

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**CALL TO ORDER**

**CHARTER TOWNSHIP OF PLYMOUTH**  
**BOARD OF TRUSTEES**  
**REGULAR MEETING**  
**MARCH 12, 2019**

**ITEM A**  
**ROLL CALL**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**ITEM B  
PLEDGE OF ALLEGIANCE**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**ITEM C  
APPROVAL OF AGENDA  
MARCH 12, 2019**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES MEETING**

Tuesday, March 12, 2019

7:00 PM



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**CALL TO ORDER AT \_\_\_\_\_ P.M.**

**A. ROLL CALL:** Kurt Heise\_\_\_\_\_, Mark Clinton\_\_\_\_\_, Chuck Curmi \_\_\_\_\_,  
Bob Doroshewitz \_\_\_\_\_, Jerry Vorva \_\_\_\_\_, Jack Dempsey\_\_\_\_\_,  
Gary Heitman \_\_\_\_\_

**B. PLEDGE OF ALLEGIANCE**

**C. APPROVAL OF AGENDA**

Tuesday, March 12, 2019

**D. APPROVAL OF CONSENT AGENDA**

**D.1 Approval of Minutes:**

Regular Meeting – Tuesday, February 26, 2019

Study Session – Tuesday, March 5, 2019

**D.2 Acceptance of Communications, Resolutions, Reports**

N/A

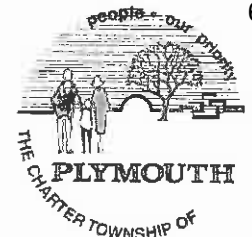
**D.3 Approval of Township Bills:**

<b>FUND</b>	<b>ACCT</b>	<b>ALREADY PAID</b>	<b>TO BE PAID</b>	<b>TOTAL:</b>
General Fund	<b>101</b>	\$560,541.71	\$92,773.21	\$653,314.92
Solid Waste Fund	<b>226</b>	4,096.75	514.81	4,611.56
Improvement Revolving (Capital)	<b>246</b>	0.00	0.00	0.00
Drug Forfeiture Fund	<b>265</b>	0.00	2,162.50	2,162.50
Drug Forfeiture State	<b>266</b>	0.00	0.00	0.00

# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, March 12, 2019

7:00 PM



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Drug Forfeiture IRS	<b>267</b>	0.00	0.00	0.00
Golf Course Fund	<b>510</b>	205.82	0.00	205.82
Senior Transportation	<b>588</b>	4,450.05	1,154.02	5,604.07
Water/Sewer Fund	<b>592</b>	77,921.96	363,204.38	441,126.34
Trust and Agency	<b>701</b>	19,835.75	0.00	19,835.75
Police Bond Fund	<b>702</b>	2,880.00	0.00	2,880.00
Tax Pool	<b>703</b>	0.00	0.00	0.00
Special Assessment Capital	<b>805</b>	0.00	0.00	0.00
<b>TOTALS:</b>		<b>\$669,932.04</b>	<b>\$459,808.92</b>	<b>\$1,129,740.96</b>

## E. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 minutes)

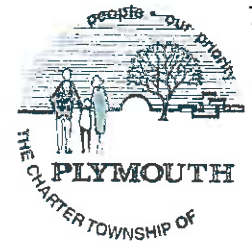
## F. NEW BUSINESS

1. Fabric Recycling Contract, **Resolution #2019-03-12-25**, *Trustee Chuck Curmi and Solid Waste Coordinator Sarah Visel*
2. OPEB Minimum Trust Funding Schedule, **Resolution #2019-03-12-26**, *Treasurer Mark Clinton*
3. OPEB Corrective Action Plan, **Resolution #2019-03-12-27**, *Treasurer Mark Clinton*
4. Purchase of Lifepak 15 Defibrillator, **Resolution #2019-03-12-28**, *Fire Chief Dan Phillips*
5. Appointment of Darren LaLonde to the Brownfield Redevelopment Authority and the Downtown Development Authority, **Resolution #2019-03-12-29**, *Supervisor Kurt Heise*

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES MEETING**

Tuesday, March 12, 2019

7:00 PM



6. 2019 Annual Water and Sewer Fund Budget, **Resolution #2019-03-12-30**,  
*Finance Director Cindy Kushner and Director of Public Services Patrick Fellrath*
7. 2019 Annual Budget for the Downtown Development Authority, **Resolution #2019-03-12-31**,  
*Finance Director Cindy Kushner and Supervisor Kurt Heise*
8. 2019 Annual Budget for the Brownfield Redevelopment Authority, **Resolution #2019-03-12-32**,  
*Finance Director Cindy Kushner and Supervisor Kurt Heise*

**G. SUPERVISOR AND TRUSTEE COMMENTS**

**H. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 Minutes)**

**I. ADJOURNMENT**

PLEASE TAKE NOTE: The Charter Township of Plymouth will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at all Township Meetings, to individuals with disabilities at the Meetings/Hearings upon two weeks' notice to the Charter Township of Plymouth by writing or calling the following: Human Resource Office, 9955 N Haggerty Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800-649-3777 (Michigan Relay Services)

**The Public Is Invited and Encouraged To Attend All Meetings of  
the Board of Trustees of the Charter Township of Plymouth.**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**CONSENT AGENDA**

**ITEM D.1  
APPROVAL OF MINUTES  
REGULAR MEETING  
FEBRUARY 26, 2019**



**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
TUESDAY, FEBRUARY 26, 2019**

**PROPOSED MINUTES**

Supervisor Heise called the meeting to order at 7:00 p.m.

**MEMBERS PRESENT:** Kurt Heise, Supervisor  
Mark Clinton, Treasurer  
Charles Curmi, Trustee  
Jack Dempsey, Trustee  
Robert Doroshewitz, Trustee  
Gary Heitman, Trustee  
Jerry Vorva, Clerk

**MEMBERS ABSENT:** None

**OTHERS PRESENT:** Patrick Fellrath, Director of Public Service  
Dan Phillips, Fire Chief  
Thomas Tiderington, Police Chief  
Kevin Bennett, Township Attorney  
Laura Haw, AICP, NCI, Planning Director  
Cindy Kushner, Finance Director  
Sandra Groth, Deputy Clerk  
Alice Geletzke, Recording Secretary  
35 Members of the Public

**B. PLEDGE OF ALLEGIANCE** – Robert Antal

**C. APPROVAL OF AGENDA**

Tuesday, February 26, 2019

Trustee Doroshewitz requested that the agenda be amended to move up Item F.8, Purchase of Fire Engine/Ladder Truck, to become Item F.2 for the convenience of the public.

Moved by Trustee Doroshewitz and seconded by Clerk Vorva to approve the agenda for the Board of Trustees regular meeting of February 26, 2019 as amended. Ayes all.

**D. APPROVAL OF CONSENT AGENDA**

D.1 **Approval of Minutes:**  
Regular Meeting – Tuesday, February 12, 2019

D.2 **Acceptance of Communications, Resolutions, Reports**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
TUESDAY, FEBRUARY 26, 2019**

**PROPOSED MINUTES**

Building Department Monthly Report – January, 2019  
 Fire Department Monthly Report – January, 2019  
 Police Department Monthly Report – January, 2019  
 FOIA Monthly Report – Clerk's Office – January, 2019  
 FOIA Monthly Report – Police Department – January, 2019  
 Thank You Letter from Plymouth Community Council on Aging

**D.3 Approval of Township Bills:**

<b>FUND</b>	<b>ACCT</b>	<b>ALREADY PAID</b>	<b>TO BE PAID</b>	<b>TOTAL:</b>
General Fund	<b>101</b>	\$234,328.29	\$123,499.18	\$357,827.47
Solid Waste Fund	<b>226</b>	2,310.80	104,541.14	106,851.94
Improvement Revolving (Capital)	<b>246</b>	0.00	0.00	0.00
Drug Forfeiture Fund	<b>265</b>	0.00	0.00	0.00
Drug Forfeiture State	<b>266</b>	0.00	0.00	0.00
Drug Forfeiture IRS	<b>267</b>	0.00	0.00	0.00
Golf Course Fund	<b>510</b>	325.59	110.25	435.84
Senior Transportation	<b>588</b>	2,955.54	411.80	3,367.34
Water/Sewer Fund	<b>592</b>	180,565.16	16,269.88	196,835.04
Trust and Agency	<b>701</b>	16,447.51	0.00	16,447.51
Police Bond Fund	<b>702</b>	0.00	0.00	0.00
Tax Pool	<b>703</b>	0.00	0.00	0.00
Special Assessment		0.00	1,741.25	1,741.25

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
TUESDAY, FEBRUARY 26, 2019**

**PROPOSED MINUTES**

Capital	<b>805</b>			
<b>TOTALS:</b>		<b>\$436,932.89</b>	<b>\$246,573.50</b>	<b>\$683,506.39</b>

**E. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 minutes) – None**

*Copies of any resolutions or attachments referred to below  
are available in the Clerk's office for public perusal.*

**F. NEW BUSINESS**

1. Verona Park Cluster Housing Option, **Resolution #2019-02-26-17**, *Planning Director Laura Haw*

Ms. Haw reviewed the Planning Commission's recommendation for final site development plan approval for the five-acre wooded site located northwest of Beck Road and Edinburgh Drive. Fourteen single-family detached homes are to be built to appeal to empty nesters. She noted that Attorney Bennett has reviewed the legal documents to his satisfaction.

Alex Wassell of Loch Ness Court had questions regarding the placement of the entrance and exits.

Moved by Clerk Vorva and seconded by Trustee Heitman to approve **Resolution #2019-02-26-17**, authorizing the Cluster Housing Agreement and associated legal documents for Verona Park, Parcel ID R-78-037-99-0001-000, as recommended by the Planning Commission. Ayes all on a roll call vote.

2. Purchase of New Fire Engine/Ladder Truck – **Resolution #2019-02-26-24**, *Fire Chief Dan Phillips*

Board members discussed further with Chief Phillips the purchase of the fire engine/ladder truck including questioning the bid procedures, the availability of use of a ladder truck from other communities when needed, the reasons for recommending the Pierce truck, the possibility of lower ISO insurance ratings, how the purchase was represented during the millage campaign, and how the station will be staffed where the truck will be housed.

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
TUESDAY, FEBRUARY 26, 2019**

**PROPOSED MINUTES**

They also discussed the proposed method of financing over a ten-year period through the Bank of Ann Arbor which has the lowest rate and is local.

Duane Zantop, John Stewart, Mary Weidel, Bill Carter, Susan Bondie, Tim Kiernan, and Elaine Coleman asked questions and expressed their opinions regarding this purchase.

Moved by Trustee Heitman and seconded by Treasurer Clinton to approve **Resolution #2019-02-26-24**, authorizing the purchase of a 2019 Pierce Ascendant dual-purpose fire engine/ladder truck from Halt Fire Apparatus in the amount of \$937,739.36 in complete accordance with the attached specifications and all required finance documents.

ROLL CALL:           AYES: Heise, Heitman, Clinton, Dempsey, Doroshewitz  
                              NAYS: Vorva, Curmi

Motion carried.

2. Purchase of John Deer Multi-Purpose 1575 Terrain Cut Mower, **Resolution #2019-02-26-18**, *Supervisor Heise, Park Foreman Eric Anderson.*

Park Foreman Eric Anderson addressed the Board and answered questions regarding the purchase, its uses for both grass cutting and snow and debris removal, and the purchase through the MIDeal state contract from Bader and Sons with their buy-back of three old mowers for \$9,000.

Moved by Clerk Vorva and seconded by Trustee Heitman to approve **Resolution #2019-02-26-18**, authorizing the purchase of the multi-purpose John Deere 1575 Terrain Cut mower at a cost of \$29,517.27, which reflects authorization to sell the old mowers at a cost of \$9,000.00.

ROLL CALL:           AYES: Clinton, Dempsey, Doroshewitz, Heise, Heitman, Vorva  
                              NAYS: Curmi

Motion carried.

3. Towing Agreement, **Resolution #2019-02-26-19**, *Lieutenant Dan Kudra*

Police Chief Tiderington and Lt. Dan Kudra answered questions regarding the proposed towing agreement.

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
TUESDAY, FEBRUARY 26, 2019**

**PROPOSED MINUTES**

Moved by Supervisor Heise and seconded by Clerk Vorva to approve **Resolution #2019-02-26-19**, to approve the contract between the Charter Township of Plymouth and Mayflower Enterprises, LLC, d/b/a Mayflower Towing, and authorize the Supervisor and Clerk to sign same. Ayes all on a roll call vote.

4. Single Audit Presentations, **Resolution #2019-02-20**, *Finance Director Cindy Kushner & Plante-Moran*

Martin Olejnik and Melanie Prevost of Plante Moran and Finance Director Cindy Kushner answered questions regarding the single audits of federal awards for the calendar years 2013, 2014 and 2015 which are required by the U.S. Office of Management and Budget. Corrective action plans are provided in each audit finding.

Moved by Clerk Vorva and seconded by Trustee Heise to approve **Resolution #2019-02-26-20**, receiving and authorizing the acceptance and dissemination of the Single Audit for Federal Awards for the years 2013, 2014 and 2015. Ayes all on a roll call vote.

*The Board recessed briefly at 8:47 p.m. and  
returned to open session at 8:58 p.m.*

5. 2019 Annual Senior Transportation Budget, **Resolution #2019-02-26-21**, *Finance Director Cindy Kushner*

Board members reviewed the budget presented with Finance Director Cindy Kushner.

Moved by Treasurer Clinton and seconded by Clerk Vorva to approve the FY 2019 Charter Township of Plymouth Senior Transportation Budget, **Resolution #2019-02-26-21**. Ayes all on a roll call vote.

6. 2019 Annual Water and Sewer Fund Budget, **Resolution #2019-02-26-22**, *Finance Director Cindy Kushner*

Patrick Fellrath, Director of Public Services, gave an update on the work done with the Saw Grant, which was awarded in 2015 by the MDEQ to establish an asset management plan.

He then discussed the proposed Water and Sewer Fund Budget, particularly with regard to the purchase of a 5-yard dump truck and staffing. He recommended the hiring of a full-time GIS technician to implement the asset management program using

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
TUESDAY, FEBRUARY 26, 2019**

**PROPOSED MINUTES**

GIS and Cityworks as tools, as well as assisting with other projects. The proposed budget recommendation was for a part-time employee and Board members discussed pros and cons and various scenarios including having to bring someone in to revamp the whole GIS system for all departments.

Moved by Supervisor Heise and seconded by Trustee Dempsey to postpone consideration of the FY 2019 Charter Township of Plymouth Water and Sewer Budget until the Board of Trustees regular meeting of March 12, 2019. Ayes all.

7. 2019 Annual Wayne County ROW Agreement, **Resolution #2019-02-26-23**,  
*Public Services Director Patrick Fellrath and Attorney Kevin Bennett*

Moved by Trustee Curmi and seconded by Trustee Heitman to approve **Resolution #2019-02-26-23**, authorizing execution of the Annual Maintenance Permit, Annual Pavement Restoration Permit, Annual Pavement Restoration Permit, Annual Street Sweeping Permit, and Annual Special Events Permit with Wayne County to allow the Township to work within the Wayne County Road Right-of-Ways with the inclusion of a cover letter reserving the Township's right to challenge the indemnification provisions as beyond the authority of the Township. Ayes all on a roll call vote.

**G. SUPERVISOR AND TRUSTEE COMMENTS** – There were none.

**H. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 Minutes)** – There were none.

**I. ADJOURNMENT**

Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 10:21 p.m. Ayes all.

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Jerry Vorva, Township Clerk

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**CONSENT AGENDA**

**ITEM D.1  
APPROVAL OF MINUTES  
STUDY SESSION  
MARCH 5, 2019**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
STUDY SESSION  
TUESDAY, MARCH 5, 2019**

**PROPOSED MINUTES**

Supervisor Heise called the meeting to order at 7:00 p.m.

**MEMBERS PRESENT:** Kurt Heise, Supervisor  
Mark Clinton, Treasurer  
Charles Curmi, Trustee  
Robert Doroshewitz, Trustee  
Gary Heitman, Trustee  
Jerry Vorva, Clerk

**MEMBERS ABSENT:** Jack Dempsey, Trustee, Excused

**OTHERS PRESENT:** Mark Lewis, Chief Building Official  
Thomas Tiderington, Police Chief  
Kevin Bennett, Township Attorney  
Laura Haw, AICP, NCI, Planning Director  
Dennis Cebulski, Chairman, Planning Commissioner  
Jim Harb, Planning Commissioner  
Bill Pratt Planning Commissioner and ZBA Member  
Michael Carlin, Chairman, Zoning Board of Appeals  
Timothy Boyd, Zoning Board of Appeals  
Don Schnettler, Zoning Board of Appeals  
Sandra Groth, Deputy Clerk  
Cheri Palmarchuk, Building Administrative Assistant  
Kenneth MacDonald, Building Inspector  
Sara Visel, Solid Waste Coordinator  
Guy Villet, Firefighter/Paramedic  
Chris Smith, Firefighter/Paramedic  
Alice Geletzke, Recording Secretary  
9 Members of the Public

**B. APPROVAL OF AGENDA**

Moved by Trustee Heitman and seconded by Clerk Vorva to approve the agenda for the Board of Trustees study session of March 5, 2019 as presented. Ayes all.

**C. NEW BUSINESS**

1. Text Amendment to Zoning Ordinance No. 99 – *Planning Director Laura Haw and Attorney Kevin Bennett.*



**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
STUDY SESSION  
TUESDAY, MARCH 5, 2019**

**PROPOSED MINUTES**

Planning Director Haw reviewed the history of increased Zoning Board applications for 6-ft. fences in the past five years because of children, often with special needs; larger dogs, and wishes for privacy from neighbors. This led to the study of the current ordinance by the Zoning Board, Planning Commission and administration. Many neighborhoods with Cluster Housing developments and Residential Unit Developments have more restrictive covenants which will take precedence over the Zoning Ordinance.

She reviewed changes proposed for the ordinance which include allowing 6-foot fencing for side and rear yards only; limitation of chain link fencing to 4 foot and only when powder coated; limitation of fencing to midpoint building lines, with exceptions permitted for enclosure of side doors; provisions for evaluation of fencing requirements on corner lots by Building Department; mandating fencing to be at least 1 foot from any sidewalk; and new provisions regarding maintenance, location, clear vision, process for appeal, and general appearance.

Discussion centered on the need for allowing the 6-foot fencing to extend to the midpoint building line, rather than just the rear and side yards. Planning Commissioners Pratt and Harb and Zoning Board members Carlin, Boyd, and Schnettler expressed their support for this change. Board members discussed further the ordinance changes and Attorney Bennett recommended the Board hold an additional public hearing. It was agreed to hold the public hearing and continue discussion on April 9.

Trustee Doroshewitz asked that clarification be made regarding the last text amendment that came before the Board regarding the Cluster Housing Option. It was not initiated by the Planning Commission, but by the developer.

**2. Future of Recycling Service with GFL – *Supervisor Heise***

Supervisor Heise reviewed the options presented by GFL regarding recyclables in light of the changing market. They've offered to continue to make collection in recycling carts for processing at an MRF with an increase of \$2.07 per household per month; or collecting all materials either in trash or recycling carts for disposal at a landfill or the Detroit incinerator, which uses waste to generate steam heating/cooling and electricity, at no increase in rates.

Supervisor Heise also mentioned the proposal by GFL at their meeting to reimburse the Township out of the fee, but he has yet to receive this offer in writing. He did get an e-mail regarding their sharing in the commodity revenue when the markets return.

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
STUDY SESSION  
TUESDAY, MARCH 5, 2019**

**PROPOSED MINUTES**

Board members discussed the options and the difficulty of having the public return to recycling if it is abandoned.

Supervisor Heise had questions for Attorney Bennett as to whether the present contract would preclude this request or whether a discount could be obtained if they take the material to a landfill because GFL does not have to pay processing fees for recycling.

3. Discussion on Employee Salaries and Benefits Online Posting - *Trustee Bob Doroshewitz*

Trustee Doroshewitz indicated his request is in the interests of transparency and dispelling rumors. He said it wouldn't have to be by name, but could be by role.

Discussion included the effect the timing of the posting might have on upcoming negotiations with several labor contracts expiring soon.

There was input from the Township's labor lawyer on the effects, perhaps resulting in Unfair Labor Practices charges; from Cheri Palmarchuk, representing TPOAM, asking that names not be included; from Guy Villet, representing the Fire Department who asked that actual hours worked be included; and from the Deputy Clerk on the creation of a document that would be obtainable by a FOIA request by out of state companies whose motives may not be clear.

**D. SUPERVISOR AND TRUSTEE COMMENTS –** There were none.

**E. CLOSED SESSION**

At 8:40 p.m. Clerk Vorva moved that a closed session be called for the purpose of discussing labor negotiations with the labor attorney in accordance with OMA Section 8(c), MCL 15.268(c) Seconded by Trustee Heitman. Ayes all on a roll call vote.

**F. RETURN TO OPEN SESSION**

At 10:07 p.m. Trustee Heitman moved that the Board return to open session. Seconded by Clerk Vorva. Ayes all on a roll call vote.

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
STUDY SESSION  
TUESDAY, MARCH 5, 2019**

**PROPOSED MINUTES**

**G. ADJOURNMENT**

Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 10:08 p.m. Ayes all.

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Jerry Vorva, Township Clerk

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**CONSENT AGENDA**

**ITEM D.2  
ACCEPTANCE OF COMMUNICATIONS,  
RESOLUTIONS, REPORTS  
N/A**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**CONSENT AGENDA**

**ITEM D.3  
APPROVAL OF TOWNSHIP BILLS**

BOARD DATE

3/12/2019

FUND NAME	FUND NUMBER	PAYROLL & INVOICES PAID		
		TOTAL INC PAYROLL	PRIOR TO MEETING	INVOICES PAID AFTER BOARD REVIEW
GENERAL FUND	101	653,314.92	560,541.71	92,773.21
SWD	226	4,611.56	4,096.75	514.81
IMPROV. REV.	246	-	-	
DRUG FORFEITURE	265	2,162.50	-	2,162.50
DRUG FORFEITURE	266	-	-	
DRUG FORFEITURE	267	-	-	
GOLF COURSE FUND	510	205.82	205.82	
SENIOR TRANSPORATION	588	5,604.07	4,450.05	1,154.02
WATER & SEWER	592	441,126.34	77,921.96	363,204.38
TRUST& AGENCY	701	19,835.75	19,835.75	
POLICE BOND FUND	702	2,880.00	2,880.00	
TAX POOL	703	-	-	
SPECIAL ASSESS CAPITAL	805	-	-	
	TOTAL	1,129,740.96	669,932.04	459,808.92

GRAND TOTAL

1,129,740.96

DK 11 5/11/11 23

# Charter Township of Plymouth

## AP Invoice Listing - Board Report

### VENDOR INFORMATION

### INVOICE INFORMATION

<b>ACE-TEX ENTERPRISES</b>			<b>Invoice Amount:</b>	<b>\$264.57</b>
Towels to wash vehicles at all stations			<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-863.000	75# of rags incl freight		264.57
<b>ADVANCED DISPOSAL</b>			<b>Invoice Amount:</b>	<b>\$313.00</b>
TWP FACILITIES - FEB 2019 FEES			<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-776.000	FIRE STN 3 TRASH		25.00
	101-265-776.000	TWP HALL TRASH/RECYCLE		170.00
	592-172-776.000	DPW TRASH		68.00
	101-336-776.000	FIRE STN 2 TRASH		25.00
	101-265-815.000	FRIENDSHIP STATION TRASH		25.00
<b>ADVANCED WIRELESS TELECOM</b>			<b>Invoice Amount:</b>	<b>\$88.00</b>
ipad case			<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-727.000	DS-DA-705 case		88.00
<b>ALLIE BROTHERS UNIFORMS</b>			<b>Invoice Amount:</b>	<b>\$18.99</b>
Uniform Equip/CC Supervisor Fell Inv. 74589 2/7			<b>Check Date:</b>	<b>03/12/2019</b>
	101-325-758.000	Uniform Badge Case		18.99
<b>ALLIE BROTHERS UNIFORMS</b>			<b>Invoice Amount:</b>	<b>\$76.98</b>
Uniform Equip/Nicely Inv. 74609 2/8/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-758.000	Uniform Tie Bar		11.99
	101-305-758.000	Uniform Sweater		64.99
<b>ALLIE BROTHERS UNIFORMS</b>			<b>Invoice Amount:</b>	<b>\$354.99</b>
Uniform Equip/J. Hayes Inv. 74845 2/23/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-758.000	Uniform Boots		354.99
<b>ALLIE BROTHERS UNIFORMS</b>			<b>Invoice Amount:</b>	<b>\$453.92</b>
uniforms for J Tacoma			<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-758.000	Name Bar		16.99
	101-336-758.000	LS Shirts		95.98
	101-336-758.000	SS Shirt		45.99
	101-336-758.000	pants		164.97
	101-336-758.000	Shoes		95.00
	101-336-758.000	Belt - all for J Tacoma		34.99
<b>ALLIANCE OF ROUGE COMMUNITIES</b>			<b>Invoice Amount:</b>	<b>\$12,709.00</b>
Membership Dues 2019			<b>Check Date:</b>	<b>03/12/2019</b>
	592-172-973.030	Membership Dues 2019		12,709.00
<b>AMERICAN PUBLIC WORKS ASSN-DWNRIVER</b>			<b>Invoice Amount:</b>	<b>\$20.00</b>
Membership Renewal for Dan Hamann			<b>Check Date:</b>	<b>03/12/2019</b>
	592-172-958.000	Michigan Chapter Dues DPW Foreman S-1		20.00
<b>ASSOCIATED NEWSPAPERS OF MICHIGAN</b>			<b>Invoice Amount:</b>	<b>\$27.49</b>
ZBA March 7, 2019 (setbacks & lot coverage)			<b>Check Date:</b>	<b>03/12/2019</b>
	101-371-727.000	ZBA March 7, 2019		27.49
<b>ASSOCIATED NEWSPAPERS OF MICHIGAN</b>			<b>Invoice Amount:</b>	<b>\$185.25</b>
2019 Bd of Trustees Mtg Schedule			<b>Check Date:</b>	<b>03/12/2019</b>
	101-215-813.000	2019 BOT Mtg Schedule		185.25
<b>NAPA Auto Parts of Plymouth</b>			<b>Invoice Amount:</b>	<b>\$3.50</b>
Vehicle Supplies Inv. 603203 2/19/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-863.000	Micro2 Fuse - 20 Amp		3.50

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<b>B S &amp; A SOFTWARE</b>			<b>Invoice Amount:</b>	<b>\$6,615.00</b>
BS&A Online Services - 2/1/19--2/1/20			<b>Check Date:</b>	<b>03/12/2019</b>
	101-209-941.000	Assessing		1,323.00
	101-371-727.000	Building		1,323.00
	101-253-727.000	Tax & Special Assessment		2,646.00
	592-172-727.000	Public Services		1,323.00
<b>BATTERIES PLUS BULBS</b>			<b>Invoice Amount:</b>	<b>\$54.85</b>
BATTERY FOR FIRE ALARM SYSTEM AT DPW WA			<b>Check Date:</b>	<b>03/12/2019</b>
	592-291-851.000	12V LEAD DURA12-5F		35.90
	592-291-851.000	12V LEAD DURA12-7F		18.95
<b>BATTERIES PLUS BULBS</b>			<b>Invoice Amount:</b>	<b>\$147.78</b>
Batteries for Police Department Inv. 481-P117521			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-727.000	3 Volt Batteries		55.90
	101-305-727.000	AA Batteries		63.92
	101-305-727.000	AAA Batteries		27.96
<b>BATTERIES PLUS BULBS</b>			<b>Invoice Amount:</b>	<b>\$14.98</b>
ALKALINE BATTERIES			<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-836.000	18 PACK ALAAA BATTERIES		6.99
	101-336-836.000	24 PACKK RAYALAA BATTERIES		7.99
<b>BATTERY SOLUTIONS, LLC.</b>			<b>Invoice Amount:</b>	<b>\$109.95</b>
Battery Recycle			<b>Check Date:</b>	<b>03/12/2019</b>
	226-226-810.000	iRecycle - Filled Pail #A370893_02/20/19		109.95
<b>ASSA ABLOY ENTRANCE SYSTEMS US, INC</b>			<b>Invoice Amount:</b>	<b>\$238.95</b>
SLIDING AUTOMATIC DOORS			<b>Check Date:</b>	<b>03/12/2019</b>
	101-265-776.000	INVOICE SEI/01247284		238.95
<b>BLACKWELL FORD INC.</b>			<b>Invoice Amount:</b>	<b>\$1,420.79</b>
REPAIR FORD 2014 EXPLORER			<b>Check Date:</b>	<b>03/12/2019</b>
	101-371-863.000	INVOICE 344051		1,420.79
<b>BLACKWELL FORD INC.</b>			<b>Invoice Amount:</b>	<b>\$327.69</b>
Vehicle Repair/A66875 Inv. 344579 2/20/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-863.000	Replace Left Side Cat Monitor Sensor		327.69
<b>BLACKWELL FORD INC.</b>			<b>Invoice Amount:</b>	<b>\$492.94</b>
Vehicle Repair/157878 Inv. 345044 2/28/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-863.000	R & R Lower Steering Shaft		492.94
<b>BLACKWELL FORD INC.</b>			<b>Invoice Amount:</b>	<b>\$224.81</b>
Vehicle Repair/A66875 Inv. 344903 2/28/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-863.000	Replace Front Wiper Linkage		224.81
<b>BLACKWELL FORD INC.</b>			<b>Invoice Amount:</b>	<b>\$15.00</b>
Vehicle Repair/106809 Inv. 344261 2/13/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-863.000	Replaced Damaged Wheel		15.00
<b>BLACKWELL FORD INC.</b>			<b>Invoice Amount:</b>	<b>\$52.34</b>
Vehicle Repair/157878 Inv. 344515 2/18/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-863.000	Oil Change		52.34



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<b>BLACKWELL FORD INC.</b> Vehicle Repair/B68428 Inv. 344290 2/11/19 101-305-863.000 Adj lower sub frame/Replace TPMS Sensor	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$174.95</b> <b>03/12/2019</b> 174.95
<b>BLACKWELL FORD INC.</b> Vehicle Repair/128075 Inv. 344239 2/11/19 101-305-863.000 Wheel Alignment	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$89.95</b> <b>03/12/2019</b> 89.95
<b>BLACKWELL FORD INC.</b> Vehicle Repair/A66875 Inv. 343911 2/1/19 101-305-863.000 Oil Change	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$52.34</b> <b>03/12/2019</b> 52.34
<b>BLACKWELL FORD INC.</b> Vehicle Repair/C07494 Inv. 344274 2/11/19 101-305-863.000 Oil Change/filter	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$63.83</b> <b>03/12/2019</b> 63.83
<b>BUCK'S OIL CO., INC</b> Parks - Oil for Equipment 101-691-931.500 1/55 gallon drum - Proguard 10W30	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$327.25</b> <b>03/12/2019</b> 327.25
<b>BUCK'S OIL CO., INC</b> Parks - Removal of Used Oil 101-691-931.500 Removal of Used Oil Inv #77184	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$75.00</b> <b>03/12/2019</b> 75.00
<b>CSX TRANSPORTATION INC</b> CSX Fees 592-291-932.000 Annual fee 4/6/19-4/5/20	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$200.00</b> <b>03/12/2019</b> 200.00
<b>CAROUSEL CARPET &amp; UPHOLSTERY CLNG</b> Carpet Cleaning at Risen Christ Church 101-262-851.000 Carpet-Risen Christ Church	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$486.00</b> <b>03/12/2019</b> 486.00
<b>CDW GOVERNMENT INC</b> FUJITSU FI-7160 SCANNER PA03670-B085 101-371-978.000 QUOTE KJPM201	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$890.00</b> <b>03/12/2019</b> 890.00
<b>CDW GOVERNMENT INC</b> BackupExec Renewal - MiDeal - Quote KHQF259 101-290-941.000 BackupExec Software Renewal	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$1,262.00</b> <b>03/12/2019</b> 1,262.00
<b>CINTAS CORPORATION - 300</b> Mat service for P.D. Inv. 4017135417 2/22/19 101-305-776.000 Mats for pd	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$213.93</b> <b>03/12/2019</b> 213.93
<b>CODE SAVVY CONSULTANTS LLC</b> PLAN REVIEW FIRE ALARM GLOBAL CNC ADDITI 101-371-818.000 INVOICE 1441	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$750.00</b> <b>03/12/2019</b> 750.00
<b>CORRIGAN OIL COMPANY</b> Fuel 02/20/19 #6771299-IN 592-291-863.000 Dyed Ultra Low Sulfur #2 Mix 592-291-863.000 Fuel Tax Recap 592-291-863.000 Environmental Fee 592-291-863.000 GE87 GAS-ETHANOL	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$1,613.58</b> <b>03/12/2019</b> 559.04 10.07 6.95 1,037.52
<b>Corporate Benefit Solutions, LLC</b> February 2019 Monthly Premium for BenExpress	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$299.40</b> <b>03/12/2019</b>

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	101-171-818.000	January 2019 BenExpress Enrollment	400.00
	101-171-818.000	Jan 2019 UNUM BenX Credit	(100.60)
<b>CUMMINS BRIDGEWAY, LLC</b>		<b>Invoice Amount:</b>	<b>\$1,301.83</b>
Semi-Annual Generator Maintenance Agree. Inv.		<b>Check Date:</b>	<b>03/12/2019</b>
	101-315-951.000	Service Period 5-1-19 - 5-31-20	1,301.83
<b>Douglass Safety Systems, LLC</b>		<b>Invoice Amount:</b>	<b>\$363.43</b>
Helmet HT-TRA-EVO-B (Black)		<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-758.100	EV1 Helmet (Black)	350.00
	101-336-758.100	Freight	13.43
<b>MICH MUN RISK MGT AUTHORITY ECP</b>		<b>Invoice Amount:</b>	<b>\$11,186.56</b>
Electric Choice - January 19		<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-921.000	Electric Choice	2,374.70
	592-172-921.000	Electric Choice	828.13
	101-171-921.000	Electric Choice	443.00
	101-201-921.000	Electric Choice	237.04
	101-209-921.000	Electric Choice	126.81
	101-215-921.000	Electric Choice	384.98
	101-253-921.000	Electric Choice	160.79
	101-305-921.000	Electric Choice	1,272.23
	101-325-921.000	Electric Choice	264.81
	101-325-921.400	Electric Choice	264.81
	101-336-921.000	Electric Choice	187.31
	101-371-921.000	Electric Choice	278.90
	101-371-921.500	Electric Choice	156.23
	592-172-921.000	Electric Choice	367.16
	592-172-921.000	Electric Choice	1,873.97
	101-336-921.000	Electric Choice	707.33
	101-691-921.000	Electric Choice	283.10
	101-265-921.000	Electric Choice	175.23
	588-588-921.000	Electric Choice	11.19
	101-100-067.010	Electric Choice	788.84
<b>Denny's Service Center</b>		<b>Invoice Amount:</b>	<b>\$609.50</b>
Senior Transportation Vehicle Repair (details attac		<b>Check Date:</b>	<b>03/12/2019</b>
	588-588-863.000	Replace tire, bulb, air filter-#868424	609.50
<b>Denny's Service Center</b>		<b>Invoice Amount:</b>	<b>\$533.33</b>
Senior Transportation Vehicle Repair (details attac		<b>Check Date:</b>	<b>03/12/2019</b>
	588-588-863.000	Labor and parts-#868409	533.33
<b>FELLRATH, PATRICK</b>		<b>Invoice Amount:</b>	<b>\$104.40</b>
Mileage Reimbursement P. Fellrath Feb-19		<b>Check Date:</b>	<b>03/12/2019</b>
	592-291-863.000	Mileage Reimbursement Feb-19	104.40
<b>FELL, CYNTHIA</b>		<b>Invoice Amount:</b>	<b>\$23.50</b>
Reimbursement for Notary Fees		<b>Check Date:</b>	<b>03/12/2019</b>
	101-325-727.000	Wayne County Clerk/State Fees	23.50
<b>FIFER INVESTIGATIONS, LLC</b>		<b>Invoice Amount:</b>	<b>\$1,900.00</b>
Background Inv. R. Roselle		<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-963.000	Background Investigation R. Roselle	1,900.00
<b>FIRE MODULES LLC</b>		<b>Invoice Amount:</b>	<b>\$137.58</b>
fire modules messaging		<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-853.000	5503 sms/call notifications	137.58

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<b>GFL Environmental USA, Inc.</b> DPW RECYCLE CENTER 226-226-810.500	02/12/19 - CARDBOARD/PAPER RECYCLE	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$195.00</b> <b>03/12/2019</b> 195.00
<b>Great Lakes Ace Hardware</b> BLANKET PO 2019 101-691-931.000	BLANKET PO 2019	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$9.49</b> <b>03/12/2019</b> 9.49
<b>HALT FIRE INC</b> E1 replaced transducer 101-336-863.000	E1 replaced transducer	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$677.64</b> <b>03/12/2019</b> 677.64
<b>HALT FIRE INC</b> E1 door switch 101-336-863.000	E1 door switch	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$196.75</b> <b>03/12/2019</b> 196.75
<b>HALT FIRE INC</b> E1 door alarm & light 101-336-863.000	E1 door alarm & light	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$204.00</b> <b>03/12/2019</b> 204.00
<b>HAROLD'S FRAME SHOP</b> CONTROLLER FOR WESTERN PLOW #89921 1/29 592-291-863.000	96900 HANDHELD CONTROLLER	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$422.00</b> <b>03/12/2019</b> 422.00
<b>HAROLD'S FRAME SHOP</b> INVOICE #90194 2/19/19 FOR #402 and #403 592-291-863.000	REPLACEMENT PLOW BLADES(2 SETS OF 2)	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$758.00</b> <b>03/12/2019</b> 758.00
<b>HAROLD'S FRAME SHOP</b> INVOICE #90289 2/27/19 for #410 592-291-863.000 592-291-863.000	PUMP KIT ONE GAL. HIGH PERFORMANCE FLUID	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$287.60</b> <b>03/12/2019</b> 253.60 34.00
<b>HAROLD'S FRAME SHOP</b> INVOICE #90309 REPLACE PLOW MOTOR TRUCK 592-291-863.000	MOTOR ASSY 4 1/2' FS (21500-1)	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$194.09</b> <b>03/12/2019</b> 194.09
<b>Micheal Hinkle</b> Clothing Reimbursement for 2019 - Detective Bur 101-305-758.000	Union Contract Clothing Allowance	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$500.00</b> <b>03/12/2019</b> 500.00
<b>HORTON PLUMBING</b> Work in Women's Jail Cell #2 Inv. 1170543 2/8/1 101-325-851.400	Commercial Labor	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$232.50</b> <b>03/12/2019</b> 232.50
<b>J &amp; B MEDICAL SUPPLY INC</b> medical supplies 101-336-836.000	FLOW-SAFE CPAP SYSTEM w SMALL ADULT	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$170.85</b> <b>03/12/2019</b> 170.85
<b>J &amp; B MEDICAL SUPPLY INC</b> medical supplies 101-336-836.000	Suction cups	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$75.98</b> <b>03/12/2019</b> 75.98
<b>J &amp; B MEDICAL SUPPLY INC</b> medical supplies 101-336-836.000	Suction cups	<b>Invoice Amount:</b> <b>Check Date:</b>	<b>\$379.91</b> <b>03/12/2019</b> 379.91

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<b>KITCHEN, SPENCER</b>			<b>Invoice Amount:</b>	<b>\$70.00</b>
DEQ Drinking Water Operator Training and Certifi			<b>Check Date:</b>	<b>03/12/2019</b>
592-172-960.000	Training Certification			70.00
<b>KNIGHT TECHNOLOGY GROUP, INC.</b>			<b>Invoice Amount:</b>	<b>\$240.00</b>
Technical support server upgrade plan- Invoice 1			<b>Check Date:</b>	<b>03/12/2019</b>
101-290-941.000	Server Upgrade planning			240.00
<b>KSS Enterprises</b>			<b>Invoice Amount:</b>	<b>\$70.88</b>
Parks - Supplies - invoice # 1141368			<b>Check Date:</b>	<b>03/12/2019</b>
101-691-931.000	Liner EC385815 Black			70.88
<b>LB Office</b>			<b>Invoice Amount:</b>	<b>\$557.86</b>
Copy Paper			<b>Check Date:</b>	<b>03/12/2019</b>
101-215-727.000	8 1/2" x 11" Copy Paper			419.88
101-215-727.000	11" x 17" Copy Paper			137.98
<b>LERMA</b>			<b>Invoice Amount:</b>	<b>\$60.00</b>
2019 LERMA Membership Dues - Karen Bonadeo			<b>Check Date:</b>	<b>03/12/2019</b>
101-305-958.000	Membership dues Jan 1-Dec. 31, 2019			60.00
<b>AutoZone</b>			<b>Invoice Amount:</b>	<b>\$73.67</b>
Vehicle Maintenance Wire splices, cleaning suppli			<b>Check Date:</b>	<b>03/12/2019</b>
101-336-863.000	Vehicle accessories			73.67
<b>MAIN STREET AUTO WASH</b>			<b>Invoice Amount:</b>	<b>\$430.00</b>
January and February (through 2/17/19) Car Was			<b>Check Date:</b>	<b>03/12/2019</b>
101-305-863.000	Police Vehicles			420.00
101-336-863.000	Fire Admin. Vehicles			5.00
101-371-863.000	Building Vehicles			5.00
<b>MAPLES ENVIRONMENTAL PEST CONTROL</b>			<b>Invoice Amount:</b>	<b>\$175.00</b>
PEST CONTROL FRIENDSHIP STATION			<b>Check Date:</b>	<b>03/12/2019</b>
101-265-858.000	MICE CONTROL, ETC			175.00
<b>MARK'S OUTDOOR POWER EQUIPMENT</b>			<b>Invoice Amount:</b>	<b>\$100.90</b>
REPAIR OF SIDEWALK SPREADERS #161088 02/			<b>Check Date:</b>	<b>03/12/2019</b>
101-446-731.000	DRIVEWHEEL AND TIRE ASSY			60.95
101-446-731.000	SHINDAIWA DEFLECTOR KIT			39.95
<b>MCKENNA ASSOCIATES INC</b>			<b>Invoice Amount:</b>	<b>\$5,834.50</b>
Professional Service January 2019 - Invoice # 21			<b>Check Date:</b>	<b>03/12/2019</b>
101-371-818.500	14 -- 1/2 day on-site services (70%)			5,320.00
101-371-818.500	.70 -- Full day on-site services (70%)			514.50
<b>MERCHANTS &amp; MEDICAL CREDIT CORP, IN</b>			<b>Invoice Amount:</b>	<b>\$518.18</b>
Transport collection fees			<b>Check Date:</b>	<b>03/12/2019</b>
101-336-959.000	Transport collection fees			518.18
<b>MICHIGAN CAT</b>			<b>Invoice Amount:</b>	<b>\$2,537.56</b>
Parts/Repair/Labor for Caterpillar 420D A OFDP09			<b>Check Date:</b>	<b>03/12/2019</b>
592-291-851.000	Parts and labor, preventive maintenance			2,537.56
<b>MDEQ - STATE OF MICHIGAN</b>			<b>Invoice Amount:</b>	<b>\$500.00</b>
Stormwater Annual Permit MIG610038m			<b>Check Date:</b>	<b>03/12/2019</b>
592-172-973.030	Stormwater Annual Permit MIG610038m			500.00

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<b>MICHIGAN RECYCLING COALITION</b>		<b>Invoice Amount:</b>	<b>\$200.00</b>
Membership Renewal - Visel		<b>Check Date:</b>	<b>03/12/2019</b>
226-226-960.000	Membership Renewal - thru March 21, 2020		200.00
<b>Ferguson Waterworks</b>		<b>Invoice Amount:</b>	<b>\$3,217.00</b>
Meter Parts and recieved in 2019		<b>Check Date:</b>	<b>03/12/2019</b>
592-172-780.000	2 UME T/F P/C USG SP-N13766021		715.00
592-172-780.000	3 UME T/F P/C USG SP-N13759121		1,072.00
592-172-780.000	4 UME T/F P/C USG SP-N13759221		1,430.00
<b>MICHIGAN LINEN SERVICE</b>		<b>Invoice Amount:</b>	<b>\$84.35</b>
Uniforms 03/01/2019 #401425		<b>Check Date:</b>	<b>03/12/2019</b>
592-172-758.000	03/01/2019		84.35
<b>MICHIGAN LINEN SERVICE</b>		<b>Invoice Amount:</b>	<b>\$84.35</b>
Uniforms 02/15/2019		<b>Check Date:</b>	<b>03/12/2019</b>
592-172-758.000	02/15/19		84.35
<b>MICHIGAN LINEN SERVICE</b>		<b>Invoice Amount:</b>	<b>\$84.35</b>
Uniforms 02/22/19 #400983		<b>Check Date:</b>	<b>03/12/2019</b>
592-172-758.000	02/22/19		84.35
<b>MOTOROLA SOLUTIONS, INC.</b>		<b>Invoice Amount:</b>	<b>\$482.80</b>
Replacement Batteries for Portable Radios		<b>Check Date:</b>	<b>03/12/2019</b>
101-336-851.000			482.80
<b>MOTOROLA SOLUTIONS, INC.</b>		<b>Invoice Amount:</b>	<b>\$724.20</b>
Radio Batteries for Detectives Radios Inv. 828068		<b>Check Date:</b>	<b>03/12/2019</b>
101-305-851.000	Battery #NNTN8092A		724.20
<b>GIARMARCO, MULLINS &amp; HORTON, PC.</b>		<b>Invoice Amount:</b>	<b>\$3,260.70</b>
Labor Atty. Services (John C. Clark) - January 201		<b>Check Date:</b>	<b>03/12/2019</b>
101-290-828.000	Labor Atty Services (John Clark)		3,260.70
<b>NORTHERN CONTROLS GROUP, INC</b>		<b>Invoice Amount:</b>	<b>\$521.03</b>
Control System Service - Plymouth TWP		<b>Check Date:</b>	<b>03/12/2019</b>
592-172-973.010	Troubleshooting loss of communication		280.00
592-172-973.010	Travel Time & Mileage		108.14
592-172-973.010	Power supply		132.89
<b>NORTHVILLE, CHARTER TOWNSHIP OF</b>		<b>Invoice Amount:</b>	<b>\$2,218.50</b>
January 2019 Five Mile Road Corridor Project -- L		<b>Check Date:</b>	<b>03/12/2019</b>
101-371-818.500	JAN 2019 LEGAL SERVICES-BRA/MITC		2,218.50
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$143.61</b>
Folders, floor mat, pens, envelopes		<b>Check Date:</b>	<b>03/12/2019</b>
101-215-727.000	5" x 8" blank index cards		12.60
101-215-727.000	9-hole paper punch		6.79
101-215-727.000	Counter pens w chain		9.98
101-215-727.000	Counter pen refills		2.02
101-215-727.000	Green ink gel pens-x fine		17.49
101-215-727.000	Clear front report covers-blue		28.34
101-215-727.000	Handheld calculator		9.49
101-215-727.000	Post-it filing tabs		5.59
101-215-727.000	Post-it filing tabs		4.37
101-215-727.000	Red ink gel pens-med		17.49
101-215-727.000	Black ink gel pens-med		12.08

**Charter Township of Plymouth**  
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**VENDOR INFORMATION**

**INVOICE INFORMATION**

	101-215-727.000	Hanging folders colored	7.37
	101-215-727.000	6" x 9" clasp envelopes	10.00
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$129.98</b>
Folders, floor mat, pens, envelopes		<b>Check Date:</b>	<b>03/12/2019</b>
	101-215-727.000	L-shaped floor mat	99.99
	101-215-727.000	OFFICE SUPPLIES	29.99
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$294.34</b>
Office Supplies for Lockup Inv. 275475819001 2/1		<b>Check Date:</b>	<b>03/12/2019</b>
	101-325-727.400	Lexmark Toner	294.34
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$16.19</b>
Office Supplies for Records Inv. 275296375001 2/		<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-727.000	Wall Calendar	16.19
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$302.98</b>
Office Supplies for Police Dept. Inv. 2710488810		<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-727.000	Report Covers	20.40
	101-305-727.000	1/2" Binders	18.98
	101-305-727.000	1/2" White Binders	18.16
	101-305-727.000	Interoffice Envelopes	13.79
	101-325-727.000	Epson Ink Cartridges	83.98
	101-305-727.000	Wall Calendar	16.19
	101-305-727.000	1" White Binder	17.52
	101-305-727.000	Correction Tape	70.78
	101-325-727.000	Counterfeit Pens	10.98
	101-305-727.000	Sticky Backs	7.09
	101-325-727.000	Permanent Marker	8.37
	101-325-727.000	Permanent Marker	16.74
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$127.02</b>
Office Supplies Inv. 271062728001 2/7/19		<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-727.000	Memo Notebooks	70.35
	101-305-727.000	Shredder Oil	39.98
	101-305-727.000	Appt. Book	16.69
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$(16.19)</b>
CREDIT RELATED TO INVOICE 271048881001		<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-727.000	OFFICE SUPPLIES	(16.19)
<b>OFFICE DEPOT</b>		<b>Invoice Amount:</b>	<b>\$97.48</b>
Office Supplies for Records Inv. 271062726001 2		<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-727.000	DVD-R	97.48
<b>PARAGON LABORATORIES</b>		<b>Invoice Amount:</b>	<b>\$199.00</b>
DBP-1 Testing		<b>Check Date:</b>	<b>03/12/2019</b>
	592-172-818.100	DBP-1 Testing	199.00
<b>CHARTER TWSP OF PLYMOUTH</b>		<b>Invoice Amount:</b>	<b>\$2,491.21</b>
Senior Transportation - January 2019		<b>Check Date:</b>	<b>03/12/2019</b>
	101-955-885.000	January 2019 - Senior Trans. Exp.	2,491.21
<b>PLYMOUTH-CANTON COMMUNITY SCHOOLS</b>		<b>Invoice Amount:</b>	<b>\$347.10</b>
JANUARY FUEL INVOICE		<b>Check Date:</b>	<b>03/12/2019</b>
	101-371-863.000	INVOICE 002628	347.10

**Charter Township of Plymouth**  
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**VENDOR INFORMATION**

**INVOICE INFORMATION**

<b>PLYMOUTH-CANTON COMMUNITY SCHOOLS</b>			<b>Invoice Amount:</b>	<b>\$3,027.92</b>
January Fuel Inv. 002628 2/8/19			<b>Check Date:</b>	<b>03/12/2019</b>
	101-305-863.000	Patrol Vehicles		2,998.67
	101-325-963.000	PSA Vehicle		29.25
<b>Pumphrey, Zachary</b>			<b>Invoice Amount:</b>	<b>\$70.00</b>
Training & Certification			<b>Check Date:</b>	<b>03/12/2019</b>
	592-172-960.000	Reimbursement - DEQ Training 2019		70.00
<b>AIRGAS USA, LLC</b>			<b>Invoice Amount:</b>	<b>\$182.90</b>
Oxygen for Cutting Torch 10/31/18			<b>Check Date:</b>	<b>03/12/2019</b>
	592-291-851.000	Oxygen Industrial 80 CGA 540 1 CYLINDER		31.13
	592-291-851.000	AC 3 1 CYLINDER		70.20
	592-291-851.000	Hazmat Charge		15.50
	592-291-851.000	RAD64002060 HLDR ELECT		28.95
	592-291-851.000	RAD64001054 ELECT STCK		19.24
	592-291-851.000	RAD64001032 ELECT STCK		17.88
<b>RAYHAVEN GROUP, INC.</b>			<b>Invoice Amount:</b>	<b>\$2,162.50</b>
Furnish and Install Additional 7 Lockers in P.D. In			<b>Check Date:</b>	<b>03/12/2019</b>
	265-300-978.000	50% Deposit for 4 mens/3 womens lockers		2,162.50
<b>R.D.REOME COMPANY</b>			<b>Invoice Amount:</b>	<b>\$351.00</b>
Maintenance Agreement IR-3300			<b>Check Date:</b>	<b>03/12/2019</b>
	592-172-818.000	Canon Maint. agreement 3/21/19-3/21/2020		351.00
<b>SEHI COMPUTER PRODUCTS</b>			<b>Invoice Amount:</b>	<b>\$255.12</b>
Plotter Supplies			<b>Check Date:</b>	<b>03/12/2019</b>
	592-172-727.000	HP 72 Black Designjet Ink		124.56
	592-172-727.000	HP 72 Gray Designjet Ink		124.56
	592-172-727.000	Freight		6.00
<b>SIRCHIE FINGER PRINT LAB</b>			<b>Invoice Amount:</b>	<b>\$341.53</b>
Lock up Supplies			<b>Check Date:</b>	<b>03/12/2019</b>
	101-325-727.400	Evidence Bags 4 x 7 1/2 (100 ea)		73.38
	101-325-727.400	Evidence Bags 9 x 12 (500)		179.17
	101-325-727.400	Evidence Bags 12 x 15 1/2 (100 ea)		50.21
	101-325-727.400	Shipping		38.77
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$6,622.25</b>
Spalding DeDecker - FEB. 2019 Invoice (minus Bu			<b>Check Date:</b>	<b>03/12/2019</b>
	101-371-818.500	Invoice # 78883 - Monthly Retainer		500.00
	101-290-818.000	Inv # 78902-123NET 15620 Tech. DRive		230.00
	101-290-818.000	Inv# 78903-Comcast #CF818085RLR128-DPW		592.50
	101-290-818.000	Inv# 78904 - SprintUpgrade 40475 AA rd.D		707.50
	592-443-939.000	Inv# 78898 -Water Tower Cathodic Protect		426.25
	101-290-818.000	Inv# 78901 -Miss Dig Design Ticket - DPW		2,702.50
	592-172-820.000	Inv#78897 -Ply.Twp.Eng.Stds.		488.50
	101-371-818.500	Inv#78882 - Cane's CT CHO-PLANNING		400.00
	101-290-818.000	Inv#78905-Comcast #CX20849240TDG18-DPW		575.00
<b>SUPERIOR MEDICAL WASTE</b>			<b>Invoice Amount:</b>	<b>\$180.00</b>
med waste pick up			<b>Check Date:</b>	<b>03/12/2019</b>
	101-336-836.000	Medical Waste pickups		180.00
<b>SURE-FIT LAUNDRY CO.</b>			<b>Invoice Amount:</b>	<b>\$45.00</b>
Prisoner Blanket Cleaning Inv. 413102 2/14/19			<b>Check Date:</b>	<b>03/12/2019</b>

**Charter Township of Plymouth**  
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**INVOICE INFORMATION**

	101-325-851.400	Blanket Cleaning	45.00
<b>SURE-FIT LAUNDRY CO.</b>			<b>Invoice Amount: \$6.75</b>
Prisoner Blanket Cleaning Inv. 413644 2/28/19			<b>Check Date: 03/12/2019</b>
	101-325-851.400	Blanket Cleaning	6.75
<b>SURE-FIT LAUNDRY CO.</b>			<b>Invoice Amount: \$6.75</b>
Prisoner Blanket Cleaning Inv. 413372 2/21/19			<b>Check Date: 03/12/2019</b>
	101-325-851.400	Blanket Cleaning	6.75
<b>SVCICC</b>			<b>Invoice Amount: \$258.00</b>
SVCICC MADCAD USER GROUP			<b>Check Date: 03/12/2019</b>
	101-371-727.000	2019 INVOICE	258.00
<b>STRYKER SALES CORPORATION</b>			<b>Invoice Amount: \$587.14</b>
stretcher maintenance			<b>Check Date: 03/12/2019</b>
	101-336-851.000	Stretcher repairs	587.14
<b>TireHub, LLC</b>			<b>Invoice Amount: \$2,660.40</b>
Police Dept. Tires Inv. 6503852 2/13/19			<b>Check Date: 03/12/2019</b>
	101-305-863.000	2455518 GY Eagle Tires/Patrol Vehicles	2,660.40
<b>Tredroc Tire Service</b>			<b>Invoice Amount: \$895.79</b>
Service of Back Hoe Tire #7330022577			<b>Check Date: 03/12/2019</b>
	592-291-851.000	Tire - service, labor,parts	895.79
<b>UPS</b>			<b>Invoice Amount: \$9.86</b>
Postage - SWD 2019 Commerical License & Decal			<b>Check Date: 03/12/2019</b>
	226-226-810.000	Postage-License/Decals - Republic Servic	4.93
	226-226-810.000	Postage-license/decals - Waste Mgmt.	4.93
<b>WCA ASSESSING</b>			<b>Invoice Amount: \$27,414.25</b>
Appraisal Services Rendered - March 2019			<b>Check Date: 03/12/2019</b>
	101-209-818.000	Appraisal Services Rendered (Contrasct)	23,507.58
	101-209-818.000	Co-Star Services	156.67
	101-209-818.000	Appraisal Personnel	3,750.00
<b>Great Lakes Water Authority</b>			<b>Invoice Amount: \$332,413.40</b>
GLWA -January 2019 Water Usage Charges (Invoi			<b>Check Date: 03/12/2019</b>
	592-441-741.000	GLWA January 2019 Water Usage	332,413.40
<b>WITMER PUBLIC SAFETY GROUP INC</b>			<b>Invoice Amount: \$319.99</b>
3-6' fire hooks			<b>Check Date: 03/12/2019</b>
	101-336-979.000	6 ft. New York Roof Hooks/incl.fgt	250.00
	101-336-979.000	FREIGHT	45.00
	101-336-979.000	FREIGHT	24.99
<b>WITMER PUBLIC SAFETY GROUP INC</b>			<b>Invoice Amount: \$125.00</b>
3-6' fire hooks			<b>Check Date: 03/12/2019</b>
	101-336-979.000	6 ft. New York Roof Hooks/incl.fgt	125.00
<b>Dell Financial Services</b>			<b>Invoice Amount: \$61.94</b>
Planning Dept.-- Computer Lease Qtly Payment -			<b>Check Date: 03/12/2019</b>
	101-371-978.100	Planning Dept. .Computer (Lease-Qtly)	61.94
<b>FOUNDATION SYSTEMS OF MI INC</b>			<b>Invoice Amount: \$60.00</b>
REFUND OF PERMIT			<b>Check Date: 03/12/2019</b>



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VENDOR INFORMATION		INVOICE INFORMATION	
	101-371-965.000	PB18-0806	60.00
RANDAZZO MECHANICAL		Invoice Amount:	\$90.00
REFUND PB19-0068		Check Date:	03/12/2019
	101-371-965.000	REFUND	90.00
Total Amount to be Disbursed:			\$455,518.98

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**VENDOR INFORMATION**

**INVOICE INFORMATION**

<b>CDW GOVERNMENT INC</b>		<b>Invoice Amount:</b>	<b>\$350.00</b>
Server Support - Service Express		<b>Check Date:</b>	<b>03/11/2019</b>
101-290-941.000	Server Support-MXQ52508V1 - thry 9/30/19		350.00
<b>CDW GOVERNMENT INC</b>		<b>Invoice Amount:</b>	<b>\$1,401.00</b>
Server Support - MiDeal - Service Express -7 Ser		<b>Check Date:</b>	<b>03/11/2019</b>
101-290-941.000	Server Support-USE040N9GN - thru 9/30/19		302.00
101-290-941.000	Server Support-2UX74001YP - thru 9/30/19		90.00
101-290-941.000	Server Support-2UX646024A - thru 9/30/19		90.00
101-290-941.000	Server Support-2M251702J3 - thru 9/30/19		135.00
101-290-941.000	Server Support-MXQ51603SR - thru 9/30/19		392.00
101-290-941.000	Server Support-MXQ4100377 - thru 9/30/19		302.00
101-290-941.000	Server Support-MXQ20204W1 - thru 9/30/19		90.00
<b>Elan Equipment, Inc.</b>		<b>Invoice Amount:</b>	<b>\$1,295.00</b>
Invoice # 1810449 - Leightronix Total Info 1 yea		<b>Check Date:</b>	<b>03/11/2019</b>
101-290-978.000	Invoice # 180449		1,295.00
<b>TireHub, LLC</b>		<b>Invoice Amount:</b>	<b>\$572.00</b>
Parks - Tires Park Truck_Inv 5212197		<b>Check Date:</b>	<b>03/11/2019</b>
101-691-863.000	GY WRL AT ADV KEVLAR BW 121S E		572.00
<b>TOUCH OF CLASS CLEANERS</b>		<b>Invoice Amount:</b>	<b>\$229.20</b>
uniform cleaning 7/16/17 - 5/2/18 Fire Insp		<b>Check Date:</b>	<b>03/11/2019</b>
101-336-758.000	Uniform clean - Fire Insp 7/16/17-5/2/18		229.20
<b>WAYNE COUNTY</b>		<b>Invoice Amount:</b>	<b>\$221.37</b>
11/18 Traffic Signal Energy Invoice # 1009427		<b>Check Date:</b>	<b>03/11/2019</b>
101-446-920.000	Traf Sig Energy 11/18		221.37
<b>WAYNE COUNTY</b>		<b>Invoice Amount:</b>	<b>\$221.37</b>
12/18 Traffic Signal Energy Invoice # 1009468		<b>Check Date:</b>	<b>03/11/2019</b>
101-446-920.000	Traf Sig Energy 12/18		221.37
<b>Total Amount to be Disbursed:</b>			<b>\$4,289.94</b>

**Charter Township of Plymouth  
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**VENDOR INFORMATION**

**INVOICE INFORMATION**

**ALERUS FINANCIAL**

Defined Contribution - PAYDATE March 1, 2019

101-325-714.050  
101-100-231.000  
101-305-714.030

Define Contribution -Dispatch (Employer)  
Employee Cont -all  
Define Contribution-Police (ER)

**Invoice Amount: \$5,548.04**  
**Check Date: 03/06/2019**  
1,452.77  
1,687.44  
2,407.83

**ALERUS FINANCIAL**

Defined Contribution - PAYDATE February 15, 201

101-325-714.050  
101-100-231.000  
101-305-714.030  
101-305-714.030  
101-325-714.050

Define Contribution -Dispatch (Employer)  
Employee Cont -all  
Define Contribution-Police (ER)  
Police (ER) (credit- Forfeiture Employer)  
Dispatch (ER) credi (Forfeiture Employer)

**Invoice Amount: \$1,451.10**  
**Check Date: 03/06/2019**  
1,682.43  
1,451.10  
2,407.83  
(2,407.83)  
(1,682.43)

**A T & T**

AT&T - Telephone Allocation - February 2019 - Ac

101-336-853.000  
101-265-853.000  
101-691-853.000  
592-291-853.000

Fire  
Twp. Hall  
Parks  
DPW

**Invoice Amount: \$382.39**  
**Check Date: 03/06/2019**  
130.01  
30.59  
30.59  
191.20

**ADP INC**

ADP EnterpriseTime & Workforce Now & Payroll S

101-290-941.000  
101-290-941.000  
101-290-941.000

Enterprise eTime  
Workforce Now  
Payroll Services

**Invoice Amount: \$4,079.95**  
**Check Date: 03/06/2019**  
2,304.45  
669.50  
1,106.00

**BASIC**

Monthly Fee for COBRA Administration (per Perso

101-290-818.000

Mthly Fee for COBRA (per person)

**Invoice Amount: \$60.00**  
**Check Date: 03/06/2019**  
60.00

**BLUE CARE NETWORK OF MICHIGAN**

BCN of MIchigan - Classes 9 & 10 - March 2019-

101-290-714.500  
101-305-714.500  
101-325-714.500  
101-336-714.500  
592-291-714.500

General Retirees Healthcare  
Police Retirees Healthcare  
Dispatch Retirees Healthcare  
Fire Retirees Healthcare  
Public Works Retirees Healthcare

**Invoice Amount: \$10,761.86**  
**Check Date: 03/06/2019**  
4,379.10  
583.88  
583.88  
4,047.24  
1,167.76

**BLUE CARE NETWORK OF MICHIGAN**

March 2019 Coverage Coverage - classes 7 & 8 (s

101-171-714.000  
101-201-714.000  
101-253-714.000  
101-305-714.000  
101-325-714.000  
101-336-714.000  
101-371-714.000  
592-291-714.000  
101-305-714.500  
101-336-714.500  
101-215-714.000  
101-265-714.000  
592-172-714.000  
226-226-714.000  
592-291-714.000

Supervisor's Office  
IT Dept.  
Treasurer's Dept.  
Police  
Dispatch  
Fire  
Building  
Public Works (Fellrath)  
Police - Retirees  
Fire - Retirees  
Clerk's Office  
Building & Grounds (Haack)  
Public Services  
Solid Waste (Visel)  
Public Works Retiree (Wallace)

**Invoice Amount: \$83,972.64**  
**Check Date: 03/06/2019**  
479.50  
1,237.10  
1,146.00  
17,746.20  
8,678.90  
18,407.90  
3,529.10  
2,675.60  
10,519.92  
13,771.84  
479.50  
1,146.00  
2,105.00  
1,237.10  
812.98

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**VENDOR INFORMATION**

**INVOICE INFORMATION**

**BLUE CROSS/BLUE SHIELD OF MICHIGAN**

BCBS of MI - Retiree Health Care -March 2019 (in  
101-290-714.500  
101-305-714.500  
101-336-714.500

General Retirees  
Police Retirees  
Fire Retirees

**Invoice Amount:** \$4,518.36  
**Check Date:** 03/06/2019  
502.04  
502.04  
3,514.28

**BUONO, DUANE**

FEBRUARY 2019 MECH INSP PAY  
101-371-818.000

FEB 2019 PAY

**Invoice Amount:** \$3,381.00  
**Check Date:** 03/06/2019  
3,381.00

**C.O.A.M. - PLYMOUTH TOWNSHIP**

COAM Union Dues - March 2019  
101-100-232.050  
101-100-232.050  
101-100-232.050  
101-100-232.050  
101-100-232.050

Fetner, William J.  
Hoffman, Marc  
Krebs, Ryan  
Rupard, Bryan  
Seipenko, Todd

**Invoice Amount:** \$363.20  
**Check Date:** 03/06/2019  
72.64  
72.64  
72.64  
72.64  
72.64

**COMCAST**

Comcast High Speed Internet - Township Park -M  
101-691-921.000

High Speed Internet - Township Park

**Invoice Amount:** \$158.31  
**Check Date:** 03/06/2019  
158.31

**COMCAST**

Comcast High Speed Internet - March 2019- 9955  
101-290-941.000

Comcast High Speed Internet - March 2019

**Invoice Amount:** \$126.90  
**Check Date:** 03/06/2019  
126.90

**DTE ENERGY**

DTE Service - Municipal Street LightFebruary 201  
101-446-920.000

February 2019 Municipal Street Light

**Invoice Amount:** \$4,696.97  
**Check Date:** 03/06/2019  
4,696.97

**FIDELITY SECURITY LIFE INSURANCE CO**

EYEmed - Retirees March 2019  
101-290-714.500  
101-305-714.500  
101-325-714.500  
101-336-714.500  
592-172-714.500  
592-291-714.000  
101-371-714.500

General Retirees  
Police Dept. Retirees  
Dispatch Retiree  
Fire Dept. Retirees  
Public Services Retiree  
Public Works Retirees  
Building Retirees

**Invoice Amount:** \$575.36  
**Check Date:** 03/06/2019  
98.43  
130.11  
10.81  
243.90  
5.69  
70.55  
15.87

**FIDELITY SECURITY LIFE INSURANCE CO**

EYEmed - Current Employees -March 2019  
101-171-714.000  
101-201-714.000  
101-215-714.000  
226-226-714.000  
101-253-714.000  
101-265-714.000  
101-305-714.000  
101-325-714.000  
101-336-714.000  
101-371-714.000  
588-588-714.000  
592-172-714.000  
592-291-714.000  
101-215-714.000  
101-336-714.000

Supervisor Dept.  
Info Systems  
Clerk Dept.  
Solid Waste (Visel)  
Treasurer Dept.  
Township Hall (Haack)  
Police Dept.  
Dispatch  
Fire Dept.  
Building Dept.  
Senior Trans (Boyce)  
Public Services  
Public Works Admin.  
Adjustment - Groth  
Adjustment - IAFF

**Invoice Amount:** \$982.50  
**Check Date:** 03/06/2019

5.69  
15.87  
32.37  
15.87  
26.68  
10.81  
359.87  
133.91  
257.01  
37.49  
15.87  
22.19  
21.56  
10.81  
16.50

**Charter Township of Plymouth**  
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**VENDOR INFORMATION**

**INVOICE INFORMATION**

<b>HEILEMAN, JAMES</b>			<b>Invoice Amount:</b>	<b>\$2,104.00</b>
FEB 2019 ELEC INSP PAY			<b>Check Date:</b>	<b>03/06/2019</b>
	101-371-818.000	FEB 2019		2,104.00
<b>HONKE, ANITA</b>			<b>Invoice Amount:</b>	<b>\$135.50</b>
Medicare Part B - March 2019			<b>Check Date:</b>	<b>03/06/2019</b>
	101-336-714.000	Medicare Part B March 2019		135.50
<b>I.A.F.F. - LOCAL 1496</b>			<b>Invoice Amount:</b>	<b>\$2,155.00</b>
IAFF - February 2019 Union Dues (individual list a			<b>Check Date:</b>	<b>03/06/2019</b>
	101-100-232.020	FEB 2019 Union Dues		2,155.00
<b>KNUPP, LINDA</b>			<b>Invoice Amount:</b>	<b>\$135.50</b>
Medicare Part B March 2019			<b>Check Date:</b>	<b>03/06/2019</b>
	101-336-714.500	MedicarePart B - March 2019		135.50
<b>M E R S</b>			<b>Invoice Amount:</b>	<b>\$117,787.82</b>
MERS February 2019 Employee AND Employer			<b>Check Date:</b>	<b>03/06/2019</b>
	101-100-231.030	COAM - Employee Contrib.		3,113.13
	101-100-231.030	POAM - Employee Contrib		9,175.77
	101-100-231.020	FIRE - Employee Contrib.		9,375.09
	101-100-231.050	DISPATCH - Employee Contrib		3,008.77
	101-305-714.030	COAM - Employer Contrib		14,089.06
	101-305-714.030	POAM - Employer Contrib		24,398.00
	101-336-714.020	FIRE - Employer Contrib		47,349.00
	101-325-714.050	DISPATCH - Employer Contrib		7,279.00
<b>MAAS, CARLAS</b>			<b>Invoice Amount:</b>	<b>\$176.20</b>
Medicare Part B March 2019			<b>Check Date:</b>	<b>03/06/2019</b>
	101-336-714.000	Medicare Part B - March 2019		176.20
<b>JOHN HANCOCK LIFE INSURANCE CO.</b>			<b>Invoice Amount:</b>	<b>\$15,537.57</b>
JOHN HANCOCK EMPLOYER PEN MATCH 2-15-19			<b>Check Date:</b>	<b>03/06/2019</b>
	588-588-714.010	Friendship Station (Boyce)		230.63
	101-171-714.010	Supervisor's Office		990.60
	101-201-714.010	IT Services (Janks)		563.36
	101-215-714.010	Clerk's Office		1,817.58
	101-253-714.010	Treasurer's Office		954.29
	101-305-714.010	Police Dept.		631.21
	101-325-714.010	Dispatch (Bonadeo)		286.99
	101-336-714.020	Fire Dept		3,746.88
	101-336-714.010	Fire (Admin) (Jowsey)		249.75
	101-371-714.010	Building Dept.		1,180.97
	101-265-714.010	Township Hall (Haack)		238.39
	592-172-714.010	Public Services (Cobb, Latawiec, Martin)		823.73
	226-226-714.010	Solid Waste (Visel)		315.79
	592-291-714.040	DPW		2,535.24
	592-291-714.010	DPW (Fellrath & Hamann)		972.16
<b>JOHN HANCOCK LIFE INSURANCE CO.</b>			<b>Invoice Amount:</b>	<b>\$15,537.57</b>
JOHN HANCOCK EMPLOYER PEN MATCH 3-1-19 (			<b>Check Date:</b>	<b>03/06/2019</b>
	588-588-714.010	Friendship Station (Boyce)		230.63
	101-171-714.010	Supervisor's Office		990.60
	101-201-714.010	IT Services (Janks)		563.36
	101-215-714.010	Clerk's Office		1,817.58
	101-253-714.010	Treasurer's Office		954.29
	101-305-714.010	Police Dept.		631.21

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**VENDOR INFORMATION**

**INVOICE INFORMATION**

	101-325-714.010	Dispatch (Bonadeo)	286.99
	101-336-714.020	Fire Dept	3,746.88
	101-336-714.010	Fire (Admin) (Jowsey)	249.75
	101-371-714.010	Building Dept.	1,180.97
	101-265-714.010	Township Hall (Haack)	238.39
	592-172-714.010	Public Services (Cobb, Latawiec, Martin)	823.73
	226-226-714.010	Solid Waste (Visel)	315.79
	592-291-714.040	DPW	2,535.24
	592-291-714.010	DPW (Fellrath & Hamann)	972.16
<b>JOHN HANCOCK LIFE INSURANCE CO.</b>		<b>Invoice Amount:</b>	<b>\$4,707.00</b>
JOHN HANCOCK EMPLOYEE CONTRIB 3-1--19 (sp		<b>Check Date:</b>	<b>03/06/2019</b>
101-100-231.000	Employee Contribution (EEMBT)(EEVND)		4,707.00
<b>JOHN HANCOCK LIFE INSURANCE CO.</b>		<b>Invoice Amount:</b>	<b>\$4,707.00</b>
JOHN HANCOCK EMPLOYEE CONTRIB 2-15-19 (s		<b>Check Date:</b>	<b>03/06/2019</b>
101-100-231.000	Employee Contribution (EEMBT)(EEVND)		4,707.00
<b>JOHN HANCOCK LIFE INSURANCE CO.</b>		<b>Invoice Amount:</b>	<b>\$64.40</b>
Monthly Premium- February 2019 - Jowsey		<b>Check Date:</b>	<b>03/06/2019</b>
101-100-237.000	Monthly Premium-Jowsey, Richard- 2-19		64.40
<b>MICHIGAN CONFERENCE OF TEAMSTERS</b>		<b>Invoice Amount:</b>	<b>\$15,584.00</b>
Health insurance -March 2019 (DPW) (individual I		<b>Check Date:</b>	<b>03/06/2019</b>
592-291-714.000	Bartlett, James		1,948.00
592-291-714.000	Krueger, Randy		1,948.00
592-291-714.000	Melow, Steven		1,948.00
592-291-714.000	Overaitis, Joseph		1,948.00
592-291-714.000	Scholten, James		1,948.00
592-291-714.000	Thomas, James		1,948.00
592-291-714.000	Nelson, David		1,948.00
592-291-714.000	Pumphrey, Zachary		1,948.00
<b>MICHIGAN MUNICIPAL LEAGUE</b>		<b>Invoice Amount:</b>	<b>\$223.20</b>
Classified Ad for PT Municipal Accountant - Invoic		<b>Check Date:</b>	<b>03/06/2019</b>
101-215-818.000	Classified Ad for PT Muni. Acct.		223.20
<b>MICHIGAN MUNICIPAL LEAGUE</b>		<b>Invoice Amount:</b>	<b>\$65.28</b>
Classified Ad for PT Payroll Administrator - Invoic		<b>Check Date:</b>	<b>03/06/2019</b>
101-171-818.000	Classified Ad for PT Payroll Admin		65.28
<b>M M L WORKER'S COMPENSATION FUND</b>		<b>Invoice Amount:</b>	<b>\$31,760.00</b>
MML - Workers Comp Fund - July 2018- 2019 Cov		<b>Check Date:</b>	<b>03/06/2019</b>
588-588-720.000	Bus Drivers (senior)		709.41
592-172-720.000	Water Operations		3,514.53
101-336-720.000	Firefighters		13,056.14
101-305-720.000	Police Officers		11,517.15
101-171-720.000	Clerical - Suopervisor		104.08
101-201-720.000	Clerical - IT		83.14
101-215-720.000	Clerical - Clerk		199.72
226-226-720.000	Clerical - Solid Waste		34.20
101-253-720.000	Clerical - Treasurer		81.90
101-305-720.000	Clerical-Police		33.09
101-325-720.000	Clerical-Dispatch (1)		50.92
101-325-720.000	Clerical Dispatch		492.77
101-336-720.000	Clerical - Fire		28.14
101-371-720.000	Clerical - Building		33.47
588-588-720.000	Clerical - Senior		29.31

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**VENDOR INFORMATION**

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	592-172-720.000	Clerical - Water/Sewer	152.75
	101-101-720.000	Elected Officials -	17.36
	101-171-720.000	Elected Officials - Supervisor	11.25
	101-215-720.000	Elected Officials - Clerk	11.25
	101-253-720.000	Elected Officials - Treasurer	11.25
	101-265-720.000	Building Operations	339.12
	101-691-720.000	Parks & Rec	810.50
	592-172-720.000	Municipal Employees -W & S	146.68
	101-371-720.000	Municipal Employees - Building	291.87
<hr/>			
<b>MUNSON, STEVE</b>		<b>Invoice Amount:</b>	<b>\$929.50</b>
FEBRUARY 2019 PLBG INSP PAY		<b>Check Date:</b>	<b>03/06/2019</b>
	101-371-818.000	FEB PLBG PAY	929.50
<hr/>			
<b>NATIONWIDE RET SOL USCM/MIDWEST</b>		<b>Invoice Amount:</b>	<b>\$16,213.79</b>
Nationwide - Contribs. for pay ending 2-10-19- sp		<b>Check Date:</b>	<b>03/06/2019</b>
	101-100-239.000	Contributions for pay ending 2-10-19	16,213.79
<hr/>			
<b>NATIONWIDE RET SOL USCM/MIDWEST</b>		<b>Invoice Amount:</b>	<b>\$16,544.39</b>
Nationwide - Contribs. for pay ending 2-24-19- sp		<b>Check Date:</b>	<b>03/06/2019</b>
	101-100-239.000	Contributions for pay ending 2-219	16,544.39
<hr/>			
<b>P.O.A.M. - PLYMOUTH TOWNSHIP</b>		<b>Invoice Amount:</b>	<b>\$2,017.64</b>
POAM & Dispatch Union Dues -March 2019 (2 sep		<b>Check Date:</b>	<b>03/06/2019</b>
	101-100-232.010	POAM Union Dues 3-19	1,483.44
	101-100-232.040	Dispatch Union Dues 3-19	534.20
<hr/>			
<b>CHARTER TWSP OF PLYMOUTH</b>		<b>Invoice Amount:</b>	<b>\$1,619.30</b>
Plymouth Township - Water/Sewer - March		<b>Check Date:</b>	<b>03/06/2019</b>
	101-171-921.000	Supervisor	38.66
	101-201-921.000	Information Services	20.69
	101-209-921.000	Assessors	11.07
	101-215-921.000	Clerk	33.60
	101-253-921.000	Treasurer	14.03
	101-265-854.000	Senior Center	57.03
	101-305-921.000	Police	111.03
	101-325-921.000	Communications/Dispatch	23.11
	101-325-921.400	Lock Up	23.11
	101-336-921.000	Fire	575.30
	101-371-921.000	Building	24.34
	101-371-921.500	Planning	13.63
	101-691-921.000	Park	343.60
	226-226-921.000	Solid Waste	3.20
	510-510-737.000	Golf Course	96.09
	592-172-921.000	Adm/Gen Expense	168.30
	592-444-745.000	Power & Pumping	58.87
	588-588-921.000	Senior Transport	3.64
<hr/>			
<b>TEAMSTER LOCAL # 214</b>		<b>Invoice Amount:</b>	<b>\$484.00</b>
Teamster Local #214 March 2019		<b>Check Date:</b>	<b>03/06/2019</b>
	101-100-232.030	Bartlett, James	55.00
	101-100-232.030	Kitchen, Spencer	46.00
	101-100-232.030	Krueger, Randy	58.00
	101-100-232.030	Melow, Steven	58.00
	101-100-232.030	Nelson, David	55.00
	101-100-232.030	Overaitis, Joseph	55.00
	101-100-232.030	Pumphrey, Z	50.00
	101-100-232.030	Scholten, James	55.00

**Charter Township of Plymouth**  
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**VENDOR INFORMATION**

**INVOICE INFORMATION**

		101-100-232.030	Thomas, James	52.00
<b>TECHNICAL, PROFESSIONAL AND OFFICE-</b>				<b>Invoice Amount: \$465.00</b>
TPOAM Union Deductions -March 2019				<b>Check Date: 03/06/2019</b>
	101-100-232.060	Bonadeo, Karen E.	31.00	
	101-100-232.060	Bono, Jennifer A.	15.50	
	101-100-232.060	Devoto, Claudia P.	15.50	
	101-100-232.060	Gordon, Cheryl	31.00	
	101-100-232.060	Haack, David	31.00	
	101-100-232.060	Jowsey, Nancy	31.00	
	101-100-232.060	Kline, Anne E.	46.50	
	101-100-232.060	Latawiec, Kelly	31.00	
	101-100-232.060	Leclair, Diane L.	31.00	
	101-100-232.060	MacDonald, Kenneth E.	31.00	
	101-100-232.060	Martin, Carol R.	31.00	
	101-100-232.060	Palmarчук, Cheri	31.00	
	101-100-232.060	Truesdell, Mary Ann	15.50	
	101-100-232.060	Visel, Sarah J.	31.00	
	101-100-232.060	Richardson, Mike	15.50	
	101-100-232.060	MacDonell, Carol	15.50	
	101-100-232.060	Geletzke, Alice	15.50	
	101-100-232.060	Ford, Nicole	15.50	
<b>UNUM LIFE INSURANCE CO. OF AMERICA</b>				<b>Invoice Amount: \$5,134.50</b>
UNUM Premium Statement - March 2019				<b>Check Date: 03/06/2019</b>
	101-171-714.000	Supervisor's Dept.	117.47	
	101-201-714.000	Information Systems	69.00	
	101-215-714.000	Clerk's Dept.	236.00	
	101-253-714.000	Treasurer's Dept.	116.60	
	101-265-714.000	Township Hall (Haack)	37.76	
	101-305-714.000	Police Dept.	1,754.17	
	101-325-714.000	Dispatch Dept.	592.38	
	101-336-714.000	Fire Dept.	1,340.44	
	101-371-714.000	Building Dept.	160.04	
	226-226-714.000	Solid Waste	46.37	
	588-588-714.000	Senior Trans.	36.90	
	592-172-714.000	Public Services	125.39	
	592-291-714.000	Public Works	501.98	
<b>VERIZON WIRELESS</b>				<b>Invoice Amount: \$61.07</b>
Verizon - Cell Phones for Park & Fire		Febru	<b>Check Date: 03/06/2019</b>	
	101-691-853.000	Park Cell phone	40.01	
	101-336-853.000	Fire Cell phone	21.06	
<b>VERIZON WIRELESS</b>				<b>Invoice Amount: \$918.95</b>
March 2019 Wireless Billing Acct #1 - 585762923-				<b>Check Date: 03/06/2019</b>
	592-172-853.000	DPW wireless devices	114.23	
	101-201-853.000	Info services wireless devices	60.79	
	101-336-853.000	Fire wireless devices	141.59	
	101-691-853.000	Park foreman wireless device	50.18	
	101-253-853.000	Treasurer Wireless Service	50.79	
	101-305-853.000	Police Dept. wireless service	256.48	
	101-371-853.000	Building Dept. Wireless Services	244.89	
<b>Total Amount to be Disbursed:</b>				<b>\$376,126.76</b>



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VENDOR INFORMATION

INVOICE INFORMATION

35TH DISTRICT COURT			Invoice Amount:	\$100.00
BOND RECEIPT 02/28/2019			Check Date:	03/06/2019
	702-100-087.000	BOND RECEIPT 007912		100.00
35TH DISTRICT COURT			Invoice Amount:	\$100.00
BOND RECEIPT 02/22/2019			Check Date:	03/06/2019
	702-100-087.000	BOND RECEIPT 007911		100.00
35TH DISTRICT COURT			Invoice Amount:	\$1,560.00
BOND RECEIPT 03/04//2019			Check Date:	03/06/2019
	702-100-087.000	BOND RECEIPT 007913		100.00
	702-100-087.000	BOND RECEIPT 007914		400.00
	702-100-087.000	BOND RECIEPT 007916		60.00
	702-100-087.000	BOND RECIEPT 007915		200.00
	702-100-087.000	BOND RECEIPT 007917		200.00
	702-100-087.000	BOND RECIEPT 007918		100.00
	702-100-087.000	BOND RECIEPT 007919		500.00
Total Amount to be Disbursed:				\$1,760.00

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**VENDOR INFORMATION**

**INVOICE INFORMATION**

<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$420.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0021		420.00
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$562.50</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0017		562.50
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$225.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0018		225.00
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$1,610.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0042		1,610.00
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$287.50</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0053		287.50
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$6,712.50</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0001		6,712.50
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$4,427.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0026		4,427.00
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$180.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0005		180.00
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$172.50</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0020		172.50
<b>SPALDING DEDECKER ASSOCIATES, INC.</b>			<b>Invoice Amount:</b>	<b>\$738.75</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BE18-0052		738.75
<b>Fly High Consulting Inc</b>			<b>Invoice Amount:</b>	<b>\$1,500.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BP19-0001 - PB19-0001		1,500.00
<b>HOMERENEW</b>			<b>Invoice Amount:</b>	<b>\$1,500.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BP18-0028 - PB18-0672		1,500.00
<b>Compo Builders Inc</b>			<b>Invoice Amount:</b>	<b>\$1,500.00</b>
BD Bond Refund			<b>Check Date:</b>	<b>03/07/2019</b>
	701-100-202.701	BP18-0023 - PB18-0491		1,500.00
<b>Total Amount to be Disbursed:</b>				<b>\$19,835.75</b>

**Charter Township of Plymouth**  
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**VENDOR INFORMATION**

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<b>A T &amp; T</b>			<b>Invoice Amount:</b>	<b>\$966.94</b>
AT&T - Telephone February 2019	Acct. 831- 101-325-853.400	Feb Comm/Lockup Phone	<b>Check Date:</b>	<b>02/27/2019</b>
				966.94
<b>A T &amp; T</b>			<b>Invoice Amount:</b>	<b>\$97.62</b>
AT&T - Telephone Allocation Jan 2019			<b>Check Date:</b>	<b>02/27/2019</b>
	101-201-853.000	Information Services		6.68
	101-209-853.000	Assessing		3.99
	101-371-853.000	Building		11.10
	101-336-853.000	Fire		17.54
	101-305-853.000	Police		17.77
	101-171-853.000	Supervisor		10.39
	101-253-853.000	Treasurer		8.86
	101-215-853.000	Clerk		5.18
	101-371-853.500	Community Development		4.14
	101-325-853.000	Dispatch		6.68
	101-265-854.000	Senior Center (Util)		1.59
	101-691-853.000	Park		1.24
	592-172-853.000	Gen Expense Tel		2.46
<b>COMCAST</b>			<b>Invoice Amount:</b>	<b>\$175.43</b>
Internet - February 2019	Acct 8529 1		<b>Check Date:</b>	<b>02/27/2019</b>
	101-265-854.000	Senior Ctr Util		164.90
	588-588-921.000	Senior Trans Util		10.53
<b>COMCAST</b>			<b>Invoice Amount:</b>	<b>\$104.85</b>
Internet - February 2019	Acct 8529 1		<b>Check Date:</b>	<b>02/27/2019</b>
	101-336-921.000	Feb Fire Util		104.85
<b>COMCAST</b>			<b>Invoice Amount:</b>	<b>\$166.85</b>
Internet - February 2019	Acct 8529 1		<b>Check Date:</b>	<b>02/27/2019</b>
	101-290-941.000	Feb Gen Op Comp		166.85
<b>COMCAST</b>			<b>Invoice Amount:</b>	<b>\$146.85</b>
Internet - March 2019	Acct 8529 10		<b>Check Date:</b>	<b>02/27/2019</b>
	592-291-805.000	March Trans & Dist		146.85
<b>CONSUMERS ENERGY</b>			<b>Invoice Amount:</b>	<b>\$1,616.78</b>
Monthly Chgs - February 2019	Acct 100		<b>Check Date:</b>	<b>02/27/2019</b>
	592-172-921.000	Adm/Gem Expense		1,597.91
	592-172-921.000	Adm/Gen Expense		18.87
<b>DTE ENERGY</b>			<b>Invoice Amount:</b>	<b>\$297.73</b>
DTE January 2019 Park Util	Acct 9100 157		<b>Check Date:</b>	<b>02/27/2019</b>
	101-691-921.000	January Park Util		297.73
<b>DTE ENERGY</b>			<b>Invoice Amount:</b>	<b>\$109.73</b>
DTE January 2019 Golf Course Util	Acct 91		<b>Check Date:</b>	<b>02/27/2019</b>
	510-510-737.000	January GC Util		109.73
<b>PLYMOUTH POSTMASTER</b>			<b>Invoice Amount:</b>	<b>\$1,200.00</b>
Water Bill Postage - Permit #218 February 2019			<b>Check Date:</b>	<b>02/27/2019</b>
	592-172-730.000	Permit #218 February 2019 Postage		1,200.00
<b>Total Amount to be Disbursed:</b>				<b>\$4,882.78</b>

**Charter Township of Plymouth**  
**AP Invoice Listing - Board Report**

Y. Bonds 1/24/11  
 44

**VENDOR INFORMATION**

**INVOICE INFORMATION**

<b>35TH DISTRICT COURT</b>		<b>Invoice Amount:</b>	<b>\$820.00</b>
BOND RECEIPT 02/05/2019		<b>Check Date:</b>	<b>02/23/2019</b>
	702-100-087.000 BOND RECEIPT 007899		20.00
	702-100-087.000 BOND RECEIPT 007902		300.00
	702-100-087.000 BOND RECEIPT 007900		500.00
<b>35TH DISTRICT COURT</b>		<b>Invoice Amount:</b>	<b>\$200.00</b>
BOND RECEIPT 02/05/2019		<b>Check Date:</b>	<b>02/23/2019</b>
	702-100-087.000 BOND RECEIPT 007904		200.00
<b>35TH DISTRICT COURT</b>		<b>Invoice Amount:</b>	<b>\$100.00</b>
BOND RECEIPT 02/13/2019		<b>Check Date:</b>	<b>02/23/2019</b>
	702-100-087.000 BOND RECEIPT 007905		100.00
<b>Total Amount to be Disbursed:</b>			<b>\$1,120.00</b>

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**ITEM E  
PUBLIC COMMENTS AND QUESTIONS**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.1  
FABRIC RECYCLING CONTRACT  
RESOLUTION #2019-03-12-25**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** March 12, 2019

**ITEM:** Agreement with Simple Recycling for curbside collection of soft recyclables,  
Resolution #2019-03-12-25

**PRESENTERS:** Trustee Curmi and Solid Waste Coordinator Sarah Visel

**BACKGROUND:** Simple Recycling offers free curbside collection of soft recyclables (textiles). Collection will follow the schedule of our residential trash collection. Simple recycling handles all the marketing and customer service. Plymouth Township will provide educational information on the Township website. Residents will be directed to contact Simple Recycling for assistance with the program. A collection container will also be available at our DPW facility. This agreement has been reviewed by the Township Attorney.

The Township will earn \$20/ton. Canton began this service in November 2016 and averages a monthly check of \$112. The service will take approximately 6 weeks to implement.

**PROPOSED RESOLUTION:** I move to approve Resolution #2019-03-12-25 authorizing the Township Supervisor to execute an Agreement with Simple Recycling for the curbside collection of soft recyclables (textiles) for an initial term of four (4) years.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

**ROLL CALL:**

\_\_\_Vorva\_\_\_ Curmi,\_\_\_ Clinton, \_\_\_Heise,\_\_\_ Heitman \_\_\_Dempsey, \_\_\_Doroshewitz

## AGREEMENT FOR COLLECTION OF SOFT RECYCLABLES

This Agreement for the Collection of Soft Recyclables ("Agreement") is made and entered into this 12TH day of March, 2019 (the "Date of Execution") by and between CHARTER TOWNSHIP OF PLYMOUTH a municipal corporation with an address at 9955 N. Haggerty Rd. Plymouth, MI 48170 (herein referred to as "TOWN"), and Great Lakes Recycling, Inc. d/b/a Simple Recycling, an Ohio corporation with a business address at 5425 Naiman Parkway, Solon, OH 44139 (together which with its successors and assigns, herein referred to as "Contractor").

## WITNESSETH:

WHEREAS, Contractor is skilled and experienced in the collection and efficient recycling and disposition of Soft Recyclables; and

WHEREAS, CHARTER TOWNSHIP OF PLYMOUTH desires to limit and restrict the quantity of Soft Recyclables which are deposited in the landfill; and

WHEREAS, CHARTER TOWNSHIP OF PLYMOUTH has selected Contractor to collect, identify, haul, recycle and/or dispose of Soft Recyclables in the TOWN'S Service Area; and

WHEREAS, Contractor can provide such services and is in the business of and has the expertise, experience, resources and capability to perform the collecting, identifying, packaging, hauling, recycling and/or disposing of Soft Recyclables; and

Now, THEREFORE, in consideration of the premises and material promises set forth below and other consideration the receipt and sufficiency of which is hereby acknowledged by the parties, Contractor and CHARTER TOWNSHIP OF PLYMOUTH (herein collectively called the "Parties") hereby agree as follows:

1. **Term.** This Agreement shall begin upon the Date of Execution and continue for an initial term of four (4) years (the "Initial Term"). At the end of the Initial Term Contractor and CHARTER TOWNSHIP OF PLYMOUTH have the right to renew for an unlimited number of additional four (4) year terms upon mutual agreement (such term an "Extension Term" and collectively, the "Term"). Unless either Party provides written notice to the other Party at least sixty (60) days prior to the end of the Initial Term, the Term shall automatically renew for the Extension Term. During the Term, Contractor shall have the sole and exclusive rights to pick up Soft Recyclables in the TOWN'S Service Area through municipal contracted pick up and city sponsored recycling drop off collection events including soft recyclables.

2. **Collection Procedures.** During the Term and after the Date of Commencement, Contractor shall collect all acceptable Soft Recyclables set-out for recycling and collection by Residential Customers in approved Containers. The decision of what is an "acceptable" Soft Recyclable shall be made in the sole reasonable discretion of Contractor. However, in no event shall Contractor be required to accept any Excluded Items (excluded items include, but are not limited to the following items: garbage, hazardous waste, carpet, newspapers, mattresses, large



furniture, large appliances, yard waste) and in no event shall Contractor provide service to Commercial Customers. Contractor shall not be responsible for collecting Soft Recyclables which have fallen or been placed Curbside but are not in a Container. Contractor agrees to operate collection vehicles in such a manner to prevent materials from being blown from the vehicle. If at any time during collection and transport, Soft Recyclables are spilled onto a street, sidewalk, or private property, Contractor shall clean up and place in the collection vehicle all Soft Recyclables before the vehicle proceeds to the next stop on the collection route or shall promptly make all other reasonably necessary arrangements for the immediate clean-up of spilled Soft Recyclables. Contractor agrees to remove and dispose of all Soft Recyclables at no cost to TOWN.

**3. Ownership.** Soft Recyclables set out for collection on the regularly scheduled collection day shall belong to Contractor from the time of its set-out. Soft Recyclables physically collected by Contractor shall be deemed acceptable Soft Recyclables for the purposes of its obligations under this Agreement.

**4. Set Out Procedures.** Residents shall place Soft Recyclables into Containers and place Containers at Curbside for collection. Overflow material shall be placed adjacent to the Container(s) in plastic bags or other easily handled container. Soft Recyclables shall not be set out in tied bundles. Contractor must collect all Soft Recyclables that are set out in this manner and are placed within seven (7) feet of the Curbside. Containers shall be placed in a manner that will not interfere with or endanger the movement of vehicles or pedestrians. When construction work is being performed in the right-of-way, Containers shall be placed as close as practicable to an access point for the collection vehicle. Contractor may decline to collect any Soft Recyclables not set out in accordance with this paragraph.

**5. Contamination and Improper Set Out.** If Contractor encounters any improperly packaged Soft Recyclables or other contaminants in the Container, Contractor may leave those materials in the Container or remove them from the Container and leave them Curbside. Contractor must place a tag on the contaminant(s) that is not collected, collect the acceptable items, and leave contaminants at Curbside.

**6. Collection Schedule.** Contractor shall divide the Service Area into collection areas to coincide with CHARTER TOWNSHIP OF PLYMOUTH collection dates. Collections shall be made from Service Recipients on a regular schedule in accordance with the existing CHARTER TOWNSHIP OF PLYMOUTH recycling pickup schedule; however, Contractor reserves the right to alter the frequency of the scheduled pickups on an as needed basis.

Contractor shall not be required to perform any service under this Agreement on Holidays. Contractor may interrupt the regular schedule and quality of service because of street repairs, snow or other closures of public routes, which in Contractor's sole reasonable discretion makes the pick-up of the Soft Recyclables from a Service Recipient impracticable under the circumstances.

**7. Missed Collections and Complaints.** Service Recipients shall be instructed by CHARTER TOWNSHIP OF PLYMOUTH to report missed collections and complaints to Contractor. The Program Brochure and other program information shall include contact

information for the Contractor to facilitate communication from Service Recipients. Contractor shall give prompt and courteous attention to all reported missed collections and complaints.

**8. Inventory of Containers.** During the term of this Agreement, Contractor shall purchase (at its sole cost) and maintain an inventory of acceptable and approved Containers for distribution to Service Recipients. Prior to commencement of service under this Agreement, Contractor shall provide new Containers to each Service Recipient. Containers shall initially be delivered to Service Recipients with an informational brochure on the recycling collection program described herein that is produced and printed by the contractor and approved by TOWN, which approval shall not be unreasonably withheld (the "Program Brochure").

**9. Contractor's Fee.** Contractor shall pay to CHARTER TOWNSHIP OF PLYMOUTH a contract fee of One Cent (\$0.01) per pound of gross receipts of Soft Recyclables in the TOWN'S portion of the Service Area. Payments shall be made to CHARTER TOWNSHIP OF PLYMOUTH not more than thirty (30) days following the close of each calendar month during the term of this Agreement. Weight shall be collected and documented upon completion of each collection day. Under no circumstance will TOWN, its residents or Service Recipients incur any fees, charges or assessments to the Contractor for Contractor's delivery of services under this Agreement.

**10. Public Information and Education Program.** CHARTER TOWNSHIP OF PLYMOUTH shall provide public information in the normal course to inform Service Recipients of this recycling program. The content and timing of CHARTER TOWNSHIP OF PLYMOUTH public information shall be coordinate with and approved by Contractor. Contractor may prepare and distribute its own promotional materials subject to CHARTER TOWNSHIP OF PLYMOUTH approval, which approval shall not be unreasonably withheld. Contractor shall participate in CHARTER TOWNSHIP OF PLYMOUTH directed promotion and education efforts as outlined below:

- a. During the course of the routine recycling pick up, provide and distribute notices regarding rejected materials and proper set out procedures.
- b. Training of employees to deal courteously with customers on the telephone and on-route to promote the collection service and explain proper material preparation.
- c. Coordinate with CHARTER TOWNSHIP OF PLYMOUTH for distribution of written promotional and instructional materials directly to Service Recipients.
- d. Provide advice to CHARTER TOWNSHIP OF PLYMOUTH on promotion and education material content and presentation.

**11. Telephone and Customer Service.** Contractor shall maintain and staff a local toll-free telephone number where complaints of Service Recipients shall be received, recorded and handled by Contractor, between the hours of 9:00 AM and 4:30 PM Monday through Friday, excluding Holidays. Typically, all "call backs" shall be attempted a minimum of one time prior to 6:00 p.m. on the day of the call.

**12. Marketing and Disposition of Recyclable Material.** Contractor shall be solely responsible for the marketing and sale of collected Soft Recyclables, and shall be solely

responsible for the storage and disposition of the Soft Recyclables in the event it is unable to sell the Soft Recyclables in a timely manner.

13. **Insurance.** During the term of this Agreement Contractor agrees to keep in force, with an insurance company licensed to transact business in the state of Michigan, an "occurrence basis" insurance policy or policies indemnifying, defending and saving harmless CHARTER TOWNSHIP OF PLYMOUTH from all damages (except for damages caused by TOWN's own negligence, willful misconduct or failure) which may be occasioned to any person, firm, or corporation, whether damages are by reason of any willful or negligent act or acts on part of Contractor, its agents or employees, with limits no less than:

a. General Liability: One Million and no/100 Dollars (\$1,000,000.00) combined single limit per occurrence for bodily injury, personal injury, and property damage.

b. Vehicle Liability: Two Million and no/100 Dollars (\$2,000,000.00) combined single limit per accident for bodily injury and property damage. Coverage shall include all owned vehicles, all non-owned vehicles, and all hired vehicles.

c. Worker's Compensation/Industrial Insurance: Limits as required by the State of Michigan.

The general liability provisions in vehicle liability policies are to contain, or be endorsed to contain, the following provisions:

- (i) Commercial General Liability and Vehicle Liability, as described above, shall include an endorsement stating the following shall be Additional Insureds: The Charter Township of Plymouth, all elected and appointed officials, all employees and volunteers, all boards, commissions, and/or authorities and board members, including employees and volunteers thereof.
- (ii) Contractor's insurance coverage shall be primary insurance as TOWN, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by TOWN, its officers, officials, employees, or volunteers shall be in excess of Contractor's insurance and shall not contribute with it.
- (iii) All policies, as described above, shall include an endorsement stating that is it understood and agreed Thirty (30) days, Ten (10) days for non-payment of premium, Advance Written Notice of Cancellation, Non-Renewal, Reduction, and/or Material Change shall be sent to Supervisor, Charter Township of Plymouth, 9955 N. Haggerty Road, Plymouth, MI 48170.
- (iv) Any failure to comply with reporting provisions of the policy shall not affect coverage provided to TOWN, its officers, officials, employees, or volunteers.
- (v) Contractor's insurance shall apply separate to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
- (vi) Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, nor reduced in coverage or in limits except after thirty (30) days' prior written notice has been given to TOWN.
- (vii) The Contractor shall provide the Supervisor of the Township, at the time that the contracts are returned by him/her for execution, a Certificate of Insurance as well as the required endorsements. In lieu of required endorsements, if applicable, a copy of the policy sections where coverage is provided for additional insured and cancellation notice would be acceptable. Copies or certified copies of all policies mentioned above shall be furnished, if so requested.

14. **Taxes.** Contractor agrees to save CHARTER TOWNSHIP OF PLYMOUTH harmless from any and all taxes or assessments of any kind or nature levied by any political subdivision upon Contractor by reason of services rendered for Soft Recyclables and disposal for TOWN.

15. **Employee Conduct.** All Contractor personnel must maintain a courteous and respectful attitude toward the public at all times. At no time may they solicit, request or receive gratuities of any kind. Contractor must direct its employees to avoid loud and/or profane language at all times during the performance of duties. Any employee of Contractor who engages in misconduct or is incompetent or negligent in the proper performance of duties or is disorderly, dishonest, intoxicated, or discourteous must be removed from service under this contract by Contractor.

16. **Monthly Reports.** Contractor shall provide monthly project status reports. These reports will be due within fifteen (15) days of the close of the month being reported. At a minimum, the reports shall include detailed data to allow analysis of collection and processing efficiencies including pounds of Soft Recyclables collected in the prior month and the payment of the required fee to TOWN.

17. **Inspections.** Upon reasonable advanced request to Contractor, CHARTER TOWNSHIP OF PLYMOUTH may inspect the facilities, equipment and operations of Contractor to assure itself of the appearance and compliance with provisions of this Agreement. Upon reasonable advance request, CHARTER TOWNSHIP OF PLYMOUTH may review the records kept on the Soft Recyclables collected under the terms of this Agreement to test and validate the weights claimed. CHARTER TOWNSHIP OF PLYMOUTH agrees to notify Contractor, in writing, at least forty-eight (48) hours prior to any such inspection.

18. **Meetings and Communications.** In order to minimize misunderstanding and to provide thereafter a forum for discussing and resolving any issues that may arise, the parties agree to meet on a regular basis and hereby adopt communications procedures as follows:

Meetings After Collection Begins. After Collections begin, meetings shall be held no less frequently than a quarterly basis, unless otherwise mutually agreed, between representatives of the parties. Such meetings will be held for the purpose of reviewing and discussing day-to-day operations, promotion, public information and public relations.

Designation of Representatives. Each party shall send at least one representative to each meeting. CHARTER TOWNSHIP OF PLYMOUTH shall send to each meeting at least one staff member with operation expertise. Each party shall designate one, and only one, representative as its Lead Representative. If a party sends only one representative to any meeting, that person shall be conclusively presumed to be its Lead Representative.

19. **Compliance with Laws and Regulations.** Contractor agrees that, in performance of work and services under this contract, Contractor will qualify under and comply with any and all applicable federal, State and local laws and regulations now in effect, or hereafter enacted during the Term, which are applicable to Contractor, its employees, agents or subcontractors, if any, with respect to the work and services described herein.

**20. Termination and Breach.** In the event of a breach of the terms and conditions of this Agreement by either Party hereunder, the non-breaching Party may elect to terminate this Agreement by providing the defaulting Party with a written notice of such default, and allowing the breaching Party a period of thirty (30) days from and after the date of such notice to cure the breach complained of to the satisfaction of the non-breaching Party. In the event said breach is not cured within the thirty (30) day period, this Agreement shall be terminated (for-cause) as of the last day of the period. In the event CHARTER TOWNSHIP OF PLYMOUTH is the non-defaulting party, Contractor agrees to furnish services under this Agreement until such time as another Soft Recyclables collection and disposal contractor can be selected by TOWN.

**21. Severability.** Should one or more of the provisions of this Agreement be held by any court to be invalid, void or unenforceable, the remaining provisions shall nevertheless remain and continue in full force and effect, provided that the continuation of such remaining provisions does not materially change the original intent of this Agreement.

**22. Independent Contractor Status.** In the performance of services pursuant to this Agreement, Contractor shall be an independent contractor and not an officer, agent, servant or employee of TOWN. Contractor shall have exclusive control over the details of the service and work performed and over all persons performing such service and work. Contractor shall be solely responsible for the acts and omissions of its officers, agents, employees, Contractors and subcontractors, if any. Neither Contractor nor its officers, agents, employees or subcontractors shall obtain any right to retirement benefits, Workers' Compensation benefits, or any other benefits which accrue to CHARTER TOWNSHIP OF PLYMOUTH employees and Contractor expressly waives and claim it may have or acquire to such benefits.

**23. No Assignment.** This Agreement, or any interest herein, shall not be transferred, sold, nor assigned by the either party to any person, firm, or corporation, without the prior written consent of the other party.

## **24. Definitions.**

**a. Commercial Customer:** The term "Commercial Customer" means non-residential customers, including businesses, public or private schools, institutions, governmental agencies and all other users of commercial-type Garbage collection services.

**b. Container:** The term "Container" means a bag, supplied by Contractor for use by the Residential Customer to set out Soft Recyclables.

**c. Curb or Curbside:** The words "Curb" or "Curbside" relate to the homeowners' property, within five (5) feet of the Public Street or Private Road without blocking sidewalks, driveways or on-street parking. If circumstances preclude, a Curbside shall be considered a placement suitable to the resident, convenient to Contractor's equipment, and mutually agreed to by CHARTER TOWNSHIP OF PLYMOUTH and Contractor.

**d. Excluded Items:** The term "Excluded Items" means Garbage, Hazardous Waste, large furniture, large appliances such as refrigerators, stoves, washers and dryers, magazines, newspapers, car seats, cribs, mattresses, paint, tires, cleaners, etc. and any item heavier than fifty (50) pounds.

**e. Garbage:** The term "Garbage" means all putrescible and non-putrescible solid and semi-solid wastes, including, but not limited to, rubbish, ashes, industrial wastes, grass,

yard debris, leaves, swill, demolition and construction wastes, dead animals piles of debris, car parts, construction or demolition debris, any item that would be considered Hazardous Waste, or stumps.

**f. Hazardous Waste:** The term "Hazardous Waste" means any hazardous, toxic or dangerous waste, substance or material, or contaminant, pollutant or chemical, known or unknown, defined or identified as such in any existing or future local, state or federal law, statute, code, ordinance, rule, regulation, guideline, decree or order relating to human health or the environment or environmental conditions, including but not limited to any substance that is defined as hazardous by 40 C.F.R. Part 261 and regulated as hazardous waste by the United States Environmental Protection Agency under Subtitle C of the Resource Conservation and Recovery Act ("RCRA") of 1976, 42 U.S.C. § 6901 et seq., as amended by the Hazardous and Solid Waste Amendments ("HSWA") of 1984; the Toxic Substances Control Act, 15 U.S.C. § 2601 et seq.; or any other federal statute or regulation governing the treatment, storage, handling or disposal of waste imposing special handling or disposal requirements similar to those required by Subtitle C of RCRA or any Michigan statute or regulation governing the treatment, storage, handling or disposal of wastes and imposing special handling requirements similar to those required by federal law.

**g. Holiday:** The term "Holiday" means the following days: New Year's Day, Martin Luther King's Day, President's Day, Memorial Day, Independence Day, Labor Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day, unless otherwise specified by the CHARTER TOWNSHIP OF PLYMOUTH recycling holiday schedule.

**h. Residential Customer:** The term "Residential Customer" means an individual or individuals residing in a living space rented, leased or owned.

**i. Service Area:** The Service Area will encompass all of TOWN'S curbside, residential trash and recycling collection area, as it may be amended from time to time.

**j. Service Recipients:** The term "Service Recipients" means Residential Customers of CHARTER TOWNSHIP OF PLYMOUTH in the Service Area.

**k. Soft Recyclable:** The term "Soft Recyclable" means items of an individual weight less than fifty (50) pounds and can be carried by one person. Soft Recyclables include primarily men's, women's and children's clothing as well as items such as jewelry, shoes, purses, hats, toys, pictures, mirrors, blankets, drapes and curtains, pillows, rags, sewing scraps, sleeping bags, small furniture, small appliances, irons, radios and audio equipment, TVs and video equipment, cameras, lamps, hairdryers, tools, toasters, microwaves, coffee makers, computers and household or consumer electronics, silverware, dishes, pots and pans, glasses and the like. The definition of Soft Recyclable is subject to modification in the discretion of Contractor based upon experience gained during the term of this Agreement.

**25. Additional Services.** The Contractor shall establish a drop-box for Soft Recyclables at the TOWN'S recycling drop-off facility. The type of drop-box shall be approved by the Contractor, with the appearance subject to the mutual agreement of the Parties to this Agreement. The drop-box shall be viewed by the Contractor no less frequently than every week and shall be emptied of its contents on a schedule determined by the Contractor, but with sufficient frequency to avoid creating an unseemly appearance.

**26. Service Modifications.** To avoid confusion with the TOWN'S existing collector for trash and recycling, the Parties agree that the Contractor will not collect any material set outside of the Container, such as small furniture, small appliances, televisions and other items which do not fit into the Container. The Contractor and CHARTER TOWNSHIP OF PLYMOUTH agree to discuss this service modification at the quarterly meetings set forth under Section 20 herein, with a goal of allowing the Contractor to collect and recycle these materials for the CHARTER TOWNSHIP OF PLYMOUTH as soon as practicable.

**27. Indemnification.** Contractor shall indemnify and hold harmless the Township, its elected and appointed officials, and its employees, against any losses, claims, damages, or liabilities to any person or entity in connection with any matter related to this Agreement, except to the extent that any such loss, claim, damages, or liability are finally judicially determined to have resulted from the gross negligence, bad faith, willful misfeasance, or reckless disregard by the Township of its obligations or duties. This Agreement shall not be construed as a waiver of any governmental immunity of the Township, or of any qualified immunity of any Township official and/or employee.

**28. No Waiver.** A party's failure to exercise a right or remedy will not operate as a waiver of any of that party's rights or remedies under this Agreement and will not constitute a waiver of the party's right to declare an immediate or a subsequent default.

**29. Amendments.** This Agreement may only be amended, modified, or supplemented by an agreement in writing approved by the respective Boards and signed by an authorized representative of each party.

**30. Counterparts.** This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Agreement delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement.

**31. No Third-Party Beneficiaries.** This Agreement is for the sole benefit of the parties and their respective successors and permitted assigns, and nothing in this Agreement, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement.

**32. Choice of Law, Venue and Jurisdiction.** All matters arising out of or relating to this Agreement, are governed by, and construed in accordance with, the laws of the state of Michigan. Each party agrees that it will not bring any action, litigation, or proceeding against any other party in any way arising from or relating to this Agreement in any forum other than the courts of the state of Michigan sitting in Wayne and any applicable Michigan appellate court. Each party submits to the exclusive jurisdiction of those courts and agrees to bring any such action, litigation, or proceeding only in those courts.

**33. Entire Agreement.** This Agreement constitutes the entire agreement and understanding of the parties and there are no other promises, assurances or terms of agreement

among the parties' other than those written herein. Nothing in this Agreement shall give rights to any other person. This agreement shall not be modified except in writing and signed by each of the parties.

IN WITNESS WHEREOF, the parties have executed and delivered this Agreement as of the Date of Execution first written above.

CHARTER TOWNSHIP OF PLYMOUTH

Date: \_\_\_\_\_

By: \_\_\_\_\_

Its: Supervisor (Kurt Heise)

Great Lakes Recycling, Inc. d/b/a Simple  
Recycling

Date: \_\_\_\_\_

By: \_\_\_\_\_

Adam Winfield, President



**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.2  
OPEB MINIMUM TRUST FUNDING  
SCHEDULE  
RESOLUTION #2019-03-12-26**



## CHARTER TOWNSHIP OF PLYMOUTH

### REQUEST FOR BOARD CONSIDERATION

**MEETING DATE:** March 12, 2019

**ITEM:** OPEB Minimum Trust Funding Schedule, Resolution #2019-03-12-26

**PRESENTER:** Mark Clinton, Treasurer

**BACKGROUND:**

Michigan Public Act 202 of 2017 imposes higher levels of funding and more stringent oversight by the state on municipalities' unfunded pension and OPEB liabilities.

As required under Public Act 202, the township treasurer filed the 2017 Retirement System Annual Report (Form 5572) with the State of Michigan's Department of Treasury before the June 30th deadline. On July 26, 2018, the township was, as expected, notified that its Retirement Healthcare Plan (OPEB) is funded below the 40% established threshold.

The next step in the Public Act 202 process, after notification of underfunded status, was for the township to submit, within 45 days of notification, an Application for Waiver (Form 5584). The intent of this waiver was to demonstrate steps that the township had already taken to address the underfunded status.

On November 21, 2018, the township was notified that its Application for Waiver was denied.

The next step in the process is to, within 180 days, submit a Corrective Action Plan to the state's Municipal Stability Board detailing steps that the township has taken and will take to correct the underfunded status.

On February 1, 2019 the treasurer met with the Municipal Stability Board to preview what actions would be acceptable as part of the Corrective Action Plan. They indicated that, a funding plan which achieved the minimum 40% threshold within a reasonable timeframe (i.e. 20 years) would likely be approved.

The attached minimum funding schedule, confirmed by Ross & Watkins actuaries, gets us to the 40% funding level by the year 2035.

**ENCLOSURES:**

- OPEB trust funding schedule
- Actuarial confirmation

**RESOLUTION:** I move to approve Resolution 2019-03-12-26 which mandates that the township treasurer shall transfer into the township's OPEB Trust Fund Plan ID # 658970, at a minimum, the amounts indicated in the attached funding schedule.

Moved By: \_\_\_\_\_ Seconded By: \_\_\_\_\_

Roll Call:

\_\_\_\_ Clinton, \_\_\_\_ Curmi, \_\_\_\_ Dempsey, \_\_\_\_ Doroshewitz, \_\_\_\_ Heise, \_\_\_\_ Heitman, \_\_\_\_ Vorva

**STATE OF MICHIGAN  
COUNTY OF WAYNE  
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION # 2019-03-12-26**

**RETIREMENT HEALTHCARE SYSTEM  
OPEB MINIMUM TRUST FUNDING SCHEDULE**

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall located at 9955 N. Haggerty Road, Plymouth, Michigan on March 12, 2019, the following resolution was offered:

**WHEREAS**, Michigan Public Act 202 of 2017 imposes higher levels of funding and more stringent oversight by the state on municipalities' unfunded pension and OPEB liabilities; and,

**WHEREAS**, the Township was notified by email on July 26, 2018 that its Retirement Healthcare Plan (OPEB) is funded below the 40% threshold established under Public Act 202 and the Application for Waiver (Form 5584) was subsequently denied; and

**WHEREAS**, The Charter Township of Plymouth, per Public Act 202, is now required to submit a Corrective Action Plan (Form 5597) with the state's Municipal Stability Board by May 20, 2019 which demonstrates the steps the township has taken and will take in order to achieve the required 40% minimum funding level; and

**WHEREAS**, the referenced Minimum Trust Funding Schedule has been reviewed by the actuarial firm of Ross & Watkins and will enable the township to achieve the 40% funding target by the year 2035;

**NOW, THEREFORE**, be it resolved that the township treasurer shall transfer into the township's OPEB Trust Fund Plan ID# 658970, at a minimum, the amounts specified in the attached funding schedule, made part of this resolution.

Present: Clinton, Curmi, Dempsey, Doroshewitz, Heise, Heitman, Vorva

Absent:

Moved by: \_\_\_\_\_ Supported by: \_\_\_\_\_

Roll Call Vote

Ayes:

Nays:

**Adopted:** Regular Meeting of the Board of Trustees on March 12, 2019.

\_\_\_\_\_  
Jerry Vorva, Clerk, Charter Township of Plymouth

Certification

STATE OF MICHIGAN     )  
                                      )  
COUNTY OF WAYNE     )

I hereby certify that the foregoing is a true copy of the above Resolution, the original of which is on file in my office.

March 13, 2019

\_\_\_\_\_  
Jerry Vorva, Clerk  
Charter Township of Plymouth

**Resolution: 2019-03-12-26**

February 8, 2019

Mark Clinton  
Charter Township of Plymouth  
9955 North Haggerty Road  
Plymouth, MI 48170

RE: Charter Township of Plymouth Retiree Medical Plan

Dear Mark:

We have performed an analysis of your proposed Corrective Action Plan (CAP) to bring your OPEB program to 40% funding under two scenarios. Both scenarios are based on the results of the December 31, 2017 actuarial valuation performed in compliance with Governmental Accounting Standards Board Statement No. 75. The second of the two scenarios modifies the discount rate, expected return on investment and mortality to reflect the Uniform Assumptions as published under State of Michigan Public Act 202.

Actuarial assumptions and plan provisions are as stated in the December 31, 2017 actuarial report unless noted below:

Assumptions for second analysis of CAP.

- Discount rate – 3.0%
- Expected return on investment – 4.0%
- Mortality – RP 2014 Headcount weighted annuitant male table with MP-2018 mortality improvement

Regards,



Christian R. Veenstra, FCA, ASA, MAAA  
President/Enrolled Actuary

/crv

**Plymouth Township**  
**2019 funding projection (based on December 31, 2017 actuarial valuation)**

Discount                      Return  
3.80%                              3.80%

	31-Dec liability	Assets	Contribution	+Benefit payments	=total contribution	funded percent
2019	16,992,500	1,200,000	1,200,000	685,598	1,885,598	7.1%
2020			1,000,000	656,934	1,656,934	13.0%
2021			250,000	764,115	1,014,115	14.8%
2022			250,000	807,691	1,057,691	16.6%
2023			250,000	872,200	1,122,200	18.6%
2024			250,000	984,636	1,234,636	20.7%
2025				994,461	994,461	21.7%
2026				975,227	975,227	22.7%
2027				969,451	969,451	23.8%
2028				1,034,441	1,034,441	25.0%
2029				1,094,290	1,094,290	26.3%
2030				1,178,454	1,178,454	27.9%
2031				1,266,721	1,266,721	29.9%
2032				1,257,036	1,257,036	32.2%
2033				1,253,527	1,253,527	34.9%
2034				1,369,441	1,369,441	37.9%
2035	13,197,676	5,524,404		1,318,920	1,318,920	41.9%

### Plymouth Township

**2019 funding projection (based on December 31, 2017 actuarial valuation, 3% & MP-2018)**

Discount                      Return  
3.00%                          4.00%

	31-Dec liability	Assets	Contribution	+Benefit payments	=total contribution	funded percent
2019	18,287,911	1,200,000	1,200,000	680,169	1,880,169	6.6%
2020			1,000,000	649,037	1,649,037	12.2%
2021			250,000	753,029	1,003,029	13.8%
2022			250,000	793,472	1,043,472	15.6%
2023			250,000	854,657	1,104,657	17.5%
2024			250,000	963,364	1,213,364	19.6%
2025				970,732	970,732	20.6%
2026				949,325	949,325	21.7%
2027				941,726	941,726	22.8%
2028				1,004,149	1,004,149	24.0%
2029				1,061,140	1,061,140	25.4%
2030				1,142,458	1,142,458	27.0%
2031				1,227,491	1,227,491	29.0%
2032				1,215,567	1,215,567	31.4%
2033				1,211,515	1,211,515	34.0%
2034				1,324,431	1,324,431	37.0%
2035	13,908,366	5,682,830		1,273,628	1,273,628	40.9%



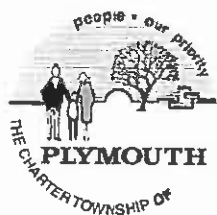
## OPEB Minimum Trust Funding Schedule

	<u>2019</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>Total</u>
<b>Millage Proceeds</b>	\$2,100,000	\$2,142,000	\$2,184,840	\$2,228,537	\$2,273,108	\$2,318,570	\$13,247,054
<b>Pension</b>	\$240,000	\$324,800	\$550,200	\$605,200	\$665,600	\$733,700	\$3,119,500
<b>OPEB (Pay As You Go)</b>	\$30,776	\$97,240	\$68,576	\$175,757	\$219,333	\$283,842	\$875,524
<b>Salary</b>	\$120,000	\$243,000	\$370,000	\$498,000	\$630,000	\$767,000	\$2,628,000
<b>Capital (Police)</b>	\$0	\$0	\$425,000	\$425,000	\$425,000	\$425,000	\$1,700,000
<b>Capital (Fire)</b>	<u>\$380,000</u>	<u>\$118,977</u>	<u>\$220,311</u>	<u>\$277,651</u>	<u>\$336,711</u>	<u>\$336,711</u>	<u>\$1,670,361</u>
<b>Total</b>	\$770,776	\$784,017	\$1,634,087	\$1,981,608	\$2,276,644	\$2,546,253	\$9,993,385
<b>OPEB Trust Fund</b>	\$1,200,000	\$1,000,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,200,000
<b>Surplus</b>	\$129,224	\$357,983	\$300,753	-\$3,071	-\$253,536	-\$477,683	\$53,669

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.3  
OPEB CORRECTIVE ACTION PLAN  
RESOLUTION #2019-03-12-27**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD CONSIDERATION

**MEETING DATE:** March 12, 2019

**ITEM:** Public Act 202 of 2017 – Corrective Action Plan (OPEB), Resolution #2019-03-12-27

**PRESENTER:** Mark Clinton, Treasurer

**BACKGROUND:**

Michigan Public Act 202 of 2017 imposes higher levels of funding and more stringent oversight by the state on municipalities' unfunded pension and OPEB liabilities.

As required under Public Act 202, the township treasurer filed the 2017 Retirement System Annual Report (Form 5572) with the State of Michigan's Department of Treasury before the June 30th deadline. On July 26, 2018, the township was, as expected, notified that its Retirement Healthcare Plan (OPEB) is funded below the 40% established threshold.

The next step in the Public Act 202 process, after notification of underfunded status, was for the township to submit, within 45 days of notification, an Application for Waiver (Form 5584). The intent of this waiver was to demonstrate steps that the township had already taken to address the underfunded status.

On November 21, 2018, the township was notified that its Application for Waiver was denied.

The next step in the process is to, within 180 days, submit a Corrective Action Plan to the Municipal Stability Board detailing steps that the township has taken and will take to correct the underfunded status.

**ENCLOSURES:**

Form 5597 – Corrective Action Plan (with attachments)

**RECOMMENDATION:**

Authorize the township treasurer to submit the Corrective Action Plan in accordance with Public Act 202.

**RESOLUTION:**

I move to approve Resolution 2019-03-12-27 which, in accordance with Public Act 202, authorizes the township treasurer to submit the attached Corrective Action Plan Form 5597 to the State's Municipal Stability Board no later than May 20, 2019.

Moved By:

Seconded by:

Present: Cummi, Heise, Vorva, Clinton, Dempsey, Heitman, Doroshewitz

Absent:

**ROLL CALL VOTE:**

\_\_\_\_ Cummi, \_\_\_\_ Dempsey, \_\_\_\_ Doroshewitz, \_\_\_\_ Heise, \_\_\_\_ Heitman, \_\_\_\_ Vorva, \_\_\_\_ Clinton

Motion: \_\_\_\_\_

**STATE OF MICHIGAN  
COUNTY OF WAYNE  
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION # 2019-03-12-27**

**RETIREMENT HEALTHCARE SYSTEM  
CORRECTIVE ACTION PLAN – PUBLIC ACT 202**

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall located at 9955 N. Haggerty Road, Plymouth, Michigan on March 12, 2019, the following resolution was offered:

**WHEREAS**, Michigan Public Act 202 of 2017 imposes higher levels of funding and more stringent oversight by the state on municipalities' unfunded pension and OPEB liabilities; and,

**WHEREAS**, The Charter Township of Plymouth's treasurer filed the 2017 Retirement System Annual Report (Form 5572) with the State of Michigan's Department of Treasury before June 30, 2018 as required under Public Act 202 of 2017; and,

**WHEREAS**, the township was notified by email on July 26, 2018 that its Retirement Healthcare Plan (OPEB) is funded below the 40% threshold established under Public Act 202; and,

**WHEREAS**, the treasurer filed the Application for Waiver (Form 5584) on September 5, 2018; and,

**WHEREAS**, the township was notified by email on November 21, 2018 that its Application for Waiver was denied; and,

**WHEREAS**, the Correction Action Plan (Form 5597) must be filed within 180 days of notification by the state of the waiver denial; and,

**WHEREAS**, the Corrective Action Plan must be approved by the local government's administrative officer and governing body;

**NOW, THEREFORE**, be it resolved that the township treasurer be authorized by the Board to submit the Corrective Action Plan, made part of this resolution, in accordance with Public Act 202.

Present: [Curmi, Clinton, Dempsey, Doroshewitz, Heise, Heitman, Vorva]

Moved by:

Supported by:

Roll Call Vote

Ayes:

Nays:

**Adopted:** Regular Meeting of the Board of Trustees on March 12, 2019.

---

Jerry Vorva, Clerk, Charter Township of Plymouth

Certification

STATE OF MICHIGAN     )  
  )  
COUNTY OF WAYNE     )

I hereby certify that the foregoing is a true copy of the above Resolution, the original of which is on file in my office.

March 13, 2019

---

Jerry Vorva, Clerk  
Charter Township of Plymouth

**Resolution: 2019-03-12-27**

## Protecting Local Government Retirement and Benefits Act

### Corrective Action Plan:

### Retirement Health Benefit Systems

Issued under authority of Public Act 202 of 2017.

#### 1. MUNICIPALITY INFORMATION

Local Unit Name: Charter Township of Plymouth Six-Digit Muni Code: 821070

Retirement Health Benefit System Name: Plymouth Township Retiree Medical Plan (OPEB)

Contact Name (Administrative Officer): Mark Clinton

Title if not Administrative Officer: Treasurer

Email: mclinton@plymouthtp.org Telephone: (734) 354-3214

#### 2. GENERAL INFORMATION

**Corrective Action Plan:** An underfunded local unit of government shall develop and submit for approval a corrective action plan for the local unit of government. The local unit of government shall determine the components of the corrective action plan. This Corrective Action Plan shall be submitted by any local unit of government with at least one retirement health benefit system that has been determined to have an underfunded status. Underfunded status for a retirement health system is defined as being less than 40% funded according to the most recent audited financial statements, and, if the local unit of government is a city, village, township, or county, the annual required contribution (ARC) for all of the retirement health systems of the local unit of government is greater than 12% of the local unit of government's annual governmental fund revenues, based on the most recent fiscal year.

**Due Date:** The local unit of government has **180 days from the date of notification** to submit a corrective action plan to the Municipal Stability Board. The Board may extend the 180-day deadline by up to an additional 45 days if the local unit of government submits a reasonable draft of a corrective action plan and requests an extension.

**Filing:** Per Sec. 10(1) of the Act, this Corrective Action Plan must be approved by the local government's administrative officer and its governing body. **You must provide proof of your governing body approving this Corrective Action Plan and attach the documentation as a separate PDF document.** Per Sec. 10(4) of the Act, failure to provide documentation that demonstrates approval from your governing body will result in a determination of noncompliance by the Board.

The submitted plan must demonstrate through distinct supporting documentation how and when the local unit will reach the 40% funded ratio. Or, if the local unit is a city, village, township, or county, the submitted plan may demonstrate how and when the ARC for all of the retirement healthcare systems will be less than 12% of annual governmental fund revenues, as defined by the Act. Supporting documentation for the funding ratio and/or ARC must include an actuarial projection, an actuarial valuation, or an internally developed analysis. The local unit must project governmental fund revenues using a reasonable forecast based on historical trends and projected rates of inflation.

The completed plan must be submitted via email to Treasury at [LocalRetirementReporting@michigan.gov](mailto:LocalRetirementReporting@michigan.gov) for review by the Board. **If you have multiple underfunded retirement systems, you are required to complete separate plans and send a separate email for each underfunded system.** Please attach each plan as a separate PDF document in addition to all applicable supporting documentation.

The subject line of the email(s) should be in the following format: **Corrective Action Plan-2017, Local Unit Name, Retirement System Name** (e.g. Corrective Action Plan-2017, City of Lansing, Employees' Retirement System OPEB

Plan). Treasury will send an automatic reply acknowledging receipt of the email. Your individual email settings must allow for receipt of Treasury's automatic reply. This will be the only notification confirming receipt of the application(s).

**Municipal Stability Board:** The Municipal Stability Board (the Board) shall review and vote on the approval of a corrective action plan submitted by a local unit of government. If a corrective action plan is approved, the Board will monitor the corrective action plan for the following two years, and the Board will report on the local unit of government's compliance with the Act not less than every two years.

**Review Process:** Following receipt of the email by Treasury, the Board will accept the corrective action plan submission at the next scheduled meeting of the Board. The Board shall then approve or reject the corrective action plan within 45 days from the date of the meeting.

**Considerations for Approval:** A successful corrective action plan will demonstrate the actions for correcting underfunded status as set forth in Sec. 10(7) of the Act (listed below), as well as any additional solutions to address the underfunded status. Please also include steps already taken to address your underfunded status, as well as the date prospective actions will be taken. A local unit of government may also include in its corrective action plan a review of the local unit of government's budget and finances to determine any alternative methods available to address its underfunded status. A corrective action plan under this section may include the development and implementation of corrective options for the local unit of government to address its underfunded status. The corrective options as described in Sec. 10(7) may include, but are not limited to, any of the following:

(i) Requiring cost sharing of premiums and sufficient copays.

(ii) Capping employer costs.

**Implementation:** The local unit of government has up to 180 days after the approval of a corrective action plan to begin to implement the corrective action plan to address its underfunded status. The Board shall monitor each underfunded local unit of government's compliance with this act and any corrective action plan. The Board shall adopt a schedule, not less than every 2 years, to certify that the underfunded local unit of government is in substantial compliance with the Act. If the Board determines that an underfunded local unit of government is not in substantial compliance under this subsection, the Board shall within 15 days provide notification and report to the local unit of government detailing the reasons for the determination of noncompliance with the corrective action plan. The local unit of government has 60 days from the date of the notification to address the determination of noncompliance.

### 3. DESCRIPTION OF PRIOR ACTIONS

Prior actions are separated into three categories below: System Design Changes, Additional Funding, and Other Considerations. Please provide a brief description of the prior actions implemented by the local government to address the retirement system's underfunded status within the appropriate category section. Within each category are sample statements that you may choose to use to indicate the changes to your system that will positively affect your funded status. For retirement systems that have multiple divisions, departments, or plans within the same retirement system, please indicate how these changes impact the retirement **system** as a whole.

- **Please Note:** If applicable, prior actions listed within your waiver application(s) may also be included in your corrective action plan.

Please indicate where in the attached supporting documentation these changes are described and the impact of those changes (i.e. what has the local unit of government done to improve its underfunded status, and where can we find the proof of these changes in the supporting documentation?).

**Note:** Please provide the name of the system impacted, the date you made the change, the relevant page number(s) within the supporting documentation, and the resulting change to the system's funded ratio.



**Category of Prior Actions:**

- ☒ **System Design Changes** - System design changes may include the following: Changes to coverage levels (including retiree co-payments, deductibles, and Medicare eligibility), changes to premium cost-sharing, eligibility changes, switch to defined contribution retiree health care plan, changes to retiree health care coverage for new hires, etc.

**Sample Statement:** Benefit levels of the retired membership mirrors the current collective bargaining agreement for each class of employee. On **January 1, 2017**, the local unit entered into new collective bargaining agreements with the **Command Officers Association and Internal Association of Firefighters** that increased employee co-payments and deductibles for healthcare. These coverage changes resulted in an improvement to the retirement system's funded ratio. Please see page 12 of the attached actuarial analysis that indicates the system is **40% funded as of June 30, 2017**.

From 2009 through 2013, the Charter Township of Plymouth shifted to a defined Contribution Plan and the Defined Benefits Plan was closed to new hires with the following effective dates (see Attachment 6a):

- (1) January 1, 2009 (AFSCME, TPOAM and non-represented employees); (2) January 1, 2010 (Teamsters); (3) January 2, 2012 (POAM dispatch); (4) May 6, 2012 (IAFF); (5) April 24, 2013 (COAM and POAM police officers).

- ☒ **Additional Funding** – Additional funding may include the following: paying the annual required contribution in addition to retiree premiums, voluntary contributions above the annual required contribution, bonding, millage increases, restricted funds, etc.

**Sample Statement:** The local unit created a qualified trust to receive, invest, and accumulate assets for retirement healthcare on **June 23, 2016**. The local unit of government has adopted a policy to change its funding methodology from Pay-Go to full funding of the Annual Required Contribution (ARC). Additionally, the local unit has committed to contributing **\$500,000** annually, in addition to the ARC for the next five fiscal years. The additional contributions will increase the retirement system's funded ratio to **40% by 2022**. Please see page 10 of the attached resolution from our governing body demonstrating the commitment to contribute the ARC and additional **\$500,000** for the next five years.

(A) The Charter Township of Plymouth created a qualified trust to receive, invest and accumulate assets for retirement healthcare on October 23, 2018 (Attachment 4a). (B) A millage increase to help fund pension and healthcare retirement plans was approved by voters on November 6, 2018. (C) A contribution schedule was approved by the Township's Board of Trustees to fund the newly created trust (Attachment 4b). This funding schedule will increase the funded ratio to 40% by the year 2035.

- ☒ **Other Considerations** – Other considerations may include the following: outdated Form 5572 information, actuarial assumption changes, amortization policy changes, etc.

**Sample Statement:** The information provided on the Form 5572 from the audit used actuarial data from **2015**. Attached is an updated actuarial valuation for **2017** that shows our funded ratio has improved to **42%** as indicated on page 13.

The attached actuarial projections provided by Watkins & Ross demonstrate (under 2 different scenarios) that the funding schedule approved by our Board of Trustees, combined with the fact that the plan has been closed to new entrants since 2013, will enable the Township to achieve its 40% funding target by the year 2035 (Attachment 2a).

#### 4. DESCRIPTION OF PROSPECTIVE ACTIONS

The corrective action plan allows you to submit a plan of prospective actions which are separated into three categories below: System Design Changes, Additional Funding, and Other Considerations. Please provide a brief description of the prospective actions implemented by the local government to address the retirement system's underfunded status within the appropriate category section. Within each category are sample statements that you may choose to use to indicate the changes to your system that will positively affect your funded status. For retirement systems that have multiple divisions, departments, or plans within the same retirement system, please indicate how these changes impact the retirement system as a whole.

Please indicate where in the attached supporting documentation these changes are described and the impact of those changes (i.e. what will the local unit of government do to improve its underfunded status, and where can we find the proof of these changes in the supporting documentation?).

**Category of Prospective Actions:**

- ☐ **System Design Changes** - System design changes may include the following: Changes to coverage levels (including retiree co-payments, deductibles, and Medicare eligibility), changes to premium cost-sharing, eligibility changes, switch to defined contribution retiree health care plan, changes to retiree health care coverage for new hires, etc.

**Sample Statement:** The local unit will seek to align benefit levels for the retired membership with each class of active employees. Beginning with **summer 2018** contract negotiations, the local unit will seek revised collective bargaining agreements with the **Command Officers Association** and **Internal Association of Firefighters** to increase employee co-payments and deductibles for healthcare. These coverage changes would result in an improvement to the retirement system's funded ratio. Please see page 12 of the attached actuarial analysis that indicates the system would be **40% funded by fiscal year 2020** if these changes were adopted and implemented by **fiscal year 2019**.

- ☐ **Additional Funding** – Additional funding may include the following: meeting the annual required contribution in addition to retiree premiums, voluntary contributions above the annual required contribution, bonding, millage increases, restricted funds, etc.

**Sample Statement:** The local unit will create a qualified trust to receive, invest, and accumulate assets for retirement healthcare by **December 31, 2018**. The local unit of government will adopt a policy to change its funding methodology from Pay-Go to full funding of the Annual Required Contribution (ARC) by **December 31, 2018**. Additionally, beginning in fiscal year 2019, the local unit will contribute **\$500,000** annually in addition to the ARC for the next five fiscal years. The additional contributions will increase the retirement system's funded ratio to **40% by 2022**. Please see page 10 of the attached resolution from our governing body demonstrating the commitment to contribute the ARC and additional **\$500,000** for the next five years.

- ☐ **Other Considerations** – Other considerations may include the following: outdated Form 5572 information, actuarial assumption changes, amortization policy changes, etc.

**Sample Statement:** Beginning in **fiscal year 2019**, the local unit will begin amortizing the unfunded portion of the healthcare liability using a **level-dollar amortization method over a closed period of 10 years**. This will allow the health system to reach a funded status of **42% by 2022** as shown in the attached actuarial analysis on page 13.

**5. CONFIRMATION OF FUNDING**

Please check the applicable answer:

Do the corrective actions listed in this plan allow for (insert local unit name) Charter Township of Plymouth to make, at a minimum, the retiree premium payment, as well as the normal cost payments for all new hires (if applicable), for the retirement health benefit system according to your long-term budget forecast?

☒ Yes

☐ No

If No, Explain

**6. DOCUMENTATION ATTACHED TO THIS CORRECTIVE ACTION PLAN**

Documentation should be attached as a .pdf to this corrective action plan. The documentation should detail the corrective action plan that would be implemented to adequately address the local unit of government's underfunded status. Please check all documents that are included as part of this plan and attach in successive order as provided below:

**Naming convention:** when attaching documents please use the naming convention shown below. If there is more than one document in a specific category that needs to be submitted, include a, b, or c for each document. For example, if you are submitting two supplemental valuations, you would name the first document "Attachment 2a" and the second document "Attachment 2b".

**Naming Convention****Type of Document**

☒ Attachment – 1

**This Corrective Action Plan (Required)**

☒ Attachment – 1a

**Documentation from the governing body approving this Corrective Action Plan (Required)**

☒ Attachment – 2a

**An actuarial projection, an actuarial valuation, or an internally developed analysis, which illustrates how and when the local unit will reach the 40% funded ratio. Or, if the local unit is a city, village, township, or county, ARC will be less than 12% of governmental fund revenues, as defined by the Act. (Required)**

☐ Attachment – 3a

Documentation of additional payments in past years that is not reflected in your audited financial statements (e.g. enacted budget, system provided information).

☒ Attachment – 4a

Documentation of commitment to additional payments in future years (e.g. resolution, ordinance)

☐ Attachment – 5a

A separate corrective action plan that the local unit has approved to address its underfunded status, which includes documentation of prior actions, prospective actions, and the positive impact on the system's funded ratio

☒ Attachment – 6a

Other documentation, not categorized above

## 7. CORRECTIVE ACTION PLAN CRITERIA

Please confirm that each of the four corrective action plan criteria listed below have been satisfied when submitting this document. Specific detail on corrective action plan criteria can be found in the [Corrective Action Plan Development: Best Practices and Strategies](#) document.

### Corrective Action Plan Criteria

### Description

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> Underfunded Status   | Is there a description and adequate supporting documentation of how and when the retirement system will reach the 40% funded ratio? Or, if your local unit is a city, village, township, or county, how and when the ARC of all retirement healthcare systems will be less than 12 percent of governmental fund revenues? |
| <input checked="" type="checkbox"/> Reasonable Timeframe | Do the corrective actions address the underfunded status in a reasonable timeframe ( <a href="#">see CAP criteria issued by the Board</a> )?  |
| <input checked="" type="checkbox"/> Legal and Feasible   | Does the corrective action plan follow all applicable laws? Are all required administrative certifications and governing body approvals included? Are the actions listed feasible?  |
| <input checked="" type="checkbox"/> Affordability        | Do the corrective action(s) listed allow the local unit to make the retiree healthcare premium payment, as well as normal cost payment for new hires now and into the future without additional changes to this corrective action plan?   |

## 8. LOCAL UNIT OF GOVERNMENT'S ADMINISTRATIVE OFFICER APPROVAL OF CORRECTIVE ACTION PLAN

I, Kurt Heise, as the government's administrative officer (insert title)  
Township Supervisor (Ex: City/Township Manager, Executive director, and Chief Executive Officer, etc.) approve this Corrective Action Plan and will implement the prospective actions contained in this Corrective Action Plan.

I confirm to the best of my knowledge that because of the changes listed above, one of the following statements will occur:

- ☒ The Plymouth Township Retiree Medical Plan (Insert Retirement Healthcare System Name) will achieve a funded status of at least 40% by Fiscal Year 2035 as demonstrated by required supporting documentation listed in section 6.

**OR, if the local unit is a city, village, township, or county:**

- ☐ The ARC for all of the retirement healthcare systems of \_\_\_\_\_ (Insert local unit name) will be less than 12% of the local unit of government's annual governmental fund revenues by Fiscal Year \_\_\_\_\_ as demonstrated by required supporting documentation listed in section 6.

Signature \_\_\_\_\_

Date \_\_\_\_\_

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.4  
PURCHASE OF LIFEPAK 15  
DEFIBRILLATOR  
RESOLUTION #2019-03-12-28**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** 3/12/2019

**ITEM:** Budgeted Item. Purchase new 2019 Lifepak 15 defibrillator to replace 2008 Lifepak 12 defibrillator, with purchase price \$35,057.40 see attached quote Resolution #2019-03-12-28

**PRESENTER:** Chief Dan Phillips

**OTHER INDIVIDUALS IN ATTENDANCE:** None anticipated.

**BACKGROUND:** Lifepak defibrillators are used to provide diagnostic of heart related disease and provide lifesaving electrical current to restart a damaged or stopped heartbeat. They are used on over 1500 medical runs per year for diagnosing patient conditions and monitoring patients until arrival at Hospital Emergency Department. They also provide lifesaving electrical current to “restart” a damaged heart. Cardiovascular disease is still the number one killer in the United States according to the Center for Disease Control. Lifepak 15 defibrillators are found on all Plymouth Township and Huron Valley Ambulances. The board approved 6 Lifepak AED’s for other municipal buildings in 2016.

**ACTION REQUESTED:** Purchase replacement unit that was budgeted in 2019 Budget. Physio Control is a sole source provider of the Lifepak 15 . We have a quote for a replacement unit at \$35,057.40

**BUDGET/ACCOUNT NUMBER:** This item is in the 2019 Budget.

**RECOMMENDATION:** Approval

**MODEL RESOLUTION:** I move to approve Resolution #2019-03-12-28, authorizing the purchase of a Lifepak 15 Monitor/Defibrillator from Physio-Control, Inc in an amount not to exceed \$35,057.40 and to authorize the supervisor and Clerk to sign all required documents for this purchase.

### **ATTACHMENTS:**

**RECOMMENDATION:** Moved by: \_\_\_\_\_ Seconded by: \_\_\_\_\_  
\_\_\_\_Dempsey, \_\_\_\_Doroshewitz, \_\_\_\_Heise, \_\_\_\_Heitman, \_\_\_\_Vorva, \_\_\_\_Clinton, \_\_\_\_Curmi

**STATE OF MICHIGAN  
COUNTY OF WAYNE  
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION TO EXERCISE PURCHASE OPTION  
Lifepak 15 defibrillator  
RESOLUTION #2019-03-12-28**

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall, located at 9955 N Haggerty Road, Plymouth, Michigan, on March 12, 2019, at 7:00 p.m.

WHEREAS, The Board of Trustees of the Charter Township of Plymouth was presented a quote to purchase a Lifepak Defibrillator, to be purchased from Physio Control of Redmond Washington and owned by Stryker Corporation of Kalamazoo MI and,

WHEREAS, the current Lifepak 12 defibrillator is outdated and due for replacement,

WHEREAS, the Lifepak 15 Monitor is the monitor currently being utilized by the Charter Township of Plymouth and Physio Control is a sole source provider,

WHEREAS, the legacy litter retention system will be retired from service,

NOW THEREFORE BE IT RESOLVED, that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2019-03-12-28, authorizing the purchase of a Lifepak 15 defibrillator.

Motion By:

Seconded By:

**Roll Call Vote:**

**Ayes:**

**Nays:**

**Motion Passed**

\_\_\_\_\_  
Jerry W Vorva, Clerk

March 12, 2018



## **Plymouth Township Fire Department**

### **2019 Budget Request**

### **New Capital Item**

<b>Department:</b> Fire Department		<b>Capital Item:</b> 2019 LIFEPAK defibrillator	
<b>Quantity:</b> 1 LIFEPAK defibrillator	<b>Useful Life:</b> 10 years	<b>Cost:</b> \$35,108.73	
<b>Check One: Equipment <input checked="" type="checkbox"/> Project <input type="checkbox"/></b>			
<b><u>Description and Function of new capital item</u></b> This project involves the replacement of a Lifepak 12 monitor purchased in 2008 with a current model Lifepak 15. In 2014 Plymouth Township replaced two Lifepak 12's with Lifepak 15's from Physio Control. With this purchase three ambulances will be equipped with a Lifepak. We maintain 3 Front Line ambulances with one reserve ambulance.			
<b><u>Explain new or improved service that will result from new item</u></b> The Lifepak 12 is an older model with older technology that has been updated in the Lifepak 15. The older unit is no longer under warranty and service will cost extra on the device. The Lifepak 15 can measure Carbon Monoxide in blood. It continuously monitors all 12 leads in the background and provides alerts to changes. The Lifepak 15 works with our current patient care reporting system. It has a better display in sunlight and can be viewed at a wider viewing angle. It uses lithium ion batteries and can store more energy than previous model allowing for roughly 50% more battery life.			
<b><u>Why is this new item needed? Why does the Township need to provide this service?</u></b> Defibrillators are required on all Michigan Ambulances as part of the vehicle license. The current model is outdated and past its service life. The trade in value is higher and would be best used replacing the unit.			
<b><u>How will any current services be affected or changed if approved? What will happen if this item is Not approved?</u></b> All rescues will be outfitted with the same equipment, improving employee performance. The new device will be covered under a 3 year on site comprehensive coverage. The device will also communicate with the hospital better than the current Lifepak 12 model does. If this is not approved the Lifepak 12 device will continue in service and we will have to maintain older outdated equipment. The Lifepak 12 is more susceptible to downtime and longer wait for replacement parts.			
<b><u>How do you anticipate providing this service?</u></b> The Lifepak 15 will replace the Lifepak 12 on Rescue #2. The Lifepak 12 will be returned to Physio-Control for a 5,000 credit as part of the quote. The employees are already trained on its use. This device will be placed in service immediately.			
<b><u>What will be the operating budget impact? (personnel, supplies, other charges)</u></b> This item was approved in the 2019 budget.			



PHYSIO  
CONTROL



**LIFEPAK 15** MONITOR/DEFIBRILLATOR  
For Emergency Medical Services



82

When you respond to emergencies,  
you need the most advanced monitor/  
defibrillator that sets the new standard  
in innovation, operations and toughness.





## The LIFEPAK 15 monitor/defibrillator delivers.

Physio-Control defibrillators have set the standard for over 55 years, and the latest version of the LIFEPAK® 15 monitor/defibrillator raises the bar. As our most advanced emergency response monitor/defibrillator, the LIFEPAK 15 device balances sophisticated clinical technologies and supreme ease of use in a device that's tough enough to stand up to your most challenging environments. Evolving from its original platform, the 15 adds new features—temperature monitoring and external power—to complement existing features which include 360J energy and 12-lead ECG transmission. And that means your team can be even more effective.

A LIFEPAK device never stands on its own—and the LIFEPAK 15 monitor is no different. Physio-Control is committed to providing innovative solutions for emergency response care, from first responders to throughout the hospital.

*Our products have helped save tens of thousands of lives. We're proud to continue this work with new features in the LIFEPAK 15 monitor/defibrillator.*

**LIFEPAK 15** MONITOR/DEFIBRILLATOR

## The new standard in clinical innovation.

The pioneer in portable defibrillation and monitoring technology, Physio-Control is committed to creating technologies and devices that change the way you provide emergency care. You can see the results in the latest version of the LIFEPAK 15 monitor/defibrillator, which sets a new standard in innovation—yet again.



### Advanced monitoring parameters

With more monitoring capabilities than any other monitor/defibrillator, the 15 gives you EtCO<sub>2</sub> with continuous waveform capture\*. Masimo® Rainbow® technology helps you detect hard-to-diagnose conditions and improve patient care with noninvasive monitoring of carbon monoxide, SpO<sub>2</sub>, and methemoglobin. In addition, the 15 now offers temperature monitoring—and like other data, you can transmit it to other systems, trend it, or display for post-event review in CODE-STAT™ data review software.



### Advanced support for treating cardiac patients

The 15 continuously monitors all 12 leads in the background and alerts you to changes using the ST-Segment trend monitoring feature, after acquiring the initial 12-lead. Additionally, STJ values are now included on the 12-lead printout to help you identify changes. The 15 also works seamlessly with the web-based LIFEPAK System 5.0, so you can automatically share critical patient data with multiple patient care teams.

### Full energy up to 360 joules, for every patient who needs it

The LIFEPAK 15 monitor/defibrillator features 360J biphasic technology, which gives you the option of escalating your energy dose up to 360J for difficult-to-defibrillate patients. Why is this necessary? Recent studies have shown that refrillation is common among VF cardiac arrest patients and that defibrillation of recurring episodes of VF is increasingly difficult. Another recent randomized controlled clinical trial shows the rate of VF termination was higher with an escalating higher energy regimen of 200J and over.<sup>1</sup>

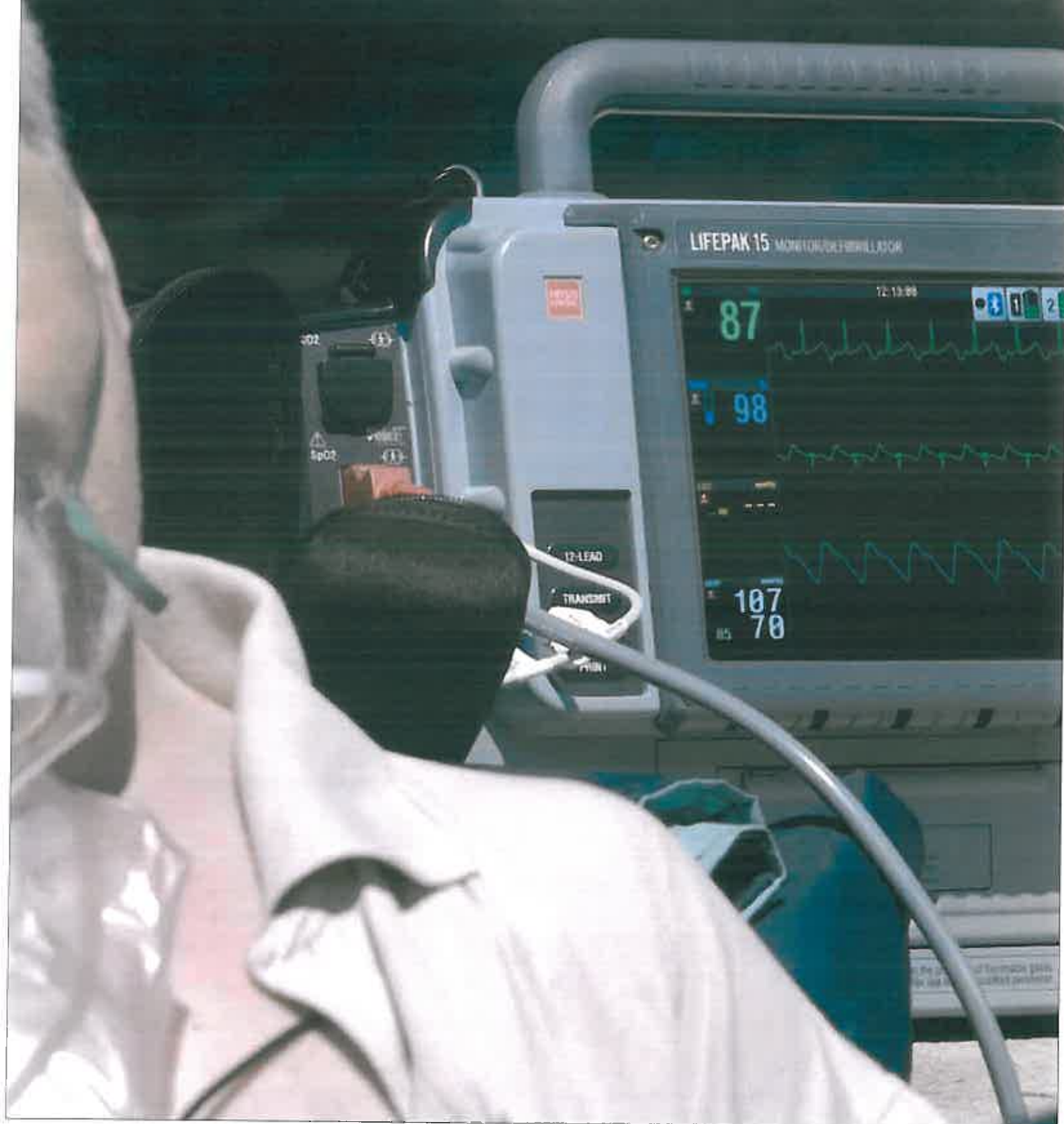
### Proven CPR guidance and post event review

The CPR Metronome in the LIFEPAK 15 monitor uses audible prompts to guide you without distracting vocal critique. A metronome has been a feature that has been demonstrated to help professionals perform compressions and ventilations within the recommended range of the 2010 AHA Guidelines. Post-event review of CPR data and delivering feedback to the team has been shown to be effective in improving CPR quality in both hospital and out-of-hospital.<sup>2,3,4</sup> And by transmitting code data directly to CODE-STAT Data Review software, EMS personnel can review CPR statistics and provide training and feedback where it is most needed.

Post-event review of CPR data and delivering feedback to the team has been shown to be effective in improving CPR quality in both hospital and out-of-hospital.<sup>2,3,4</sup>





**LIFEPAK 15** MONITOR/DEFIBRILLATOR



## LIFEPAK<sup>®</sup> 15 MONITOR/DEFIBRILLATOR

# The new standard in operational effectiveness.

Flexible, connected and easy to use, the LIFEPAK 15 monitor/defibrillator was designed based on the feedback and needs specific to working in the field.

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### Dual-mode LCD screen with SunVue™ display

Switch from full-color to high-contrast SunVue mode with a single touch for the best full-glare view in the industry. A large screen (8.4 inches diagonally) and full-color display provide maximum viewability from all angles.

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### Flexible power options

Choose between external worldwide AC or DC power, or use the latest Lithium-ion dual battery technology for up to six hours of power. The LIFEPAK 15 monitor's two-battery system requires no maintenance or conditioning, and allows you to charge batteries in the device. In addition, you can track the status and service life of your batteries using LIFENET® Asset, part of the LIFENET System data network.

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### Data connectivity

The 15 collects code summaries and equipment status data along with critical clinical information as you treat patients. Using LIFENET Connect, part of the LIFENET System data network, the code summaries can be sent directly to your quality improvement team for review with CODE-STAT Data Review Software. Your equipment manager can also view equipment status on the LIFENET System 5.0 using LIFENET Asset and alert you to any potential issues.

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### Upgradable platform

The 15 platform is flexible enough to adapt to evolving protocols and new guidelines, and can be upgraded as you're ready to deliver new capabilities. With more processing power and speed, the 15 is designed to grow as your needs change, helping you avoid costly premature replacements.

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### Attention to detail

The LIFEPAK 15 monitor is designed based on field feedback to make it a more effective tool. The 15 has a larger handle for easier handoffs, an easy to clean keypad, and a common interface to the LIFEPAK 12 defibrillator/monitor that helps reduce training.

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Code summaries can be sent directly to your quality improvement team for review with CODE-STAT Data Review Software.



# The new standard in toughness.

We believe LIFEPAK equipment should live up to the highest expectations of those working in the harshest settings. The 15 is LIFEPAK TOUGH, with improved ruggedness and durability you can rely on.

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## **Works when dropped, kicked, soaked or dirty**

The LIFEPAK 15 monitor/defibrillator passes 30-inch drop tests, which is equal to falling off a cot or dropping it in transit. And with an IP44 rating, it doesn't matter how wet or dirty it gets, so you can keep working in steady wind, rain and other harsh environments.

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## **Toughened inside and out**

We heard from emergency response teams that they wanted a tougher device—so we added a shock-absorbing handle, a double-layer screen that can take a beating from doorknobs and cot handles, and redesigned cable connections for confident monitoring and therapy delivery.

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## **Unmatched field service**

The unit's self-checking feature alerts our service team if the device needs attention. Our on site maintenance and repair, access to original manufacturer parts, and highly trained, experienced service representatives give you the peace of mind that your LIFEPAK 15 monitor will be ready when you need it.\*

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Data connectivity



LIFEPAK TOUGH™



Dual-mode LCD screen with SunVue display

\* A variety of customized service options are available.

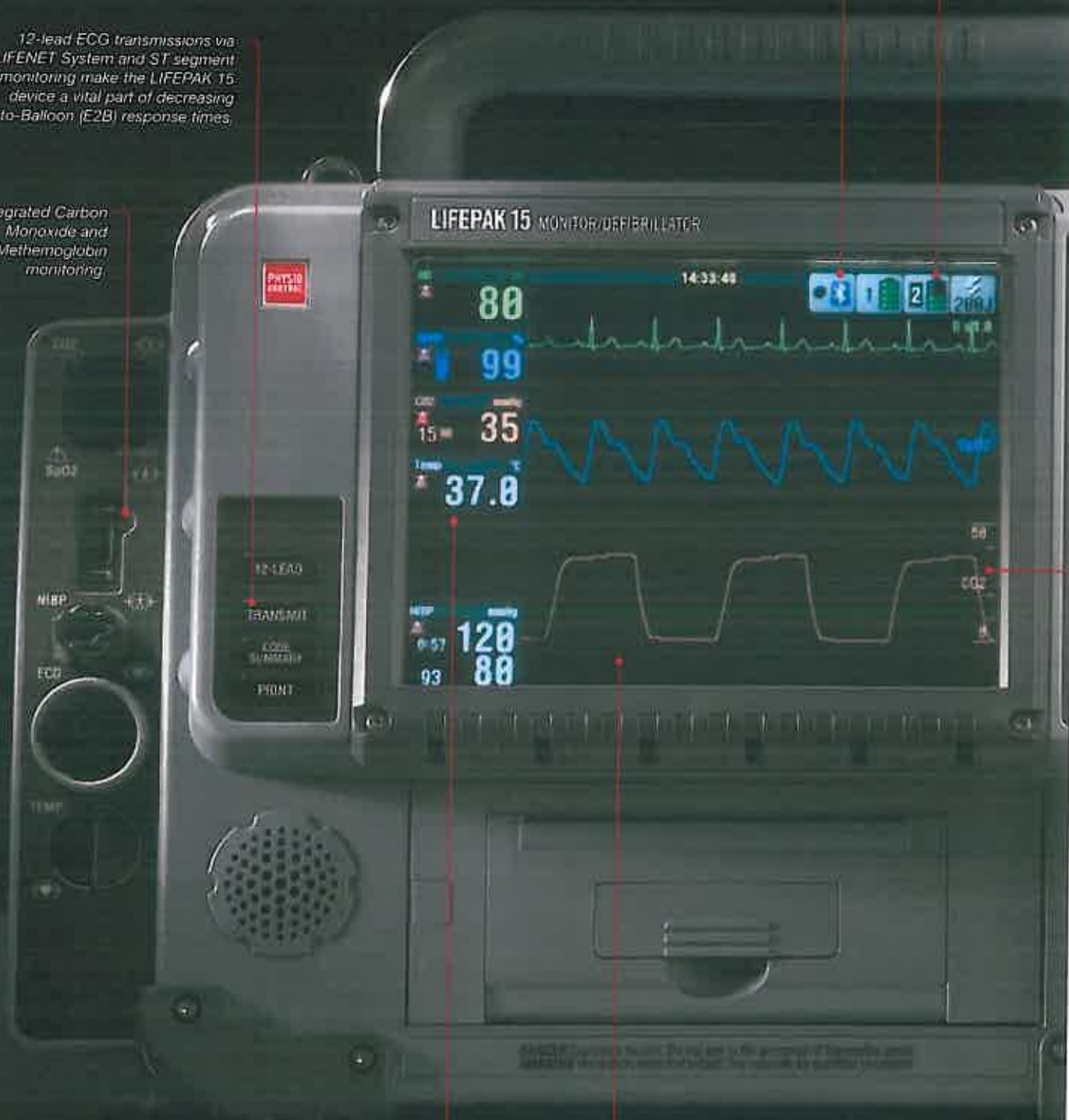
# LIFEPAK 15 MONITOR/DEFIBRILLATOR

The latest Lithium-ion battery technology and dual battery system allows for nearly six hour run time, automatic switching between external power and batteries, and an approximate two-year replacement cycle.

Easy one-touch Bluetooth data transmission.

12-lead ECG transmissions via the LIFENET System and ST segment trend monitoring make the LIFEPAK 15 device a vital part of decreasing EMS-to-Balloon (E2B) response times.

Integrated Carbon Monoxide and Methemoglobin monitoring.



On screen temperature display in either Celsius or Fahrenheit.

Large screen for better visibility and easy monitoring and one-touch to switch from LCD color view to SunVue mode for best viewing in sunlight.

Ergonomically designed handle has built-in shock absorbers for cushion and fits two gloved hands for easy pass off.

CPR Metronome, a proven technology that actively guides users to a consistent compression rate without the need for extra external hardware.

Integrated Oridion EtCO<sub>2</sub> provides waveform ranges as low as 0-20 mmHg to help identify ROSC or gauge CPR quality, consistent with the AHA guidelines.

## The LIFEPAK 15 monitor/defibrillator at a glance.

Redesigned cable connector gives you the confidence for secure therapy delivery.





LIFEPAK 15 MONITOR / DEFIBRILLATOR

For more than 55 years, Physio-Control has been developing technologies and designing devices that are legendary among first response professionals, clinical care providers, and the community.





## A legacy of trust.

Since we were founded in 1955, Physio-Control has been giving medical professionals around the world legendary quality and constant innovation. Our LIFEPAK devices have been carried to the top of Mount Everest. They've been launched into orbit on the International Space Station. And you'll find more than half a million units in use today on fire rescue rigs, ambulances, and hospital crash carts worldwide.

We are inspired and informed by the rescuers who choose our products to save lives. The knowledge gained from working with some of the world's largest EMS organizations helps us constantly improve clinical standards and durability.

Today, we continue our legacy of innovation with leading new technologies that improve patient care. Our 360J biphasic technology gives patients the best chance at survival. Our secure, web-based flow of ECG data helps improve STEMI patient outcomes. And our carbon monoxide monitoring helps catch the number one cause of poisoning deaths.

From the streets to the emergency room to the administrative office, we offer a powerful suite of solutions that range from code response to quality control analysis. And even as we bring ground-breaking products to the market, some things don't change. As always, when you choose our products, you don't just get a device. You also get the most comprehensive warranty in the business, industry-leading technical service, and a partner with over 55 years of experience in emergency care.

*For more information about the LIFEPAK 15 monitor/defibrillator—and how it can help you do what you do best—please contact your local Physio-Control representative or visit **[www.physio-control.com](http://www.physio-control.com)**.*



# Physio-Control Continuum of Care

## Defibrillators/Monitors

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LIFEPAK CR<sup>®</sup> Plus  
Automated External Defibrillator



LIFEPAK<sup>®</sup> 1000  
Defibrillator



LIFEPAK<sup>®</sup> 20e  
Defibrillator/Monitor

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### LIFEPAK CR<sup>®</sup> Plus Automated External Defibrillator

Featuring the same advanced technology trusted by emergency medical professionals—yet simple to use—the LIFEPAK CR Plus AED is designed specifically for the first person to respond to a victim of sudden cardiac arrest. Unlike AEDs with complex prompts and limited energy for defibrillation, the fully automatic LIFEPAK CR Plus AED combines an easy two-step operation, just the right level of guidance, and the capability to escalate to 360 joules when needed.

### LIFEPAK<sup>®</sup> 1000 Defibrillator

The LIFEPAK 1000 Defibrillator is a powerful and compact device designed to treat cardiac arrest patients and provide continuous cardiac monitoring capabilities. Built-in flexibility allows the 1000 to be programmed for use by first responders or professionals and enables care providers to change protocols as standards of care evolve. A large, intuitive screen displays graphics and ECG readings that are clear and easy to read from any angle and in bright sunlight. The most rugged AED in the LIFEPAK fleet, you can carry the 1000 with confidence into the harshest environments.

### LIFEPAK<sup>®</sup> 20e Defibrillator/Monitor

Building on the design of its predecessor, the LIFEPAK 20e defibrillator/monitor is compact, lightweight and easy to rush to the scene or use during transport. The 20e is highly intuitive to use, putting early, effective defibrillation into the hands of first responders. The 20e skillfully combines AED function with manual capability so that ACLS-trained clinicians can quickly and easily deliver advanced therapeutic care. Clinically advanced and packed with power, the 20e uses Lithium-ion battery technology that provides extended operating time for transporting patients from one area of the hospital to another and includes ADAPTIV<sup>™</sup> biphasic technology up to 360 joules.

## CPR Assistance

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LUCAS™ Chest  
Compression System

## Information Management

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LIFENET™ System / CODE-STAT™ Data Review Software

### LUCAS™ Chest Compression System

Designed to provide effective, consistent and uninterrupted compressions according to AHA Guidelines, LUCAS can be used on adult patients in out-of-hospital and hospital settings. Maintaining high-quality hands-free compressions frees responders to focus on other lifesaving therapies and enables them to wear seatbelts during transport. Available in both air-powered and the newer battery-powered version.

### LIFENET™ System

The LIFENET System provides EMS and hospital care teams with reliable, quick access to clinical information helping to improve patient care flow and operational efficiency. The LIFENET System provides a reliable and secure web-based platform linking care teams with critical information for emergent patient data and post-event review. From providing an advanced alert of an incoming patient, to reviewing post-event data, to tracking assets, the LIFENET System is the most comprehensive system on the market today.

### CODE-STAT™ Data Review Software

CODE-STAT software is a powerful tool to improve your resuscitation system. Measuring performance, providing feedback, enabling peer-review and identifying areas for improvement make CODE-STAT software a critical component to improving EMS and Hospital care teams' performance. Features such as multiple continuous waveform capture and CPR interval reporting take post-event review to another level, helping to improve patient care and outcomes.



# LIFEPAK 15 MONITOR/DEFIBRILLATOR







## SPECIFICATIONS

### GENERAL

The LIFEPAK 15 monitor/defibrillator has six main operating modes:

**AED Mode:** for automated ECG analysis and a prompted treatment protocol for patients in cardiac arrest.

**Manual Mode:** for performing manual defibrillation, synchronized cardioversion, noninvasive pacing, and ECG and vital sign monitoring.

**Archive Mode:** for accessing stored patient information.

**Setup Mode:** for changing default settings of the operating functions.

**Service Mode:** for authorized personnel to perform diagnostic tests and calibrations.

**Demo Mode:** for simulated waveforms and trend graphs for demonstration purposes.

### PHYSICAL CHARACTERISTICS

#### Weight:

Basic monitor/defibrillator with new roll paper and two batteries installed: 8.6 kg (18.9 lb)

Fully featured monitor/defibrillator with new roll paper and two batteries installed: 9.1 kg (20.1 lb)

Lithium-Ion battery: 0.59 kg (1.3 lb)

Accessory Bags and Shoulder Strap: 1.77 kg (3.9 lb)

Standard (hard) Paddles: 0.95 kg (2.1 lb)

Height: 31.7 cm (12.5 in)

Width: 40.1 cm (15.8 in)

Depth: 23.1 cm (9.1 in)

### DISPLAY

**Size (active viewing area):** 212 mm (8.4 in) diagonal; 171 mm (6.7 in) wide x 128 mm (5.0 in) high

**Resolution:** display type 640 dot x 480 dot color backlit LCD

**User Selectable Display Mode:** full color or SunVue™ display high contrast

**Display:** a minimum of 5 seconds of ECG and alphanumerics for values, device instructions, or prompts

**Display:** up to three waveforms

**Waveform Display Sweep Speed:** 25 mm/sec for ECG, SpO<sub>2</sub>, IP, and 12.5 mm/sec for CO<sub>2</sub>

### DATA MANAGEMENT

The device captures and stores patient data, events (including waveforms and annotations), and continuous waveform and patient impedance records in internal memory.

The user can select and print reports, and transfer the stored information via supported communication methods.

#### Report Types:

- Three format types of CODE SUMMARY™ critical event record: short, medium, and long
- 12-lead ECG with STEMI statements
- Continuous Waveform (transfer only)
- Trend Summary
- Vital Sign Summary
- Snapshot

**Memory Capacity:** Total capacity is 360 minutes of continuous ECG, 90 minutes of continuous data from all channels, or 400 single waveform events.

Maximum memory capacity for a single patient includes up to 200 single waveform reports and 90 minutes of continuous ECG.

### COMMUNICATIONS

The device is capable of transferring data records by wired or wireless connection. This device complies with Part 15 of the FCC rules, and its operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received,

including interference that may cause undesired operation.

Serial Port RS232 communication + 12V available

Limited to devices drawing maximum 0.5 A current

Bluetooth® technology provides short-range wireless communication with other Bluetooth-enabled devices

### MONITOR

#### ECG

ECG is monitored via several cable arrangements:

A 3-wire cable is used for 3-lead ECG monitoring.

A 5-wire cable is used for 7-lead ECG monitoring.

A 10-wire cable is used for 12-lead ECG acquisition. When the chest electrodes are removed, the 10-wire cable functions as a 4-wire cable.

Standard paddles or QUIK-COMBO pacing/defibrillation/ECG electrodes are used for paddles lead monitoring.

#### Frequency Response:

Monitor: 0.5 to 40 Hz or 1 to 30 Hz

Paddles: 2.5 to 30 Hz

12-lead ECG diagnostic: 0.05 to 150 Hz

#### Lead Selection:

Leads I, II, III, (3-wire ECG cable)

Leads I, II, III, AVR, AVL, and AVF acquired simultaneously (4-wire ECG cable)

Leads I, II, III, AVR, AVL, AVF, and C lead acquired simultaneously (5-wire ECG cable)

Leads I, II, III, AVR, AVL, AVF, V1, V2, V3, V4, V5, and V6 acquired simultaneously (10-wire ECG cable)

**ECG size:** 4, 3, 2.5, 2, 1.5, 1, 0.5, 0.25 cm/mV (fixed at 1 cm/mV for 12-lead)

#### Heart Rate Display:

20–300 bpm digital display

Accuracy:  $\pm 4\%$  or  $\pm 3$  bpm, whichever is greater

QRS Detection Range Duration: 40 to 120 msec

Amplitude: 0.5 to 5.0 m

**Common Mode Rejection (CMRR):** ECG Leads: 90 dB at 50/60 Hz

### SpO<sub>2</sub>/SpCO/SpMet

#### Sensors:

MASIMO® sensors including RAINBOW® sensors

NELLCOR® sensors when used with the MASIMO RED™ MNC adapter

#### SpO<sub>2</sub>

**Displayed Saturation Range:**  $< 50\%$  for levels below 50%; 50 to 100%

**Saturation Accuracy:** 70–100% (0–69% unspecified)

#### Adults/Pediatrics:

$\pm 2$  digits (during no motion conditions)

$\pm 3$  digits (during motion conditions)

Dynamic signal strength bar graph

Pulse tone as SpO<sub>2</sub> pulsations are detected

**SpO<sub>2</sub> Update Averaging Rate User selectable:** 4, 8, 12 or 16 seconds

**SpO<sub>2</sub> Sensitivity User selectable:** Normal, High

**SpO<sub>2</sub> Measurement:** Functional SpO<sub>2</sub> values are displayed and stored

**Pulse Rate Range:** 25 to 240 bpm

**Pulse Rate Accuracy (Adults/Pediatrics):**

$\pm 3$  digits (during no motion conditions)

$\pm 5$  digits (during motion conditions)

Optional SpO<sub>2</sub> waveform display with autogain control

#### SpCO\*

**SpCO Concentration Display Range:** 0 to 40%

**SpCO Accuracy:**  $\pm 3$  digits

#### SpMET\*

**SpMet Saturation Range:** 0 to 15.0%

**SpMet Display Resolution:** 0.1% up to 10%

**SpMet Accuracy:**  $\pm 1$  digit

#### NIBP

**Blood Pressure Systolic Pressure Range:** 30 to 255 mmHg

**Diastolic Pressure Range:** 15 to 220 mmHg

**Mean Arterial Pressure Range:** 20 to 235 mmHg

**Units:** mmHg

**Blood Pressure Accuracy:**  $\pm 5$  mmHg

**Blood Pressure Measurement Time:** 20 seconds, typical (excluding cuff inflation time)

**Pulse Rate Range:** 30 to 240 pulses per minute

**Pulse Rate Accuracy:**  $\pm 2$  pulses per minute or  $\pm 2\%$ , whichever is greater

**Operation Features Initial Cuff Pressure:** User selectable, 80 to 180 mmHg

**Automatic Measurement Time Interval:** User selectable

**Automatic Cuff Deflation Excessive Pressure:** If cuff pressure exceeds 290 mmHg

**Excessive Time:** If measurement time exceeds 120 seconds

#### CO<sub>2</sub>

**CO<sub>2</sub> Range:** 0 to 99 mmHg (0 to 13.2 kPa)

**Units:** mmHg, %, or kPa

**Respiration Rate Accuracy:**

0 to 70 bpm:  $\pm 1$  bpm

71 to 99 bpm:  $\pm 2$  bpm

**Respiration Rate Range:** 0 to 99 breaths/minute

**Rise Time:** 190 msec

**Response Time:** 3.3 seconds (includes delay time and rise time)

**Initialization Time:** 30 seconds (typical), 10–180 seconds

**Ambient Pressure:** automatically compensated internally

**Optional Display:** CO<sub>2</sub> pressure waveform

Scale factors: Autoscale, 0–20 mmHg (0–4 Vol%), 0–50 mmHg (0–7 Vol%), 0–100 mmHg (0–14 Vol%)

#### Invasive Pressure

**Transducer Type:** Strain-gauge resistive bridge

**Transducer Sensitivity:** 5  $\mu$ V/V/mmHg

**Excitation Voltage:** 5 Vdc

**Connector:** Electro Shield: CXS 3102A 14S-6S

**Bandwidth:** Digital filtered, DC to 30 Hz ( $< -3$ db)

**Zero Drift:** 1 mmHg/hr without transducer drift

**Zero Adjustment:**  $\pm 150$  mmHg including transducer offset

**Numeric Accuracy:**  $\pm 1$  mmHg or 2% of reading, whichever is greater, plus transducer error

**Pressure Range:** -30 to 300 mmHg, in six user selectable ranges

#### Invasive Pressure Display

**Display:** IP waveform and numerics

**Units:** mmHg

**Labels:** P1 or P2, ART, PA, CVP, ICP, LAP (user selectable)

#### Temperature

**Range:** 24.8° to 45.2°C (76.6° to 113.4°F)

**Resolution:** 0.1°C

**Accuracy:**  $\pm 0.2^\circ$ C including sensor

**Reusable Temperature Cable:** 5 foot or 10 foot

**Disposable Sensor Types:** Surface-Skin; Esophageal/Rectal



**Trend**

**Time Scale:** Auto, 30 minutes, 1, 2, 4, or 8 hours

**Duration:** Up to 8 hours

**ST Segment:** After initial 12-lead ECG analysis, automatically selects and trends ECG lead with the greatest ST displacement

**Display Choice of:** HR, PR (SpO<sub>2</sub>), PR (NIBP), SpO<sub>2</sub> (%), SpCO (%), SpMet (%), CO<sub>2</sub> (EtCO<sub>2</sub>/FICO<sub>2</sub>), RR (CO<sub>2</sub>), NIBP, IP1, IP2, ST

**ALARMS**

**Quick Set:** Activates alarms for all active vital signs

**VF/VT Alarm:** Activates continuous (CPSS) monitoring in Manual mode

**Apnea Alarm:** Occurs when 30 seconds has elapsed since last detected respiration

**Heart Rate Alarm Limit Range:** Upper, 100–250 bpm; lower, 30–150 bpm

**INTERPRETIVE ALGORITHM**

**12-Lead Interpretive Algorithm:** University of Glasgow 12-Lead ECG Analysis Program, includes AMI and STEMI statements

**PRINTER**

Prints continuous strip of the displayed patient information and reports

**Paper Size:** 100 mm (3.9 in)

**Print Speed:** 25 mm/sec or 12.5 mm/sec

Optional: 50 mm/sec time base for 12-lead ECG reports

**Delay:** 8 seconds

**Autoprint:** Waveform events print automatically

**Frequency Response:**

Diagnostic: 0.05 to 150 Hz or 0.05 to 40 Hz

Monitor: 0.67 to 40 Hz or 1 to 30 Hz

**DEFIBRILLATOR**

**Biphasic Waveform:** Biphasic Truncated Exponential

The following specifications apply from 25 to 200 ohms, unless otherwise specified:

**Energy Accuracy:**  $\pm 1$  joule or 10% of setting, whichever is greater, into 50 ohms,  $\pm 2$  joules or 15% of setting, whichever is greater, into 25–175 ohms.

**Voltage Compensation:** Active when disposable therapy electrodes are attached. Energy output within  $\pm 5\%$  or  $\pm 1$  joule, whichever is greater, of 50 ohms value, limited to the available energy which results in the delivery of 360 joules into 50 ohms.

**Paddle Options:** QUIK-COMBO<sup>®</sup> pacing/defibrillation/ECG electrodes (standard). Cable Length 8 foot long (2.4 m) QUIK-COMBO cable (not including electrode assembly).

Standard paddles (optional)

**Manual Mode**

**Energy Select:** 2, 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 30, 50, 70, 100, 125, 150, 175, 200, 225, 250, 275, 300, 325, and 360 joules

**Charge Time:** Charge time to 360 joules in less than 10 seconds, typical

**Synchronous Cardioversion:** Energy transfer begins within 60 msec of the QRS peak

**Paddles Lead Off Sensing:** The transition point at which device changes from assuming that QUIK-COMBO electrodes are properly connected to patient to assuming that electrodes are not connected is  $300 \pm 50$  ohms.

**AED Mode**

**Shock Advisory System™ (SAS):** an ECG analysis system that advises the operator if the algorithm detects a shockable or non-shockable ECG rhythm. SAS acquires ECG via therapy electrodes only.

**Shock Ready Time:** Using a fully charged battery at normal room temperature, the device is ready to shock within 20 seconds if the initial rhythm finding is "SHOCK ADVISED"

**Biphasic Output:** Energy Shock levels ranging from 150–360 joules with same or greater energy level for each successive shock

**cprMAX™ Technology:** In AED mode, cprMAX™ technology provides a method of maximizing the CPR time that a patient receives, with the overall goal of improving the rate of survival of patients treated with AEDs.

**Setup Options:**

– Auto Analyze: Allows for auto analysis. Options are OFF, AFTER 1ST SHOCK

– Initial CPR: Allows the user to be prompted for CPR for a period of time prior to other activity. Options are OFF, ANALYZE FIRST, CPR FIRST

– Initial CPR Time: Time Interval for initial CPR. Options are 15, 30, 45, 60, 90, 120, and 180 seconds.

– Pre-Shock CPR: Allows the user to be prompted for CPR while the device is charging. Options are OFF, 15, 30 seconds.

– Pulse Check: Allows the user to be prompted for a pulse check at various times. Options are ALWAYS, AFTER EVERY SECOND NSA, AFTER EVERY NSA, NEVER

– Stacked Shocks: Allows for CPR after 3 consecutive shocks or after a single shock. Options are OFF, ON

– CPR Time: 1 or 2 User selectable times for CPR. Options are 15, 30, 45, 60, 90, 120, 180 seconds and 30 minutes.

**PACER**

**Pacing Mode:** Demand or non-demand rate and current defaults

**Pacing Rate:** 40 to 170 PPM

**Rate Accuracy:**  $\pm 1.5\%$  over entire range

**Output Waveform:** Monophasic, truncated exponential current pulse ( $20 \pm 1.5$  msec)

**Output Current:** 0 to 200 mA

**Pause:** Pacing pulse frequency reduced by a factor of 4 when activated

**Refractory Period:** 180 to 280 msec (function of rate)

**ENVIRONMENTAL**

Unit meets functional requirements during exposure to the following environments unless otherwise stated.

**Operating Temperature:** 0° to 45°C (32° to 113°F); -20°C (-4°F) for 1 hour after storage at room temperature; 60°C (140°F) for 1 hour after storage at room temperature

**Storage Temperature:** -20° to 65°C (-4° to 149°F) except therapy electrodes and batteries

**Relative Humidity, Operating:** 5 to 95%, non-condensing. NIBP: 15 to 95%, non-condensing

**Relative Humidity, Storage:** 10 to 95%, non-condensing

**Atmospheric Pressure, Operating:** -382 to 4,572 m (-1,253 to 15,000 ft). NIBP: -152 to 3,048 m (-500 to 10,000 ft)

**Water Resistance, Operating:** IP44 (dust and splash resistance) per IEC 529 and EN 1789 (without accessories except for 12-lead ECG cable, hard paddles, and battery pack)

**Vibration:** MIL-STD-810E Method 514.4, Propeller Aircraft - category 4 (figure 514.4-7 spectrum a), Helicopter - category 6 (3.75 Grms), Ground Mobile - category 8 (3.14 Grms), EN 1789: Sinusoidal Sweep, 1 octave/min, 10–150 Hz,  $\pm 0.15$  mm/2 g

**Shock (drop):** 5 drops on each side from 18 inches onto a steel surface EN 1789: 30-inch drop onto each of 6 surfaces

**Shock (functional):** Meets IEC 60068-2-27 and MIL-STD-810E shock requirements 3 shocks per face at 40 g, 6 ms half-sine pulses

**Bump:** 1000 bumps at 15 g with pulse duration of 6 msec

**Impact, Non-operating:** EN 60601-1 0.5 + 0.05 joule impact UL 60601-1 6.78 Nm impact with 2-inch diameter steel ball. Meets IEC62262 protection level IK 04.

**EMC:** EN 60601-1-2:2001 Medical Equipment - General Requirements for Safety - Collateral Standard; Electromagnetic Compatibility - Requirements and Tests EN 60601-2-4:2003; (Clause 36) Particular Requirements for the Safety of Cardiac Defibrillators and Cardiac Defibrillator-Monitors

**Cleaning:** Cleaning 20 times with the following: Quaternary ammonium, Isopropyl alcohol, hydrogen peroxide

**Chemical Resistance:** 60 hour exposure to specified chemicals: Betadine (10% Povidone-Iodine solution), Coffee, Cola, Dextrose (5% Glucose solution), Electrode Gel/Paste (98% water, 2% Carbopol 940), HCL (0.5% solution, pH=1), Isopropyl Alcohol, NaCl solution (0.9% solution), Cosmetic discoloration of the paddle well shorting bar shall be allowed following exposure to HCL (0.5% solution).

**POWER**

**Power Adapters:** AC or DC

Power Adapters provide operation and battery charging from external AC or DC power

– Full functionality with or without batteries when connected to external AC/DC

– Typical battery charge time while installed in LIFEPAK 15 device is 190 minutes

– Indicators: external power indicator, battery charging indicator

**Dual battery:** Capability with automatic switching

**Low battery indication and message:** Low battery fuel gauge indication and low battery message in status area for each battery

**Replace battery indication and message:** Replace battery fuel gauge indication, audio tones and replace battery message in the status area for each battery. When replace battery is indicated, device auto-switches to second battery. When both batteries reach replace battery condition, a voice prompt instructs user to replace battery.

**Battery Capacity:** For two, new fully-charged batteries, 20°C (68°F)

Operating Mode		Monitoring (minutes)	Pacing (minutes)	Defibrillation (360J discharges)
Total Capacity to Shutdown	Typical	360	340	420
	Minimum	340	320	400
Capacity After Low Battery	Typical	21	20	30
	Minimum	12	10	6

**BATTERY**

**Battery Specifications**

**Battery Type:** Lithium-Ion

**Weight:** 0.59 kg (1.3 lb)

**Voltage:** 11.1V typical

**Capacity (rated):** 5.7 amp hours

**Charge Time (with fully depleted battery):** 4 hours and 15 minutes (typical)

**Battery Indicators:** Each battery has a fuel gauge that indicates its approximate charge. A fuel gauge that shows two or fewer LEDs after a charge cycle indicates that the battery should be replaced.

**Charging Temperature Range:** 0° to 50°C (32° to 122°F)

**Operating Temperature Range:** 0° to 50°C (32° to 122°F)

**Short Term (<1 week) Storage Temperature Range:** -20° to 60°C (-4° to 140°F)

**Long Term (>1 week) Storage Temperature Range:** 20° to 25°C (68° to 77°F)

**Operating and Storage Humidity Range:** 5 to 95% relative humidity, non-condensing

## REFERENCES

1. Zuck M, Nicker DL, Heston L, et al. *Physio-Control: True. A randomized comparison of fixed lower versus ascending region energy levels for defibrillation in out-of-hospital cardiac arrest.* *Circulation.* 2007;115:1011-1017.
2. Wilkins DP, Litzinger B, Arora V, et al. *Standardized in-hospital cardiac arrest protocol and outcomes with performance monitoring.* *Arch Intern Med.* 2006;166:1083-1086.
3. Chalmers TM, Wu L, Kerner-Johnson J, et al. *Is CPR really changing? A prospective study of use of manual cardiac arrest resuscitation.* *Resuscitation.* 2007;78:289-296.
4. Prentice J, Selinger R, Chalmers R, et al. *Rescue in stressed life support: A risk for decreased patient outcomes.* *Resuscitation.* 2008;79:127-134.

\*All claims valid as of March 2011.

For further information please contact your local Physio-Control representative or visit our website at [www.physio-control.com](http://www.physio-control.com)



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**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.5  
APPOINTMENT TO DDA/BRA BOARDS  
RESOLUTION #2019-03-12-29**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** March 12, 2019

**ITEM: Appointment of Darren LaLonde to the Downtown Development Authority /Brownfield Redevelopment Authority, Resolution #2019-03-12-29**

**PRESENTERS:** Supervisor Heise

**BACKGROUND:** I would appreciate your consideration and support for the appointment of Mr. Darren LaLonde to the Downtown Development Authority /Brownfield Redevelopment Authority for a term ending January 31, 2023. He is filling the unexpired term of Mr. Dominic Roscini, who has left the DDA Distirct. Mr. LaLonde is a business owner located in the Authority, pursuant to State Law. His resume is attached.

**PROPOSED MOTION:** : I move to approve Resolution #2019-03-12-29, authorizing the appointment of Mr. Darren LaLonde to the Downtown Development Authority/Brownfield Redevelopment Authority for a term ending January 31, 2023.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

ROLL CALL:

\_\_\_Doroshewitz, \_\_\_Heise, \_\_\_Heitman, \_\_\_Vorva, \_\_\_Clinton, \_\_\_Curmi, \_\_\_Dempsey, \_\_\_

## **DARREN R. LALONDE**

49675 W. Seven Mile Rd.  
Northville, Michigan 48167  
Residence: (248) 347-3743

### **CAREER SUMMARY**

Commercial banking senior manager responsible for supporting commercial loan officers with extensive experience in business and real estate transactions consisting of commercial and residential construction, land development, conventional and section 42 tax credit lending. As a market president, I am heavily engaged in strategic planning with the executive team relative to acquisitions/mergers, marketing, and financial performance. My background also includes commercial mortgage brokering, consumer lending, equipment financing, dealer floorplans, receivable formula lines of credit and various letters of credit.

### **BUSINESS EXPERIENCE**

Monroe Bank & Trust, Plymouth, Michigan

**Senior Vice President-Market President/Commercial Lending  
Team Leader**

**September 2009 to Present**

My 30 years of commercial banking experience in southeastern Michigan has resulted in strong relationships through performance, honest communications and trusted advice. I have lived in Wayne County my entire life and therefore I have a great understanding of the southeastern Michigan market. My responsibilities as a Commercial Lending Team Leader includes motivating, supporting and advising a very impressive team of commercial lenders that serve Wayne, Oakland and Washtenaw counties. Internal responsibilities as a Market President are to assist the entire north region by delivering communications from our headquarters and working with related departments such as marketing, retail banking, operations, wealth management and consumer lending. External responsibilities are overall bank business development and to enhance the communities in which we serve through volunteerism and sponsorships.

NEW LIBERTY BANK, Plymouth, Michigan

**Vice President-Commercial Lender**

**September 2002 to 2009**

Responsible for generating commercial loan relationships and consumer loan business. Current portfolio consists of \$35 million in loan commitments. Manage the portfolio's commercial loans, construction loans and loan collections including but not limited to restructuring troubled debt with the assistance of outside counsel. Work closely with loan operations to insure accurate documentation and file maintenance. Develop deposit relationships and referrals for the bank's investment and insurance department. Assisted the bank in establishing a residential real estate mortgage relationship and generated residential loan applications. Designed, implemented and manage an elementary school banking program in Northville. Participate in business trade shows. Manage building operations and maintenance.

MICHIGAN HERITAGE BANK , Farmington Hills, Michigan

**Managing Director-Commercial Real Estate**

**May 2000 to August 2002**

Assisted the Senior Lender in establishing a commercial loan department for a de novo bank. Generated \$13 million in outstandings in the first year with fees exceeding \$100,000. Generated over \$1.3 million in commercial deposits. Trained the credit department and prepared loan documentation.

NORTHPOINT CAPITAL – MICHIGAN, Southfield, Michigan

**Commercial Mortgage Banking Officer  
Vice President**

**March 1999 to May 2000**

Engaged in the underwriting, closing and placement of large commercial mortgages with life insurance companies and Wall Street investment lenders located throughout the country. Business was developed through long-term relationships and networking.

GREAT LAKES NATIONAL BANK, Ann Arbor, Michigan (A wholly-owned subsidiary of TCF Financial, Minneapolis, Minnesota.)

**Commercial Lending Officer  
Vice President**

**February 1994 to March 1999**

Responsible for administering and servicing a \$78 million commercial loan portfolio. Participate in loan approval committee. Initiate new business opportunities through the development of new business contacts and maintenance of existing customer relationships. Maintain customer loan account documentation to ensure financial records are accurate. Monitor portfolio payment history to minimize delinquencies.

- Participated in the development of a new commercial loan department for a new Bank known as TCF Michigan and was responsible for closing \$4.0 in new outstandings in the first 11 months.
- In April 1995, due to an acquisition, was requested to assess and service a poorly managed \$95 million portfolio (100 accts.) primarily consisting of commercial real estate.
- During 1995, inspected each property located throughout Michigan and Indiana. Re-documented each credit file and restructured problem accounts. In addition, closed \$3.8 million in new outstandings and collected over \$120,000 in bank fee income.
- During 1996, obtained approvals for \$24.7 million of which closed \$9.7 million in new outstandings. Established approximately \$750,000 in dda accounts and generated \$180,000 in fee income.
- Year end 1997 closed \$20 million in new money, collected over \$200,000 in fee income and established \$450,000 average balance in dda accounts. Managed a delinquency level of 0% with 0% in charge-offs.

FIRST OF AMERICA BANK, S.E., Livonia, Michigan

**Commercial Lending Officer  
Assistant Vice President**

**June 1991 to February 1994**

- Serviced a diversified portfolio of approximately \$50 million.
- In 1993, closed \$8.5 million in new outstandings and collected \$80,000 in bank fee income.
- Managed a delinquency level of less than 1% with 0% in charge offs.
- Marketed products and services outside of the commercial loan department which resulted in over \$600,000 in trust relationships.
- Established over \$1.0 million in dda and interest bearing commercial accounts.

**Credit Analyst**

**February 1989 to June 1991**

- Analyzed various credit requests by working closely with loan officers.
- Prepared loan requests in report form to be reviewed by credit committees.
- Conducted audits on customers ranging from receivable audits to leasing and floorplan audits.
- Monitored receivable formula availability and advances.

#### **EDUCATION**

B.S. in Business Administration,  
Oakland University, Rochester, Michigan, 1988  
Stonier Graduate Banking School-University of Pennsylvania

#### **AFFILIATIONS**

Novi Youth Hockey Association Coach  
Farmington Hills Hockey Association Coach  
Northville Chamber of Commerce  
Plymouth Chamber of Commerce  
Northville Kiwanis charter member/past president and current secretary



**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.6  
2019 ANNUAL WATER AND SEWER  
FUND BUDGET  
RESOLUTION #2019-03-12-30**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** March 12, 2019

**ITEM:** FY 2019 Water and Sewer Fund Budget, Resolution #2019-03-12-30

**PRESENTER:** Cindy Kushner, Finance Director and Patrick Fellrath, W&S Director

**ACTION REQUESTED:** Approve

**ATTACHMENTS:** Proposed FY 2019 Budget Report  
Equipment and Major Repair & Maintenance Schedule

**PROPOSED MOTION:** I move to approve Resolution #2019-03-12-30 authorizing the 2019 Fiscal Year Budget for the Charter Township of Plymouth Water and Sewer Funds.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

ROLL CALL:

\_\_\_Heise, \_\_\_Heitman, \_\_\_Vorva, \_\_\_Clinton,, \_\_\_Curmi \_\_\_Dempsey, \_\_\_, Doroshewitz

**STATE OF MICHIGAN  
COUNTY OF WAYNE  
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION TO AUTHORIZE FISCAL YEAR 2019  
WATER AND SEWER FUND BUDGET  
RESOLUTION #2019-03-12-30**

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall, located at 9955 N Haggerty Road, Plymouth, Michigan, on March 12, 2019, at 7:00 p.m.

**WHEREAS**, The Board of Trustees of the Charter Township of Plymouth was presented with a proposed budget for Fiscal/Calendar Year 2019 for the Water and Sewer fund budget, and,

**WHEREAS**, the Board is satisfied that this proposed budget is acceptable, and,

**NOW THEREFORE BE IT RESOLVED**, that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2019-03-12-30, authorizing the Fiscal Year 2019 Water and Sewer Fund Budget as submitted.

Motion By: \_\_\_\_\_ Seconded By: \_\_\_\_\_

**Roll Call Vote:**

\_\_\_\_Heise, \_\_\_\_Heitman, \_\_\_\_Vorva, \_\_\_\_Clinton, \_\_\_\_Curmi, \_\_\_\_Dempsey, \_\_\_\_Doroshewitz

**Motion** \_\_\_\_\_

\_\_\_\_\_  
Jerry W Vorva, Clerk

March 13, 2019

Plymouth Township  
Water and Sewer  
2019 Budget

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPT REQUESTED BUDGET
<b>ESTIMATED REVENUES</b>							
<b>Dept 100 - OPERATING REVENUE</b>							
592-100-400.000	WATER SALES-GENERAL	4,760,248	5,131,672	5,184,680	4,892,786	4,892,786	5,087,611
592-100-405.000	WATER SALES-HYDRANT	852	0	1,000	0	0	1,000
592-100-408.000	WTUA SERVICE CHARGES	1,422,099	1,433,714	1,422,000	1,445,847	1,445,847	1,422,000
592-100-410.000	SEWER DISPOSAL SALES	6,901,112	7,023,537	7,341,000	6,741,018	6,741,018	7,122,655
592-100-412.000	IND WASTE CONTROL REVENUE	486,977	284,961	0	59,591	59,591	50,000
592-100-420.000	PENALTIES	107,989	219,664	113,400	278,267	278,267	160,000
592-100-422.000	TAP FEES	12,396	7,737	12,500	31,664	31,664	12,500
592-100-424.000	METER SALES	24,783	13,224	20,000	9,383	9,383	20,000
592-100-425.000	CROSS CONNECTION BILLINGS	0	61,750	50,000	42,810	42,810	50,000
592-100-426.000	INSPECTION FEES-PERMITS	6,032	4,661	5,000	8,809	8,809	5,000
592-100-428.000	HYDRANT RENTAL	800	2,631	1,000	1,200	1,200	1,000
592-100-430.000	REPAIR CHARGES	0	5,412	0	704	704	0
592-100-432.000	MISCELLANEOUS INCOME	21,558	56,320	15,000	45,354	45,354	25,000
592-100-434.000	SALE OF ASSETS	0	9,590	0	2,160	2,160	0
592-100-436.000	CONSTRUCTION WATER	10,665	9,282	10,000	8,835	8,835	10,000
592-100-437.000	DONATED WATER & SEWER LINES	0	166,520	0	0	0	0
592-100-438.000	BENEFIT CHARGE REVENUE	1,460,189	578,621	1,000,000	298,080	298,079	500,000
592-100-454.000	HEATING LICENSE	275	0	0	100	100	0
592-100-668.000	INTERGOVT SERVICES REVENUE	0	61,406	0	52,757	63,685	60,000
<b>Totals for dept 100 - OPERATING REVENUE</b>		<b>15,215,975</b>	<b>15,070,702</b>	<b>15,175,580</b>	<b>13,919,365</b>	<b>13,930,292</b>	<b>14,526,766</b>
<b>Dept 200 - NON-OPERATING REVENUE</b>							
592-200-432.000	MISCELLANEOUS INCOME	0	(15,020)	0	0	0	0
592-200-450.000	INTERGOVERNMENTAL SERVICE	79,523	62,630	87,000	66,001	87,000	87,000
592-200-460.011	SAW GRANT REVENUE	0	1,177,711	1,000,000	490,329	684,340	0
592-200-470.000	INTEREST INCOME	88,863	80,970	75,000	45,620	105,000	125,000
<b>Totals for dept 200 - NON-OPERATING REVENUE</b>		<b>168,386</b>	<b>1,306,291</b>	<b>1,162,000</b>	<b>601,950</b>	<b>876,340</b>	<b>212,000</b>
<b>TOTAL ESTIMATED REVENUES</b>		<b>15,384,361</b>	<b>16,376,993</b>	<b>16,337,580</b>	<b>14,521,315</b>	<b>14,806,632</b>	<b>14,738,766</b>

Plymouth Township  
Water and Sewer  
2019 Budget

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPT REQUESTED BUDGET
<b>APPROPRIATIONS</b>							
<b>Dept 172 - ADM/GENERAL EXPENSE</b>							
592-172-707.000	CLERICAL	106,275	112,280	108,000	138,219	138,219	144,130
592-172-708.000	PART TIME	35,851	40,756	31,500	25,845	25,845	25,524
592-172-709.000	OVERTIME	2,621	2,336	3,000	320	320	0
592-172-714.000	FRINGE BENEFITS	536	10,404	0	29,519	29,519	28,830
592-172-714.005	OTHER POST EMPLOYMENT BENEFITS	39,928	39,856	45,000	0	45,000	45,000
592-172-714.010	PENSION NON-REP	19,402	16,633	16,400	20,303	20,303	21,620
592-172-714.500	FRINGE BENEFITS - RETIREES	0	(635)	0	499	499	0
592-172-715.000	SOCIAL SECURITY	10,459	11,162	12,105	12,018	12,018	14,647
592-172-716.000	HOSPITALIZATION	257,325	190,269	32,471	2,358	0	0
592-172-716.500	FRINGE BENEFITS-RETIREES	0	48,356	0	1,871	0	0
592-172-720.000	WORKERS COMP/INSURANCE	15,099	16,902	16,000	15,637	15,637	16,000
592-172-727.000	OFFICE SUPPLIES	26,932	23,903	15,900	7,127	7,127	12,500
592-172-730.000	POSTAGE-GENERAL	27,515	31,907	33,500	162	162	33,000
592-172-758.000	UNIFORMS	7,390	8,061	9,000	8,239	8,239	8,000
592-172-776.000	MAINT- BLDG & GROUNDS	40,649	17,999	20,000	16,198	15,927	20,000
592-172-780.000	INVENTORY-METERS & PARTS	64,837	(203,304)	125,000	50,514	45,914	125,000
592-172-781.000	INVENTORY-SUPPLIES	364	0	0	0	0	0
592-172-808.000	INDEPENDENT AUDIT	32,155	17,640	25,000	18,000	18,000	18,400
592-172-814.000	BANK FEES	0	(66)	0	1,814	1,814	1,800
592-172-818.000	CONTRACTUAL SERVICES	87,672	29,403	16,500	9,029	9,029	16,500
592-172-818.100	CONTRACTUAL SVCS - LAB TESTING	0	158	17,500	4,657	3,537	10,000
592-172-820.000	CONSULTING ENGINEER	0	7,640	83,500	9,200	8,240	100,000
592-172-830.000	LEGAL SERVICES/WATER SEWER	16,082	4,941	10,000	1,614	1,614	10,000
592-172-853.000	TELEPHONE	10,137	6,069	10,000	3,284	3,284	3,400
592-172-861.000	EXPENSE ALLOWANCE	4,218	2,475	2,000	0	0	4,000
592-172-889.000	ADVERTISING WATER/SEWER	0	175	4,000	46	46	4,000
592-172-921.000	UTILITIES	48,149	44,244	50,000	45,209	45,000	46,300
592-172-958.000	MEMBERSHIP/DUES	14,169	11,498	17,000	12,547	12,329	17,000
592-172-960.000	EDUCATION/TRAINING	0	2,300	10,000	3,000	1,915	10,000
592-172-963.000	MISCELLANEOUS EXPENSE	7,468	22,647	5,000	17	0	5,000
592-172-973.010	COMPUTER SERVICES	0	9,177	10,000	7,009	10,000	35,000
592-172-973.030	STORMWATER GRANT-PERMIT	0	2,961	47,492	24,611	28,445	25,000
592-172-973.080	SAW GRANT EXPENSES	22,154	1,192,589	1,100,000	895,903	900,000	0
592-172-978.000	EQUIPMENT PURCHASE	0	9,674	98,075	31,265	31,265	73,000
592-172-978.500	EQUIPMENT LEASE PAYMENTS	0	0	0	470	470	0
592-172-998.000	BOND HANDLING FEES	215	215	0	0	0	0
<b>Totals for dept 172 - ADM/GENERAL EXPENSE</b>		<b>897,602</b>	<b>1,730,625</b>	<b>1,973,943</b>	<b>1,396,504</b>	<b>1,439,717</b>	<b>873,651</b>

Plymouth Township  
Water and Sewer  
2019 Budget

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPT REQUESTED BUDGET
<b>Dept 291 - TRANSMISSION AND DISTR.</b>							
592-291-705.000	SUPERVISORY	214,268	262,926	220,855	228,451	228,451	173,907
592-291-706.000	NON-SUPERVISORY	389,268	423,216	408,000	444,301	444,301	422,885
592-291-708.000	PART TIME	39,738	30,443	56,000	27,919	27,919	50,500
592-291-709.000	OVERTIME	58,958	39,976	65,000	40,175	40,175	45,000
592-291-714.000	FRINGE BENEFITS	0	0	141,000	162,617	155,794	159,717
592-291-714.010	PENSION NON-REP	24,881	17,573	33,000	31,564	31,564	25,276
592-291-714.040	PENSION DPW	59,155	70,954	60,000	64,280	64,280	62,023
592-291-714.500	FRINGE BENEFITS - RETIREES	0	(4,482)	64,875	31,473	36,529	49,877
592-291-715.000	SOCIAL SECURITY	48,321	55,290	57,000	53,808	53,808	52,960
592-291-785.000	MAINTENANCE OF EQUIPMENT	10,104	3,628	0	0	0	0
592-291-804.000	CROSS CONNECTION CONTROL	19,793	21,348	25,000	21,628	21,628	25,000
592-291-805.000	TELETYPE	772	1,233	0	734	734	0
592-291-851.000	EQUIPMENT MNT/REPAIRS	12,508	17,767	25,000	20,757	20,539	25,000
592-291-853.000	TELEPHONE	0	5,021	0	11,454	11,454	12,000
592-291-863.000	AUTO EXPENSE/LEASE	28,393	30,280	55,000	37,142	32,776	55,000
592-291-932.000	MAINTENANCE OF MAINS	52,975	98,711	100,000	55,826	55,826	100,000
592-291-933.000	MAINTENANCE OF METERS	475	0	0	0	0	0
592-291-934.000	MAINTENANCE OF HYDRANTS	13,535	11,618	15,000	22,334	22,334	22,500
592-291-935.000	MAINTENANCE OF SERVICE	23,744	26,687	40,000	29,410	29,410	40,000
592-291-936.000	MAINTENANCE OF REGULATORS	1,132	0	0	0	0	0
592-291-938.000	CLEANING & FLUSHING	1,440	21,491	178,000	94,878	94,878	27,500
592-291-973.033	STORMWATER INSPECT & CLEANING	0	92	24,500	6,024	6,024	80,000
592-291-973.090	MANHOLE ADJ PROGRAM	0	64,418	134,000	219,670	219,670	20,000
Totals for dept 291 - TRANSMISSION AND DISTR.		999,460	1,198,190	1,702,230	1,604,445	1,598,094	1,449,145
<b>Dept 441 - COST OF SALES</b>							
592-441-741.000	WATER PURCHASED	4,211,421	4,255,868	4,281,792	4,297,753	4,281,792	4,523,095
592-441-742.000	SEWAGE DISPOSAL	3,451,069	2,963,128	3,116,359	2,347,930	2,347,929	2,705,000
592-441-743.000	INDUSTRIAL WASTE CONTROL	291,231	197,675	60,000	55,195	55,195	55,000
Totals for dept 441 - COST OF SALES		7,953,721	7,416,671	7,458,151	6,700,878	6,684,916	7,283,095
<b>Dept 442 - INTERGOVERNMENTAL</b>							
592-442-942.000	INTERGOVERNMENTAL SERVICE	718,206	723,053	720,000	540,000	720,000	720,000
Totals for dept 442 - INTERGOVERNMENTAL		718,206	723,053	720,000	540,000	720,000	720,000
<b>Dept 443 - SOURCE OF SUPPLY</b>							
592-443-937.000	PUMP PITS MAINTENANCE	11,190	13,836	31,500	30,928	30,635	31,500
592-443-939.000	TANK MAINTENANCE	1,229	7,495	10,500	4,281	1,325	10,000
Totals for dept 443 - SOURCE OF SUPPLY		12,419	21,331	42,000	35,209	31,960	41,500

Plymouth Township  
Water and Sewer  
2019 Budget

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPT REQUESTED BUDGET
<b>Dept 444 - POWER AND PUMPING</b>							
592-444-745.000	ELECTRICITY	1,711	1,472	2,000	1,558	1,558	2,000
<b>Totals for dept 444 - POWER AND PUMPING</b>		1,711	1,472	2,000	1,558	1,558	2,000
<b>Dept 968 - DEPRECIATION&amp;AMORTIZATION</b>							
592-968-968.000	DEPRECIATION	1,284,555	1,359,408	1,000,000	0	1,000,000	927,000
592-968-969.000	CHANGE IN INVESTMENT-WTUA	1,356,680	1,304,617	1,646,857	0	1,646,857	1,646,857
<b>Totals for dept 968 - DEPRECIATION&amp;AMORTIZATION</b>		2,641,235	2,664,025	2,646,857	0	2,646,857	2,573,857
<b>Dept 995 - DEBT SERVICE</b>							
592-995-995.000	DEBT SERVICE	90,174	45,373	220,000	0	0	0
592-995-995.500	DEBT SERVICE-INTEREST	0	0	0	59,368	56,674	55,587
<b>Totals for dept 995 - DEBT SERVICE</b>		90,174	45,373	220,000	59,368	56,674	55,587
<b>TOTAL APPROPRIATIONS</b>		13,314,528	13,800,740	14,765,181	10,337,962	13,179,776	12,998,835
<b>NET OF REVENUES/APPROPRIATIONS - FUND 592</b>		2,069,833	2,576,253	1,572,399	4,183,353	1,626,856	1,739,931
<b>NET POSITION- BEGINNING OF YEAR</b>		52,355,113	54,424,946	57,001,199	57,001,199	57,001,199	58,628,055
<b>NET POSITION - END OF YEAR</b>		\$ 54,424,946	\$ 57,001,199	\$ 58,573,598	\$ 61,184,552	\$ 58,628,055	\$ 60,367,986

Plymouth Township  
Water Sewer Fund  
Equipment and Major Repairs and Maintenance  
2019 Budget

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Department	Account	Description	Amount		Total
			Requested	Denied	
Water & Sewer	592-172-978.000	Dump Truck	150,000.00	(150,000.00)	-
		SCADA Server	13,000.00	-	13,000.00
		Cathodic Corrosion Protection	30,000.00	-	30,000.00
		LED Lights DPW Building	10,000.00	-	10,000.00
		Vactor Truck -Sewer Cleaning Jet Device	20,000.00	-	20,000.00
			223,000.00	(150,000.00)	73,000.00
	TOTAL EQUIPMENT & MAJOR REPAIR EXPENDITURES	223,000.00	(150,000.00)	73,000.00	



**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.7  
2019 ANNUAL DOWNTOWN  
DEVELOPMENT AUTHORITY (DDA)  
BUDGET  
RESOLUTION #2019-03-12-31**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** March 12, 2019

**ITEM: FY 2019 Downtown Development Authority (DDA) Budget, Resolution #2019-03-12-31**

**PRESENTER:** Cindy Kushner, Finance Director and Supervisor Heise

**ACTION REQUESTED:** Approve

**ATTACHMENTS:** Proposed FY 2019 Downtown Development Authority Fund Budget

**PROPOSED MOTION:** I move to approve Resolution #2019-03-12-31 authorizing the 2019 Fiscal Year Budget for the Downtown Development Authority (DDA) Fund.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

ROLL CALL:

\_\_\_Heitman, \_\_\_Vorva, \_\_\_Clinton,, \_\_\_Curmi \_\_\_Dempsey, \_\_\_, Doroshewitz, \_\_\_Heise

**STATE OF MICHIGAN  
COUNTY OF WAYNE  
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION TO AUTHORIZE FISCAL YEAR 2019  
DOWNTOWN DEVELOPMENT AUTHORITY (DDA) BUDGET  
RESOLUTION #2019-03-12-31**

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall, located at 9955 N Haggerty Road, Plymouth, Michigan, on March 12, 2019, at 7:00 p.m.

**WHEREAS**, The Board of Trustees of the Charter Township of Plymouth was presented with a proposed budget for Fiscal/Calendar Year 2019 for the Downtown Development Authority (DDA) Fund Budget, and,

**WHEREAS**, the Board is satisfied that this proposed budget is acceptable, and,

**NOW THEREFORE BE IT RESOLVED**, that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2019-03-12-31, authorizing the Fiscal Year 2019 Downtown Development Authority (DDA) Fund Budget as submitted.

Motion By: \_\_\_\_\_ Seconded By: \_\_\_\_\_

**Roll Call Vote:**

\_\_\_\_Heise,\_\_\_\_Heitman,\_\_\_\_Vorva,\_\_\_\_Clinton,\_\_\_\_Curmi,\_\_\_\_Dempsey,\_\_\_\_Doroshewitz

**Motion** \_\_\_\_\_

\_\_\_\_\_  
Jerry W Vorva, Clerk

March 13, 2019

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 DB: Plymouth Townsh

BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH  
 Fund: 248 DOWNTOWN DEVELOPMENT AUTHORITY

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Calculations as of 12/31/2018

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPARTMENT REQUE BUDGET
ESTIMATED REVENUES							
Dept 248 - DOWNTOWN DEVEL AUTHORITY							
248-248-404.000	TAX CAPTURE REVENUE	280,873	420,968	300,000	304,732	304,732	340,000
248-248-441.000	LOCAL COMMUNITY STABILIZATION SHA	117,165	92,403	92,000	99,894	99,895	112,000
248-248-664.000	INTEREST INCOME	132	908	790	8,363	8,000	11,250
248-248-698.000	MISCELLANEOUS INCOME	48	0	0	430	430	0
Totals for dept 248 - DOWNTOWN DEVEL AUTHORITY		398,218	514,279	392,790	413,419	413,057	463,250
TOTAL ESTIMATED REVENUES		398,218	514,279	392,790	413,419	413,057	463,250

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH  
 Fund: 248 DOWNTOWN DEVELOPMENT AUTHORITY

Calculations as of 12/31/2018

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPARTMENT REQUE BUDGET
APPROPRIATIONS							
Dept 248 - DOWNTOWN DEVEL AUTHORITY							
248-248-776.000	MAINT- BLDG & GROUNDS	125,638	83,621	100,000	84,349	88,000	99,000
248-248-818.000	CONTRACTUAL SERVICES	23,545	22,271	40,000	27,703	28,000	38,000
248-248-823.000	ANN ARBOR RD IMPROVEMENTS	18,279	6,350	5,000	0	0	0
248-248-921.000	UTILITIES	0	0	20,000	18,366	20,000	19,000
248-248-942.000	INTERGOVERNMENTAL SERVICE	0	0	21,000	13,781	20,668	22,465
248-248-963.000	MISCELLANEOUS EXPENSE	0	0	0	179	180	0
248-248-978.000	EQUIPMENT PURCHASE	0	0	1,000	0	0	0
Totals for dept 248 - DOWNTOWN DEVEL AUTHORITY		167,462	112,242	187,000	144,378	156,848	178,465
TOTAL APPROPRIATIONS		167,462	112,242	187,000	144,378	156,848	178,465
NET OF REVENUES/APPROPRIATIONS - FUND 248		230,756	402,037	205,790	269,041	256,209	284,785
BEGINNING FUND BALANCE		34,520	266,089	668,127	668,127	668,127	924,336
FUND BALANCE ADJUSTMENTS		812	0	0	0	0	0
ENDING FUND BALANCE		266,088	668,126	873,917	937,168	924,336	1,209,121

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**NEW BUSINESS**

**ITEM F.8  
2019 ANNUAL BROWNFIELD  
REDEVELOPMENT AUTHORITY (BRA)  
BUDGET  
RESOLUTION #2019-03-12-32**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** March 12, 2019

**ITEM:** FY 2019 Budget, Resolution #2019-03-12-32

**PRESENTER:** Cindy Kushner, Finance Director and Supervisor Heise

**ACTION REQUESTED:** Approve

**ATTACHMENTS:** Proposed FY 2019 Brownfield Redevelopment Authority Fund Budget

**PROPOSED MOTION:** I move to approve Resolution #2019-03-12-32 authorizing the 2019 Fiscal Year Budget for the Brownfield Redevelopment Authority (BRA) Fund.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

ROLL CALL:

\_\_\_Heise, \_\_\_Heitman, \_\_\_Vorva, \_\_\_Clinton,, \_\_\_Curmi \_\_\_Dempsey, \_\_\_, Doroshewitz

**STATE OF MICHIGAN  
COUNTY OF WAYNE  
CHARTER TOWNSHIP OF PLYMOUTH**

**RESOLUTION TO AUTHORIZE FISCAL YEAR 2019  
BROWNFIELD REDEVELOPMENT AUTHORITY (BRA) BUDGET  
RESOLUTION #2019-03-12-32**

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall, located at 9955 N Haggerty Road, Plymouth, Michigan, on March 12, 2019, at 7:00 p.m.

**WHEREAS**, The Board of Trustees of the Charter Township of Plymouth was presented with a proposed budget for Fiscal/Calendar Year 2019 for the Brownfield Redevelopment Authority (BRA) Fund Budget, and,

**WHEREAS**, the Board is satisfied that this proposed budget is acceptable, and,

**NOW THEREFORE BE IT RESOLVED**, that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2019-03-12-32, authorizing the Fiscal Year 2019 Brownfield Redevelopment Authority (BRA) Fund Budget as submitted.

Motion By: \_\_\_\_\_ Seconded By: \_\_\_\_\_

**Roll Call Vote:**

\_\_\_\_Heise,\_\_\_\_Heitman,\_\_\_\_Vorva,\_\_\_\_Clinton,\_\_\_\_Curmi,\_\_\_\_Dempsey,\_\_\_\_Doroshewitz

**Motion** \_\_\_\_\_

\_\_\_\_\_  
Jerry W Vorva, Clerk

March 13, 2019

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 User: ckushner  
 DB: Plymouth Townsh

BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH  
 Fund: 243 BROWNFIELD REDEVELOPMENT AUTHORITY

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Calculations as of 12/31/2018

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPARTMENT REQUE BUDGET
ESTIMATED REVENUES							
Dept 243 - BROWNFIELD REDVEL AUTHOR							
243-243-404.000	TAX CAPTURE REVENUE	18,273	22,362	22,400	20,884	20,884	22,500
243-243-664.000	INTEREST INCOME	3,187	3,216	3,200	16,157	15,000	20,500
Totals for dept 243 - BROWNFIELD REDVEL AUTHOR		21,460	25,578	25,600	37,041	35,884	43,000
TOTAL ESTIMATED REVENUES		21,460	25,578	25,600	37,041	35,884	43,000

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH  
 Fund: 243 BROWNFIELD REDEVELOPMENT AUTHORITY

Calculations as of 12/31/2018

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 ACTIVITY THRU 12/31/18	2018 PROJECTED ACTIVITY	2019 DEPARTMENT REQUE BUDGET
APPROPRIATIONS							
Dept 243 - BROWNFIELD REDVEL AUTHOR							
243-243-814.000	BANK FEES	0	0	0	20	20	20
243-243-817.000	FINANCIAL CONSULTANT	965	950	1,000	960	960	1,000
243-243-822.000	ENVIRONMENTAL REMEDIATION	10,640	22,362	20,500	7,768	20,500	22,500
Totals for dept 243 - BROWNFIELD REDVEL AUTHOR		11,605	23,312	21,500	8,748	21,480	23,520
TOTAL APPROPRIATIONS		11,605	23,312	21,500	8,748	21,480	23,520
NET OF REVENUES/APPROPRIATIONS - FUND 243		9,855	2,266	4,100	28,293	14,404	19,480
BEGINNING FUND BALANCE		1,582,422	1,592,277	1,594,543	1,594,543	1,594,543	1,608,947
ENDING FUND BALANCE		1,592,277	1,594,543	1,598,643	1,622,836	1,608,947	1,628,427



**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**ITEM G  
SUPERVISOR AND TRUSTEE  
COMMENTS**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**ITEM H  
PUBLIC COMMENTS AND QUESTIONS  
(Limited to 3 Minutes)**

**CHARTER TOWNSHIP OF PLYMOUTH  
BOARD OF TRUSTEES  
REGULAR MEETING  
MARCH 12, 2019**

**ITEM I  
ADJOURNMENT**