% max)
1/1/2004	Member Contribution Rate 1.50%
7/10/2001	Covered by Act 88
7/1/2000	Benefit B-2
7/1/2000	Member Contribution Rate 0.60%
1/1/1998	Benefit FAC-5 (5 Year Final Average Compensation)
1/1/1998	10 Year Vesting
1/1/1998	Benefit C-1 (New)
1/1/1998	Benefit F55 (With 25 Years of Service)
1/1/1998	Member Contribution Rate 0.00%
7/1/1995	Fiscal Month - January
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

11 - Teamsters

1/1/2018	Participant Contribution Rate 5%
12/1/2016	Service Credit Purchase Estimates - Yes
1/1/2004	6 Year Vesting
1/1/2002	Member Contribution Rate 2.00%
7/10/2001	Covered by Act 88
7/1/2000	Benefit FAC-5 (5 Year Final Average Compensation)
7/1/2000	10 Year Vesting

11 - Teamsters

7/1/2000	Benefit B-2
7/1/2000	Benefit F55 (With 20 Years of Service)
7/1/2000	Member Contribution Rate 0.00%
7/1/1995	Fiscal Month - January
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

12 - Admin Prof on/aft 1/1/17

1/1/2017	Benefit FAC-5 (5 Year Final Average Compensation)
1/1/2017	10 Year Vesting
1/1/2017	Non Standard Compensation Definition
1/1/2017	Day of Work defined as 10 8 hour days
1/1/2017	Service Credit Purchase Estimates - Yes
1/1/2017	Defined Benefit Normal Retirement Age - 60
1/1/2017	Benefit C-1 (New)
1/1/2017	Benefit F55 (With 25 Years of Service)
1/1/2017	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years
1/1/2017	Participant Contribution Rate 5%
7/10/2001	Covered by Act 88
7/1/1995	Fiscal Month - January

13 - DPW on/aft 01/1/17

1/1/2017	Benefit FAC-5 (5 Year Final Average Compensation)
1/1/2017	6 Year Vesting
1/1/2017	Non Standard Compensation Definition
1/1/2017	Day of Work defined as 10 8 hour days
1/1/2017	Service Credit Purchase Estimates - Yes
1/1/2017	Defined Benefit Normal Retirement Age - 60
1/1/2017	1.5% multiplier (80% max)
1/1/2017	Benefit F55 (With 20 Years of Service)
1/1/2017	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years
1/1/2017	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years
1/1/2017	Participant Contribution Rate 5%
7/10/2001	Covered by Act 88
7/1/1995	Fiscal Month - January

20 - Police Command

7/1/2018	Non Standard Compensation Definition
12/1/2016	Service Credit Purchase Estimates - Yes
8/1/2005	2.75% Multiplier (80% max)
8/1/2005	Member Contribution Rate 11.24%
1/1/2005	Member Contribution Rate 5.50%
1/1/2003	Member Contribution Rate 8.00%
1/1/2002	Member Contribution Rate 7.00%
1/1/2002	E2 2.5% COLA for future retirees (07/01/2001)
7/10/2001	Covered by Act 88
7/1/2001	Benefit D2 Plan
7/1/2001	Benefit B-4 (80% max)
7/1/2001	Benefit F50 (With 25 Years of Service)

20 - Police Command

7/1/2001	Member Contribution Rate 6.00%
1/1/2001	Member Contribution Rate 4.50%
1/1/1998	Benefit FAC-3 (3 Year Final Average Compensation)
1/1/1998	10 Year Vesting
1/1/1998	Benefit B-3 (80% max)
1/1/1998	Benefit F55 (With 15 Years of Service)
1/1/1998	Eligible at Age 52 (With 25 Years of Service)
1/1/1998	Member Contribution Rate 5.50%
7/1/1995	Fiscal Month - January
	Defined Benefit Normal Retirement Age - 60
	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

50 - Fire on/aft 1/1/17

1/1/2017	Benefit D2 Plan
1/1/2017	Benefit FAC-3 (3 Year Final Average Compensation)
1/1/2017	10 Year Vesting
1/1/2017	Non Standard Compensation Definition
1/1/2017	Service Credit Purchase Estimates - Yes
1/1/2017	Defined Benefit Normal Retirement Age - 60
1/1/2017	Day of work defined as 100.8 hours in a month
1/1/2017	1.75% multiplier
1/1/2017	Benefit F55 (With 25 Years of Service)
1/1/2017	Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years
1/1/2017	Participant Contribution Rate 7.76%
7/10/2001	Covered by Act 88
7/1/1995	Fiscal Month - January

S1 - Surplus Assoc Fire

7/1/1995	Fiscal Month - January
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S2 - Surplus Assoc Police

7/1/1995	Fiscal Month - January
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Plan Provisions, Actuarial Assumptions, and Actuarial Funding Method

Details on MERS plan provisions, actuarial assumptions, and actuarial methodology can be found in the Appendix. Some actuarial assumptions are specific to this municipality and its divisions. These are listed below.

Increase in Final Average Compensation

Division	FAC Increase Assumption
All Divisions	1.00%

Withdrawal Rate Scaling Factor

Division	Withdrawal Rate Scaling Factor
All Divisions	80%

Miscellaneous and Technical Assumptions

Loads – None.

Risk Commentary

Determination of the accrued liability, the employer contribution, and the funded ratio requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability, the actuarially determined contribution and the funded ratio that result from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

- **Investment Risk** – actual investment returns may differ from the expected returns;
- **Asset/Liability Mismatch** – changes in asset values may not match changes in liabilities, thereby altering the gap between the accrued liability and assets and consequently altering the funded status and contribution requirements;
- **Salary and Payroll Risk** – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from expected;
- **Longevity Risk** – members may live longer or shorter than expected and receive pensions for a period of time other than assumed; and
- **Other Demographic Risks** – members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example, if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be expected to increase (or decrease). Likewise if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

PLAN MATURITY MEASURES

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of members in pay status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures include the following:

1. Ratio of the market value of assets to total payroll	6.1
2. Ratio of actuarial accrued liability to payroll	10.6
3. Ratio of actives to retirees and beneficiaries	1.2
4. Ratio of market value of assets to benefit payments	11.8
5. Ratio of net cash flow to market value of assets (boy)	2.4%

RATIO OF MARKET VALUE OF ASSETS TO TOTAL PAYROLL

The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the market value of assets is 2.0 times the payroll, a return on assets 5% different than assumed would equal 10% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in plan sponsor contributions as a percentage of payroll.

RATIO OF ACTUARIAL ACCRUED LIABILITY TO PAYROLL

The relationship between actuarial accrued liability and payroll is a useful indicator of the potential volatility of contributions for a fully funded plan. A funding policy that targets a funded ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

RATIO OF ACTIVES TO RETIREES AND BENEFICIARIES

A young plan with many active members and few retirees will have a high ratio of active to retirees. A mature open plan may have close to the same number of actives to retirees resulting in a ratio near 1.0. A super-mature or closed plan may have significantly more retirees than actives resulting in a ratio below 1.0.

RATIO OF MARKET VALUE OF ASSETS TO BENEFIT PAYMENTS

The MERS' Actuarial Policy requires a total minimum contribution equal to the excess (if any) of three times the expected annual benefit payments over the projected market value of assets as of the participating municipality or court's Fiscal Year for which the contribution applies. The ratio of market value of assets to benefit payments as of the valuation date provides an indication of whether the division is at risk for triggering the minimum contribution rule in the near term. If the division triggers this minimum contribution rule, the required employer contributions could increase dramatically relative to previous valuations.

RATIO OF NET CASH FLOW TO MARKET VALUE OF ASSETS

A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a super-mature plan or a need for additional contributions.

State Reporting

The following information has been prepared to provide some of the information necessary to complete the pension reporting requirements for the State of Michigan’s Local Government Retirement System Annual Report (Form No. 5572). Additional resources are available at www.mersofmich.com and on the State [website](#).

Form 5572		
Line Reference	Description	Result
10 Membership as of December 31, 2018		
11	Indicate number of active members	114
12	Indicate number of inactive members	28
13	Indicate number of retirees and beneficiaries	93
14 Investment Performance for Calendar Year Ending December 31, 2018¹		
15	Enter actual rate of return - prior 1-year period	-3.64%
16	Enter actual rate of return - prior 5-year period	4.94%
17	Enter actual rate of return - prior 10-year period	8.25%
18 Actuarial Assumptions		
19	Actuarial assumed rate of investment return ²	7.75%
20	Amortization method utilized for funding the system's unfunded actuarial accrued liability, if any	Level Percent
21	Amortization period utilized for funding the system's unfunded actuarial accrued liability, if any ³	20
22	Is each division within the system closed to new employees? ⁴	No
23 Uniform Assumptions		
24	Enter retirement pension system's actuarial value of assets using uniform assumptions	\$43,010,072
25	Enter retirement pension system's actuarial accrued liabilities using uniform assumptions	\$74,888,783
27	Actuarially Determined Contribution (ADC) using uniform assumptions, Fiscal Year Ending December 31,2019	\$3,069,120

1. The Municipal Employees’ Retirement System’s investment performance has been provided to GRS from MERS Investment Staff and included here for reporting purposes. This investment performance figures reported are net of fees on a rolling calendar-year basis for the previous 1-, 5-, and 10-year periods as required under PA 530.
2. Net of administrative and investment expenses.
3. Populated with the longest amortization period remaining in the amortization schedule, across all divisions in the plan. This is when each division and the plan in total is expected to reach 100% funded if all assumptions are met.
4. If all divisions within the employer are closed, “yes.” If at least one division is open (including shadow divisions) indicate “no.”



**RECIEVED BOARD
COMMUNICATIONS
July 9, 2019**

**BOARD INFORMATION
(BI)**

Riley Millard

From: Phil M <philmartinez4@gmail.com>
Sent: Thursday, June 20, 2019 4:33 PM
To: Board
Subject: I support the Street Improvement Bond Proposal

Dear Members of the Township Board:

I am writing to you to express my strong support for the bond proposal that will appear on the August ballot.

After reading the materials and viewing the videos of meetings posted on the Township's website, I am convinced that your plan is the best way to deal with our township roads, which are already in terrible condition and will only get worse if we don't do something about them.

I want to thank you for spending the time to develop and approve of a plan which I believe is fiscally responsible, and which allocates enough funding to get the roads where they need to be, without overspending or asking voters for an unreasonable tax hike.

Nobody likes paying more taxes, but nobody likes driving on roads filled with potholes, either. I have purchased wheel and tire insurance for my last three vehicles because Michigan's roads (state, county, and township) are in such disrepair. That's an added cost that I would much rather spend on taxes to fix the roads. Bad roads also cost money because they can lead to accidents, vehicle damage, and insurance claims and rate hikes.

While I appreciate that there is an informational meeting next Thursday, I won't be attending because I already have the information I need to cast my vote. I will be voting YES on this proposal.

Thank you for all the work you do for our community.

Sincerely,

Philip Martinez
2443 Graystone Drive
Okemos, MI 48864

Riley Millard

From: Brett Dreyfus
Sent: Tuesday, June 25, 2019 2:40 PM
To: Riley Millard
Subject: FW: Village of Okemos and bridge replacement

From: dgarijo@comcast.net <dgarijo@comcast.net>
Sent: Monday, June 24, 2019 10:11 PM
To: Township Board <Townshipboard@meridian.mi.us>
Subject: Village of Okemos and bridge replacement

Dear Board Trustees,

I am writing this regarding both the Village of Okemos and Okemos Rd. bridge replacement projects.

First let me be clear that I am in favor of a revitalization of downtown. Clearly something must be done. I am not opposed to the current plan, provided it is done in such a manner that will allow for long-term success. The worst-case scenario for this project would be to, in 10 years' time, look back and lament about the mistakes that were made to explain why the area is once again unpopulated. I admit that I am coming late to this discussion, but from what I have been able to find online I haven't seen any reference made to my main concern, the handling of commercial truck traffic.

Ultimately, I see the overall success of the project lying in the success of the commercial spaces on the first level. Without the shops and restaurants being viable, empty store fronts will once again appear, followed by ever emptying office and residential units. Stop and think about what that will look like. I feel that exorbitant lease rates will be the primary cause of failing businesses. Unfortunately, the Board has no control over that. However, the ability of the businesses to operate will be close behind, and an ability to receive proper deliveries by commercial trucks will be key.

Obviously, trucks will not be able to stop on any roadway surrounding the area to make deliveries without a major impact on traffic. This makes adequate space behind the buildings, a sort of delivery lane, paramount. The drawings that I have been able to find do not show enough detail to answer whether this had been considered or not. Also, a left turn lane from Northbound Okemos Rd. onto Clinton will be equally as important, as those trucks will need to gain access behind the buildings either from Clinton or Methodist. At the last Board meeting it was stated that the developer was working with the County Road Commission to do this, however the developer is responsible solely for the area north of Clinton, meaning they have no direct influence regarding a turn lane. If for any reason the county decides not to follow through, what happens to this traffic and the deliveries? Purchasing right-of-way can be a very long and costly endeavor, and there is no guarantee it can be accomplished. Picture what happens when trucks have to wait to turn left onto Clinton from a driving lane. Or picture what happens to a restaurant that can't get food and beverage deliveries properly. How long do they remain open?

A statement was made that this is a once in a lifetime opportunity. This is true, for both the Village and the bridge replacement. It is imperative that the Board have a single, clear goal in mind when dealing with the upcoming issues involving the bridge. Starting from Mt. Hope and continuing north, this should be a pleasant visual journey into and through the area. This is the time to shape that journey. The county does not have the same priorities as the Board, so it is up to you to ensure that the vision is clear and that every effort is made to make it a reality. I heard a statement made about burying the utilities in the Village, it will be important to do the same starting at Mt. Hope. This will likely become

a sticking point, but it is not a small matter. Do not back away from disagreement simply because it is more expedient. This is a unique time and opportunity for the entire township, do not let it be squandered.

Sincerely,

Dan Garijo

4556 Arrowhead Rd.

Riley Millard

From: Brett Dreyfus
Sent: Thursday, June 27, 2019 1:06 PM
To: Riley Millard
Subject: FW: Celebrate Meridian

From: Kathleen Veith <kathleen8and10@gmail.com>
Sent: Thursday, June 27, 2019 10:32 AM
To: Township Board <Townshipboard@meridian.mi.us>
Subject: Celebrate Meridian

Firstly, thank you for all you do. I know you're underappreciated and probably only hear from folks who are disgruntled.

Know that what you do for the whole lot of us is important and valued.

Secondly, here I am, the disgruntled resident weighing in! Just for the record, I am very disappointed in your decision to hold the fireworks on June 29 rather than July 4. I am assuming it's a money grab decision and therefore somehow worse. Tradition IS important and it isn't like the fireworks on the 4th were not popular, right?? Every year the area seemed packed to us. Do you have data suggesting otherwise?? We are ALL not wealthy enough to escape up north over the 4th.

Your line up looks good for the 29th and I have lots of grandkids who would love to attend but I am conflicted about participating. I don't want to really "support" something that I disagree with. Ah, but to have that line up on the 4th instead?! I'd be there with money to spend! And yes, I gave my age away. Please know that my local children here, and their children agree with me here - they just don't have the time to write you guys!

Please consider changing the fireworks back to the 4th in the future. Again, you ARE appreciated. And I also know that you can't please everybody. Just wanted to get my two cents out there.

Kathleen Veith
Okemos



June 24, 2019

Ms. Deborah Guthrie, Communications Director
Meridian Township
5151 Marsh Road
Okemos, MI 48864

Re: TiVo Customers: Accessing Xfinity On Demand App

Dear Ms. Guthrie:

We are committed to keeping you updated about actions that may affect our customers. To that end, and as a courtesy in the event you receive questions, we are letting you know that as of June 25, 2019, the Xfinity On Demand app will no longer be available on TiVo devices.

In close consultation with TiVo, we made the decision to remove the Xfinity On Demand app from TiVo devices because the platform that permits those entitlements utilizes outdated technology that can no longer be updated and is therefore susceptible to security breaches. Both Xfinity and TiVo have notified affected customers of this equipment issue.

Please feel free to contact me at 517-334-5686 if you have any questions or issues.

Sincerely,

John P. Gardner
Director, External Affairs
Comcast, Heartland Region
1401 E. Miller Rd.
Lansing, MI 48911



PROPOSED DRAFT MINUTES

PROPOSED MOTION:

Move to approve and ratify the minutes of the Regular Meeting of June 18, 2019 as submitted.

ALTERNATE MOTION:

**Move to approve and ratify the minutes of the June 18, 2019 Regular Meeting with the following amendment(s):
[insert amendments]**

CHARTER TOWNSHIP OF MERIDIAN
TOWNSHIP BOARD REGULAR MEETING **-DRAFT-**
5151 Marsh Road, Okemos MI 48864-1198
853-4000, Township Hall Room
TUESDAY, June 18, 2019 **6:00 pm.**

PRESENT: Supervisor Styka, Clerk Dreyfus, Treasurer Deschaine, Trustees Jackson, Opsommer, Sundland, Wisinski

ABSENT:

STAFF: Township Manager Walsh, Director of Public Works Perry, Fire Chief Hamel, Police Chief Plaga, Community Planning and Development Director Kieselbach, Information Technology Director Gebes, Principal Planner Menser, Finance Director Mattison.

1. CALL MEETING TO ORDER

Supervisor Styka called the meeting to order at 6:00 pm.

2. PLEDGE OF ALLEGIANCE/INTRODUCTIONS

Supervisor Styka led the Pledge of Allegiance.

3. ROLL CALL

The Recording Secretary called the roll of the Board.

4. PRESENTATIONS

A. Okemos High School State Shot Put Champion - Jasmine Clerkley

Supervisor Styka presented an award recognizing the achievements of Okemos High School Junior Jasmine Clerkley.

B. Recognition of Jane Rose, Executive Director of the Meridian Historical Village

Supervisor Styka presented an award of recognition commemorating Jane Rose for her many accomplishments, her retirement and long tenure with the Meridian Historical Village.

5. CITIZENS ADDRESS AGENDA ITEMS AND NON-AGENDA ITEMS

Supervisor Styka opened public remarks at 6:09 pm.

Neil Bowbly, 6020 Beechwood, Haslett; announced the success of the Veenstra Memorial Fund and spoke in support of The Village of Okemos (Agenda Item 12A) and Commercial Planned Unit Development #19034 – Parks (Agenda Item 12D).

David VandeHagen, 4789 Ardmore, Okemos; spoke in support of Agenda Item 12A.

9. CONSENT AGENDA

Supervisor Styka reviewed the consent agenda.

Treasurer Deschaine moved to adopt the Consent Agenda as presented. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

A. Communications

Treasurer Deschaine moved that the communications be received and placed on file and any communications not already assigned for disposition be referred to the Township Manager or Supervisor for follow-up. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

B. Approval of Minutes

(1) June 4 2019 Regular Meeting

Treasurer Deschaine moved to approve and ratify the minutes of the Regular Meeting of June 4, 2019 as submitted. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

(2) June 11, 2019 Special Meeting

Treasurer Deschaine moved to approve and ratify the minutes of the Special Meeting of June 1, 2019 as submitted. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

C. Bills

Treasurer Deschaine moved to approve that the Township Board approve the Manager’s Bills as follows, seconded by Trustee Jackson:

Common Cash		\$	181,998.10
Public Works		\$	548,013.73
Trust & Agency		\$	7,375.28
	Total Checks	\$	737,387.11
Credit Card Transactions		\$	18,473.04
May 30 to June 12			
	Total Purchases	\$	<u>755,860.15</u>
ACH Payments		\$	<u>733,999.78</u>

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

D. Ratification of New Police Officer

Treasurer Deschaine moved to ratify the appointment of David Reinke to the position of Police Officer contingent upon successful completion of those items stipulated in the Conditional Offer of Employment. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

E. Property Donation – Pinnavaia

Treasurer Deschaine moved to accept a 2.1-acre donation of land from the Thomas and Marilyn Pinnavaia Trust Parcel Number 33-02-02-09-201-013 located in Sleepy Hollow Subdivision for park purposes; and authorize Township Manager, Frank Walsh to sign the closing documents on behalf of the Township. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

F. Fireworks Permit – Celebrate Meridian

Treasurer Deschaine moved to approve the Fireworks Permit for the Meridian Township Celebrate Meridian event on Saturday, June 29, 2019, by pyrotechnic operator Night Magic Displays. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

G. Adopt Tax Collection Requests and Agreements for 2019

Treasurer Deschaine moved that the Township Board approve the “2019 Tax Collection Requests and Agreements” for East Lansing, Okemos, Williamston, Haslett and Ingham Intermediate School Districts, Ingham County, CADL, CATA, CRAA and LCC. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

H. Polling Location Changes

Treasurer Deschaine moved that the voting locations for Precinct 2 (Haslett Middle School) and Precinct 4 (Murphy Elementary School) shall be temporarily moved to the Precinct 3 location (Haslett High School) because of construction at both Precinct #2 and #4 polling locations. This change will be in effect for the August 6, 2019 election only. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Trustees Jackson, Sundland, Opsommer, Wisinski,
Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka

NAYS:

Motion carried 7-0

10. QUESTIONS FOR THE ATTORNEY – NONE11. HEARINGS

A. Mixed Use Planned Unit Development #19024 (Village of Okemos)

Director Buck introduced the Village of Okemos project and outlined the proposed development.

Supervisor Styka opened the public hearing at 6:33 pm

Director Keiselbach provided a presentation on the proposed Village of Okemos development.

Will Randle, True North, provided a presentation on the proposed development and explained site plan updates that had been submitted after the Planning Commission approval. Changes included 31 additional units (174 to 205), an increase in density from 43.6 to 51.4 dwelling units per acre, and a decrease in commercial space from 66,452 to 52,650 .

Greg Presley, Presley Architecture provided a presentation on the site plans and building elevations.

Ann Alchin, 5972 Cypress St., Haslett; spoke on the history of past use of TIF (Tax Increment Financing) funds for Downtown Okemos and believed taxpayer funds were not used appropriately, she disagreed with the use of public TIF funds for the proposed Village of Okemos project.

Jeanne Hendry 4674 Nakoma Dr., Okemos; believed five stories height for buildings was too high and out of proportion for that area of Okemos, efforts should be taken to reduce light pollution.

Kadri Wichman, 2236 Hamilton Rd., Okemos; asked about parking access and of any projected future developments.

Elliot Welch 2223 Hamilton Rd., Okemos; noted that Hamilton Road should not be classified as an arterial road and asked that more attention be paid on impacts of traffic on neighborhoods just west of the project. He noted utility and construction traffic should not be on Hamilton Road. He also suggested changes to the road and parking layout.

Marna Wilson 4545 Chippewa Dr., Okemos; spoke in support of the development project for its efforts in environmental remediation and the developer's transparency.

Vance Poquette, 2226 Kent St., Okemos; spoke in opposition of the development project due to possible increased traffic and excessive residential uses.

Barbara White, 2252 Hamilton Rd., Okemos; noted the perceived lack of interest from Baby Boomers with living in the Okemos Downtown Development Area.

Dillon Rush, Tri-County Development & Planning Manager, 1000 S. Washington Ave. Ste. 201, Lansing; spoke in support of the proposed development and noted the complexities and transformative nature of the project.

Lucy Maillette, 2418 Indian Hills Dr., Okemos; spoke in support of the proposed development and noted the transparency of the developers and the need to eliminate the blight in Downtown Okemos.

Scott Weaver, Douglas J Salon, 4663 Ardmore Ave, Okemos; spoke in support of the proposed development and noted the benefits of promoting a walkable community.

Neil Bowlby, 6020 Beechwood, Haslett; expressed concern with the increased units and higher density since Planning Commission did not approve this new plan with significant changes.

Supervisor Styka closed the public hearing at 7:29 pm

B. Commercial Planned Unit Development #19034 (Parks)

Director Kieselbach provided a presentation on the proposed Commercial Planned Unit Development at the Meridian Mall to accommodate the new Meridian Township Farmer’s Market.

Director Maisner provided an overview of the Meridian Township Farmer’s Market and explained the need for expansion.

Supervisor Styka opened the public hearing at 7:35 pm

Supervisor Styka closed the public hearing at 7:36 pm

C. Newton Road Sanitary Sewer Public Improvement SAD #54

Deputy Manager/ Director Perry provided a presentation on the proposed Newton Road Sanitary Sewer Special Assessment District.

Supervisor Styka opened the public hearing at 7:37 pm

Supervisor Styka closed the public hearing at 7:38 pm

12. ACTION ITEMS

A. Rezoning #19010 (Woda Cooper) – **Final Adoption**

Trustee Opsommer moved to adopt the resolution for final adoption of Ordinance No. 2019-12 pursuant to Rezoning Petition #19010 to rezone 4.6 acres located at the east end of Sirhal Drive, west of Greencliff Drive from RX (One and Two Family Residential) to RC (Multiple Family, 14 dwelling units per acre) with conditions voluntarily offered by the applicant for publication and subsequent adoption. Seconded by Treasurer Deschaine.

Board discussion: apartments as type of affordable housing, applicant protections from students renting apartments, proposal does not meet community need for affordable entry level housing for first-time homebuyers, current zoning for duplex and small homes is appropriate, Wardcliff neighborhood opposition to rezoning, development will provide apartments for young families, best proposal available, necessity for affordable housing, developer made accommodations based on stated concerns.

ROLL CALL VOTE: YEAS: Trustees Opsommer, Sundland, Wisinski, Jackson, Supervisor Styka, Treasurer Deschaine

NAYS: Clerk Dreyfus

Motion carried 6-1

B. Rezoning #19050 (Fedewa Builders) - **Introduction**

Trustee Jackson moved to adopt the resolution to introduce Rezoning Petition #19050 to rezone 1.12 acres located at 5921 and 5929 Okemos Road from RR (Rural Residential) to RX (One and Two Family Residential) with conditions voluntarily offered by the applicant for publication and subsequent adoption. Seconded by Trustee Wisinski.

Board discussion: conditions provided, zoning density, appropriateness of duplexes, impact on traffic negligible, improve drain, some tree plantings offered conditionally.

ROLL CALL VOTE: YEAS: Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka, Trustees Wisinski, Opsommer, Jackson, Sundland

NAYS:

Motion carried 7-0

~~C. Recreational Marijuana~~ **MOVED TO JULY 9 REGULAR MEETING**

D. Commercial Planned Unit Development #19034 (Parks)

Treasurer Deschaine moved to adopt the resolution approving Commercial Planned Unit Development #19034 to establish Marketplace on the Green/Farmers' Market on an undeveloped parcel identified as Parcel Number 15-300-031 located on the south side of Central Park Drive, west of Marsh Road. Seconded by Clerk Dreyfus.

ROLL CALL VOTE: YEAS: Clerk Dreyfus, Supervisor Styka, Treasurer Deschaine, Trustees Opsommer, Wisinski, Sundland, Jackson

NAYS:

Motion carried 7-0

E. Downtown Development Authority TIF (Tax Increment Financing) Application, Policies and Procedures

Treasurer Deschaine moved to approve the Downtown Development Authority (DDA) Tax Increment Financing (TIF) Application, Policies and Procedures and allow them to be published on the Township Website and other venues for the development community to utilize. Seconded by Trustee Sundland.

Board discussion: appropriate use of TIF funds, belief TIF policies inappropriately driven by specific large-scale Village of Okemos proposed project, TIFs can over-reach and ignore need for

human-size development, concern with DDA and Downtown Okemos developer using same consulting firm, pros and cons of using of gap funding for development projects, TIFs can be applied for by other applicants in the DDA, belief TIF was appropriately developed first, Township has discretion in application approval, application review process has priority rankings and fair for applicants, funding availability, TIF loan checks and balances.

ROLL CALL VOTE: YEAS: Trustees Wisinski, Sundland, Jackson, Opsommer,
Supervisor Styka, Treasurer Deschaine

NAYS: Clerk Dreyfus

Motion carried 6-1

F. Newton Road Sanitary Sewer Public Improvement SAD #54 – Resolution #3

Trustee Opsommer moved to approve Newton Road Public Sanitary Sewer Improvement Special Assessment District #54 Resolution #3, which approves the construction; and to defray the cost thereof by special assessment against the properties specially benefited thereby; approves the plans and estimate of cost in the amount of \$60,000; declares the petition sufficient; determines the special assessment district; and directs the Supervisor to make a special assessment roll and affix a certificate to the completed special assessment roll. Seconded by Trustee Jackson.

ROLL CALL VOTE: YEAS: Treasurer Deschaine, Clerk Dreyfus, Supervisor Styka,
Trustees Wisinski, Opsommer, Jackson, Sundland

NAYS:

Motion carried 7-0

G. Tribute of Appreciation - Jane Rose

Supervisor Styka moved to adopt the Tribute of Appreciation for Jane Rose. Seconded by Clerk Dreyfus

VOICE VOTE: Motion carried 7-0

13. BOARD DISCUSSION ITEMS

A. Mixed Use Planned Unit Development (Village of Okemos)

Board discussion: waiver requests, inclusion of on-street parking, project amenities, overlays, possible future developments, environmental contamination, possible clean-up costs for contaminant removal, discovery of third gas station site, contaminant disposal process, additional cost of finance, details of proposed MUPUD, extremely high imperviousness (97%) vs 70% ordinance requirement, Block 2 vapor barrier restricts perviousness, proposal under review is new and needs to go to Planning Commission, public benefit of environmental cleanup and cost of infrastructure redevelopment, 599 parking spaces required by ordinance - 504 proposed, need for increased density due to repurposing, no alterations to building elevations reduces need to refer to Planning Commission, belief that Board should not over-manage details, perception of area blight,

health effects of contamination, benefits to area businesses, light pollution concerns, façade and wall coverings, use of vinyl siding on back elevations to allow higher-quality on front elevations, traffic studies and road improvement developments, inclusion of left-turn lane from Okemos Road to Clinton Road, possibility of one-way traffic on Hamilton Road, use of Traffic Control Orders by Township Board, reduction in available commercial space, financing parameters impact on reducing commercial space, expected rent costs roughly \$2.20/sq. ft, use of TIF funding.

Clerk Dreyfus moved to refer back to the Township Planning Commission for comments and recommendation on the changes that were presented to the Township Board at the June 18th Township Board Meeting and bring those recommendations back to the Township Board subsequent to the next Planning Commission meeting. Seconded by Trustee Jackson.

Board discussion: Planning Commission (PC) has not seen this proposal, big changes in density from previous proposal, referral to PC would follow standard Township procedure, timeframe allows for PC review, no need for PC referral due to nature of changes, if PC is in full support they will recommend approval, PC already supports proposed development, Board member belief that he doesn't need PC review or recommendation for his vote on MUPUD, no need to go to PC because Township Board makes the final decision.

VOICE VOTE: Motion failed 2 (Dreyfus, Jackson) - 5

Board consensus to place this item on for action at the next Board meeting.

B. Special Use Permit #19051 (Village of Okemos)

Director Kieselbach provided an overview of the Village of Okemos Special Use Permit and explained changes to the plan provided by the applicants prior to the meeting.

Board consensus to place this item on for action at the next Board meeting.

C. Annual Review of Meridian Township Investment Policy

Treasurer Deschaine provided an overview of the current Meridian Township Investment Policy.

Board discussion: influence of State law on investments, investment avenues, importance of safety / liquidity / yield, higher interest rates leads to improved yields, no adjustments to previous adoption.

Board consensus to place this item on for action at the next Board meeting.

14. COMMENTS FROM THE PUBLIC

Supervisor Styka Opened Public Remarks at 9:25 pm.

Supervisor Styka Closed Public Remarks at 9:26 pm.

15. OTHER MATTERS AND BOARD MEMBER COMMENTS

16. ADJOURNMENT

Trustee Opsommer moved to adjourn. Seconded by Trustee Wisinski.

VOICE VOTE: Motion carried 7-0

Supervisor Styka adjourned the meeting at 9:26 pm.

RONALD J. STYKA,
TOWNSHIP SUPERVISOR

BRETT DREYFUS,
TOWNSHIP CLERK



To: Board Members
From: Miriam Mattison, Finance Director
Date: July 9, 2019
Re: Board Bills

MOVED THAT THE TOWNSHIP BOARD APPROVE THE MANAGER'S
BILLS AS FOLLOWS:

COMMON CASH	197,117.17
PUBLIC WORKS	282,399.81
TRUST & AGENCY	0
TOTAL CHECKS:	\$ 479,516.98
CREDIT CARD TRANSACTIONS	\$ 16,798.62
June 12 to July 4	
TOTAL PURCHASES:	<u>\$ 496,315.60</u>
ACH PAYMENTS	<u>\$ 542,559.30</u>

Vendor Name	Description	Amount	Check #
1. IDENTITY AUTOMATION	IDENTITY AUTOMATION/2FA RENEWAL	660.00	
2. BETTY ANNE RUPLEY	FARMERS MARKET VENDOR 6/15/19	73.00	
3. 4ALLPROMOTIONS	300 SPORT FLYER FRISBEES	287.81	
4. 54-A DISTRICT COURT	CASH BOND	200.00	100824
5. A C & E RENTALS INC	SKIDSTEER ATTACHMENT, AUGER	60.00	
	LIGHT TOWER FOR CELEBRATE MERIDIAN	295.00	
	TOTAL	355.00	
6. AIRGAS GREAT LAKES	STANDING PO FOR MEDICAL OXYGEN	95.75	
7. ALLGRAPHICS CORP	JERSEYS U12 BOYS HASLETT AND OKEMOS TEAMS	423.80	
	HATS FOR YOUTH BASEBALL	268.45	
	SET OF SIZING JERSEYS	51.50	
	JERSEYS FOR U10=14 OKEMOS	963.80	
	TOTAL	1,707.55	
8. AMERICAN MECHANICAL	FULL REFUND - PERMIT NEVER ISSUED	125.00	
9. ANDREA MUNFORD	REFUND OF PARK PAVILION RENTAL	60.00	
10. APOLLO FIRE EQUIPMENT	HANNEY REWIND REEL F 2016-17-18 AND EQUIPMENT	915.00	
11. REFPAY TRUST ACCOUNT	DEPOSIT FOR OKEMOS UMPIRES U10-U14 SOFTBALL AND BA	4,920.00	
12. ASAP PRINTING	FORMS AND PAMPHLET PRINTING	66.02	
13. AT & T	NEW FIBER TO CENTRAL FIRE	1,079.70	
14. AT & T MOBILITY	MONTHLY SERVICE FOR INTERNET BACKUP	74.36	
15. AUTO VALUE OF EAST LANSING	FLEET REPAIR PARTS 2019	28.35	
16. AVI SYSTEMS INC	ANNUAL SUPPORT AGREEMENT	6,400.00	
17. BARYAMES CLEANERS	STANDARD POLICE UNIFORM CLEANING	692.45	
18. BLUE CROSS BLUE SHIELD OF MICHIGAN	RETIREE/COBRA HEALTH INSURANCE - JULY	2,326.26	100820
19. BOYNTON FIRE SAFETY SERVICE	ANNUAL FIRE SURPRESSION, BACKFLOW, AND EXTINGUISHE	175.00	
	ANNUAL FIRE SURPRESSION, BACKFLOW, AND EXTINGUISHE	305.00	
	ANNUAL FIRE SURPRESSION, BACKFLOW, AND EXTINGUISHE	305.00	
	ANNUAL FIRE SURPRESSION, BACKFLOW, AND EXTINGUISHE	240.00	
	ANNUAL FIRE SURPRESSION, BACKFLOW, AND EXTINGUISHE	540.00	
	ANNUAL FIRE SURPRESSION, BACKFLOW, AND EXTINGUISHE	65.00	
	ANNUAL FIRE SURPRESSION, BACKFLOW, AND EXTINGUISHE	220.00	
	TOTAL	1,850.00	
20. JEFFORY BROUGHTON	RADIO MAINTENANCE FOR POLICE	239.70	
	STANDING PO FOR RADIO MAINTENANCE/PARTS/EQUIP.	470.00	
	TOTAL	709.70	
21. BSN SPORTS	SOCKS FOR 1-4 GRADE OKEMOS HASLETT BASEBALL SOFTBA	907.46	
22. BRIAN CANEN	MILEAGE TO COURT	53.36	
23. CDW	CDW CISCO MERAKI 3 YEAR 15 DEVICES	720.00	

Vendor Name	Description	Amount	Check #
24. CINTAS CORPORATION #725	MECHANICS UNIFORMS 2019	48.35	
25. CINZORIE FARMS LLC	FARM MARKET VENDOR	80.00	
26. CITY PULSE	TWP NOTICES	60.36	
	TWP NOTICES	67.91	
	TOTAL	128.27	
27. CMP DISTRIBUTORS INC.	RETENTION FOR PISTOLS	147.00	
28. COMCAST	INTERNET & TV FOR 7-1-19 TO 7-31-19	329.55	
	MONTHLY SERVICE	193.11	
	EXTRA TV DROPS AT PSB MONTHLY SERVICE	22.37	
	MONTHLY SERVICE	136.85	
	TOTAL	681.88	
29. CONSUMERS ENERGY	PAYMENT TO RESTORE SERVICE FOR C. ADAMSKI	186.57	100825
30. CONSUMERS ENERGY	ELECTRIC USE FOR 5523 OKEMOS	25.40	
31. COUNTRY HOUSE & SPARTAN BREWPUB	MONEY FOR PORK FAN A FUNDRAISER FOR KIDS X-MAS	800.00	
32. COUNTRY MILL FARMS	REFUND OF OVERPAYMENT FOR FOOD TRUCK RALLY	50.00	
33. COURTESY FORD	FORD FLEET REPAIR PARTS 2019	264.29	
	FORD FLEET REPAIR PARTS 2019	538.28	
	FORD FLEET REPAIR PARTS 2019	38.65	
	GAS ENGINE REPAIR	55.00	
	WHEEL ALIGNMENT AND DIAGNOSIS	163.00	
	TOTAL	1,059.22	
34. DEAN CROSS	FARM MARKET VENDOR	6.00	
35. CUMMINS BRIDGEWAY LLC	GENERATOR MAINTENACE 2019	250.00	100821
	INSTALL CRANKCASE HEATER CFS GENERATOR	405.57	
	TOTAL	655.57	
36. CURRY IN A HURRY	REFUND OF OVER PAYMENT FOR FOOD TURCK RALLY	100.00	
37. DAN HENRY DISTRIBUTING CO.	BEER AND WINE VENDOR FOR CELEBRATE MERIDIAN	3,950.60	100823
38. DANIEL J STILES	DJ FOR CELEBRATE MERIDIAN	200.00	
39. DBI	HIGHLIGHTER PKT	6.65	
	LABELS	24.99	
	OFFICE SUPPLIES	44.22	
	TOTAL	75.86	
40. DELHI CHARTER TOWNSHIP	ASSISTANCE WITH GRASS FIRE	373.50	
41. DESIGNS BY NATURE	NATIVE PLANT SALE SUPPLIER	3,079.50	
42. KELSEY DILLON	MILEAGE FOR JUNE 2019	36.30	
43. EXCEL ELECTRIC INC	REFUND OVERPM'T PERMIT PE190335	15.00	
44. FEDEX	SHIPPING COST	8.10	
45. FIRE SERVICE MANAGEMENT	STANDING PO FOR FIRE GEAR CERT./CLEANING	238.00	

Vendor Name	Description	Amount	Check #
46. FISHBECK, THOMPSON, CARR & HUBER	MUNI BLDG ENGINEERING SERVICES	19,444.60	
47. FORESIGHT GROUP	#10 ENVELOPES	358.35	
	#10 WINDOW ENVELOPES	475.66	
	WATER BILL MAILING 6/15/19	233.35	
	TOTAL	1,067.36	
48. FROM SCRATCH	REFUND OF OVER PAYMENT FOR FOOD TRUCK RALLY	100.00	
49. FRONT LINE APPRAISAL INC	APPRAISAL OF HANNAH LOFTS	4,850.00	
50. GLOBAL TECHNOLOGY SYSTEMS INC	SINGLE BAY UNIVERSAL CHARGER	126.11	
51. GO GROW PLANT NATIVE, LLC	NATIVE PLANTS SALE SUPPLIER	615.00	
52. H.C. BERGER COMPANY	COPIER LEASE 5/15/19 -6/14/19	1,119.20	
53. HALT FIRE INC	LOW COOLANT PROBE	64.03	
54. HAMMOND FARMS	LANDSCAPE MULCH 2019	43.92	
	LANDSCAPE MULCH 2019	90.00	
	LANDSCAPE MULCH 2019	87.84	
	LANDSCAPE MULCH 2019	87.84	
	LANDSCAPE MULCH 2019	87.84	
	LANDSCAPE MULCH 2019	87.84	
	TOTAL	485.28	
55. HARDIN'S CONCESSIONS	REFUND OF OVER PAYMENT FOR FOOD TRUCK RALLY	125.00	
56. THE HARKNESS LAW FIRM PLLC	LEGAL FEES-UTC	6,976.17	
57. HASLETT PUBLIC SCHOOLS	2019 2ND QTR MAINTENANCE REIMBURSEMENTS	4,434.39	
58. HITCHES & MORE, INC	RUNNING BOARDS & 2.5' HITCH INSTALLED	795.00	
59. DANIELLE HUGHES	MILEAGE FOR MAY 2019	13.92	
60. INGHAM TOWNSHIP FIRE DEPARTMENT	ASSISTANCE WITH GRASS FIRE	220.50	
61. JOHN DEERE FINANCIAL	FLEET FUEL 2019	12,533.73	
62. JOHNSON CONTROLS	NO HVAC IN PSB - SYSTEM SHUT DOWN	994.50	
63. KEBS INC	DESIGN AND ENGINEERING SERVICES FOR FARMERS MARKET	6,059.50	
64. KENTWOOD OFFICE FURNITURE	KENTWOOD OFFICE CHAIR FOR SUPERVISOR STYKA	565.21	
65. KONA ICE OF EAST LANSING	REFUND OF OVER PAYMENTFOR FOOD TRUCK RALLY	50.00	
66. LANSING SANITARY SUPPLY INC	STATE CONTRACT CUSTODIAL SUPPLIES 2019	814.75	
67. LANSING UNIFORM COMPANY	STANDARD POLICE UNIFORM PURCHASES	129.00	
	STANDARD POLICE UNIFORM PURCHASES	324.00	
	STANDARD POLICE UNIFORM PURCHASES	39.95	
	STANDARD POLICE UNIFORM PURCHASES	15.70	
	POLICE UNIFORM PURCHASE - SHOES AND BOOTS	189.95	
	STANDARD POLICE UNIFORM PURCHASES	34.30	
	TOTAL	732.90	
68. LAZY MAN BAR-B-QUE	REFUND OF OVER PAYMENT FOR FOOD TRUCK RALLY	100.00	

Vendor Name	Description	Amount	Check #
69. LUKE LANDSCAPE CO	MOWING SERVICES	60.00	
	MOWING SERVICES	60.00	
	MOWING SERVICES	80.00	
	MOWING SERVICES	975.00	
	MOWING SERVICES	55.00	
	TOTAL	1,230.00	
70. MADISON NATIONAL LIFE INS CO	JULY PREMIUM	3,381.60	100826
71. MANAGED SPECIALTY SERVICES LLC	PEAT ZORB ORDER	663.55	
72. MANNIK AND SMITH	2019 PASER RATINGS FOR LOCAL ROADS	6,538.00	
73. MAYBERRY HOMES	REFUND PG#17-02 2525 LUPINE	1,500.00	
74. MCKENNA CURRAH	MILEAGE FOR JUNE 2019	41.99	
75. MEDICAL MANAGEMENT SYSTEMS OF	AMBULANCE BILLING SERVICE	6,883.77	
76. MEI TOTAL ELEVATOR SERVICES	2019 ELEVATOR SERVICE - JUN - AUG SERVICE	145.00	
77. MERIDIAN TOWNSHIP	TRANSFER FOR FLEX CHECKING FOR 6/21/19 PAYROLL	870.23	
78. MERIDIAN TOWNSHIP DDA	2018 COUNTY SETTLEMENT FUND	3,350.59	
79. MERIDIAN TOWNSHIP RETAINAGE	OKEMOS ROAD BOARDWALK 2019	1,000.00	100822
80. MMR INVESTMENTS LLC	OVERPAYMENT OF REPLACEMENT SPECIAL ASSESSMENT PAYM	20.00	
81. MCKESSON MEDICAL-SURGICAL	GOV SOL		
	6 AED STAT PADS	441.87	
	STANDING PO FOR EMS SUPPLIES/EQUIPMENT	420.35	
	TOTAL	862.22	
82. NIESA	ASSISTANCE WITH GRASS FIRE	1,440.00	
83. NORTH AMERICAN RESCUE	36 TOURNIQUETS AND HOLDERS	1,700.00	
84. OFFICE DEPOT	WHITE COPY PAPER	1,574.55	
	OFFICE SUPPLIES	75.67	
	TOTAL	1,650.22	
85. OVERHEAD DOOR OF LANSING	EMERGENCY OVERHEAD DOOR REPAIR - NORTH FIRE STATIO	1,238.50	
	REPLACED SPRING BOX AT NORTH FIRE STATION	74.28	
	TOTAL	1,312.78	
86. THE PEN GUY	1000 POLICE PENS	694.00	
87. PETEY'S DONUTS LLC	REFUND OF OVERPAYMENT FOR FOOD TRUCK RALLY	50.00	
88. POSTMASTER	POSTAGE FOR UTILITY BILL 7-1-19	1,258.45	100827
	POSTAGE FOR TEMP POLL CARDS	478.63	
	TOTAL	1,737.08	
89. PRINTING SYSTEMS INC	AV POSTCARDS	1,233.84	
	AV BALLOT ENVELOPES	1,117.31	
	TOTAL	2,351.15	
90. PROTEC	ANNUAL MEMBERSHIP	4,961.00	

Vendor Name	Description	Amount	Check #
91. PRO-TECH MECHANICAL SERVICES			
	REAPIR AC IN SERVER ROOM	120.00	
	2019 HVAC MAINTENANCE	4,206.25	
	TOTAL	4,326.25	
92. PRO-TECH SALES			
	1 BALLISTIC VEST (DUTY)	839.00	
93. RM ELECTRIC INC			
	TRENCH AND INSTALL 20 AMP SERVICE TO DOG PARK PER	4,557.35	
94. ROWERDINK AUTOMOTIVE PARATS			
	FLEET REPAIR PARTS 2019	723.36	
	FLEET REPAIR PARTS 2019	12.80	
	TOTAL	736.16	
95. SAFETY SYSTEMS INC			
	ANNUAL ALARM MONITORING AND SERVICING AGREEMENT	2,634.00	
96. SHELLY WHITE			
	REFUND FOR OVER PAYMENT FOR FOOD TRUCK RALLY	50.00	
97. SKYLINE OUTDOOR			
	CHANGE WINDOW HOURS	25.00	
98. SMARTSIGN			
	SIGNS FOR PARK BENCHES	232.50	
99. SOLDAN'S FEED & PET SUPPLIES			
	CANINE SUPPLIES FOR ONE DOG	56.99	
	CANINE SUPPLIES FOR ONE DOG	56.99	
	TOTAL	113.98	
100 SPARROW OCCUPATIONAL			
	PHYSICALS	974.00	
	PHYSICALS	1,169.00	
	PHYSICALS	696.12	
	TOTAL	2,839.12	
101 SPARROW CARES			
	QUARTERLY BILLING JULY TO SEPTEMBER - CARES	950.00	
102 SPARTAN BARRICADING			
	BARRICADES FOR CELEBRATE MERIDIAN	858.00	
103 ST MARTHA CONFERENCE OF			
	REIMBURSEMENT FOR PAYMENT TO AVOID EVICTION FERMAN	592.62	100829
104 STANDARD ELECTRIC CO			
	ELECTRIC SUPPLIES 2019	205.25	
105 STATE OF MICHIGAN			
	LIFE SUPPORT VEHICLE LICENSE APPLICATION FEE	25.00	100828
106 SUPERIOR KETTLE CORN			
	REFUND OVERPAYMENT FOR FOOD TRUCK RALLY	50.00	
107 SUPREME SANITATION			
	PORTABLE TOILET RENTAL	340.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	85.00	
	PORTABLE TOILET RENTAL	160.00	
	PORTABLE TOILET RENTAL	3,195.00	
	TOTAL	4,375.00	
108 SWAGIT PRODUCTIONS, LLC			
	VIDEO STREAMING SERVICES	3,462.00	
	VIDEO STREAMING SERVICES	3,462.00	
	TOTAL	6,924.00	

Vendor Name	Description	Amount	Check #
109 TDS	PHONE BLL FOR JUNE 2019	1,363.42	
110 TEAM FINANCIAL GROUP	JULY CONTRACT PAYMENT	1,471.50	
111 TECHMARK INC	OVERPAYMENT FOR PERMIT FOR 2289 BARNSBURY RD	15.00	
112 THE SMOKE N PIG BBQ	REFUND OF OVERPAYMENT FOR FOOD TRUCK RALLY	100.00	
113 TITUS FARM LLC	FARM MARKET VENDOR	108.00	
114 LEAH TRACIAK	FITNESS OVER 50 JUNE 3,5,12,17,19,26	96.00	
115 TRUGREEN	FIELD WEED AND FEED 2019	1,626.00	
116 USA TODAY NETWORK	NEWSPAPER NOTICES	2,000.00	
117 VARIPRO BENEFIT ADMINISTRATORS	FLEX ADMINISTRATION JULY	175.00	
118 VIRIDIS DESIGN GROUP	ENGINEERING SERVICES FOR HNC PAVILION AND RESTROOM	3,900.00	
119 WESTPHALIA ELECTRIC INC	REFUND OVERPM'T OF PERMIT #PE-19-0306	15.00	
120 WILDTYPE DESIGN	PLANTS FOR SOWER WOODS PRESERVE	241.80	
121 YEO & YEO	PROGRESS BILLING AND GASB75 FEE	14,750.00	
TOTAL - ALL VENDORS		197,117.17	

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 DB: Meridian

INVOICE APPROVAL BY INVOICE REPORT FOR CHARTER TOWNSHIP OF MERIDIAN
 EXP CHECK RUN DATES 06/19/2019 - 07/09/2019
 BOTH JOURNALIZED AND UNJOURNALIZED OPEN AND PAID
 BANK CODE: PWHZ

Vendor Name	Description	Amount	Check #
1. BLUE CROSS BLUE SHIELD OF MICHIGAN	RETIREE/COBRA HEALTH INSURANCE - JULY	511.19	27811
2. C & S SOLUTIONS	SCHOHSTEDT MAGGIE METER MAGNETIC LOCATOR	719.95	
3. CITY OF EAST LANSING	2019-2020 ELMWSA OPERATING COST SHARE- (JULY TO DE	269,779.17	
4. CUMMINS BRIDGEWAY LLC	GENERATOR MAINTENACE 2019	250.00	27812
5. JACK DOHENY COMPANIES INC	VACTOR PARTS	429.00	
	VACTOR PARTS	123.00	
	EMERGENCY CAMERA REPAIR	1,373.80	
	TOTAL	1,925.80	
6. JOHN GESKE	OVERPAID ON FINAL UTILITY BILL	10.00	
7. MADISON NATIONAL LIFE INS CO	JULY PREMIUM	391.70	27813
8. MICHIGAN RURAL WATER ASSOC	ANNUAL MEMBERSHIP FOR 7-1-19 TO 6-30-2020	850.00	
9. MIKE & SON ASPHALT	DEPOSIT FOR WATER REPAIR ON HATCH ROAD	2,000.00	27814
10. CARL SCHLEGEL INC	SAND , GRAVEL & TOPSOIL 2019	920.00	
	SAND , GRAVEL & TOPSOIL 2019	794.40	
	TOTAL	1,714.40	
11. ROBERT STACY	REIMBURSEMENT FOR WATER LICENSE TEST AND MILEAGE	166.16	
12. TDS	TELEPHONE BILL FOR JUNE 2019	138.84	
13. TITLE RESOURCE AGENCY	REFUND OF OVERPAYMENT ON 4658 NAKOMA DR. OKEMOS	225.00	
14. TRAFFIC SAFETY STORE	TRAFFIC CONTROL SIGNS	1,552.60	
15. TRI TITLE AGENCY LLC	REFUND OF OVERPAYMEN ON FINAL 3807 CHIPPENDALE CIR	165.00	
16. KENNETH D ZENNER	REIMB PGE 18-40 @ 6089 SLEEPY HOLLOW CR#121285	2,000.00	
TOTAL - ALL VENDORS		282,399.81	

Posting Date	Transaction Merchant Name	Transaction Amount	Account Name
2019/07/01	1206 DOMINOS PIZZA	\$52.00	LUANN MAISNER
2019/07/02	3VGEAR	\$48.16	WILLIAM PRIESE
2019/06/25	ADOBE *ACROPRO SUBS	\$15.89	DENISE GREEN
2019/06/26	ADOBE *ACROPRO SUBS	\$15.89	DEREK PERRY
2019/06/27	AMAZON.COM*M63OR4WC2 AMZN	\$18.69	MICHELLE PRINZ
2019/06/13	AMAZON.COM*M64A87BU1 AMZN	\$17.99	MICHELLE PRINZ
2019/06/24	AMAZON.COM*M665G67X0	\$157.36	MARK VROMAN
2019/06/19	AMAZON.COM*M68IV3H20 AMZN	\$179.97	KRISTI SCHAEADING
2019/06/18	AMAZON.COM*M699V5HP0 AMZN	\$119.98	KRISTI SCHAEADING
2019/07/01	AMAZON.COM*MH2ER0CT0 AMZN	\$6.66	MICHELLE PRINZ
2019/07/02	AMERICAN PLANNING A	\$95.00	DEBBIE BUDZYNSKI
2019/06/19	AMZN MKTP US*M62PB19J1 AM	\$13.47	MICHELLE PRINZ
2019/06/26	AMZN MKTP US*M63IR9U60	\$49.89	KATHERINE RICH
2019/06/17	AMZN MKTP US*M64A936O1 AM	\$80.85	CATHERINE ADAMS
2019/06/24	AMZN MKTP US*M64Q68SG0 AM	\$173.59	MICHAEL DEVLIN
2019/06/17	AMZN MKTP US*M650R0GN0 AM	\$9.98	CATHERINE ADAMS
2019/06/24	AMZN MKTP US*M670C4SD0 AM	\$359.94	MICHELLE PRINZ
2019/06/17	AMZN MKTP US*M684W75G2 AM	\$92.87	CATHERINE ADAMS
2019/06/13	AMZN MKTP US*M69A120J0	\$19.50	CATHERINE ADAMS
2019/06/26	AMZN MKTP US*MH0094LY1	\$25.49	MICHELLE PRINZ
2019/06/25	AMZN MKTP US*MH4GJ74Q1	\$16.58	MICHELLE PRINZ
2019/06/26	AMZN MKTP US*MH8FI7ZM1	\$5.52	MICHELLE PRINZ
2019/06/14	APL* ITUNES.COM/BILL	\$74.13	STEPHEN GEBES
2019/06/21	APL* ITUNES.COM/BILL	(\$4.20)	STEPHEN GEBES
2019/07/01	AUTOZONE 4377	\$5.35	MARK VROMAN
2019/07/04	AWWA.ORG	\$218.00	CHAD HOUCK
2019/06/26	BARNEYS POLICE SUPPLIE	\$164.98	KYLE ROYSTON
2019/06/24	BAYMONT INN KALAMAZOO	\$129.00	BRETT DREYFUS
2019/06/17	BELLE TIRE 044	\$60.00	JIM HANSEN
2019/06/17	BELLE TIRE 044	\$60.00	JIM HANSEN
2019/06/21	CAMPUS WOK	\$17.44	BRETT DREYFUS
2019/07/01	COMCAST	\$21.62	ANDREA SMILEY
2019/06/17	COMPLETE BATTERY SOURCE	\$21.21	TYLER KENNEL
2019/06/21	COMPLETE BATTERY SOURCE	\$216.81	BART CRANE
2019/06/28	COMPLETE BATTERY SOURCE	\$86.66	WILLIAM PRIESE
2019/06/28	COMPLETE BATTERY SOURCE	\$222.77	WILLIAM PRIESE
2019/07/03	COMPLETE BATTERY SOURCE	\$121.07	WILLIAM PRIESE
2019/06/19	COSTCO WHSE#1277	\$44.76	MICHAEL DEVLIN
2019/06/20	COSTCO WHSE#1277	\$15.99	DARCIE WEIGAND
2019/06/21	COSTCO WHSE#1277	\$14.99	DARCIE WEIGAND
2019/06/17	COVERT WIRELESS COM	\$0.46	BART CRANE
2019/06/17	COVERT WIRELESS COM	\$18.99	BART CRANE
2019/06/20	CROSSROADS GRILL & BAR	\$16.23	FRANK L WALSH
2019/06/28	CROWN AWARDS INC	\$51.04	DARCIE WEIGAND
2019/06/14	D & G EQUIPMENT INC	\$63.14	TODD FRANK
2019/07/02	D & G EQUIPMENT INC	\$49.91	JIM HANSEN
2019/06/24	DELTA COLLEGE FOOD SERV	\$7.67	RICHARD GRILLO
2019/06/13	DISPLAY SALES CO	\$339.00	PETER VASILION
2019/07/01	DOMINO'S 1206	\$71.00	LUANN MAISNER
2019/07/01	DOMINO'S 1206	\$57.00	LUANN MAISNER
2019/07/01	DOMINO'S 1206	\$85.00	LUANN MAISNER
2019/07/02	DROPBOX*11HD893L2DZY	\$99.00	BENJAMIN MAKULSKI
2019/06/26	EATON FARM COOP MASON	\$90.95	ROBIN FAUST
2019/06/18	EH WACHS	\$255.10	CHAD HOUCK

2019/06/19	EVIDENT INC	\$78.75	KRISTI SCHAEDING
2019/07/04	FACEBK 7HQ5GLE862	\$30.00	DARCIE WEIGAND
2019/07/01	FACEBK 9CJGBMN9U2	\$25.00	ANDREA SMILEY
2019/07/01	FACEBK K638VKN692	\$21.04	MICHAEL DEVLIN
2019/07/01	FACEBK NH5TBMJMT2	\$50.00	DEBORAH GUTHRIE
2019/06/27	FACEBK PK6DAMN9U2	\$25.00	ANDREA SMILEY
2019/07/01	FACEBK RCCRHLSMT2	\$28.50	DEBORAH GUTHRIE
2019/07/01	FACEBK W5SLDMWMT2	\$50.00	DEBORAH GUTHRIE
2019/06/17	FEDEX 787857644270	\$35.83	WILLIAM PRIESE
2019/06/20	FEDEX 787956272530	\$24.72	WILLIAM PRIESE
2019/06/24	FEDEX 788033115369	\$27.67	WILLIAM PRIESE
2019/06/24	FEDEX 930381654538	\$6.35	BART CRANE
2019/07/03	FILMFREEWAY.COM	\$240.00	BENJAMIN MAKULSKI
2019/07/01	FIRESIDE GRILL	\$26.89	MICHAEL HAMEL
2019/07/02	FORESIGHT GROUP INC	\$40.50	WILLIAM PRIESE
2019/06/14	GFS STORE #1901	\$134.42	KATHERINE RICH
2019/06/17	GFS STORE #1901	\$38.16	DARCIE WEIGAND
2019/06/21	GFS STORE #1901	\$30.46	ANDREA SMILEY
2019/06/24	GFS STORE #1901	\$106.62	ROBERT STACY
2019/06/25	GILLETTES INTERSTATE RV I	\$706.73	WILLIAM PRIESE
2019/06/14	GRAINGER	\$26.96	ROBERT STACY
2019/06/18	GRAINGER	\$89.78	ROBERT STACY
2019/06/19	GRAINGER	\$69.64	ROBERT MACKENZIE
2019/06/21	GRAINGER	\$40.59	TYLER KENNELL
2019/06/25	GRAINGER	(\$12.98)	ROBERT MACKENZIE
2019/06/28	GRAINGER	\$33.42	TYLER KENNELL
2019/06/13	HARBOR FREIGHT TOOLS 157	\$52.90	TYLER KENNELL
2019/06/14	HASLETT TRUE VALUE HARDW	\$20.99	KYLE ROYSTON
2019/06/25	HASLETT TRUE VALUE HARDW	\$17.49	WILLIAM PRIESE
2019/06/27	HASLETT TRUE VALUE HARDW	\$119.23	PETER VASILION
2019/06/24	HOBBY LOBBY #360	\$34.92	CATHERINE ADAMS
2019/07/01	HOBBY LOBBY #360	\$130.00	RICHARD GRILLO
2019/06/14	HOMEDEPOT.COM	\$44.98	KELSEY DILLON
2019/06/17	HOMEDEPOT.COM	\$62.98	KELSEY DILLON
2019/06/14	HONEYBAKED HAM 1709-P2PE	\$205.09	MICHELLE PRINZ
2019/06/17	HONEYBAKED HAM 1709-P2PE	(\$205.09)	MICHELLE PRINZ
2019/06/17	HONEYBAKED HAM 1709-P2PE	\$177.79	MICHELLE PRINZ
2019/06/28	IN *JOHNSON, ROBERTS, & A	\$15.00	KRISTI SCHAEDING
2019/06/13	IN *OLD TIME WOODEN NICKE	\$224.92	ROBIN FAUST
2019/06/28	INTERNATION	\$720.00	MICHELLE PRINZ
2019/06/27	INT'L CODE COUNCIL INC	\$111.00	JOHN HECKAMAN
2019/06/14	KIMBALL MIDWEST	\$258.30	TODD FRANK
2019/06/20	KROGER #793	\$75.93	ANDREA SMILEY
2019/07/01	LANSING COMMUNITY COLL	\$133.00	WILLIAM PRIESE
2019/06/13	LEA DATA TECHNOLOGIES	\$100.00	SCOTT DAWSON
2019/06/13	LEXISNEXIS RISK SOL EPIC	\$72.25	KRISTI SCHAEDING
2019/06/13	MEIJER # 025	\$5.24	PETER VASILION
2019/06/14	MEIJER # 025	\$64.00	KATHERINE RICH
2019/06/14	MEIJER # 025	\$96.85	CATHERINE ADAMS
2019/06/20	MEIJER # 025	\$62.07	KELSEY DILLON
2019/06/20	MEIJER # 025	\$19.48	KYLE ROYSTON
2019/06/24	MEIJER # 025	\$140.00	DARLA JACKSON
2019/06/24	MEIJER # 025	\$38.46	CATHERINE ADAMS
2019/07/01	MEIJER # 025	\$26.34	BRAD BACH
2019/07/01	MEIJER # 025	\$54.45	KELSEY DILLON

2019/07/01	MEIJER # 025	\$48.95	KYLE ROYSTON
2019/07/01	MEIJER # 025	\$68.85	DENNIS ANTONE
2019/07/01	MEIJER # 025	\$16.00	KENNITH PHINNEY
2019/07/01	MEIJER # 025	\$39.43	MICHAEL DEVLIN
2019/07/01	MEIJER # 025	\$44.52	CATHERINE ADAMS
2019/06/17	MICHIGAN METER #3373	\$249.97	DAVID LESTER
2019/06/27	MICHIGAN MUNICIPAL LEAGUE	\$449.00	MICHELLE PRINZ
2019/06/27	MICHIGAN MUNICIPAL LEAGUE	\$898.00	MICHELLE PRINZ
2019/07/04	MICHIGAN POLICE EQUIPMENT	\$28.00	KYLE ROYSTON
2019/06/20	MIDWEST POWER EQUIPMENT	\$248.94	MATT FOREMAN
2019/07/03	MIDWEST POWER EQUIPMENT	\$181.64	KEITH HEWITT
2019/07/01	MUNICIPAL SUPPLY COMPAN	\$280.00	ROBERT STACY
2019/07/01	MUNICIPAL SUPPLY COMPAN	\$280.00	ROBERT STACY
2019/07/02	NATIONAL ARCHERY ASSOC	\$60.00	CATHERINE ADAMS
2019/06/19	NATIONAL HOSPITALITY INST	\$195.00	SCOTT DAWSON
2019/06/20	NATIONAL RECREATION &	\$70.00	DARCIE WEIGAND
2019/06/27	NATIONAL REGISTRY EMT	\$75.00	ANDREW MCCREADY
2019/06/14	NFPA NATL FIRE PROTECT	\$150.00	TAVIS MILLEROV
2019/06/25	NUTRON NAMEPLATE INC	\$150.00	CATHERINE ADAMS
2019/06/28	ODG*LAMPSPROS	\$65.98	WILLIAM PRIESE
2019/06/17	OFFICEMAX/OFFICEDEPT#3379	\$32.25	WILLIAM PRIESE
2019/06/24	OFFICEMAX/OFFICEDEPT#3379	\$11.59	KELSEY DILLON
2019/06/24	OFFICEMAX/OFFICEDEPT#3379	\$37.25	KELSEY DILLON
2019/07/01	OFFICEMAX/OFFICEDEPT#3379	\$19.35	KELSEY DILLON
2019/06/20	PANERA BREAD #600715 P	\$15.83	WILLIAM PRIESE
2019/06/21	PARKING LANSING CENTER	\$7.00	CHRIS BUCK
2019/06/17	PARTY CITY 1002	\$63.78	KELSEY DILLON
2019/06/28	PARTY CITY 492	\$157.65	DARCIE WEIGAND
2019/06/26	PAYPAL *CITYSPARK	\$10.00	ANDREA SMILEY
2019/06/20	PK SAFETY SUPPLY	\$125.00	WILLIAM PRIESE
2019/07/03	POSPAPER.COM	\$318.63	STEPHEN GEBES
2019/06/21	QUALITY DAIRY 31120025	\$14.18	WILLIAM PRIESE
2019/07/01	QUALITY DAIRY 31280027	\$8.97	ANDREW MCCREADY
2019/06/24	RADISSON	\$148.19	BRETT DREYFUS
2019/06/24	SAFETYSIGN.COM	\$243.92	KELSEY DILLON
2019/06/17	SOLDANS FEEDS & PET S	\$10.64	KATHERINE RICH
2019/06/20	SOLDANS FEEDS & PET S	\$16.98	KELSEY DILLON
2019/06/24	SOLDANS FEEDS & PET S	\$10.74	CATHERINE ADAMS
2019/07/01	SPEEDWAY 02298 GRN	\$19.96	ROBIN FAUST
2019/06/20	STATE DEQ MEDICAL WASTE	\$75.00	WILLIAM PRIESE
2019/07/01	STATE OF MI EMS	\$25.00	WILLIAM PRIESE
2019/07/01	STATE OF MI EMS	\$50.00	WILLIAM PRIESE
2019/06/25	TELREPCO INC	\$474.00	STEPHEN GEBES
2019/06/13	THE HOME DEPOT #2723	\$3.98	KELSEY DILLON
2019/06/13	THE HOME DEPOT #2723	\$120.60	KELSEY DILLON
2019/06/13	THE HOME DEPOT #2723	\$8.54	CHAD HOUCK
2019/06/13	THE HOME DEPOT #2723	\$7.96	PETER VASILION
2019/06/13	THE HOME DEPOT #2723	\$22.83	PETER VASILION
2019/06/14	THE HOME DEPOT #2723	\$46.91	ROBERT STACY
2019/06/14	THE HOME DEPOT #2723	\$7.22	PETER VASILION
2019/06/17	THE HOME DEPOT #2723	\$13.27	PETER VASILION
2019/06/17	THE HOME DEPOT #2723	\$37.22	DAVID LESTER
2019/06/17	THE HOME DEPOT #2723	\$13.61	MATT FOREMAN
2019/06/20	THE HOME DEPOT #2723	\$11.73	DENNIS ANTONE
2019/06/20	THE HOME DEPOT #2723	\$9.97	DAVID LESTER

2019/06/20	THE HOME DEPOT #2723	\$14.33	TOM OXENDER
2019/06/20	THE HOME DEPOT #2723	\$31.76	TOM OXENDER
2019/06/20	THE HOME DEPOT #2723	\$24.97	MATT FOREMAN
2019/06/20	THE HOME DEPOT #2723	\$3.32	MATT FOREMAN
2019/06/20	THE HOME DEPOT #2723	\$31.92	MATT FOREMAN
2019/06/24	THE HOME DEPOT #2723	\$140.18	LAWRENCE BOBB
2019/06/24	THE HOME DEPOT #2723	\$9.97	ROBERT STACY
2019/06/24	THE HOME DEPOT #2723	\$29.97	TODD FRANK
2019/06/24	THE HOME DEPOT #2723	\$25.24	KEITH HEWITT
2019/06/26	THE HOME DEPOT #2723	\$56.50	DAVID LESTER
2019/06/26	THE HOME DEPOT #2723	\$18.23	DAN PALACIOS
2019/06/27	THE HOME DEPOT #2723	\$13.98	MIKE ELLIS
2019/06/27	THE HOME DEPOT #2723	\$21.91	DAVID LESTER
2019/06/28	THE HOME DEPOT #2723	\$24.97	JOHN HECKAMAN
2019/07/01	THE HOME DEPOT #2723	\$15.51	CHAD HOUCK
2019/07/01	THE HOME DEPOT #2723	\$3.40	DENNIS ANTONE
2019/07/01	THE HOME DEPOT #2723	\$21.12	KENNITH PHINNEY
2019/07/01	THE HOME DEPOT #2723	\$11.89	KEITH HEWITT
2019/07/01	THE HOME DEPOT #2723	\$12.20	KEITH HEWITT
2019/07/03	THE HOME DEPOT #2723	(\$28.38)	TYLER KENNEL
2019/07/03	THE HOME DEPOT #2723	\$28.38	TYLER KENNEL
2019/07/03	THE HOME DEPOT #2723	\$22.92	TYLER KENNEL
2019/07/04	THE HOME DEPOT #2723	\$5.98	KEITH HEWITT
2019/06/17	TOM'S FOOD	\$17.76	DENNIS ANTONE
2019/06/20	TOM'S FOOD	\$49.99	ANDREA SMILEY
2019/06/21	TOM'S FOOD	\$154.96	ANDREA SMILEY
2019/07/03	TOP HAT CRICKET FARM INC	\$25.65	CATHERINE ADAMS
2019/06/26	TRACTOR-SUPPLY-CO #0638	\$164.97	TODD FRANK
2019/07/01	TSI*SERVICE	\$140.00	WILLIAM PRIESE
2019/06/17	VERIZON WRLS 40000-50	(\$67.47)	STEPHEN GEBES
2019/06/17	VERIZON WRLS 40000-50	(\$119.82)	STEPHEN GEBES
2019/06/17	VIECO INC. DBA PROMOTIONC	\$40.00	LUANN MAISNER
2019/06/13	WAL-MART #2866	\$72.72	CATHERINE ADAMS
2019/06/20	WAL-MART #2866	\$14.19	KELSEY DILLON
2019/06/20	WAL-MART #2866	\$39.72	MATT FOREMAN
2019/06/26	WAL-MART #2866	\$7.44	ROBIN FAUST
2019/06/28	WAL-MART #2866	\$128.25	JANE GREENWAY
2019/06/28	WAL-MART #2866	\$140.19	JANE GREENWAY
2019/07/01	WAL-MART #2866	(\$140.19)	JANE GREENWAY
2019/06/27	WWW.CLEVERBRIDGE.NET	\$495.00	STEPHEN GEBES
2019/06/21	ZORO TOOLS INC	\$173.00	WILLIAM PRIESE

Total	\$16,798.62
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ACH Transactions

Date	Payee	Amount	Purpose
06/24/19	Meridian Township	10.00	Utility Billing
06/28/19	Blue Care Network	26,957.20	Employee Health Insurance
07/02/19	Blue Care Network	60,379.00	Employee Health Insurance
06/19/19	Consumers Energy	45,487.88	Electric & Gas
06/21/19	Health Equity	4,012.38	Employee Health Savings Contribution
06/21/19	ICMA	36,117.90	Payroll Deductions 6/21/19 Payroll
06/21/19	Nationwide	3,466.68	Payroll Deductions 6/21/19 Payroll
06/21/19	IRS	11,459.46	Payroll Taxes 6/21/19 Payroll
06/27/19	OPEB	60,000.00	Other Post Employee Benefits
06/17/19	Elan	26,193.08	Credit Card Payment - May
07/03/19	State of MI	750.81	Escheated Checks
06/21/19	Various Financial Institutions	267,279.01	Direct Deposit 6/21/19 Payroll
06/21/19	Various Financial Institutions	445.90	Direct Deposit 6/21/19 Payroll
Total ACH Payments		<u><u>542,559.30</u></u>	



11.A. & 13.A.

To: Township Board Members

**From: Derek N. Perry, Assistant Township Manager
Director of Public Works & Engineering
Younes Ishraidi, P.E., Chief Engineer**

Date: July 9, 2019

**Re: Whitehills Lakes #7 Public Streetlighting Improvement
Special Assessment District #428 - Public Hearing & Discussion**

A request was received from the property owners of Whitehills Lakes #7 for installation and maintenance of streetlights in Whitehills Lakes #7. The proposed plan is for two (2) streetlights, acorn fixtures with cut-off, and black fluted poles, with LED lights to be installed and maintained along Fenwick Court (see attached map).

On June 4, 2019, the Township Board set a public hearing for July 9, 2019 to hear comments on the installation and maintenance of the streetlighting in Whitehills Lakes #7 and its associated special assessment district (SAD). Notices for the public hearing were sent to the SAD property owners along Fenwick Court. A map of the district and a copy of the assessment roll is attached.

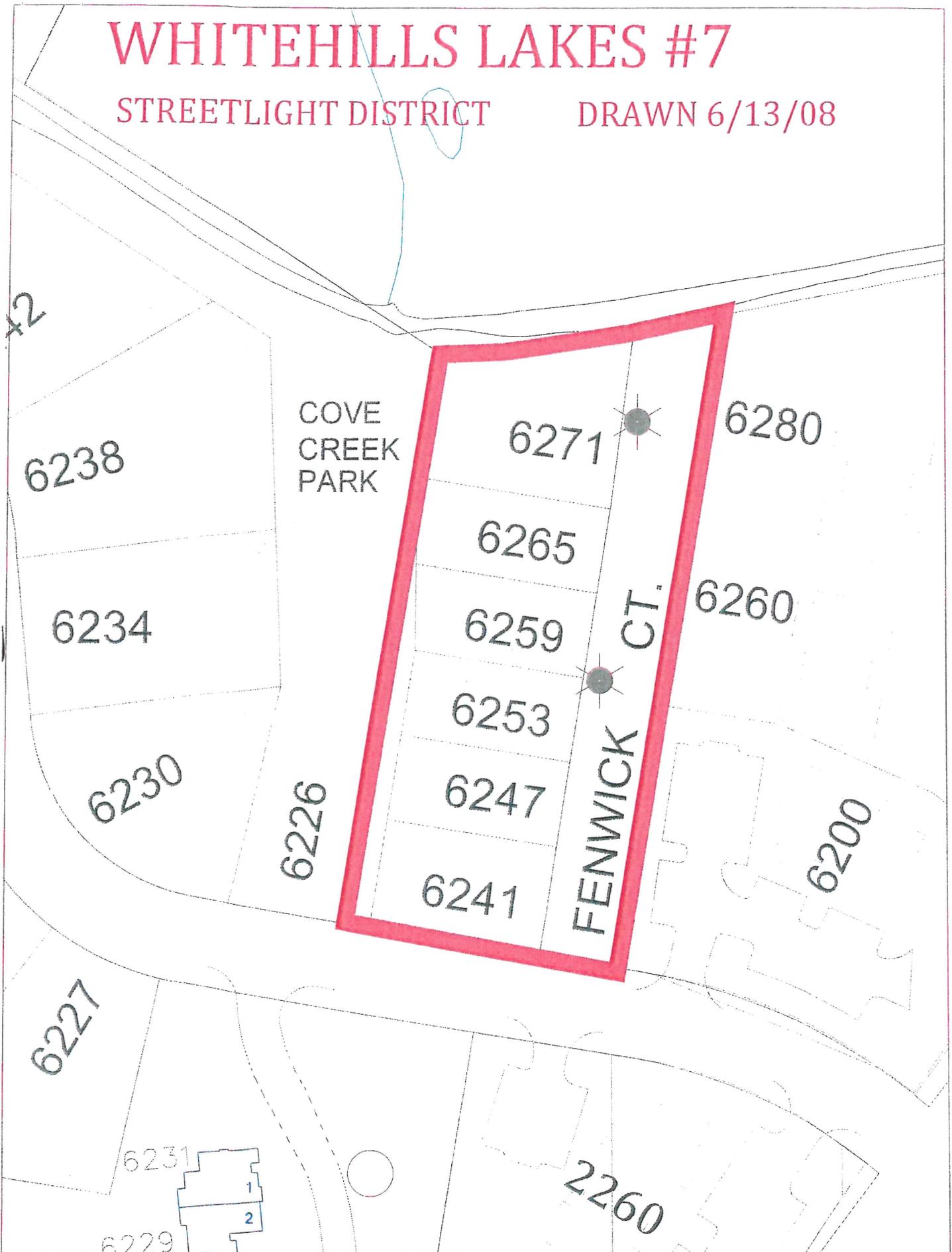
There are 6 lots in SAD #428. The installation costs are \$5,602. Based on pricing from Consumers Energy, the cost of operation and maintenance is \$120 per streetlight/per year. The First Year Cost is \$6,232 (\$1,038.67/lot) for the first year, and \$240 (\$40/lot) annually thereafter (subject to adjustment).

Attachments

WHITEHILLS LAKES #7

STREETLIGHT DISTRICT

DRAWN 6/13/08





12.A

To: Township Board

From: Mark Kieselbach, Director of Community Planning and Development
Justin Quagliata, Assistant Planner

Date: July 5, 2019

Re: Rezoning #19050 (Fedewa Builders) – Final Adoption

At its last meeting on June 18, 2019 the Township Board voted to approve Rezoning #19050 for introduction. As directed by the Board, the Clerk published the proposed ordinance as required.

Township Board Options

The Township Board may approve or deny the proposed rezoning from RR (Rural Residential) to RX (One and Two Family Residential). A resolution to approve the rezoning for final adoption subject to the conditions voluntarily offered by the applicant is provided. The following motion to approve the rezoning for final adoption is provided for the Board's consideration.

- **Move to adopt the resolution for final adoption of Ordinance No. 2019-13 pursuant to Rezoning Petition #19050 to rezone 1.12 acres located at 5921 and 5929 Okemos Road from RR (Rural Residential) to RX (One and Two Family Residential) with conditions voluntarily offered by the applicant.**

Attachment

1. Resolution to approve.

G:\Community Planning & Development\Planning\REZONINGS (REZ)\2019\REZ 19050 (Fedewa Builders)\REZ 19050.tb4.doc

RESOLUTION TO APPROVE

**Rezoning #19050
Fedewa Builders
5921 and 5929 Okemos Road
FINAL ADOPTION**

RESOLUTION

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 9th day of July, 2019, at 6:00 p.m., Local Time.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

WHEREAS, Fedewa Builders requested the rezoning of two unplatted lots, approximately 1.12 acres in total size, located at 5921 and 5929 Okemos Road from RR (Rural Residential) to RX (One and Two Family Residential); and

WHEREAS, the Planning Commission held a public hearing and discussed the rezoning at its meeting on April 8, 2019 and recommended approval of the request at its meeting on April 22, 2019; and

WHEREAS, the Township Board discussed the rezoning at its meetings on May 21, 2019 and June 4, 2019 and has reviewed the staff and Planning Commission material forwarded under cover memorandums dated May 16, 2019 and June 3, 2019; and

WHEREAS, both parcels comprising the 1.12 acre property meet the minimum standards for lot area and lot width for the proposed RX (One and Two Family) zoning district; and

WHEREAS, public water and sanitary sewer services are available to serve the subject site; and

WHEREAS, the applicant has offered the following voluntary conditions on the rezoning: one ranch style duplex will be constructed on each parcel and a row of conifers eight feet in height and spaced every twenty feet will be planted along the rear property line of each parcel; and

WHEREAS, the Township Board introduced Rezoning #19050 for publication and subsequent adoption at its meeting on June 18, 2019.

NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby **FINALLY ADOPTS** Ordinance No. 2019-13, entitled "Ordinance Amending the Zoning District Map of Meridian Township pursuant to Rezoning Petition #19050" from RR (Rural Residential) to RX (One and Two Family Residential).

ORDINANCE NO. 2019-13
ORDINANCE AMENDING THE ZONING DISTRICT MAP
OF MERIDIAN TOWNSHIP
PURSUANT TO REZONING #19050

The Charter Township of Meridian ordains:

Section 1. Amending the Zoning District Map.

A. The Zoning District Map of Meridian Township, as adopted in Section 86-312 of the Code of the Charter Township of Meridian, Michigan, as previously amended, is hereby amended by changing the RR (Rural Residential) District symbol and indication as shown on the Zoning District Map, for 5921 and 5929 Okemos Road, the property legally described as:

THE SOUTH 290 FEET OF THE FOLLOWING DESCRIBED PARCEL OF LAND: BEGINNING 450 FEET SOUTH OF THE NORTHEAST CORNER OF THE WEST ½ OF THE NORTHEAST ¼ OF SECTION 9, TOWN 4 NORTH, RANGE 1 WEST, MERIDIAN TOWNSHIP, INGHAM COUNTY, MICHIGAN, THENCE SOUTH 622 FEET; THENCE WEST 200 FEET; THENCE NORTH 622 FEET; THENCE EAST 200 FEET TO THE PLACE OF BEGINNING, BEING A PART OF THE WEST ½ OF THE NORTHEAST ¼ OF SAID SECTION 9.

to that of RX (One and Two Family Residential) conditioned on: one ranch style duplex will be constructed on each parcel and a row of conifers eight feet in height and spaced every twenty feet will be planted along the rear property line of each parcel.

Section 2. Validity and Severability. The provisions of this Ordinance are severable and the invalidity of any phrase, clause or part of this Ordinance shall not affect the validity or effectiveness of the remainder of the Ordinance.

Section 3. Repealer Clause. All ordinances or parts of ordinances in conflict therewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

Section 4. Savings Clause. This Ordinance does not affect rights and duties matured, penalties that were incurred, and proceedings that were begun, before its effective date.

Section 5. Effective Date. This Ordinance shall be effective seven (7) days after its publication or upon such later date as may be required under Section 402 of the Michigan Zoning Enabling Act (MCL 125.3402) after filing of a notice of intent to file a petition for a referendum.

Ronald J. Styka, Township Supervisor

Brett Dreyfus, Township Clerk



To: Township Board
From: Mark Kieselbach, Director of Community Planning and Development
Date: July 3, 2019
Re: Recreational Marihuana – Final Adoption

The Township Board at its meeting on June 4, 2019 voted to approve for introduction an ordinance that would prohibit recreational marihuana establishments in the Township. Opting out of recreational marihuana will preserve the Township’s ability to take the necessary time to consider whether to allow these types of establishments. The ordinance to opt out can be rescinded or amended in the future if the Township decides to allow recreational marihuana. As required a notice of the proposed ordinance adoption has been published.

The following motion for final adoption has been provided:

Move to adopt, for final adoption, an ordinance prohibiting recreational marihuana establishments within the boundaries of the Charter Township of Meridian pursuant to the Michigan Regulation and Taxation of Marihuana Act, Initiated Law 1 of 2018, as amended.

Attachment:

1. Recreational Marihuana Ordinance

**CHARTER TOWNSHIP OF MERIDIAN
INGHAM COUNTY, MICHIGAN**

ORDINANCE PROHIBITING RECREATIONAL MARIHUANA ESTABLISHMENTS

Ordinance No. 2019-11

At a meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Township Hall, 5151 Marsh Road, Okemos, MI 48864 on July 9, 2019, at 6 p.m., Board Member _____ moved and Board Member _____ supported to approve the following Ordinance for final adoption:

An Ordinance to prohibit recreational marihuana establishments within the boundaries of Charter Township of Meridian pursuant to the Michigan Regulation and Taxation of Marihuana Act, Initiated Law 1 of 2018, as amended.

THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN ORDAINS:

SECTION 1: TITLE. This Ordinance shall be known as and may be cited as the Charter Township of Meridian Prohibition of Recreational Marihuana Establishments Ordinance.

SECTION 2: INTENT AND PURPOSE. The State of Michigan, by voter referendum of November 2018, approved the use and possession of recreational marihuana by individuals over the age of 21. The law also established at least six commercial recreational marihuana licensed establishments that may operate, subject to State of Michigan and Township prohibition or regulation. This law has been identified as the Michigan Regulation and Taxation of Marihuana Act, MCL 333.27951, *et seq.*, (“MRTMA”) as amended. The Township determines that the general purposes of this ordinance are as follows:

1. The citizens of Meridian Township voted for the MRTMA with a vote of approximately 75.5% in favor and 24.5% opposed, indicating support of at least some of the activities and uses allowed under the MRTMA.
2. Legitimate concerns remain regarding the proper regulation of recreational marihuana establishments, either distinct from medical marihuana facilities allowed under the Michigan Medical Marihuana Facilities Licensing Act, or combined with such facilities.
3. Certain provisions of the MRTMA create ambiguity as to potential impacts upon the Township.
4. The State of Michigan is charged with promulgating rules to give further effect to the MRTMA and potentially address ambiguities in the MRTMA, but the State of Michigan has up to a year before such rules will be available for review and study by the Township.
5. The Township is concerned that proper regulation must be carefully studied and considered to address the MRTMA’s impacts before allowing any commercial recreational marihuana establishments within the Township.

The Township Board determines that the adoption of this Ordinance is necessary to preserve the public peace, health and safety by preventing the establishment of businesses related to recreational marihuana without proper time for the Township to study the new state law and properly determine how to effectuate appropriate regulation regarding it.

SECTION 3: DEFINITIONS. Words used within this Ordinance shall be construed to have the same meaning as provided in the MRTMA.

SECTION 4: NO RECREATIONAL MARIHUANA ESTABLISHMENTS. All marihuana establishments are prohibited within the boundaries of the Charter Township of Meridian pursuant to the Michigan Regulation and Taxation of Marihuana Act, Initiated Law 1 of 2018, as amended.

SECTION 5: VIOLATIONS AND PENALTIES.

1. Any person who disobeys, neglects, or refuses to comply with any provision of this Ordinance, or who causes, allows, or consents to any of the same shall be deemed to be responsible for a violation of this Ordinance. A violation of this Ordinance is deemed a nuisance per se.
2. A violation of this Ordinance is a municipal civil infraction, punishable by a fine of \$5,000.00, along with any costs, direct or indirect expenses, or attorney fees that the Township incurs in connection with that infraction. In addition, the Township may seek injunctive relief against persons alleged to be in violation of this Ordinance and any other relief available at law or equity.
3. Each day during which any violation continues shall be deemed a separate offense.
4. This Ordinance shall be administered and enforced by the Charter Township of Meridian Police Department, Code Enforcement Officer, or by such other person (s) as designated by the Township Board from time to time.

SECTION 6: SEVERABILITY. The provisions of this Ordinance are hereby declared to be severable. If any clause, sentence, word, section, or provision is hereafter declared void or unenforceable for any reason by a court of competent jurisdiction, it shall not affect the remainder of such Ordinance which shall continue in full force and effect.

SECTION 7: REPEAL. All ordinances or parts of ordinances in conflict herewith are hereby repealed.

SECTION 8: EFFECTIVE DATE. This Ordinance shall take effect immediately upon its publication.

ROLL CALL VOTE:

YEAS: _____

NAYS: _____

ABSENT/ABSTAIN: _____

ORDINANCE DECLARED ADOPTED

Ronald J. Styka, Charter Township of Meridian Supervisor

CERTIFICATE

STATE OF MICHIGAN)
) ss
COUNTY OF INGHAM)

I, the undersigned, the duly qualified and acting Clerk for Charter Township of Meridian, Ingham County, Michigan, HEREBY CERTIFY that the foregoing is a true and complete copy of certain proceedings taken by the Charter Township of Meridian Board at a meeting held on the __ day of _____, 2019, and further certify that the proposed Ordinance was approved at said meeting for final adoption.

Brett Dreyfus, Charter Township of Meridian Clerk

AFFIDAVIT OF POSTING AND PUBLICATION

I hereby certify that:

1. The above is a true copy of an Ordinance approved for final adoption by the Charter Township of Meridian Board at a duly scheduled and noticed meeting of that Township Board held on July 9, 2019, pursuant to the required statutory procedures.
2. The complete text of the proposed Ordinance was posted at the Township Clerk's office and on the Township's website on _____, 2019.
3. The attached Notice of Proposed Ordinance Adoption was duly published in the _____ newspaper, a newspaper that circulates within Charter Township of Meridian, on _____, 2019, within not more than seven (7) days after the posting.

ATTESTED:

Brett Dreyfus
Charter Township of Meridian Clerk

CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN
ORDINANCE PROHIBITING RECREATIONAL MARIHUANA ESTABLISHMENTS
ORDINANCE NO. 2019-11
NOTICE OF APPROVED ORDINANCE ADOPTION

Please take notice that on July 9, 2019, the Township Board of the Charter Township of Meridian approved for final adoption Ordinance No. 2019-11, which prohibits marihuana establishments within the Township. Copies of the Ordinance may be obtained from Brett Dreyfus, Charter Township of Meridian Clerk, at 5151 Marsh Road, Okemos, MI 48864 and on the Township's website: www.meridian.mi.us.

The Ordinance provides, in summary, for a prohibition on all recreational marihuana establishments within the Township. The Ordinance has the following sections and catch lines: Section 1: Title; Section 2: Intent and Purpose; Section 3: Definitions; Section 4: No Recreational Marihuana Establishments; Section 5: Violations and Penalties; Section 6: Severability; Section 7: Repeal; and Section 8: Effective Date, which is immediately after the posting of this notice.

Published by Order of the Township Board
Charter Township of Meridian, Ingham County, Michigan
Brett Dreyfus, Charter Township of Meridian Clerk
517-853-4000

Publication Date: _____, 2019



12.C

To: Township Board

From: Mark Kieselbach, Director of Community Planning and Development
Peter Menser, Principal Planner

Date: July 2, 2019

Re: Mixed Use Planned Unit Development #19024 (Village of Okemos)

The Township Board held the public hearing on Mixed Use Planned Unit Development #19024 at its last meeting on June 18, 2019. At the meeting the developer shared with the Board some changes to the project, which included an increase in the number of residential units in the project from 174 to 205 and conversion of 13,810 square feet of second floor office space to residential space. Overall residential density for the project is now at 51.38 dwelling units per acre (du/a). After the public hearing the Township Board agreed to consider a resolution to approve the project at its next meeting on July 9, 2019.

Township Board Options

The Township Board may approve or deny the proposed mixed use planned unit development project. If the Board amends the proposal, the request may be referred back to the Planning Commission for a recommendation. A resolution to approve the mixed use planned unit development is provided.

- **Move to adopt the resolution approving Mixed Use Planned Unit Development #19024 Village of Okemos.**

Attachment

1. Resolution to approve.

G:\Community Planning & Development\Planning\MIXED USE PLANNED UNIT DEVELOPMENTS (MUPUD)\2019\MUPUD 19024 (Village of Okemos LLC)\MUPUD 19024.tb2.docx

RESOLUTION TO APPROVE

**Mixed Use Planned Unit Development #19024
(Village of Okemos LLC)**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 9th day of July, 2019, at 6:00 p.m., Local Time.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

WHEREAS, Village of Okemos, LLC has submitted a request to establish a mixed use planned unit development (MUPUD) identified as the Village of Okemos on 3.99 acres located on the north and south sides of Hamilton Road and west side of Okemos Road; and

WHEREAS, the proposed mixed use planned unit development includes the demolition of all existing buildings on the site and construction of seven new buildings with a total of 205 dwelling units and 52,650 square feet of commercial space; and

WHEREAS, a total of 294,645 square feet is proposed in the project, consisting of 52,650 square feet of commercial space and 241,995 square feet of residential space; and

WHEREAS, the Planning Commission held a public hearing at its regular meeting on May 13, 2019 and recommended approval of the project on May 20, 2019; and

WHEREAS, the Township Board held a public hearing on the request at its meeting on June 18, 2019 and has reviewed the information forwarded by staff under cover memorandums dated June 12, 2019 and July 2, 2019; and

WHEREAS, the subject site is appropriately zoned C-2 (Commercial), which allows for a mixed use planned unit development; and

WHEREAS, the proposed mixed use planned unit development has been designed to be harmonious and appropriate with the existing and potential future uses surrounding the site; and

WHEREAS, the proposed mixed use planned unit development meets the minimum MUPUD design standards as outlined in Section 86-440(f) of the Code of Ordinances; and

WHEREAS, due to its location in the Okemos Downtown the proposed mixed use planned unit development qualifies for higher density per acre of residential dwelling units and an increase in the height of a building and complies with the 11 performance criteria as outlined in Section 86-440(c)(2)e of the Code of Ordinances; and

WHEREAS, the requested waivers for building setbacks, parking lot setbacks, number of parking spaces, and maximum impervious surface are appropriate and necessary to facilitate development of the property consistent with the intent of the MUPUD ordinance; and

**Resolution to Approve
MUPUD #19024 (Village of Okemos, LLC)
Page 2**

WHEREAS, the number and type of amenities provided in the mixed use planned unit development are consistent with the requirements, guidelines, and criteria stated in Section 86-440(e) of the Code of Ordinances; and

WHEREAS, municipal water and sanitary sewer is available to serve the subject site; and

WHEREAS, the proposed mixed use planned unit development is consistent with Objective B of Goal 1 of the 2017 Master Plan to ensure new residential developments meet high standards of visual attractiveness, health and safety, and environmental sensitivity; and

WHEREAS, the proposed mixed use planned unit development is consistent with Objective A of Goal 3 of the 2017 Master Plan to upgrade commercial areas by encouraging redevelopment of the downtown Okemos area; and

WHEREAS, the proposed mixed use planned unit development is consistent with Objective B of Goal 3 of the 2017 Master Plan to develop the Township's mixed use core into a viable and vibrant district.

NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby approves Mixed Use Planned Unit Development #19024, subject to the following conditions.

1. Approval is in accordance with the site plan prepared by Kebs, Inc. dated April 14, 2019 (revision date June 26, 2019) and received by the Township on July 2, 2019.
2. Approval is in accordance with the floor plans prepared by Hobbs + Black Architects, Presley Architecture, and M Architects dated April 19, 2019 (revision date June 26, 2019) and received by the Township on July 2, 2019.
3. Approval is in accordance with the building elevations prepared by Hobbs + Black Architects, Presley Architecture, and M Architects dated April 19, 2019 (revision date June 26, 2019) and received by the Township on July 2, 2019.
4. Approval is in accordance with the landscape plan prepared by MKSK dated April 19, 2019 and received by the Township on May 10, 2019.
5. Approval of the mixed use planned unit development is contingent on the approval of Special Use Permit #19051.
6. The waivers requested for building setbacks, parking lot setbacks, number of parking spaces, and maximum impervious surface are approved as depicted on the submitted site plan prepared by Kebs, Inc. dated April 14, 2019 (revision date June 26, 2019) and received by the Township on July 2, 2019 as well as the waivers identified by staff and outlined in a memorandum dated May 10, 2019.
7. The amenities proposed for the project are approved in accordance with the Amenities Plan prepared by Kebs, Inc. dated April 14, 2019 (revision date June 26, 2019) and received by the Township on July 2, 2019.

Resolution to Approve
MUPUD #19024 (Village of Okemos, LLC)
Page 3

8. Approval is subject to the applicant obtaining all necessary permits, licenses, and approvals from the Ingham County Road Department, Ingham County Drain Commissioner, Michigan Department of Environment, Great Lakes, and Energy (EGLE), and the Township, as applicable. Copies of all permits and approval letters shall be submitted to the Department of Community Planning and Development.
9. The utility, grading, and storm drainage plans for the site are subject to the approval of the Director of Public Works and Engineering and Ingham County Drain Commissioner and shall be completed in accordance with the Township Engineering Design and Construction Standards.
10. All utility service distribution lines shall be installed underground.
11. Any future building additions or revisions to the site layout will require amendments to Mixed Use Planned Unit Development #19024 and Special Use Permit #19051.
12. The final design of the trash and recycling facilities and related enclosures shall be subject to the approval of the Director of Community Planning and Development.
13. Site accessories such as railings, benches, exterior lighting fixtures, and bicycle racks shall be of commercial quality and complement the building design. Final design and location shall be subject to the approval of the Director of Community Planning and Development.
14. Landscaping shall comply with the provisions of the Code of Ordinances, including the standards outlined in Section 86-440(f)(4) and other applicable sections of the Ordinance pertaining to landscaping.
15. Site and building lighting shall comply with Article VII of Chapter 38 of the Code of Ordinances and shall be subject to the approval of the Director of Community Planning and Development.
16. The applicant shall combine the parcels comprising each block in the project into one parcel per block.
17. All pathways and sidewalks shall be designed and constructed in accordance with Township Engineering Design and Construction Standards. The design and location of the sidewalks and pathways shall be subject to the approval of the Director of Public Works and Engineering.
18. All mechanical, heating, ventilation, air conditioning, and similar systems shall be screened from view by an opaque structure or landscape materials (if at street level) selected to complement the building. Such screening is subject to the approval by the Director of Community Planning and Development.



12.D

To: Township Board

From: Mark Kieselbach, Director of Community Planning and Development
Peter Menser, Principal Planner

Date: July 2, 2019

Re: Special Use Permit #19051 (Village of Okemos)

The Township Board discussed Special Use Permit #19024 at its last meeting on June 18, 2019. With the changes to the project shared by the developer at the meeting, the overall size of the project increased from 289,037 square feet to 294,645 square feet. 241,995 square of residential space and 52,650 square feet of commercial space are proposed in the project. After the public hearing the Township Board agreed to consider a resolution to approve the special use permit at its next meeting on July 9, 2019.

Township Board Options

The Township Board may approve or deny the special use permit. If the Board amends the proposal, the request may be referred back to the Planning Commission for a recommendation. A resolution to approve the special use permit is provided.

- **Move to adopt the resolution approving Special Use Permit #19051 Village of Okemos.**

Attachment

1. Resolution to approve

G:\Community Planning & Development\Planning\SPECIAL USE PERMITS (SUP)\2019\SUP 19051 (Village of Okemos LLC)\SUP 19051.tb2.docx

RESOLUTION TO APPROVE

**Special Use Permit #19051
(Village of Okemos, LLC)**

At a regular meeting of the Township Board of the Charter Township of Meridian, Ingham County, Michigan, held at the Meridian Municipal Building, in said Township on the 9th day of July, 2019, at 7:00 p.m., Local Time.

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

WHEREAS, Village of Okemos, LLC has submitted a request to establish a mixed use planned unit development (MUPUD) identified as the Village of Okemos on 3.99 acres located on the north and south sides of Hamilton Road and west side of Okemos Road; and

WHEREAS, the proposed mixed use planned unit development includes the demolition of all existing buildings on the site and construction of seven new buildings with a total of 205 dwelling units and 52,650 square feet of commercial space; and

WHEREAS, a total of 294,645 square feet is proposed in the project, consisting of 52,650 square feet of commercial space and 241,995 square feet of residential space; and

WHEREAS, a special use permit is required for constructing a building or group of buildings totaling more than 25,000 square feet in gross floor area; and

WHEREAS, the Planning Commission held a public hearing at its regular meeting on May 13, 2019 and recommended approval on May 20, 2019; and

WHEREAS, the Township Board discussed the special use permit at its meeting on June 18, 2019 and has reviewed the information forwarded by staff under cover memorandums dated June 12, 2019 and July 2, 2019; and

WHEREAS, the subject site is appropriately zoned C-2 (Commercial), which permits the construction of buildings greater than 25,000 square feet in size by special use permit; and

WHEREAS, the proposed project is consistent with the general standards for granting a special use permit found in Section 86-126 of the Code of Ordinances; and

WHEREAS, municipal water and sanitary sewer is available to serve the subject site.

NOW THEREFORE, BE IT RESOLVED THE TOWNSHIP BOARD OF THE CHARTER TOWNSHIP OF MERIDIAN hereby approves Special Use Permit #19051, subject to the following conditions:

1. Approval is in accordance with the site plan prepared by Kebs, Inc. dated April 14, 2019 (revision date June 26, 2019) and received by the Township on July 2, 2019.



To: Board Members
From: Phil Deschaine, Township Treasurer
Date: July 9, 2019
Re: Annual Review of Meridian Township Investment Policy

As Meridian Township Treasurer, it will be my policy to bring to the Board a review of our investment policy on an annual basis. I believe it is advisable and prudent to have an annual review and approval by the Board. As we have had a recent addition to the Board composition, the review of the Meridian Township Investment Policy is even timelier.

Attached is the Meridian Township Investment Policy. This policy was approved on June 2, 2015, and endorsed again on January 3, 2017.

As for our current investment practices, we do not purchase commercial paper or repurchase agreements directly. We do hold money in investment pools that may purchase commercial paper and repurchase agreements depending on the markets.

Also attached is a resolution to approve the Investment Policy.

MERIDIAN TOWNSHIP INVESTMENT POLICY

Date Adopted: March 3, 2009

Date Amended: June 16, 2015

Date Adopted: January 3, 2017

Purpose

It is the policy of Meridian Township to invest its funds in a manner which will ensure the preservation of principal and provide the highest investment return with the maximum security while meeting the daily cash flow needs of the Township and complying with all state statutes governing the investment of public funds.

Scope

This investment policy applies to all financial assets of the Township. These assets are accounted for in various funds of the Township and include the general fund, special revenue funds, debt service funds, capital project funds, enterprise funds (e.g. public works), internal service funds, trust and agency funds, and any new funds established by the Township.

Objectives

The primary objectives of the Township's investment activities in priority order shall be:

Safety – Safety of principal is the foremost objective of the investment program. Investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio.

Diversification – The investments will be diversified by security type and institution in order to reduce overall portfolio risk while obtaining market average rates of return.

Liquidity – The investment portfolio shall remain sufficiently liquid to meet all operating requirements that may be reasonably anticipated.

Return of Investment – The investment portfolio shall be designed with the objective of obtaining a reasonable rate of return throughout the budgetary and economic cycles, while taking into account the investment risk constraints and the cash flow characteristics of the portfolio.

Delegation of Authority

Management responsibility for the investment program is hereby delegated to the Township Treasurer pursuant to MCL 41.76 who shall establish written procedures and internal control policies for the operation of the investment program consistent with this investment policy. No person may engage in an investment transaction except as provided under the terms of this policy and the procedures established by the Treasurer. The Treasurer shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials.

Authorized Investments

The Township is limited to investments authorized by Act 20 of 1943 MCL 129.91 as amended, but may only invest in the following:

- (a) Bonds, securities, and other obligations of the United States or an agency or instrumentality of the United States.
- (b) Certificates of deposit, savings accounts, deposit accounts, or depository receipts of a financial institution, but only if the financial institution is eligible to be a depository of funds belonging to the state under a law or rule of this state or the United States.
- (c) Banker's acceptance of United States banks.
- (d) Obligations of this state or any of its political subdivisions that at the time of purchase are rated as investment grade by not less than one standard rating service.
- (e) Mutual funds registered under the investment company act 1940, title 1 of chapter 686, 54 Stat. 789, 15 U.S.C. 80a-1 to 80a-3 and 80a-4 to 80a-64, with authority to purchase only investment vehicles that are legal for direct investment solely by reason of either of the following:
 - (i) The purchase of securities on a when-issued or delayed delivery basis.
 - (ii) The ability to lend portfolio securities as long as the mutual fund receives collateral at all times equal to at least 100% of the value of the securities loaned.
 - (iii) The limited ability to borrow and pledge a like portion of the portfolio's assets for temporary or emergency purposes.
 - (iv) Investments in mutual funds shall be limited to securities whose intention is to maintain a net asset value of \$1.00 per share.*
- (f) Obligations described in subdivisions (a) through (e) if purchased through an interlocal agreement under the urban corporations act of 1967, 1967 (Ex Sess) PA 7, MCL 124.501 to 124.512.
- (g) Investment pools organized under the surplus funds investment pool act, 1982 PA 367, MCL 129.111 to 129.118.
- (h) Investment pools organized under the local government investment pool act, 1985 PA 121, MCL 129.141 to 129.150.
- (i) Certificates of Deposit as authorized by MCL 129.91(5) including Certificate of Deposit Account Registry Service (CDARS).

* This is a requirement of this policy but not required under MCL 129.91
Commercial Paper and Repurchase agreements may not be directly purchased but may be indirectly owned through investment pools and mutual funds.

Safekeeping and Custody

All security transactions, including collateral for repurchase agreements and financial institution deposits, entered into by the Treasurer shall be on a cash or delivery vs. payment basis. Securities may be held by a third party custodian designated by the Treasurer and evidenced by safekeeping receipts as determined by the Treasurer.

Prudence

Investments shall be made with judgment and care, under circumstances then prevailing which persons of prudence, discretion and intelligence exercise in the management of their own affairs. These decisions are not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived.

Reporting

The Treasurer shall provide quarterly (or more often) written investment reports to the Township Board which provide a clear picture of the status of the current investment portfolio. In addition, the Treasurer shall, as required by law, present an annual written report to the Board.

Conflict of Interest and Ethics

Officials and employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution of the investment program, or which could impair their ability to make impartial investment decisions. Employees and Board Members shall disclose to the Treasurer, and the Treasurer shall disclose to the Board, any material financial interest in financial institutions that conduct business with the Township. The Board, Employees, and the Treasurer shall disclose any material financial investment position related to the performance of the Township's portfolio.

Authorized Financial Institutions and Dealers

A list will be maintained of financial institutions authorized to provide investment services to Meridian Township. In addition, a list will also be maintained of approved security broker/dealers selected by credit worthiness who are authorized to provide investment services to Meridian Township.

All financial institutions and broker/dealers who desire to become qualified bidders for investment transactions must first be provided with a copy of the Township's Investment Policy and return to the Township a signed copy of the agreement to comply (appendix #1).

Adoption and Review

The Township's investment policy shall be adopted by the Township Board. The policy shall be reviewed annually by the Treasurer and any modifications must be approved by the Township Board.

Appendix #1

ACKNOWLEDGEMENT OF RECEIPT OF INVESTMENT POLICY AND AGREEMENT TO COMPLY

I have read and fully understand Act 20 PA 1943 as amended, and the Investment Policy of the Charter Township of Meridian.

Any investment advice or recommendation on investments given by _____ representing _____, to the Meridian Township Treasurer shall comply with the requirement of ACT 20 PA 1943 as amended, and the Investment Policy of the Charter Township of Meridian. Any existing investment not conforming to the statute or policy will be disclosed of promptly to the Meridian Township Treasurer. Further, should a broker/dealer learn of a forthcoming downgrading or devaluation of an investment that has been sold to the Charter Township of Meridian, the broker/dealer shall notify the Treasurer as soon as possible to determine if there is a need to trade or dispose of that investment.

By: _____

Title: _____

Date: _____



To: Township Board
From: Chris Buck, Economic Development Director
Date: July 9, 2019
Re: 2018 Downtown Development Authority Annual Report

PA 57 of 2018 states any authority capturing tax increment revenues must submit a report annually, to the governing body of the municipality, Department of Treasury and all entities subject to tax capture.

In accordance with this requirement, attached you will find Meridian Township's annual Downtown Development Authority (DDA) report for fiscal year ending 2018. Please be advised the report template provided by the State indicates fiscal year ending 2019. We are aware of this fact and have been instructed by the State to use the 2019 form but inform all parties that it is for the 2018 fiscal year.

Copies of the report have also been forwarded to, the Department of Treasury, Ingham County, Capital Region Airport Authority (CRAA) and DDA Board.

In 2018, the DDA captured just over \$48,000 and spent approximately \$7,400 on beautification projects, the utilities and an interest-only payment on the street lighting debt. We anticipate more robust capture as development occurs and the DDA has committed that fully repaying its debt will be first priority.

The following motion is proposed:

MOVE TO APPROVE THE 2018 DOWNTOWN DEVELOPMENT AUTHORITY ANNUAL REPORT AND APPROVE DISSEMINATION TO THE PUBLIC AND REQUIRED TAXING JURISDICTIONS AS REQUIRED BY PA 57 OF 2018.

Attachment:

- A. Meridian 2018 Downtown Development Authority Annual Report

Annual Report on Status of Tax Increment Financing Plan

Send completed form to: Treas-StateSharePropTaxes@michigan.gov	Meridian Township	TIF Plan #	For Fiscal Years ending in
Issued pursuant to 2018 PA 57, MCL 125.4911 Filing is required within 180 days of end of Authority's fiscal year 2018-2019.	DDA		2019

Year AUTHORITY (not TIF plan) was created:	2005
Year TIF plan was created or last amended to extend its duration:	2006
Current TIF plan scheduled expiration date:	2026
Did TIF plan expire in FY19?	No
Year of first tax increment revenue capture:	2006
Does the authority capture taxes from local or intermediate school districts, or capture the state education tax? Yes or no?	No
If yes, authorization for capturing school tax:	Choose from list
Year school tax capture is scheduled to expire:	

Revenue:

Tax Increment Revenue	\$ 29,814
Property taxes - from DDA levy	\$ -
Interest	\$ -
State reimbursement for PPT loss (Forms 5176 and 4650)	\$ 17,942
Other income (grants, fees, donations, etc.)	\$ -
Total	\$ 47,757

Tax Increment Revenues Received

From counties	\$ 29,360
From municipalities (city, twp, village)	\$ 17,833
From libraries (if levied separately)	\$ -
From community colleges	\$ -
From regional authorities (type name in next cell) Capital Region Airport A	\$ 1,578
From regional authorities (type name in next cell)	\$ -
From regional authorities (type name in next cell)	\$ -
From local school districts-operating	\$ -
From local school districts-debt	\$ -
From intermediate school districts	\$ -
From State Education Tax (SET)	\$ -
From state share of IFT and other specific taxes (school taxes)	\$ -
Total	\$ 48,772

Expenditures

Consumers Energy	\$ 1,381
Meridian Public Works	\$ 75
Redwood Landscape	\$ 160
Kiwanis	\$ 40
VanAtta's	\$ 1,244
Meridian Township - Interest Payment	\$ 4,485

	\$	-
	\$	-
	\$	-
	\$	-
	\$	-
Transfers to other municipal fund (list fund name)	\$	-
Transfers to other municipal fund (list fund name)	\$	-
Transfers to General Fund	\$	-
Total	\$	7,385
Outstanding non-bonded Indebtedness		
Principal	\$	149,500
Interest	\$	1,121
Outstanding bonded Indebtedness		
Principal	\$	-
Interest	\$	-
Total	\$	150,621
Bond Reserve Fund Balance	\$	-

CAPTURED VALUES

PROPERTY CATEGORY	Current Taxable Value	Initial (base year) Assessed Value	Captured Value
Ad valorem PRE Real	\$ 633,975	\$ 373,597	\$ 260,378
Ad valorem non-PRE Real	\$ 15,608,832	\$ 13,802,353	\$ 1,806,479
Ad valorem industrial personal	\$ -	\$ 42,900	\$ (42,900)
Ad valorem commercial personal	\$ 2,478,050	\$ 2,543,700	\$ (65,650)
Ad valorem utility personal	\$ 196,400	\$ -	\$ 196,400
Ad valorem other personal	\$ -	\$ -	\$ -
IFT New Facility real property, 0% SET exemption	\$ -	\$ -	\$ -
IFT New Facility real property, 50% SET exemption	\$ -	\$ -	\$ -
IFT New Facility real property, 100% SET exemption	\$ -	\$ -	\$ -
IFT New Facility personal property on industrial class land	\$ -	\$ -	\$ -
IFT New Facility personal property on commercial class land	\$ -	\$ -	\$ -
IFT New Facility personal property, all other	\$ -	\$ -	\$ -
Commercial Facility Tax New Facility	\$ -	\$ -	\$ -
IFT Replacement Facility (frozen values)	\$ -	\$ -	\$ -
Commercial Facility Tax Restored Facility (frozen values)	\$ -	\$ -	\$ -
Commercial Rehabilitation Act	\$ -	\$ -	\$ -
Neighborhood Enterprise Zone Act	\$ -	\$ -	\$ -
Obsolete Property Rehabilitation Act	\$ -	\$ -	\$ -
Eligible Tax Reverted Property (Land Bank Sale)	\$ -	\$ -	\$ -
Exempt (from all property tax) Real Property	\$ -	\$ -	\$ -
Total Captured Value		\$ 16,762,550	\$ 2,154,707

Overall Tax rates captured by TIF plan	
Overall Tax rates captured by TIF plan	TIF Revenue
20.8397000	\$5,426.20
20.8397000	\$37,646.48
20.8397000	(\$894.02)
20.8397000	(\$1,368.13)
20.8397000	\$4,092.92
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$0.00
0.0000000	\$44,903.45 Total TIF Revenue