

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

Tuesday, July 25, 2023
7:00 PM



CALL TO ORDER AT _____ P.M.

A. ROLL CALL: Kurt Heise_____, Bob Doroshewitz _____, Jerry Vorva _____,
Jen Buckley_____, Chuck Curmi_____, Audrey Monaghan_____,
John Stewart_____

B. PLEDGE OF ALLEGIANCE

C. APPROVAL OF AGENDA

Tuesday, July 25, 2023

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes

a. Regular Meeting, July 11, 2023

D.2 Consent Agenda – New Business

a. Second Reading of Resolution Repealing Township Emergency Management Ordinance, **Resolution # 2023-07-25-54**, Supervisor Kurt Heise, Fire Chief Patrick Conely, and Township Attorney Kevin Bennett

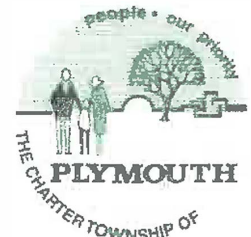
D.3 Consent Agenda - Acceptance of Communications, Correspondence, and Reports

a. Correspondence:

- Memo Requesting Ordinance Concerning Western Townships Utilities Authority (WTUA)

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES REGULAR MEETING

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7:00 PM



D.4 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	499,093.59	186,404.23	685,497.82
Drug Forfeiture Federal	262	.00	.00	.00
Drug Forfeiture State	265	.00	2,575.00	2,575.00
Drug Forfeiture IRS	266	.00	919.98	919.98
ARPA	285	.00	00	00
Improv. Rev.	446	.00	.00	.00
Senior Transportation	588	3,186.19	161.44	3,347.63
Water/Sewer Fund	592	202,170.97	428,985.85	631,156.82
Solid Waste Fund	596	3,069.78	115,872.98	118,942.76
Tax Pool	703	.00	00	00
Police Bond Fund	710	500.00	.00	500.00
Special Assessment Capital	805	.00	1,246.00	1,246.00
TOTALS:		708,020.53	736,165.48	1,444,186.01

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E. PUBLIC COMMENT (*Limited to 3 Minutes*)

F. NEW BUSINESS

1. Text Amendment to Zoning Ordinance No. 99 for the Establishment of Solar Energy Systems (SES), **Resolution # 2023-07-25-55**, *Laura Haw, Township Planner*
2. FY2023 Budget Adjustments and FY2022 carry-forwards, **Resolution # 2023-07-35-56**, *Deputy Finance Director Carole Rochon*
3. 2023/24 Water and Sewer Rates, **Resolution # 2023-07-25-57**, *Township Treasurer Bob Doroshewitz and Public Services Director Patrick Fellrath*

G. PUBLIC COMMENT (*Limited to 3 Minutes*)

H. BOARD COMMENTS

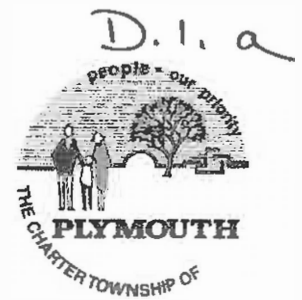
I. ADJOURNMENT

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: 1-800649-3777 (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
PROPOSED MINUTES**

Tuesday, July 11, 2023
7:00 PM



CALL TO ORDER AT 7:00 P.M.

A. ROLL CALL: Kurt Heise ✓, Bob Doroshewitz ✓, Jerry Vorva ✓,
Jen Buckley ✓ Chuck Curmi ✓, Audrey Monaghan ✓, John
Stewart ✓

ALSO PRESENT: Police Chief J. Knittel
Fire Chief P. Conely
Attorney K. Bennett
Engineer J. Schrot
Recording Secretary Denisa Terrell
Recording Secretary Laura Simpson

B. PLEDGE OF ALLEGIANCE: John Stewart

C. APPROVAL OF AGENDA

Tuesday, July 11, 2023

Moved by Clerk Vorva and supported by Trustee Monaghan to approve the
Agenda for the Board of Trustees meeting of July 11, 2023.
All Ayes.

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes

a. Regular Meeting, June 13, 2023

Moved by Clerk Vorva and supported by Trustee Buckley to approve the Minutes
for the Board of Trustees meeting of June 13, 2023.
All Ayes.

Moved by Clerk Vorva and supported by Trustee Buckley to approve the Minutes for the
Board of Trustees meeting of June 13, 2023.
All Ayes.

CHARTER TOWNSHIP OF PLYMOUTH
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D.2 Consent Agenda – New Business

- a. Approval of DTE Underground Easement No. 66707454 at 9955 N. Haggerty Road for EV Chargers, **Resolution # 2023-07-11-50**,
Jeremy Schrot, Township Engineer and Nani Wolf, Township Planner

D.3 Consent Agenda - Acceptance of Communications, Correspondence, and Reports

- b. Correspondence:
- James Harless, PhD, CHMM, MITC Brownfield Consultant
- c. Reports:
- Building Department Monthly Report - June 2023
 - Fire Department Monthly Report - June 2023
 - Planning Department Monthly Report - June 2023
 - Police Department Monthly Report - June 2023
 - FOIA Monthly Report - Clerk's Office - June 2023
 - FOIA Monthly Report - Police Department - June 2023

D.4 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	670,214.68	456,833.92	1,127,048.60
Drug Forfeiture Federal	262	.00	.00	.00
Drug Forfeiture State	265	.00	.00	.00
Drug Forfeiture IRS	266	.00	.00	.00

CHARTER TOWNSHIP OF PLYMOUTH
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PROPOSED MINUTES
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 7:00 PM



ARPA	285	.00	646,563.85	646,563.85
Improv. Rev.	446	.00	.00	.00
Senior Transportation	588	4,172.80	858.36	5,031.16
Water/Sewer Fund	592	47,855.27	23,296.19	71,151.46
Solid Waste Fund	596	3,850.31	24,626.20	28,476.51
Tax Pool	703	5,992.38	.00	5,992.38
Police Bond Fund	710	.00	.00	.00
Special Assessment Capital	805	.00	.00	.00
TOTALS:		732,085.44	1,152,178.52	1,884,263.96

Moved by Clerk Vorva and supported by Trustee Buckley to approve the Consent Agenda for the Board of Trustees meeting of July 11, 2023.

All Ayes.

Trustee Curmi requested the removal of June 27, 2023, minutes, from the Consent Agenda to address when abstentions should apply when approving minutes. It was agreed when a Trustee is absent an abstention shall apply.

Approval of Regular Meeting, June 27, 2023

Moved by Clerk Vorva and supported by Trustee Buckley to approve the Minutes for the Board of Trustees meeting of June 27, 2023.

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All Ayes of those Present.

Treasurer Doroshewitz Excused Absence-Abstained

Trustee Monaghan Excused Absence-Abstained

E. PUBLIC COMMENT *(Limited to 3 Minutes)*

- Dale Bernhardt, Janet Wilson, Bill Pine, David Mashni, Dorcas Smith, Marianne Adams, Eileen Coleman, Howard Hamerink, Andy McDowell, Jessie Swan, Linda Auwers, Lily Swan, Luanne Smulsky, Margaret Bechter, Ron Hogue, Dennis Picard, Walt Coleman, Ray Lalli, Anton Von Will, Andrew Miller, Bill Smulsky Judy Garbarino Willard, Chuck Hamilton, Dr. Alice Rainville, Judy Hart, David Hart, Joan Cummins, Shirley Peters, Jim Woods all expressed concern over the prospect of the Racetrack at 5 Mile and Ridge.
- Jeff Lee was in favor of the Racetrack.

F. NEW BUSINESS

1. EGLE Grant and Loan Acceptance Brownfield Plan Amendment for the Hillside Overlook Apartments (the Courthouse Grille Site – 41661 Plymouth Road,
Resolution # 2023-07-11-51, Supervisor Kurt Heise

Anne Jamison represents the development team and EGLE for the Reimbursement Agreement with the State of Michigan. She is working to obtain the Gap financing to remediate the property (Brownfield Site). The grant of \$525,000 was awarded in conjunction with the \$1 million loan from the State. The property must be remediated prior to the development of the property.

Moved by Trustee Stewart Supported by Treasurer Doroshewitz to adopt **Resolution #2023-07-11-51** approving the EGLE Grant and Loan Acceptance Brownfield Plan Amendment for the Hillside Overlook Apartments (the Courthouse Grille Site, 41661 Plymouth Road) authorizing approval of the Michigan International Technology Center Redevelopment Authority (MITC) Base Brownfield Plan Amendment No. 3.

Roll Call Vote

AYES: Trustee Stewart, Supervisor Heise, Clerk Vorva, Treasurer Doroshewitz, Trustee Buckley

NAYS: Trustee Curmi, Trustee Monaghan

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Motion Passed.

2. Wine Merchants Market, Inc., New Class C Liquor License, **Resolution # 2023-07-11-52**, *Clerk Jerry Vorva*

Al Jonna, owner, and representative of the Picnic Basket has been in business in Plymouth since 1988. He would like to add a small bar and café in front of the store. The area will be 500 sq ft and serve 20-30 people. The license would allow customers to wine taste with food pairing, increasing store sales, as his customers learned more about wines.

Trustee Curmi inquired what hours will the wine tasting take place. The response was the tasting will be throughout the day. Mr. Jonna advised the hours will remain the same closing at 9:00 p.m.

Move by Treasurer Doroshewitz, Supported by Trustee Monaghan to adopt **Resolution #2023-07-11-52** authorizing the Township Clerk to sign the MCLL application for a Class C Liquor License for Wine Merchants Market, Inc (Picnic Basket) and authorize the Township Clerk to execute the same.

Roll Call Vote

AYES: All

Motion Passed

3. First Reading of Resolution Repealing Township Emergency Management Ordinance, **Resolution # 2023-07-11-53**, *Supervisor Kurt Heise, Fire Chief Patrick Conely, and Township Attorney Kevin Bennett*

Fire Chief Conely spoke. Plan to renew our Emergency Management Agreement with the county next month, which we had been under for a decade. The plan will repeal an old Township Emergency Management Ordinance from 2006, that the Township no longer follows.

Move by Trustee Stewart, Supported by Trustee Monaghan to approve **Resolution #2023-07-11-53**, First Reading of an Ordinance repealing the Township Emergency Management Ordinance, Sections 35.01 to 35.13 of the Code of Ordinances.

Roll Call Vote

AYES: All

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Motion Passed

G. PUBLIC COMMENT (*Limited to 3 Minutes*)

- Walt Coleman – Western Township Utilities Association bond has been paid but he wanted clarification on why there was a wait to close it out.

Supervisor Heise stated he needed to make sure that the Township was not obligated to do anything else.

- Andrew Miller – Asked what contamination was at the Courthouse Grille that it was a Brownfield site.

Supervisor Heise stated that it was his understanding that there was contaminated fill at the site.

H. BOARD COMMENTS

- Trustee Buckley has interviewed 9 applications for the newly formed Veterans Commission. She also asked for a return to civility, as she was harassed upon leaving the meeting to go to her car 2 weeks ago.
- Trustee Stewart was pleased to say that 5 Plymouth Twp Police Officers showed up to walk in the July 4th Parade and had an Honor Guard. Paid honor to Kristin McKinley, Lt Col, and Wade Meyers, who made the 61-mile Filmont Hike with 8 scouts. Trustee Stewart was honored with the invite to celebrate Judge James Garber's 90th Birthday.
- Treasurer Doroshewitz stated that taxes are coming in, and because of the interest rate improvement, there were significant returns on the investments being seen on behalf of the Township. He also stated that politeness is really appreciated rather than insults.
- Clerk Vorva discussed hosting the quarterly meeting with the other Wayne County Clerks on July 12th at Phoenix Mill. He indicated the topics that will be discussed will include the new early voting passed by voters, and how the State plans to direct the municipalities. Clerk Vorva also thanked the members of the community for attending the Board of Trustees public meetings.
- Supervisor Heise shared that pensions are now 75% funded and OPEB is currently at 29% which is a significant increase from 4 years ago which was at zero. He indicated the accomplishment honors the obligation of the Township to first responders. He also shared that the Board always complies with the Open

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Meetings Act by publishing the Board of Trustees agenda online by the Friday before the meeting. He shared that there have been approximately 9 hours of public comments on the racetrack. The racetrack has also been before the Planning Commission twice and passed, and then went on to the Board of Trustees and passed the initial review. He would like individuals to reach out by email with questions or any issues. He indicated he responds within 24-48 hours. We have received \$10 million from the State of Michigan toward the rebuild of 5 Mile Road between Beck and Napier as part of the MITC redevelopment zone. This area was previously an ugly prison site, DeHoco and the Robert Scott prison on the Northville side. Thankfully, it was not turned into a regional jail. He was able to get money from the State to get it torn down and the money from the state for the road will go far to building and strengthening 5 Mile Rd. Supervisor Heise thanked State Senator Bayer, State Rep Morgan, and State Rep Koleszar for championing funding and those from Wayne County who helped lobby for the funding as the County owns 5 Mile Road and is ultimately responsible for it. He also thanked the State of Michigan for the funds. The Recreation Master Plan has surveys out and the public meeting is scheduled for Tuesday, July 18, 2023, the City of Plymouth. Salem Township would like a wastewater treatment facility on the western border of Plymouth Township. The Township is fighting the application. The next Board of Trustees meeting will; take place on July 25, 2023. The agenda will include budget adjustments, the solar ordinance adoption, water and sewer rates, and the 2nd reading of the Emergency Management Repeal.

I. ADJOURNMENT

Moved by Trustee Stewart and Supported by Trustee Monaghan to adjourn the regular meeting of the Board of Trustees on July 11, 2023, at 9:38 p.m.

All Ayes

Jerry Vorva, Clerk

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

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BOARD OF TRUSTEES REGULAR MEETING
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7:00 PM



Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800649-3777 (Michigan Relay Services)

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Charter Township of Plymouth**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 25, 2023

ITEM: Second Reading of Resolution #2023-07-25-54 Repealing Township Emergency Management Ordinance

PRESENTERS: Supervisor Heise

BACKGROUND: This is the Second Reading of the Ordinance repealing the Township Emergency Management Ordinance as outlined at our last meeting.

PROPOSED MOTION: I move to approve Resolution #2023-07-25-54, the Second Reading of an Ordinance repealing the Township Emergency Management Ordinance, Sections 35.01 to 35.13 of the Code of Ordinances.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi, ___ Buckley, ___Monaghan, ___Doroshewitz, ___Stewart, ___Heise

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

REPEAL OF EMERGENCY MANAGEMENT ORDINANCE

ORDINANCE NO. _____

AN ORDINANCE AMENDING THE CHARTER TOWNSHIP OF PLYMOUTH CODE OF ORDINANCES OF BY REPEALING THE EMERGENCY MANAGEMENT ORDINANCE, SECTIONS 35.01 THROUGH 35.13 INCLUSIVE, OF THE CHARTER TOWNSHIP OF PLYMOUTH THE CODE OF ORDINANCES; PROVIDING FOR SEVERABILITY; PROVIDING FOR REPEAL; PROVIDING FOR PUBLICATION AND EFFECTIVE DATE.

THE CHARTER TOWNSHIP OF PLYMOUTH ORDAINS:

SECTION 1. REPEAL OF THE ORDINANCE.

That the Emergency Management Ordinance, Sections 35.01 through 35.13 inclusive of the Charter Township of Plymouth Code of Ordinances, be and is hereby repealed.

SECTION 2. SEVERABILITY.

If any clause, sentence, section, paragraph or part of this Ordinance, or the application thereof to any person, firm, corporation, legal entity or circumstances, shall be for any reason adjudged by a court of competent jurisdiction to be unconstitutional or invalid, said judgment shall not affect, impair or invalidate the remainder of this Ordinance. It is hereby declared to the legislative intent of this body that the Ordinance is severable, and that the Ordinance would have been adopted had such invalid or unconstitutional provision not have been included in this Ordinance.

SECTION 3. REPEAL.

All Ordinance or parts of Ordinances in conflict herewith are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

SECTION 4. SAVINGS CLAUSE.

The repeal herein shall not abrogate or affect any offense or act committed or done, or any penalty or forfeiture incurred, or any pending litigation or prosecution of any right established or occurring prior to the effective date of this Ordinance, as amended.

SECTION 5. PUBLICATION.

The Clerk for the Charter Township of Plymouth shall cause this Ordinance to be published in the manner required by law.

SECTION 6. EFFECTIVE DATE.

This Ordinance shall take full force and effect upon publication as required by law.

CERTIFICATION

The foregoing Ordinance was repealed by the Township Board Trustees of the Charter Township of Plymouth at its regular meeting called and held on the 25th day of July, 2023, and was ordered to be given publication in the manner required by law.

Jerry Vorva, Clerk

Introduced: _____
Adopted: _____
Published: _____
Effective: _____

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

**RESOLUTION FOR SECOND READING OF REPEAL OF THE EMERGENCY
MANAGEMENT ORDINANCE**

RESOLUTION NUMBER 2023-07-25-54

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 July 25, 2023 at 7:00 p.m., the following resolution was offered:

WHEREAS, MCL 42.15 provides that a charter township may enact such ordinances as may be deemed necessary to provide for the public peace and health and for the safety of persons and property therein; and,

WHEREAS, the Board of Trustees of the Charter Township of Plymouth has determined that the public health, safety and general welfare is best served by repealing the current Emergency Management Ordinance, Sections 35.01 through 35.13, inclusive, of the Charter Township of Plymouth Code of Ordinances; and

WHEREAS, the repeal of the Emergency Management Ordinance will enable the Township Board to adopt the by resolution the Wayne County emergency management program; and

WHEREAS, MCL 42.20 provides that an ordinance shall not be finally passed by the township board at the same meeting at which it is introduced, meaning that enacting an ordinance requires readings at two different Board meetings;

NOW, THEREFORE, BE IT RESOLVED THAT the Charter Township of Plymouth Board of Trustees does the second reading of Amendment _____ to Ordinance No. 1016

Present: [Buckley, Curmi, Doroshewitz, Heise, Monaghan, Stewart, Vorva]

Moved by:

Supported by:

Roll Call Vote

Ayes:

Nays:

Adopted: Regular Meeting of the Board of Trustees on _____

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.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution: 2023-07-25-54



CHARTER TOWNSHIP OF PLYMOUTH
Office of the Supervisor

MEMORANDUM

To: Township Attorney Kevin Bennett
From: Supervisor Kurt Heise

Date: July 12, 2023

RE: Request for Ordinance Concerning Western Townships Utilities Authority (WTUA)

The Western Townships Utilities Authority (WTUA) was created by Plymouth, Northville, and Canton Townships in the 1980's with a goal of providing sewer transportation and treatment services for the three communities. WTUA was paid for by ratepayers of the three townships over that time. Some 35 years later, WTUA formally removed itself from the Wayne County and Detroit sewer systems, saving ratepayers millions of dollars.

Today, WTUA's facilities, pipes, pumps, and infrastructure is valued at \$225,524,092; this does not include annual budgeted Operation and Maintenance (O&M) costs of \$10 million, all of which is paid by the ratepayers of the three townships. WTUA is a valuable public asset – we own it, we maintain it, and we pay for it.

Against this backdrop, it is well-known that the developers of the so-called "Salem Springs" project (comprised of 3,000 homes, businesses, and retail) have long sought to add their sewerage service in Salem Township to the WTUA system. Other communities, or portions of communities, may similarly wish to be serviced by WTUA in the future to avoid the higher costs associated with the County and DWSD (e.g., Plymouth City, Northville City, Novi).

Pursuant to the WTUA Bylaws (Article VIII-Meetings, Section 3), the only way a new member community can be serviced by WTUA (assuming such entry is technologically feasible) is by a unanimous vote of the three members of the WTUA Board of Directors – the Township Supervisors for Plymouth, Canton, and Northville. While this arrangement may have been suitable in the 1980's when WTUA was in its infancy, having three people make significant decisions on a quarter-billion-dollar public asset runs contrary to public policy, transparency, and accountability in the 2020's and beyond.

With this in mind, I would like to work with you to develop a Plymouth Township Ordinance that would do the following: That if another community, or a public or private entity outside of the WTUA member communities seeks to enter the WTUA system, the following procedure would be mandated by Ordinance in the Charter Township of Plymouth:

1. That a formal, written application be made to the Township.
2. That following receipt of such request, a 60-day public comment period be initiated by the Township.
3. That following the public comment period a formal Public Hearing be held at a regularly-scheduled meeting of the Township Board.
4. That at this meeting or subsequent meeting, the Board of Trustees, *by unanimous vote*, shall direct the Supervisor to accept or reject the application at the relevant WTUA Board meeting when the application would be considered.

To reiterate, WTUA is a \$225.5 million public asset. Adding a new community or entity into this system is a significant public concern and can no longer be allowed to rest in solely in the hands of three elected officials. The residents of Plymouth Township - indeed all the communities – should be aware of and have an opportunity to be heard. We need to bring transparency and sunshine to such a critical decision, especially where health and safety of our citizens is involved – not to mention environmental protection and fiscal responsibility.

I'm not saying we should never allow a new community into the system, but now that WTUA is essentially 'paid for' and fully independent, the time is right for this prudent action. I can cite numerous other examples of where public notice and comment is required for planning, zoning, brownfield redevelopment and other areas of public interest, taxation, or investment; WTUA deserves to be treated to a much higher standard of transparency than currently exists.

If I could see a draft in the next 45 days, I would appreciate it. I am happy to assist as needed.

BOARD DATE

7/25/2023

D.4

FUND NAME	FUND NUMBER	TOTAL INC PAYROLL	PAYROLL & INVOICES PAID PRIOR TO MEETING	INVOICES PAID AFTER BOARD REVIEW
GENERAL FUND	101	685,497.82	499,093.59	186,404.23
DRUG FORFEITURE	262	-	-	-
DRUG FORFEITURE	265	2,575.00	-	2,575.00
DRUG FORFEITURE	266	919.98	-	919.98
ARPA	285	-	-	-
IMPROV. REV.	446	-	-	-
TRANSPORATION	588	3,347.63	3,186.19	161.44
WATER & SEWER	592	631,156.82	202,170.97	428,985.85
SWD	596	118,942.76	3,069.78	115,872.98
TAX POOL	703	-	-	-
POLICE BOND FUND	710	500.00	500.00	-
SPECIAL ASSESS CAPITAL	805	1,246.00	-	1,246.00
	TOTAL	1,444,186.01	708,020.53	736,165.48

GRAND TOTAL 1,444,186.01

Charter Township of Plymouth
AP Invoice Listing - Board Report

P. Bonds 7/19/23

VENDOR INFORMATION

INVOICE INFORMATION

35TH DISTRICT COURT		Invoice Amount:		\$500.00
BOND RECEIPT 07/12/2023		Check Date:		07/20/2023
710-000-265.000	BOND RECEIPT NUMBER 011764		500.00	
Total Amount to be Disbursed:				\$500.00

Charter Township of Plymouth AP Invoice Listing - Board Report

Weekly Page: 7/19/23

VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL

MERS-457 PLAN - ALL EMPLOYEES 7-14-23 PAYD

101-000-239.000

457 CONT. PRE-TAX

101-000-239.000

457 CONT. ROTH POST-TAX

101-000-239.000

LOANS

Invoice Amount:

\$24,418.69

Check Date:

07/19/2023

22,255.77

1,408.74

754.18

ALERUS FINANCIAL

MERS-DC FT EMPLOYEE CONTRIBUTIONS 7/14/

101-000-238.000

MERS EMPLOYEE PRE TAX

101-000-238.000

MERS EMPLOYEE POST TAX

101-000-238.000

LOANS

Invoice Amount:

\$9,589.49

Check Date:

07/19/2023

8,412.43

608.29

568.77

ALERUS FINANCIAL

MERS - DC FT EMPL. -- EMPLOYER CONT -7/14/2

101-171-716.000

SUPERVISOR

101-191-716.000

FINANCE

101-215-716.000

CLERK

101-228-716.000

INFORMATION SYSTEMS

101-253-716.000

TREASURER

101-265-716.000

BUILDING & GROUNDS

101-301-716.000

POLICE

101-325-716.000

DISPATCH

101-336-716.000

FIRE

101-351-716.000

LOCK UP

101-371-716.000

BUILDING DEPT

588-596-716.000

TRANSPORTATION

592-536-716.000

PUBLIC SERVICES

592-537-716.000

PUBLIC WORKS

596-528-716.000

RUBBISH

Invoice Amount:

\$30,091.97

Check Date:

07/19/2023

1,153.85

405.60

1,512.95

625.04

1,437.91

267.08

7,012.77

2,277.84

8,527.58

326.25

1,940.07

260.89

936.56

3,040.15

367.43

ADP INC

637278465-- ADP-JUNE 2023 ACTIVITY - (DE

101-261-831.000

637278465 -- ADP-JUNE 2023

Invoice Amount:

\$4,482.71

Check Date:

07/19/2023

4,482.71

BENNETT & DEMOPOULOS, PLLC

BD Bond Refund

101-371-283.015

BLE23-0014

Invoice Amount:

\$590.63

Check Date:

07/19/2023

590.63

BENNETT & DEMOPOULOS, PLLC

BD Bond Refund

101-371-283.015

BLE22-0011

Invoice Amount:

\$582.58

Check Date:

07/19/2023

582.58

BENNETT & DEMOPOULOS, PLLC

BD Bond Refund

101-371-283.014

BPE22-0012

Invoice Amount:

\$139.30

Check Date:

07/19/2023

139.30

BENNETT & DEMOPOULOS, PLLC

BD Bond Refund

101-371-283.014

BPE22-0012

Invoice Amount:

\$39.38

Check Date:

07/19/2023

39.38

BENNETT & DEMOPOULOS, PLLC

BD Bond Refund

101-371-283.015

BLE23-0014

Invoice Amount:

\$590.63

Check Date:

07/19/2023

590.63

BENNETT & DEMOPOULOS, PLLC

BD Bond Refund

101-371-283.015

BLE23-0018

Invoice Amount:

\$26.25

Check Date:

07/19/2023

26.25

**Charter Township of Plymouth
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VENDOR INFORMATION

INVOICE INFORMATION

BENNETT & DEMOPOULOS, PLLC			Invoice Amount:	\$13.13
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.016	BE21-0029		13.13
BENNETT & DEMOPOULOS, PLLC			Invoice Amount:	\$1,194.38
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.015	BLE23-0018		1,194.38
BLUE CROSS/BLUE SHIELD OF MICHIGAN			Invoice Amount:	\$2,354.53
BCBS - HEALTH CARE FOR RETIREE RANDY KRUE			Check Date:	07/19/2023
	592-537-875.000	AUGUST 2023-RANDY KRUEGER		2,354.53
BLUE CROSS/BLUE SHIELD OF MICHIGAN			Invoice Amount:	\$981.06
AUGUST 2023 SHANNON RICHARDSON COVERAG			Check Date:	07/19/2023
	101-325-718.000	SHANNON RICHARDSON COVERAGE 8/23		981.06
C.O.A.M. - PLYMOUTH TOWNSHIP			Invoice Amount:	\$406.00
COAM UNION DUES -JULY 2023 (DETAILS ATTAC			Check Date:	07/19/2023
	101-000-240.305	MICHAEL FRITZ		81.20
	101-000-240.305	JASON HAYES		81.20
	101-000-240.305	MARC HOFFMAN		81.20
	101-000-240.305	BRYAN RUPARD		81.20
	101-000-240.305	SCOTT TIDERINGTON		81.20
Carlisle Wortman Associates			Invoice Amount:	\$450.00
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.019	BPRE23-0060 - PB23-0477		450.00
Carlisle Wortman Associates			Invoice Amount:	\$360.00
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.019	BPRE23-0059 - PB23-0463		360.00
Carlisle Wortman Associates			Invoice Amount:	\$300.00
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.001	BP23-0232 - PB23-0340		300.00
Carlisle Wortman Associates			Invoice Amount:	\$570.00
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.019	BPRE23-0056 - PB23-0451		570.00
Carlisle Wortman Associates			Invoice Amount:	\$870.00
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.019	BPRE23-0055 - PB23-0453		870.00
Carlisle Wortman Associates			Invoice Amount:	\$390.00
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.019	BPRE23-0057 - PB23-0458		390.00
Carlisle Wortman Associates			Invoice Amount:	\$360.00
BD Bond Refund			Check Date:	07/19/2023
	101-371-283.019	BPRE23-0061 - PB23-0516		360.00
COMCAST			Invoice Amount:	\$166.80
INV #176543639 -INTERNET - JULY 2023-- ACC			Check Date:	07/19/2023
	101-751-852.000	TOWNSHIP PARK		64.95
	101-351-852.000	VIDEO ARRAIGNMENT		101.85

Charter Township of Plymouth

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CONSUMERS ENERGY		Invoice Amount:	\$149.32
MONTHLY CHGS - JUNE 2023 (2) -- DPW- (2 INV		Check Date:	07/19/2023
592-537-921.000	DPW-ACCT. # 1000-2645-6283		128.76
592-537-921.000	DPW - ACCT. # 1000-2645-6408		20.56
CONSUMERS ENERGY		Invoice Amount:	\$162.30
MONTHLY CHARGES - JULY 2023 (DETAILS BELO		Check Date:	07/19/2023
101-673-921.000	FRIENDSHIP STATION - 1000 257103478		21.45
588-596-921.000	SENIOR TRANS 1000 2571-3478		1.37
101-751-921.000	TWP. PARK 1000 257103262		19.79
101-336-921.000	FIRE STATION #2 - 1000 2571-3403		119.69
DTE ENERGY		Invoice Amount:	\$6,405.65
ACCT # 9100-4060-6121 (REGULAR) STREET LIG		Check Date:	07/19/2023
101-441-923.000	MUN. STREET LIGHTS 6/23 -(REG)		6,405.65
MCKENNA ASSOCIATES INC		Invoice Amount:	\$302.50
BD Bond Refund		Check Date:	07/19/2023
101-371-283.014	BPE23-0014		302.50
P.O.A.M. - PLYMOUTH TOWNSHIP		Invoice Amount:	\$2,405.78
POAM & DISPATCH UNION DUES -JULY 2023 (2 S		Check Date:	07/19/2023
101-000-240.301	POAM UNION DUES		1,796.40
101-000-240.325	DISPATCH UNION DUES		609.38
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$303.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE22-0041		303.00
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$432.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE20-0004		432.00
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$732.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE20-0014		732.00
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$10,449.50
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE22-0045		10,449.50
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$9,567.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE23-0050		9,567.00
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$6,211.25
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE22-0036		6,211.25
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$3,843.50
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE22-0042		3,843.50
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$6,076.50
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE22-0046		6,076.50

Charter Township of Plymouth

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TEAMSTER LOCAL # 214		Invoice Amount:	\$367.00
TEAMSTER LOCAL #214 DUES - JULY 2023 (DET		Check Date:	07/19/2023
101-000-240.592	BUMP		52.00
101-000-240.592	CHAMPAGNE		47.00
101-000-240.592	MELOW		70.00
101-000-240.592	OVERAITIS		68.00
101-000-240.592	PUMPHREY		62.00
101-000-240.592	SCHOLTEN		68.00
TECHNICAL, PROFESSIONAL AND OFFICE-		Invoice Amount:	\$558.00
TPOAM UNION DUES - JULY 2023 (DETAILS ATT		Check Date:	07/19/2023
101-000-240.000	TPOAM UNION DUES JULY 2023		558.00
SIMPLIFILE, LC		Invoice Amount:	\$51.25
BD Bond Refund		Check Date:	07/19/2023
101-371-283.016	BE23-0056		51.25
SIMPLIFILE, LC		Invoice Amount:	\$36.25
BD Bond Refund		Check Date:	07/19/2023
101-371-283.018	BBD23-0088		36.25
VERIZON WIRELESS		Invoice Amount:	\$40.33
JULY 2023 WIRELESS MI DEAL ACCT # 98688782		Check Date:	07/19/2023
101-301-850.000	CORRECTION TO PD JULY 2023-ROCHON		40.33
WESTERN TWNSPS UTILITIES AUTHORITY		Invoice Amount:	\$160,545.75
WTUA - JUNE 2023 (SEE ATTACHED DETAILED B		Check Date:	07/19/2023
592-538-828.000	Monthly Charges		155,109.58
592-538-827.000	* YUCA IPP-IWC		4,697.42
592-537-757.000	Country Acres Pump Station		738.75
WOW! BUSINESS		Invoice Amount:	\$24.22
ACCT. # 012296705 - WOW -- JULY 2023 (BREA		Check Date:	07/19/2023
101-673-852.000	SENIOR UTIL		22.77
588-596-852.000	SENIOR TRANS		1.45
Pulte Family Management SJ LLC		Invoice Amount:	\$34,218.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.011	BLS22-0007		34,218.00
Robertson Margate LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.001	BP22-0160 - PB22-0460		1,500.00
Robertson Margate LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.001	BP22-0164 - PB22-0512		1,500.00
EVERGREEN DEVELOPMENT LLC		Invoice Amount:	\$28.75
BD Bond Refund		Check Date:	07/19/2023
101-371-283.018	BBD23-0088		28.75
RAM Construction Services		Invoice Amount:	\$700.00
BD Bond Refund		Check Date:	07/19/2023
101-371-283.005	BBD22-0068 - PSW22-0042		700.00

Charter Township of Plymouth

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Robertson Margate LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.001 BP22-0141 - PB22-0131		1,500.00
Robertson Margate LLC		Invoice Amount:	\$5,000.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.010 BTCO23-0047 - PB22-0131		5,000.00
Robertson Margate LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.001 BP22-0147 - PB22-0226		1,500.00
Robertson Margate LLC		Invoice Amount:	\$5,000.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.010 BTCO23-0049 - PB22-0226		5,000.00
Robertson Margate LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.001 BP22-0149 - PB22-0228		1,500.00
Robertson Margate LLC		Invoice Amount:	\$5,000.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.010 BTCO23-0053 - PB22-0228		5,000.00
Robertson Margate LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.001 BP22-0155 - PB22-0350		1,500.00
Robertson Margate LLC		Invoice Amount:	\$5,000.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.010 BTCO23-0052 - PB22-0350		5,000.00
C&M - The Woods LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/19/2023
	101-371-283.001 BP22-0177 - PB22-0650		1,500.00
Total Amount to be Disbursed:			\$353,077.38

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VENDOR INFORMATION

INVOICE INFORMATION

Advanced Satellite Communications		Invoice Amount:	\$2,445.00
INV. 50636 6/20/2023 CCTV SERVICE AGREEMENT 101-301-801.000		Check Date:	07/25/2023
			2,445.00
AIRGAS USA, LLC		Invoice Amount:	\$555.75
INV# 5500249970 6/1/23 TO 6/30/23 CYLINDER 101-336-773.000		Check Date:	07/25/2023
			392.34
101-336-773.000			76.50
101-336-773.000			86.91
AMAZON CAPITAL SERVICES, INC.		Invoice Amount:	\$234.92
INV. 1WNG-VPYD-6D46 7/5/2023 WEAPON CLEANING 101-301-757.000		Check Date:	07/25/2023
			234.92
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$381.95
INV. 92788 6/14/2023 UNIFORM EQUIPMENT/PS 101-325-767.000		Check Date:	07/25/2023
			269.97
101-325-767.000			99.98
101-325-767.000			12.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$84.99
INV. 92959 6/28/2023 UNIFORM EQUIPMENT/PS 101-325-767.000		Check Date:	07/25/2023
			84.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$102.98
INV. 92976 6/29/2023 UNIFORM EQUIPMENT/PS 101-325-767.000		Check Date:	07/25/2023
			49.99
101-325-767.000			52.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$145.97
INV. 92977 6/29/2023 UNIFORM EQUIPMENT/OF 101-301-767.000		Check Date:	07/25/2023
			45.99
101-301-767.000			99.98
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$152.98
INV. 93081 7/6/2023 UNIFORM EQUIPMENT/OFF 101-301-767.000		Check Date:	07/25/2023
			57.99
101-301-767.000			64.99
101-301-767.000			30.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$49.99
INV. 92790 6/14/2023 UNIFORM EQUIPMENT/PS 101-325-767.000		Check Date:	07/25/2023
			49.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$99.98
INV. 92781 6/14/2023 UNIFORM EQUIPMENT/CH 101-301-767.000		Check Date:	07/25/2023
			99.98
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$239.96
INV. 92773 6/14/2023 UNIFORM EQUIPMENT/PS 101-325-767.000		Check Date:	07/25/2023
			52.99
101-325-767.000			49.99
101-325-767.000			39.99
101-325-767.000			12.00
101-325-767.000			84.99

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$212.97
INV# 92767 UNIFORM T-SHIRT ,POLO SHIRT/ PA		Check Date:	07/25/2023
101-336-767.000	INV# 92767 UNIFORM T-SHIRT		60.00
101-336-767.000	UNIFORM POLO SHIRT		152.97
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$45.00
INV# 92771 UNIFORM T-SHIRT/ PANCOAST		Check Date:	07/25/2023
101-336-767.000	INV# 92771 UNIFORM T-SHIRT		45.00
ALPHAGRAPHICS #336		Invoice Amount:	\$85.00
GENERAL POLICE DEPT. BUSINESS CARDS (TWO		Check Date:	07/25/2023
101-301-752.000	NEW PATCH/BRIGHT WHITE 80#		85.00
ALPHAGRAPHICS #336		Invoice Amount:	\$63.00
COMMUNICATIONS SUPERVISOR CYNTHIA FELL		Check Date:	07/25/2023
101-325-752.000	NEW PATCH/BRIGHT WHITE 80# (SEE SAMPLE		63.00
AutoZone, Inc.		Invoice Amount:	\$6.59
INV# 4382846115 STP ALL PUR 14OZ		Check Date:	07/25/2023
101-336-757.000	INV# 4382846115 STP ALL PUR 14OZ		6.59
AutoZone, Inc.		Invoice Amount:	\$70.48
INV. 4382843579 6/25/2023 VEHICLE SUPPLIES		Check Date:	07/25/2023
101-301-863.000	5050 PRESTONE		25.98
101-301-863.000	WINDSHIELD FLUID		44.50
Axon Enterprise, Inc.		Invoice Amount:	\$990.00
INV. INUS164840 6/15/2023 TASER INSTRUCTO		Check Date:	07/25/2023
101-301-958.000	OFFICERS SMITHERMAN & MCPARLAND		990.00
Axon Enterprise, Inc.		Invoice Amount:	\$3,996.80
INV. INUS168678 7/1/2023 TASER EQUIPMENT		Check Date:	07/25/2023
101-301-779.000	2021 T7 CERT ADD-ONS (SHARED HANDLES) 2		3,996.80
B S & A SOFTWARE		Invoice Amount:	\$824.00
INV.#148910 SERVICE FEE FOR ONLINE (4/6/20		Check Date:	07/25/2023
101-371-831.000	INV.#148910 FOR ONLINE SERVICE		824.00
BASIC Benefits LLC		Invoice Amount:	\$293.55
IN# 2715676 FEES AND QTLY FEE FOR SEC.125		Check Date:	07/25/2023
101-228-801.000	INFO SYSTEMS		15.45
101-265-801.000	TWP HALL		15.45
101-301-801.000	POLICE		154.50
101-325-801.000	DISPATCH		15.45
101-336-801.000	FIRE		46.35
592-536-801.000	DPS -		15.45
592-537-801.000	DPW -		15.45
101-253-801.000	TREASURY		15.45
BATTERIES PLUS BULBS		Invoice Amount:	\$124.70
INV # P64119396 BATTERIES FOR APC BATTER		Check Date:	07/25/2023
101-336-757.000	INV # P64119396 BATTERIES FOR APC		124.70
BATTERIES PLUS BULBS		Invoice Amount:	\$17.25
INV. P64060515 7/14/2023 RECYCLE BATTERIES		Check Date:	07/25/2023
101-301-757.000	RECYCLE SERVICE		17.25

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

BATTERIES PLUS BULBS		Invoice Amount:	\$97.28
INV # P64069867 BATTERIES FOR THE STATIO		Check Date:	07/25/2023
101-336-757.000	INV # P64069867 BATTERIES		97.28
BATTERIES PLUS BULBS		Invoice Amount:	\$22.21
INV # P63858583 6PK 3V 123 PHOTO LITHIUM		Check Date:	07/25/2023
101-336-757.000	INV # P63858583 PHOTO LITHIUM		22.21
BENNETT & DEMOPOULOS, PLLC		Invoice Amount:	\$9,441.37
LEGAL SERVICES - BILLING FOR 6/23 SERVICES		Check Date:	07/25/2023
101-261-807.000	ORDINANCE PROSECUTIONS		5,066.25
101-701-806.000	COMMUNITY DEVELOPMENT (MINUS ESCROW)		1,824.37
101-261-806.000	ADMINISTRATION		2,546.25
101-261-806.000	MISCELLANEOUS		4.50
BLACKWELL FORD INC.		Invoice Amount:	\$64.21
INV. 406833 6/23/2023 VEHICLE REPAIR/A1964		Check Date:	07/25/2023
101-301-863.000	CABIN AIR FILTER		64.21
BLACKWELL FORD INC.		Invoice Amount:	\$315.25
INV. 407116 7/7/2023 VEHICLE REPAIR/C86701		Check Date:	07/25/2023
101-301-863.000	RECHARGE A/C		315.25
BLACKWELL FORD INC.		Invoice Amount:	\$789.57
INV. 406250 6/30/2023 VEHICLE REPAIR/A1964		Check Date:	07/25/2023
101-301-863.000	REPAIR NOISE UNDER BODY SHIELDS		789.57
BLACKWELL FORD INC.		Invoice Amount:	\$27.24
INV. 407721 7/17/2023 VEHICLE REPAIR/C9980		Check Date:	07/25/2023
101-301-863.000	REPAIR TIRE		27.24
CMP DISTRIBUTORS, INC.		Invoice Amount:	\$1,963.00
INV. 76836 7/1/2023 SIMUNITION TRAINING R		Check Date:	07/25/2023
101-301-778.000	SIMUNITION 9MM FX MARKING CARTRIDGE-R		954.00
101-301-778.000	SIMUNITION 9MM FX MARKING CARTRIDGE-B		954.00
101-301-778.000	SHIPPING AND HANDLING		55.00
CDW GOVERNMENT INC		Invoice Amount:	\$418.48
MICROSOFT OFFICE PRO PLUS LICENSE - ASSESS		Check Date:	07/25/2023
101-257-831.000	MS OFFICE PRO PLUS LICENSE - 79P-05855		418.48
CDW GOVERNMENT INC		Invoice Amount:	\$183.83
SECURE CRT LICENSE 3YR - QUOTE NKZJ835		Check Date:	07/25/2023
101-228-752.000	SECURECRT LICENSE 3YR - 1 USER		183.83
CDW GOVERNMENT INC		Invoice Amount:	\$3,960.38
MICROSOFT SQL SW ASSURANCE RENEWAL - GS		Check Date:	07/25/2023
101-261-831.000	MS SQL SERVER STNDRD SA 228-04529-3		470.78
101-261-831.000	MS SQL SERVER USER CAL SA 359-01014-3		3,489.60
CINTAS CORPORATION - 300		Invoice Amount:	\$263.16
INV. 4161665028 7/14/2023 MAT SERVICE FOR P		Check Date:	07/25/2023
101-301-822.000	POLICE DEPARTMENT		159.66
101-265-822.000	TOWNSHIP HALL		103.50
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$385.00
INV.#2261 THE GROTTO ST JOHNS SPRINKLER P		Check Date:	07/25/2023

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	101-371-801.000	INV#2261 FIRE SPRINKLER PLAN REVIEW	385.00
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$780.00
INV.#2262 WAREHOUSE FIRE SPRINKLER PLAN		Check Date:	07/25/2023
101-371-801.000	INV#2262 FIRE ALARM REVIEW		780.00
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$880.00
INV.#2263 BURROUGH FIRE ALARM REPLACEME		Check Date:	07/25/2023
101-371-801.000	INV#2263 FIRE ALARM UPGRADE REVIEW		880.00
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$385.00
INV.#2245 5-MILE BUILDING FIRE ALARM UPGR		Check Date:	07/25/2023
101-371-801.000	INV#2245 FIRE ALARM UPGRADE REVIEW		385.00
CORRIGAN OIL COMPANY		Invoice Amount:	\$1,965.23
#7841227 7/6/23 - GAS 87-ETHANOL - DYDLS		Check Date:	07/25/2023
592-537-759.000	Fuel Tax Recap		11.58
592-537-759.000	Environmental Fee		9.95
592-537-759.000	GE87 GAS-ETHANOL		1,673.04
592-537-759.000	DYDLSMIX		270.66
Corporate Benefit Solutions, LLC		Invoice Amount:	\$400.00
INVOICE # 4056- JULY 2023 PREMIUM FOR BEN		Check Date:	07/25/2023
101-171-801.000	#4056 - 7/23 BENXPRESS		400.00
CRIMBOLI LANDSCAPING, INC.		Invoice Amount:	\$8,000.00
DTE GRANT - TREE PLANTING - LAKE POINTE PA		Check Date:	07/25/2023
101-261-801.000	DTE GRANT TREES - LAKE POINTE		5,500.00
101-261-801.000	INSTALLATION 07/10/23		2,500.00
Dell Financial Services, LLC		Invoice Amount:	\$1,011.98
INV # 2696153- DELL SERVICES - LEASE # 810-6		Check Date:	07/25/2023
266-312-940.000	PD - STATE FORFEITURE		828.00
266-312-940.000	PD - STATE FORFEITURE		91.98
101-325-940.000	DISPATCH		92.00
Dell Financial Services, LLC		Invoice Amount:	\$1,514.84
INV # 2696014 - DELL SERVICES - LEASE # 810-		Check Date:	07/25/2023
101-253-940.000	TREASURY		336.64
101-191-940.000	ACCOUNTING		168.32
101-371-940.000	BUILDING DEPT		84.16
101-265-940.000	TWP HALL AND GROUNDS		84.16
101-215-940.000	CLERK		336.64
101-262-940.000	ELECTIONS		168.32
101-228-940.000	INFO SYSTEMS		168.32
101-171-940.000	SUPERVISOR'S OFFICE		84.16
101-171-940.000	SUPERVISOR'S OFFICE (RNDG)		84.12
Dell Financial Services, LLC		Invoice Amount:	\$169.40
INV # 2695918 - ACCT # ..014 -- CORRECTIONS/		Check Date:	07/25/2023
101-351-940.000	INV # 2695918 - CORRECTIONS/JAIL		169.40
Dell Financial Services, LLC		Invoice Amount:	\$1,937.22
# 2699808-- DELL - LEASE # 001-6755980-12 -		Check Date:	07/25/2023
101-336-940.000	FIRE DEPT. COMPUTERS		807.10
588-596-940.000	SENIOR TRANS COMPUTERS		161.44
592-536-940.000	PUBLIC SERVICES COMPUTERS		322.92
592-537-940.000	PUBLIC WORKS COMPUTERS		645.76

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

DE WOLF & ASSOCIATES		Invoice Amount:	\$595.00
INV. 2171 4/29/2023 FIRST LINE SUPERVISION T		Check Date:	07/25/2023
101-301-958.000	OFFICER HINKLE 6/21/2023		595.00
EctoHR, Inc.		Invoice Amount:	\$11,013.74
INV. # 14017 - ECTOHR - JUNE 2023 SERVICES		Check Date:	07/25/2023
101-171-805.000	14017- JUNE 2023 SERVICES		11,013.74
ENGINEERING REPRODUCTION		Invoice Amount:	\$51.30
TWP PAVILION PLANS #139587 STRMWTR PERM		Check Date:	07/25/2023
592-540-899.000	TWP PAVILION PLANS #139587		51.30
ETNA SUPPLY		Invoice Amount:	\$4,488.00
S105174910.002 COPPER FOR TAPS.		Check Date:	07/25/2023
592-537-757.000	1X100 COPPER SOFT COIL		4,488.00
ETNA SUPPLY		Invoice Amount:	\$880.00
PARTS FOR TAPS		Check Date:	07/25/2023
592-537-757.000	C04-44-Q-NL COUPLING		880.00
FEDEX		Invoice Amount:	\$53.48
INV. 8-175-72460 6/28/2023 PACKAGE SHIPPED		Check Date:	07/25/2023
101-301-851.000	RMA CENTER/SARAH DRIELTS		53.48
FEDEX		Invoice Amount:	\$66.60
INV. 8-162-13828 6/14/2023 PACKAGE SHIPPED		Check Date:	07/25/2023
101-301-851.000	RMA CENTER/SARAH DRIELTS		47.57
101-301-851.000	RETURN WRONG HOLSTERS TO BUSHNELL		19.03
FELLRATH, PATRICK		Invoice Amount:	\$119.21
MILEAGE REIMBURSEMENT JUNE 23		Check Date:	07/25/2023
592-537-861.000	MILEAGE REIMBURSEMENT JUNE 23		119.21
FIRING LINE		Invoice Amount:	\$800.00
INV. 2439 6/8/2023 DUTY AMMUNITION		Check Date:	07/25/2023
101-301-778.000	1000 RD CASE SPEER GOLD DOT 9MM		800.00
FOX HILLS CHRYSLER JEEP		Invoice Amount:	\$15.75
INV. CHCS102781 6/20/2023 VEHICLE MAINTENA		Check Date:	07/25/2023
101-301-863.000	PLUGGED TIRE		15.75
GFL Environmental USA, Inc.		Invoice Amount:	\$182.00
#0061607884 DPW RECYCLE CENTER 06/19/23		Check Date:	07/25/2023
596-528-816.000	CARDBOARD/PAPER - DUMPSTER PULL 06/19/		182.00
GFL Environmental USA, Inc.		Invoice Amount:	\$914.49
#0061814814 TWP FACILITIES - JUN 2023		Check Date:	07/25/2023
101-265-824.000	TWP HALL - TRASH/RECYCLE		220.83
592-537-824.000	DPW - TRASH		86.60
101-336-824.000	FIRE STATION 2		38.97
101-336-824.000	FIRE STATION 3		38.97
101-673-824.000	FRIENDSHIP STATION		38.97
101-751-824.000	HILL TOP GOLF COURSE - TRASH/RECYCLE		182.72
101-751-824.000	TOWNSHIP PARK - TRASH/RECYCLE		307.43

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GFL Environmental USA, Inc.		Invoice Amount:	\$111,365.25
#61809119 GFL RESIDENTIAL COLLECTION FEE		Check Date:	07/25/2023
596-528-815.000	CURBSIDE COLLECTION TRASH		62,167.75
596-528-815.000	CURBSIDE COLLECTION RECYCLING		35,780.00
596-528-815.000	CURBSIDE COLLECTION YARD WASTE		13,417.50
GFL Environmental USA, Inc.		Invoice Amount:	\$3,732.80
#1661574-6/23 GFL YARD WASTE DISPOSAL FEE		Check Date:	07/25/2023
596-528-815.000	151.74 TONS @ 24.60/TON - JUN 2023		3,732.80
GFL Environmental USA, Inc.		Invoice Amount:	\$407.00
#0061868422 DPW RECYCLE CENTER		Check Date:	07/25/2023
596-528-816.000	CARDBOARD/PAPER - DUMPSTER PULL 07/03/		182.00
596-528-816.000	PLASTICS/TIN - DUMPSTER PULL 07/06/23		225.00
GFL Invironmental USA, Inc.		Invoice Amount:	\$77.25
UX0000125012 COMPOST - DPW SITE		Check Date:	07/25/2023
596-528-893.000	COMPOST - 06/09/23		66.08
596-528-893.000	FUEL SURCHARGE		4.63
596-528-893.000	COMPLIANCE CHARGE		6.54
GFL Invironmental USA, Inc.		Invoice Amount:	\$92.47
UX0000125213 COMPOST - DPW SITE		Check Date:	07/25/2023
596-528-893.000	COMPOST - 06/23/23		79.10
596-528-893.000	FUEL SURCHARGE		5.54
596-528-893.000	COMPLIANCE CHARGE		7.83
GARRETT AUTO AND TRUCK SVC		Invoice Amount:	\$657.38
#50579 7/5/23 #404		Check Date:	07/25/2023
592-537-863.000	SERVICE, PARTS, LABOR		657.38
Great Lakes Ace Hardware		Invoice Amount:	\$5.31
INV # 9270/87 - METAL ROD FOR TORO WORKM		Check Date:	07/25/2023
101-751-757.000	INV # 9270/87 - METAL ROD FOR TORO WORK		5.31
Great Lakes Ace Hardware		Invoice Amount:	\$13.29
INV# 9268/87 UNIVERSAL REMOTE CONTROL /		Check Date:	07/25/2023
101-336-757.000	INV# 9268/87 REMOTE CONTROL		13.29
Great Lakes Ace Hardware		Invoice Amount:	\$83.56
INV# 9234/87 SUPPLIES,WELDABLE SHEET, NOZ		Check Date:	07/25/2023
101-336-757.000	INV# 9234/87 SUPPLIES		83.56
GreatAmerica Financial Services		Invoice Amount:	\$477.48
SHARP COPIER - STANDARD PAYMENT, SUPPLY F		Check Date:	07/25/2023
101-262-940.000	STANDARD PAYMT INV# 34389881		100.00
101-215-940.000	STANDARD PAYMT INV# 34389881		377.48
Great Lakes Water Authority		Invoice Amount:	\$414,988.01
GLWA - MAY 2023 WATER USAGE (DETAILS ATT		Check Date:	07/25/2023
592-538-829.000	WATER USAGE CHARGE		174,288.01
592-538-829.000	WATER FIXED MONTHLY CHARGE		240,700.00
HUMANE SOCIETY OF HURON VALLEY		Invoice Amount:	\$25.00
INV. 202306 6/30/2023 STRAY IMPOUND SERVIC		Check Date:	07/25/2023
101-301-836.000	STRAY IMPOUND SERVICES		25.00

Charter Township of Plymouth

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RICOH USA, INC.		Invoice Amount:	\$60.33
INV. 5067727503 7/17/2023 MAINTENANCE AGR		Check Date:	07/25/2023
101-301-934.000	4/17/2023 - 7/16/2023		60.33
IPS Drug Testing, LLC		Invoice Amount:	\$100.00
INV # 2020071037712895 -- PRE EMPLOYMENT (Check Date:	07/25/2023
592-537-835.000	INV # 2020071037712895 DPW (2) PRE EMP		100.00
IRON MOUNTAIN		Invoice Amount:	\$255.81
IRON MOUNTAIN STORAGE 07/01/2023		Check Date:	07/25/2023
101-215-801.000	INVOICE HPXZ261		255.81
AT&T Global Legend Demand Center		Invoice Amount:	\$70.00
INV. 469181 6/26/2023 TOWER DUMP FOR INVE		Check Date:	07/25/2023
101-301-801.000	CASE #23-4360 (LARCENY)		70.00
J Lube Services 6		Invoice Amount:	\$60.98
INV. 10958 5/5/2023 FULL SERVICE OIL CHANGE		Check Date:	07/25/2023
101-301-863.000	2020 DODGE CHARGER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 11055 5/12/2023 FULL SERVICE OIL CHANG		Check Date:	07/25/2023
101-301-863.000	2017 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 11074 5/13/2023 FULL SERVICE OIL CHANG		Check Date:	07/25/2023
101-301-863.000	2021 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 11302 5/30/2023 FULL SERVICE OIL CHANG		Check Date:	07/25/2023
101-301-863.000	2020 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 11319 6/1/2023 FULL SERVICE OIL CHANGE		Check Date:	07/25/2023
101-301-863.000	2022 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$56.49
INV. 11387 6/5/2023 FULL SERVICE OIL CHANGE		Check Date:	07/25/2023
101-301-863.000	2021 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		1.50
J Lube Services 6		Invoice Amount:	\$57.99
INV. 11388 6/5/2023 FULL SERVICE OIL CHANGE		Check Date:	07/25/2023
101-301-863.000	2022 FORD EDGE - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		3.00
J Lube Services 6		Invoice Amount:	\$80.97
INV. 11526 6/14/2023 FULL SERVICE OIL CHANG		Check Date:	07/25/2023
101-301-863.000	2022 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
101-301-863.000	AIR FILTER 2		19.99

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J Lube Services 6		Invoice Amount:	\$60.98
INV. 11550 6/16/2023 FULL SERVICE OIL CHANG		Check Date:	07/25/2023
101-301-863.000	2022 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 11624 6/21/2023 FULL SERVICE OIL CHANG		Check Date:	07/25/2023
101-301-863.000	2021 FORD EXPEDITION - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$80.97
INV. 11733 6/28/2023 FULL SERVICE OIL CHANG		Check Date:	07/25/2023
101-301-863.000	2017 FORD EXPEDITION - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
101-301-863.000	AIR FILTER		19.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 11855 7/7/2023 FULL SERVICE OIL CHANGE		Check Date:	07/25/2023
101-301-863.000	2022 FORD EXPEDITION - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$1,500.00
DATTO CLOUD BACKUP SUBSCRIPTION FOR 202		Check Date:	07/25/2023
101-261-831.000	CLOUD BACKUP MONTHLY SUBSCRIPTION-202		1,500.00
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$465.00
TECH SUPPORT - CONSULT AND EXCHANGE UPD		Check Date:	07/25/2023
101-261-831.000	TECH SUPPORT IT CONSULT AND UPDATES		465.00
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$9,660.00
SENTINEL ONE COMPLETE ENDPOINT PROTECTI		Check Date:	07/25/2023
101-261-831.000	SENTINEONE COMPLET ENDPOINT PROTECTIO		9,660.00
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$87.50
SCADA UPDATES INV#22063		Check Date:	07/25/2023
592-537-831.000	SCADA UPDATES		87.50
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$150.00
FIREWALL MONITORING JULY 2023 - INVOICE#		Check Date:	07/25/2023
101-261-831.000	FIREWALL MONITORING - JULY 2023		150.00
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$5.52
KONICA MINOLTA #287961713 6/30/23 DPW PO		Check Date:	07/25/2023
592-536-934.000	KONICA MINOLTA - COVERAGE		5.52
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$132.78
KONICA MINOLTA #287873286 6/30/23 C454E 2		Check Date:	07/25/2023
101-171-934.000	KONICA MINOLTA - C454E COVERAGE		27.88
101-228-934.000	KONICA MINOLTA - COVERAGE		5.31
101-701-934.000	KONICAL MINOLTA - COVERAGE		6.64
596-528-934.000	KONICA MINOLTA - COVERAGE		6.64
592-536-934.000	KONICA MINOLTA - COVERAGE		86.31
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$191.41
KONICA MINOLTA #287961376 6/30/23 C550I 2		Check Date:	07/25/2023
101-171-934.000	KONICA MINOLTA -C550I COVERAGE		40.20
101-228-934.000	KONICA MINOLTA - COVERAGE		7.66

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	101-701-934.000	KONICAL MINOLTA - COVERAGE	9.57
	596-528-934.000	KONICA MINOLTA - COVERAGE	9.57
	592-536-934.000	KONICA MINOLTA - COVERAGE	124.41
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$5.53
INV # 287874030 - PRINTER - ASSESSOR - - JUN		Check Date:	07/25/2023
101-257-934.000	INV # 287874030 PRINTER - ASSESSOR 6/23		5.53
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$86.98
INV. # 9009404907 - PRINTER/COPIER - SUPER		Check Date:	07/25/2023
101-171-934.000	6/23 USE SUPERVISOR (2/3)		57.41
101-215-934.000	6/23 USE CLERK (1/3)		29.57
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$227.05
INV. 9009390550 6/25/2023 MAINT. AGREEMEN		Check Date:	07/25/2023
101-301-934.000	5/26/2023 - 6/25/2023 COVERAGE DATES		227.05
Linguistica International		Invoice Amount:	\$3.14
INV. 58187 5/31/2023 INTERPRETING SERVICES		Check Date:	07/25/2023
101-351-801.000	5.5 MINUTES OF SERVICE		3.14
MAIN STREET AUTO WASH		Invoice Amount:	\$550.00
JUNE CAR WASHES 2023		Check Date:	07/25/2023
101-301-863.000	Police Vehicles		505.00
101-336-863.000	Fire Admin. Vehicles		20.00
101-371-863.000	Building Vehicles		25.00
MARK'S OUTDOOR POWER EQUIPMENT		Invoice Amount:	\$98.98
INV # 241978 -REPLACE PTD SWITCHES ON TO		Check Date:	07/25/2023
101-751-757.000	# 241978-PTD SWITCHES		98.98
Marquis Food Service, Inc.		Invoice Amount:	\$149.00
INV. 10611 7/5/2023 PRISONER MEALS		Check Date:	07/25/2023
101-351-801.000	TURKEY SUBS W/CHEESE		92.00
101-351-801.000	BREAKFAST SANDWICHES		50.00
101-351-801.000	DELIVERY		7.00
MCKENNA ASSOCIATES INC		Invoice Amount:	\$5,787.50
# 90047-81- PROFESSIONAL SERVICES JUNE 202		Check Date:	07/25/2023
101-701-804.000	SERV - SENIOR PLANNER 6.25 HRS		687.50
101-701-804.000	#2483 - DELTA ELECTRONICS SITE PLAN #1		650.00
101-701-804.000	#2484 - MEIJER - SPECIAL LAND USE #1		700.00
101-701-804.000	#2485 - HUNDAI MOBIS - SITE PLAN #1		650.00
101-701-804.000	# 2487 - PLYOUTH WALK LOT SPLIT - REV #1		530.00
101-701-804.000	LANDSCAPE INSP - PLYMOUTH PLAZA #3		175.00
101-701-804.000	LANDSCAPE FEE - WENDY'S 655 ANN ARBOR RO		350.00
101-701-804.000	JOINT PARKS & REC MASTER PLAN		1,870.00
101-701-804.000	ADIENT EXPANSION LANDSCAPE #3		175.00
MCKENNA ASSOCIATES INC		Invoice Amount:	\$5,586.00
INVOICE # 21702-81-- PROFESSIONAL SERVICE		Check Date:	07/25/2023
101-701-804.000	21702-80 -- 14.70 HALF DAY		5,586.00
MERCHANTS & MEDICAL CREDIT CORP, IN		Invoice Amount:	\$315.07
INV # 20350 COLLECTIONS FROM 6/1/23 TO 6/3		Check Date:	07/25/2023
101-336-825.000	INV# 20350 COLLECTION FEE		315.07

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MICHIGAN TOWNSHIPS ASSOCIATION		Invoice Amount:	\$105.00
# 210211 MTA - CLASSIFIED AD FOR FINANCE D		Check Date:	07/25/2023
101-191-801.000	#210211 - FINANCE DIR. CLASSIFIED AD		105.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$47.00
INV. 492830 7/6/2023 PRISONER BLANKET CLEA		Check Date:	07/25/2023
101-351-822.000	BLANKET CLEANING		35.00
101-351-822.000	ENVIRONMENTAL FEE		8.00
101-351-822.000	TEMP FUEL SURCHARGE		4.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$66.90
#492885 7/7/23		Check Date:	07/25/2023
592-537-767.000	7/7/23 UNIFORM CLEANING SERVICES - FEE		66.90
MICHIGAN LINEN SERVICE		Invoice Amount:	\$66.90
#492501 6/30/23		Check Date:	07/25/2023
592-537-767.000	6/30/23 UNIFORM CLEANING SERVICES - FEE		66.90
SF MOBILE-VISION, INC.		Invoice Amount:	\$204.50
INV. 53040 7/17/2023 USB KEY FOR FLASHBACK		Check Date:	07/25/2023
101-301-757.000	USB KEY		189.50
101-301-757.000	SHIPPING		15.00
GIARMARCO, MULLINS & HORTON, PC.		Invoice Amount:	\$781.44
INV. #49 - LABOR ATTY. (JOHN C. CLARK) 6/23		Check Date:	07/25/2023
101-261-808.000	INV. # 49 LABOR ATTY SERV. 6/23 (CLARK)		781.44
NextGen Electric		Invoice Amount:	\$2,575.00
INV. 3266 7/5/2023 BUILDING REMODEL PROJEC		Check Date:	07/25/2023
265-311-930.000	LABOR/MATERIALS PER PROPOSAL 5/22/2023		2,125.00
265-311-930.000	ADDITIONAL PLUG		450.00
NORTH BREATHING AIR, LLC		Invoice Amount:	\$660.00
INV # 2360 COMPRESSOR ANNUAL/ SEMI- ANNU		Check Date:	07/25/2023
101-336-931.000	INV# 2360 COMPRESSOR SERVICE		275.00
101-336-931.000	MAKO FILTER CARTRIDGE		130.00
101-336-931.000	DRYING AIR FILTER		75.00
101-336-931.000	AIR SAMPLE & LAB ANALYSIS		135.00
101-336-931.000	TRAVEL CHARGE		45.00
O K FIRE EQUIPMENT CO		Invoice Amount:	\$1,191.00
INV# 10825 STATIONS 1,2 & 3 ANNUAL FIRE EX		Check Date:	07/25/2023
101-336-801.000	INV # 10825 FIRE EXTINGUISHER INSPECTIO		1,191.00
O K FIRE EQUIPMENT CO		Invoice Amount:	\$1,295.00
INV#10824 ANNUAL FIRE EXTINGUISHER INSPE		Check Date:	07/25/2023
101-265-801.000	TWP HALL YEARLY FIRE EXT. INSPECTION		568.00
101-301-801.000	POLICE DEPT. YEARLY FIRE EXT. INSPECTION		403.00
101-673-801.000	SENIOR CENTER YEARLY FIRE EXT. INSP.		151.00
101-751-801.000	TWP PARK YEARLY FIRE EXT. INSP.		173.00
O K FIRE EQUIPMENT CO		Invoice Amount:	\$561.00
INV#10826 OK FIRE EXTINGUISHER YEARLY INS		Check Date:	07/25/2023
592-537-801.000	DPW YEARLY FIRE EXTINGUISHER		561.00
OAKLAND COMMUNITY COLLEGE		Invoice Amount:	\$65.00
INV. 6217 2/2/2023 MOTOR VEHICLE CODE UPD		Check Date:	07/25/2023

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	101-301-958.000	OFFICER JAW 1/18/2023	65.00
OAKLAND COMMUNITY COLLEGE		Invoice Amount:	\$300.00
INV. 118393 7/7/2023 SPEED MEASUREMENT OP		Check Date:	07/25/2023
101-301-958.000	OFFICER NAAMOU 6/22/23-6/24/23		300.00
OFFICE DEPOT		Invoice Amount:	\$401.95
INV. 317251267001 6/16/2023 OFFICE SUPPLIES		Check Date:	07/25/2023
101-351-752.000	MAGENTA TONER T902 (LOCKUP)		77.99
101-351-752.000	YELLOW TONER T902 (LOCKUP)		77.99
101-351-752.000	CYAN TONER T902 (LOCKUP)		77.99
101-351-752.000	BLACK TONER T-902 (LOCKUP)		167.98
OFFICE DEPOT		Invoice Amount:	\$22.99
OFFICE SUPPLIES		Check Date:	07/25/2023
101-215-757.000	HALF PAGE LABEL		22.99
OCCUPATIONAL HEALTH CENTERS OF MI		Invoice Amount:	\$154.00
# 714910607 - DOT PHYS & UDS - LUKE SIMS		Check Date:	07/25/2023
592-537-835.000	# 714910607 - DOT PHYS & UDS - LUKE SIMS		154.00
OCCUPATIONAL HEALTH CENTERS OF MI		Invoice Amount:	\$308.00
# 714909424- DOT PHYS & UDS - N. MARTIN &		Check Date:	07/25/2023
592-537-835.000	# 714909424- PHYS & UDS - MARTIN & LAW		308.00
OAKLAND COUNTY		Invoice Amount:	\$1,755.25
INV# C1021365 CLEMIS PROGRAM FEES APR-JU		Check Date:	07/25/2023
101-336-831.000	FRMS DEPT FEE INV# C1021365		1,365.25
101-336-831.000	FRMS FIRE HALL FEE		390.00
OAKLAND COUNTY		Invoice Amount:	\$6,702.50
INV. CIJ001956 6/30/2023 CLEMIS FEES - APRIL		Check Date:	07/25/2023
101-325-801.000	CLEMIS MEMBERSHIP USAGE FEE		1,974.00
101-325-801.000	CLEMIS MDC PARTICIPATION FEE		3,008.50
101-325-801.000	CLEMIS LIVESCAN JUL-SEPT		645.00
101-325-801.000	MUG CAPTURE STN MAINT JUL-SEPT		1,000.00
101-325-801.000	CRIMEMAPPING		75.00
OAKLAND COUNTY		Invoice Amount:	\$1,819.19
INV. CI019921 5/1/2023 CLEMIS LEADS ON LINE		Check Date:	07/25/2023
101-301-831.000	SERVICE DATE 1/1/23 - 9/30/2023		1,819.19
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$1,246.00
ANDOVER LAKES SAD UPDATED COSTS #64349		Check Date:	07/25/2023
805-446-984.185	ANDOVER LAKES SAD UPDATED COSTS #6434		1,246.00
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$1,560.00
AMI METER RFP #64348		Check Date:	07/25/2023
592-537-803.000	AMI METER RFP #64348		1,560.00
Plymouth Home Improvement, LLC		Invoice Amount:	\$2,000.00
INVOICE#PT0160 PLYMOUTH TWP SIGN RESTOR		Check Date:	07/25/2023
101-265-930.000	INV#PT0160 SIGN REFURBISH		2,000.00
Pomp's Tire Service Inc.		Invoice Amount:	\$736.60
INV# 2180006666 NEW TIRES FOR R-2		Check Date:	07/25/2023
101-336-863.000	INV# 2180006666 NEW TIRES		595.18

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<i>101-336-863.000</i>	<i>MED TRK DSMNT/MNT</i>	<i>106.00</i>
<i>101-336-863.000</i>	<i>SCRAP DISPOSAL FEE</i>	<i>28.00</i>
<i>101-336-863.000</i>	<i>SHOP/SERVICE SUPPLIES</i>	<i>7.42</i>

PMT and Power Cleaning Systems**Invoice Amount: \$867.00**

INV # 81845112 PRIMARY PREVENTATIVE MAIN

Check Date: 07/25/2023*101-336-931.000**INV# 81845112 PREVENTATIVE MAINTENANCE**840.00**101-336-931.000**COMMERCIAL FUEL CHARGE**27.00***RELIABLE LANDSCAPING INC.****Invoice Amount: \$300.00**

INV#103594 WEED CUT 40851 FIRWOOD 7/27/2

Check Date: 07/25/2023*101-371-801.000**INV#103594 WEED CUT 40851 FIRWOOD**300.00***RELIABLE LANDSCAPING INC.****Invoice Amount: \$7,025.00**

INV#103695 JUNE 2023 LAWN CUTTING AND BE

Check Date: 07/25/2023*101-336-821.000**FIRE STATION 2**585.00**101-336-821.000**FIRE STATION 3**565.00**592-537-821.000**DPW**500.00**101-673-821.000**FRIENDSHIP STATION**655.00**101-751-821.000**LAKE POINTE SOCCER PARK**2,805.00**101-751-821.000**MILLER FAMILY PARK**925.00**101-751-821.000**BRENTWOOD PARK**625.00**101-751-821.000**POINT PARK**365.00***REVIZE, LLC****Invoice Amount: \$4,180.00**

ANNUAL WEBSITE HOSTING/CONTENT MGT SOL

Check Date: 07/25/2023*101-261-831.000**ANNUAL WEBSITE HOSTING AND TECH SUPPO**4,180.00***RITTER GIS, IIC****Invoice Amount: \$1,000.00**

CITYWORKS SERVICES JUNE 2023 #0469

Check Date: 07/25/2023*592-537-803.000**CITYWORKS SERVICES JUNE 2023 #0469**1,000.00***SCHOOLCRAFT COLLEGE****Invoice Amount: \$600.00**

INV. VT-2842 6/29/2023 - TACTICAL TRAINING

Check Date: 07/25/2023*101-301-958.000**MAY 19, 2023 - FIREARMS TRG**600.00***SCHOOLCRAFT COLLEGE****Invoice Amount: \$100.00**

INV. 0000003638 - SPONSOR #0544339 6/21/20

Check Date: 07/25/2023*101-301-958.000**CHAMPAGNE, NICELY & VAUGHAN 6/13/23**75.00**101-301-958.000**NAAMOU 6/20/23**25.00***SCHOOLCRAFT COLLEGE****Invoice Amount: \$50.00**

INV. 0000003658 - SPONSOR #0544339 7/6/202

Check Date: 07/25/2023*101-301-958.000**MCPARLAND & ROZUM 6/27/23**50.00***SENIOR ALLIANCE, THE****Invoice Amount: \$3,776.00**

FY 2023 COMMUNITY MATCH FOR AREA AGENCY

Check Date: 07/25/2023*101-101-957.000**FY 2023 COMMUNITY MATCH**3,776.00***SERENE LANDSCAPE GROUP****Invoice Amount: \$1,725.00**

INV#73628 JUNE FERTILIZATION PLYMOUTH TO

Check Date: 07/25/2023*101-751-821.000**INV#73628 JUNE FERTILIZATION 2023**1,725.00***SERENE LANDSCAPE GROUP****Invoice Amount: \$200.00**

INV#73627 JUNE FERTILIZATION BRENTWOOD

Check Date: 07/25/2023*101-751-821.000**INV#73627 JUNE FERTILIZATION 2023**200.00*

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SERENE LANDSCAPE GROUP		Invoice Amount:	\$1,069.00
INV#73626 JUNE FERTILIZATION LAKE POINTE		Check Date:	07/25/2023
101-751-821.000	INV#73626 JUNE FERTILIZATION 2023		1,069.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$130.00
INV#73625 JUNE FERTILIZATION DPW 2023		Check Date:	07/25/2023
592-537-821.000	INV#73625 JUNE FERTILIZATION 2023		130.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$265.00
INV#73624 JUNE FERTILIZATION LAKE POINTE		Check Date:	07/25/2023
101-751-821.000	INV#73624 JUNE FERTILIZATION 2023		265.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$362.00
INV#73623 JUNE FERTILIZATION MILLER FAMIL		Check Date:	07/25/2023
101-751-821.000	INV#73623 JUNE FERTILIZATION		362.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$130.00
INV#73622 JUNE FERILIZATION FRIENDSHIP STA		Check Date:	07/25/2023
101-673-821.000	INV#73622 JUNE FERTILIZATION		130.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$232.00
INV#73621 JUNE FERTILIZATION FIRE STATION		Check Date:	07/25/2023
101-336-821.000	INV#73621 JUNE FERTILIZATION 2023		232.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$177.00
INV#73620 JUNE FERTILIZATION FIRE STATION		Check Date:	07/25/2023
101-336-821.000	INV#73620 JUNE FERTILIZATION 2023		177.00
SHI International Corp.		Invoice Amount:	\$4,781.28
WIFI 6 INDOOR ACCESS POINT REPLACEMENTS		Check Date:	07/25/2023
101-261-831.000	MERAKI MR36 WI-FI 6 INDOOR AP MR36-HW		4,781.28
SUPERIOR MEDICAL WASTE		Invoice Amount:	\$180.00
INV# 24805 MONTHLY MEDICAL WASTE DISPOS		Check Date:	07/25/2023
101-336-773.000	INV# 24805 MONTHLY MEDICAL WASTE DISP		180.00
STRYKER SALES CORPORATION		Invoice Amount:	\$7,478.00
INV # 4205637 M 5 YEAR SERVICE AGREEMENT		Check Date:	07/25/2023
101-336-970.000	INV # 4205637 M SERVICE AGREEMENT		7,478.00
STRYKER SALES CORPORATION		Invoice Amount:	\$4,935.00
INV # 4207234 M 5 YEAR MAINTENANCE AGREE		Check Date:	07/25/2023
101-336-970.000	INV# 4207234M SERV AGREEMENT POWER PR		4,935.00
STRYKER SALES CORPORATION		Invoice Amount:	\$23,997.23
INV # 4205874 M POWER PRO 2 HIGH CONFIG		Check Date:	07/25/2023
101-336-970.000	INV # 4205874 M POWER PRO 2 HIGH CONFIG		23,997.23
STRYKER SALES CORPORATION		Invoice Amount:	\$17,300.00
INV # 4207469M MTS POWER LOAD FOR THE N		Check Date:	07/25/2023
101-336-970.000	INV # 4207469M MTS POWER LOAD		17,300.00
THYSSENKRUPP ELEVATOR CORPORATION		Invoice Amount:	\$3,490.88
INV#3007338760 YEARLY ELEVATOR MAINTENA		Check Date:	07/25/2023
101-265-801.000	INVOICE 3007338760		3,490.88

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TOUCH OF CLASS CLEANERS		Invoice Amount:	\$1,415.60
UNIFORM DRY CLEANING / POLICE DEPT. SWOR		Check Date:	07/25/2023
101-301-767.000	POLICE CLEANING 4/1/2023 - 6/30/2023		1,415.60
Thomas Reuters -WEST PAYMENT CENTER		Invoice Amount:	\$798.58
INV. 848547925 7/1/2023 WEST INFORMATION		Check Date:	07/25/2023
101-301-831.000	JUNE 1-30 CLEAR LAW ENF PLUS		118.81
101-301-831.000	JUNE 1-30 CLEAR LICENSE PLATE REC		679.77
Yeo & Yeo, PC		Invoice Amount:	\$1,200.00
PREPARATION OF FY2022 FORM F65		Check Date:	07/25/2023
101-261-801.000	PREPARATION OF FY2022 FORM F65.		1,200.00
FLAME FURNACE		Invoice Amount:	\$6.00
PERMIT REFUND PM23-0229		Check Date:	07/25/2023
101-371-964.000	PERMIT REFUND PM23-0229		6.00
BRIAN & AMY MARKOVICH		Invoice Amount:	\$145.00
PERMIT REFUND PB23-0538 NO ROOM FOR POO		Check Date:	07/25/2023
101-371-964.000	PERMIT REFUND PB23-0538		145.00
ASKAR HEATING & COOLING LLC.		Invoice Amount:	\$70.00
PERMIT REFUND PE23-0177		Check Date:	07/25/2023
101-371-964.000	PERMIT REFUND PE23-0177		70.00
Total Amount to be Disbursed:			\$736,165.48

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AMERITAS LIFE INSURANCE CORP.

ACTIVE DENTAL - JULY 2023 (SEE ATTACHED SP

101-171-718.000	SUPERVISOR	Invoice Amount:	\$8,072.24
101-228-718.000	IT SERVICES	Check Date:	07/12/2023
101-215-718.000	CLERK		39.52
101-253-718.000	TREASURY		125.04
101-265-718.000	TOWNSHIP HALL & GROUNDS		113.76
101-301-718.000	POLICE		375.12
101-325-718.000	DISPATCH		74.24
101-351-718.000	JAIL/LOCK UP		2,637.20
101-336-718.000	FIRE		950.40
101-371-718.000	BUILDING		39.52
588-596-718.000	TRANSPORTATION		2,324.16
596-528-718.000	RUBBISH		301.76
592-536-718.000	PUBLIC SERVICES		125.04
592-537-718.000	PUBLIC WORKS		238.80
101-000-243.000	COBRA (CLINTON)		528.40
			74.24

AMERITAS LIFE INSURANCE CORP.

RETIREE-DENTAL- JULY 2023 --- POLICY #010-0

101-261-875.000	GENERAL RETIREES	Invoice Amount:	\$4,948.32
101-301-875.000	POLICE RETIREES	Check Date:	07/12/2023
101-325-875.000	DISPATCH RETIREE		768.08
101-336-875.000	FIRE RETIREES		1,416.72
592-536-875.000	PUBLIC SERVICES RETIREE		74.24
592-537-875.000	DPW RETIREES		1,897.76
101-000-243.000	COBRA -IAFF		39.52
			672.96
			79.04

CODE SAVVY CONSULTANTS LLC

INV.#2259 HYUNDAI MOBIS LAB FIRE ALARM PL

101-371-801.000	INV#2259 FIRE ALARM REVIEW	Invoice Amount:	\$385.00
		Check Date:	07/12/2023
			385.00

COMCAST

ACCT 8529 10 216 0147442 INTERNET FIRE

101-336-852.000	INTERNET - FS 3 - JULY 2023	Invoice Amount:	\$299.85
		Check Date:	07/12/2023
			299.85

CONSUMERS ENERGY

MONTHLY CHGS - June 2023

101-171-921.000	SUPERVISOR	Invoice Amount:	\$1,831.52
101-228-921.000	INFO SERVICES	Check Date:	07/12/2023
101-257-921.000	ASSESSING		85.99
101-215-921.000	CLERK		72.55
101-253-921.000	TREASURER		29.56
101-301-921.000	POLICE		122.85
101-325-921.000	DISPATCH		44.34
101-336-921.000	FIRE DEPT		373.50
101-371-921.000	BUILDING		139.73
101-701-921.000	COMM DEVELOPMENT		465.21
101-751-921.000	PARK		106.14
596-528-921.000	UTILITIES-RUBBISH		8.06
592-536-921.000	DPW - WATER & SEWER		63.53
101-351-921.000	CORRECTIONS & JAIL		4.03
101-673-921.000	UTIL - SENIOR SERVICES		122.26
101-191-921.000	FINANCE		114.20
101-265-921.000	BUILDINGS AND GROUNDS		4.03
592-537-921.000	DPW - WATER & SEWER T & D		47.78
			2.69
			25.07

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IDOR INFORMATION		INVOICE INFORMATION	
CONSUMERS ENERGY		Invoice Amount:	\$16.00
ACCT # 1000-6777-1970 JUNE 2023 (ATTACHED)		Check Date:	07/12/2023
592-537-921.000	ACCT #1000-6777-1970-- 47755 5 MI 6/23		16.00
FIDELITY SECURITY LIFE INSURANCE CO		Invoice Amount:	\$1,099.91
EYEMED - ACTIVE EMPLOYEES -JULY 2023 (SPRE		Check Date:	07/12/2023
101-171-718.000	SUPERVISOR		5.69
101-228-718.000	IT SERVICES		15.87
101-215-718.000	CLERK		16.50
101-253-718.000	TREASURY		47.61
101-265-718.000	TOWNSHIP HALL & GROUNDS		10.81
101-301-718.000	POLICE		401.79
101-325-718.000	DISPATCH		123.79
101-336-718.000	FIRE		294.44
101-351-718.000	JAIL/LOCK UP		5.69
101-371-718.000	BUILDING		43.81
588-596-718.000	TRANSPORTATION		15.87
592-536-718.000	PUBLIC SERVICES		32.37
592-537-718.000	DPW		69.80
596-528-718.000	RUBBISH		15.87
FIDELITY SECURITY LIFE INSURANCE CO		Invoice Amount:	\$689.66
EYE MED - RETIREES - JULY 2023 (SPREADSHEE		Check Date:	07/12/2023
101-261-875.000	GENERAL RETIREES		109.18
101-301-875.000	POLICE RETIREES		194.28
101-325-875.000	DISPATCH RETIREE		10.81
101-336-875.000	FIRE RETIREES		271.84
592-536-875.000	PUBLIC SERVICES RETIREE		5.69
592-537-875.000	DPW RETIREES		97.86
FIDELITY SECURITY LIFE INSURANCE CO		Invoice Amount:	\$22.19
EYE MED COBRA COVERAGE - JULY 2023 (DETAI		Check Date:	07/12/2023
101-000-243.000	CLINTON - EYEMED COBRA CHARGES 7/23		10.81
101-000-243.000	RAINEY & JURY COBRA CHARGES 7/23		11.38
HARTFORD, THE		Invoice Amount:	\$5,894.69
THE HARTFORD-INSURANCE-JUNE 2023 (SPREA		Check Date:	07/12/2023
101-171-718.000	SUPERVISOR DEPT		126.84
101-191-718.000	FINANCE DEPT		55.95
101-215-718.000	CLERK DEPT		181.07
101-228-718.000	INFORMATION SYSTEMS DEPT		70.70
101-253-718.000	TREASURY DEPT		172.50
101-265-718.000	BUILDING & GROUNDS DEPT		42.38
101-301-718.000	POLICE DEPT		1,918.38
101-325-718.000	DISPATCH/COMMUNICATIONS DEPT		734.47
101-336-718.000	FIRE DEPT		1,646.53
101-351-718.000	JAIL/CORRECTIONS DEPT		48.68
101-371-718.000	BUILDING DEPT		281.81
588-596-718.000	TRANSPORTATION DEPT		40.35
592-536-718.000	PUBLIC SERVICES DEPT		141.22
592-537-718.000	PUBLIC WORKS DEPT		380.33
596-528-718.000	RUBBISH COLLECTION DISPOSAL DEPT		53.48
PLYMOUTH POSTMASTER		Invoice Amount:	\$1,500.00
WATER BILL POSTAGE - PERMIT #218 JULY 2023		Check Date:	07/12/2023
592-536-851.000	PERMIT #218 JULY 2023 POSTAGE		1,500.00

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VERIZON WIRELESS

JULY 2023 WIRELESS MI DEAL ACCT # 98688782

101-371-850.000	BUILDING INSPECTOR	122.97
101-265-850.000	BUILDING & GROUNDS	41.95
592-537-850.000	DPW	619.15
101-336-850.000	FIRE DEPT	256.39
101-228-850.000	IT SERVICES	45.94
101-751-850.000	PARKS	67.91
101-301-850.000	POLICE DEPT	278.00
101-325-850.000	DISPATCH	62.79
588-596-850.000	TRANSPORTATION	49.03
596-528-850.000	RUBBISH	31.09
101-253-850.000	TREASURY	31.90

Invoice Amount: \$1,607.12

Check Date: 07/12/2023

WOW! BUSINESS

ACCT. # 012299521 - JEFF RANDALL (FD) CABLE

101-336-852.000	FD CABLE CHARGES (RANDALL)	15.00
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Invoice Amount: \$15.00

Check Date: 07/12/2023

Total Amount to be Disbursed: \$26,381.50



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 25, 2023

ITEM: Request for Approval: Text Amendments to the Zoning Ordinance No. 99 for the Establishment of Solar Energy Systems (SES), Resolution 2023-07-25-55

PRESENTERS: Laura Haw, Township Planner, McKenna

BACKGROUND: Solar energy is a growing energy resource offering a multitude of benefits, including savings on energy bills, regional emissions reductions, improved resilience, and the opportunity for economic development and job growth. Creating a Solar Energy Systems (SES) ordinance also allows property owners to construct solar energy systems across zoning districts in the Township, using rules that are clear to both the applicant and the Building and Planning Departments. SES are not regulated by the current Zoning Ordinance; however, roof-mounted equipment is reviewed by the Building Department for compliance with the Building Code only (e.g., electrical permit). Within the Zoning Codes, there are no standards for ground-mounted SES or other SES unit types, nor a proper definition for such systems. However, wind energy systems are regulated in section 28.61 of the Township's ordinance.

Plymouth Township has already been approached by commercial / industrial companies who desire to add amenities such as a ground-mounted SES to their properties (over either open green space or within excess parking lots). As the demand for clean energy sources intensifies, it is anticipated these inquiries will become more frequent. Having a simple and direct zoning ordinance on the books allows us to facilitate the type of desired development and to address those proposals.

The enclosed draft ordinance details a straightforward, minimalist approach to regulating SES. As the Township's ordinances do not currently address solar, all the proposed text is new language. To accomplish this, the following sections of the Zoning Ordinance are proposed to be adjusted:

Article 28: Special Provisions (to follow the current "wind energy" ordinance with the creation of section 28.62);

Article 36: Definitions (to define several terms related to SES in section 36.2: Definitions).

These draft regulations establish minimum requirements for SES facilities, while promoting a renewable energy source in a safe, effective, and efficient manner and will allow Plymouth Township to be solar ready. Further, this ordinance will ensure that SES of every size will go through the Building and Planning Departments' permit processes to certify compliance with all applicable building and electric codes.

As an amendment to the Zoning Ordinance, the Planning Commission held the required public hearing on July 19, 2023. There was one comment from the public (in favor of the ordinance as the individual is interested in installing solar on their property) and the Commission unanimously recommended the text amendment to the Board of Trustees for approval, with several adjustments. Those adjustments are detailed in the enclosed document with **red ink**.

As a text amendment to the Zoning Ordinance, adoption requires an affirmative vote by a majority of the members of the Board (MCL 125.3402(5)); the text amendment must be approved by at least four members of the Board, not a quorum of members at a meeting. The Township Attorney has reviewed the draft text amendment and has no changes.

For additional information on Solar Energy Systems, please reference the Planning Commission packet of July 19, 2023, and the 2021 Planning & Zoning for Solar Energy Systems: A Guide for Michigan Local Governments (*Developed by experts within Michigan State University Extension (MSUE) and Michigan State University's School of Planning, Design and Construction in partnership with faculty at the University of Michigan Graham Sustainability Institute*):

<https://www.canr.msu.edu/resources/planning-zoning-for-solar-energy-systems-a-guide-for-michigan-local-governments>

PROPOSED MOTION:

I move to adopt Resolution #2023-07-25-55, authorizing adoption of the text amendment to Zoning Ordinance No. 99, establishing Section 28.62: Solar Energy Systems (SES) and amending Article 36: Definitions, as recommended by the Planning Commission.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi, ___ Buckley, ___Stewart, ___Doroshewitz, ___Monaghan, ___Heise

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

**RESOLUTION TO APPROVE A TEXT AMENDMENT TO THE ZONING
ORDINANCE NO. 99 FOR THE ESTABLISHMENT OF SOLAR ENERGY SYSTEMS
(SES) IN SECTION 28.62 AND ARTICLE 36: DEFINITIONS**

RESOLUTION # 2023-07-25-55

At a regular meeting of the Charter Township of Plymouth Board of Trustees (the ‘board’), held at Township Hall, 9955 N. Haggerty Road, Plymouth, Michigan on July 25, 2023, the following resolution was offered:

WHEREAS, the Planning Commission has reviewed and discussed the Township’s Zoning Ordinance No. 99 and in particular, Article 28: Special Provisions and Article 36: Definitions, as related to the establishment of Solar Energy Systems (SES), and,

WHEREAS, the Planning Commission held a public hearing on this matter on July 19, 2023, and subsequently recommended the proposed text amendments to the Board of Trustees for approval, and,

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution # 2023-07-25-55 authorizing approval of text amendments to Article 28: Special Provisions, Section 28.62: Solar Energy Systems (SES) and Article 36: Definitions, to Zoning Ordinance No. 99.

Motion By: _____ Seconded By: _____

Roll Call:

___ Vorva, ___ Buckley, ___ Curmi, ___ Monaghan, ___ Doroshewitz, ___ Stewart, ___ Heise

MOTION CARRIED _____

MOTION DEFEATED _____

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

**AMENDMENT TO ARTICLE XXX OF THE ZONING ORDINANCE:
SOLAR ENERGY SYSTEMS (SES)**

ORDINANCE NO. 99.035

AN ORDINANCE TO AMEND THE TEXT OF THE CHARTER TOWNSHIP OF PLYMOUTH ZONING ORDINANCE NO. 99 BY ADDING TO ARTICLE 28 NEW SECTION 62 AND ADDING TO ARTICLE 36 NEW DEFINITIONS; PROVIDING FOR INTENT AND SCOPE OF REQUIREMENTS; PROVIDING FOR GENERAL REQUIREMENTS; PROVIDING FOR PROVIDING FOR REMEDIES FOR UNSATISFACTORY COMPLETION OF IMPROVEMENTS; PROVIDING FOR PENALTIES; PROVIDING FOR REPEAL; PROVIDING FOR SEVERABILITY; PROVIDING FOR SAVINGS CLAUSE; AND PROVIDING FOR PUBLICATION AND EFFECTIVE DATE.

THE CHARTER TOWNSHIP OF PLYMOUTH ORDAINS:

Ordinance No. 99.035, the Solar Energy Systems Ordinance, is hereby adopted to read as follows:

ARTICLE I AMENDMENTS

SECTION 1. Article 28: Special Provisions, Section 28.62: Solar Energy Systems (SES) shall have the following added thereto:

SEC. 28.62

1. INTENT

Plymouth Township's Solar Energy Systems (SES) ordinance intends to:

- Provide for a renewable, abundant, and non-polluting energy resource.
- Encourage environmental site design through preservation in place (i.e., woodlands, wetlands, cultural resources that should not be disturbed).
- Decrease the cost of energy to property owners, including single-family residents, by allowing solar collectors, to provide power for use by owners, lessees, tenants, residents, or other occupants of the premises on which they are erected.
- Protect property-owner rights to construct SES in all zoning districts and protect legal permission from landlords to tenants.

- Increasing employment and business development in the region by furthering the installation of SES.

This ordinance does not prohibit the sale of excess power (through a “net billing”, “net-metering”, or “bill credit”, or other arrangement) in accordance with Michigan’s laws overseen by the Michigan Public Service Commission (MPSC) or any other federal statute.

A SES used to power a single device or specific piece of equipment such as a lawn ornament, lights, weather station, thermometer, clock, or other similar singular device is exempt from these requirements (as determined by the Building Official).

2. PERMITTED USES

Solar Energy Systems (SES) are permitted as:

SES Unit Type	Allowable Zoning Districts	Review Process
Accessory Use (Roof-Mounted, Building-Integrated, or Ground-Mounted)	All Districts (excluding ground mounted in single-family residential districts)	Administrative
Principal Use (Ground-Mounted) <1 acre	All Non-Residential Districts	Administrative Special Land Use
Principal Use (Ground-Mounted) 1 acre or more	All Non-Residential Districts	Special Land Use
Principal Use (Ground-Mounted) any size	All Residential Districts	Special Land Use

3. USE STANDARDS

(a) Roof-Mounted and Building-Integrated SES:

1. Cannot exceed the height of the underlying zoning district or protrude an additional 6-feet above the surface to which it is affixed and must adhere to the local Fire Code.
2. Cannot protrude beyond the edges of the roof.
3. Are exempt from screening requirements.
4. Solar panels affixed on the roof of a carport structure or on a pergola type of free-standing canopy are considered a roof-mounted SES. Carports do not count towards the maximum lot coverage; however, all accessory buildings (i.e., pergolas) count towards the maximum lot coverage permitted in the district.

(b) Ground-Mounted SES:

1. Must be located in the rear or side yard. If screened per subsection (f) below, SES may also be located in the non-required front yard. Fencing surrounding ground-mounted SES can be approved, up to 8-feet in height. If a principal use, the SES may be located in the front yard.
2. Cannot be located closer than 10-feet to any principal building.

3. Must be setback at least 5-feet from any side or rear property line.
4. Cannot exceed 15-feet in height at maximum tilt. Taller structures, not to exceed the maximum height of the underlying zoning district, may be considered by the Planning Commission as a special land use.
5. Do not count towards the maximum lot coverage.
6. When located within the non-required front yard, a year-round landscaped screen (as found acceptable to the Community Development Department) must be provided to screen from any public rights-of-way.

(c) Applicable to all SES:

1. Anchoring. Sealed, engineered drawings must be submitted detailing how the SES is securely anchored to the ground or a permanent roof structure, to meet the State of Michigan Frost Laws (a minimum of 42-inches below grade).
2. Permit Required. A Building Permit with the Township Building Department is required, and all systems must comply with the most recently adopted electrical and building codes.
3. Maintenance. All SES must be maintained in a safe and in operable condition. **Building integrated SES may be allowed to continue, even after becoming non-operable, when severing as dual use purpose as a structural element of the building.**
4. Decommissioning Plan. SES that cover 1 acre or greater (in total land area), a decommissioning plan is required and must include: the anticipated manner in which the project will be decommissioned, including a description of which above-grade and below-grade improvements will be removed, retained (e.g., access drive, fencing), or restored for viable reuse of the property consistent with the zoning district.
5. Land Clearing. Land disturbance or clearing is limited to what is minimally necessary for the installation and operation of the system and to ensure sufficient all-season access to the solar resource given the topography of the land.
6. Removal. If a SES ceases to perform its intended function for more than 12-consecutive months, the property owner must remove the collector, mount, and associated equipment and facilities no later than 90 days after the end of the 12-month period. The property must be restored to the condition prior to the development of the system.
7. Sites 1-Acre or Greater. For SES that cover 1 acre or greater (in total land area), a feasibility study regarding the implementation of a pollinator habitat and/or conservation cover is required.

SECTION 2. Article 36: Definitions shall have the following added thereto:

Solar Energy Systems (SES): A device, array of devices, or structural design feature, the purpose of which is to provide for generation or storage of electricity from sunlight, or the collection, storage, and distribution of solar energy for space heating or cooling, daylight for interior lighting, or water heating. SES unit types include:

Ground-Mounted SES (Principal Use): A solar photovoltaic system mounted on a rack or pole that is ballasted on, or is attached to the ground, and is the primary land use for the parcel(s) on which it is located.

Ground-Mounted SES (Accessory Use): A SES mounted on a rack or pole that is ballasted on, or is attached to the ground, and the system is accessory to the primary use.

Roof-Mounted SES: A SES mounted on racking that is attached to or ballasted on the roof of a building or structure. Solar panels affixed on the roof of a carport structure or mounted on a pergola type of free-standing canopy are a roof-mounted SES.

Building-Integrated SES: A SES that is an integral part of a primary or accessory building or structure (rather than a separate mechanical device), replacing or substituting for an architectural or structural component of the building or structure. Building-integrated systems include but are not limited to: photovoltaic (BIPV) or hot water solar energy systems that are contained within roof materials, windows, skylights, awnings, fences, and walls.

Dual-Use SES: This SES sub-type designation may be applicable when the design of a SES increases the overall productivity of a property by means such as: using vertical clearance to enable vehicle parking underneath the SES (a carport or canopy above a parking lot or parking spaces), land management, or the conservation practices listed below. These types of SES are encouraged, but may require deviations from the Township during the special land-use review process (ex: if proposed grass heights or landscape plans conflict with other Township requirements):

- **Pollinator Habitat:** Solar sites designed to meet a score of 76 or more on the Michigan Pollinator Habitat Planning Scorecard for Solar Sites. Alternatively, the Tier 2 Pollinator Scorecard developed by the Rights-of-Way as Habitat Working Group can be used to evaluate pollinator habitat and management practices.
- **Conservation Cover:** Solar sites designed in consultation with conservation organizations that focus on restoring native plants, grasses, and prairie with the aim of protecting specific species (e.g., bird habitat) or providing specific ecosystem services (e.g., carbon sequestration, soil health).

Solar Photovoltaic (PV): A type of SES that uses semiconductor materials to convert solar energy directly into electricity, the primary components of which are solar panels, mounting devices, inverters, and wiring.

Repowering: In addition to repairing or replacing SES components to maintain the system, a Principal-Use SES may at any time be repowered by reconfiguring, renovating, or replacing the SES to increase the power rating within the existing project footprint. A proposal to change the project footprint of an existing SES shall be considered a new building application, subject to the ordinance standards at the time of the request.

ARTICLE III PENALTY.

Any person, corporation, partnership or other legal entity who shall violate or fail to comply with any provision of this Ordinance shall be guilty of a misdemeanor and upon conviction thereof may be fined not more than Five Hundred (\$500.00) Dollars or imprisoned not more than Ninety (90) days, or both, in the discretion of the court.

ARTICLE IV. REPEAL.

All Ordinances or parts of Ordinances in conflict with the provisions of this Ordinance, except as herein provided, are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

ARTICLE V. SEVERABILITY.

If any section, subsection, clause, phrase or portion of this Ordinance is for any reason held invalid or unconstitutional by any court of competent jurisdiction, such portion shall be deemed a separate, distinct and independent provision, and such holding shall not affect the validity of the remaining portion thereof.

ARTICLE VI. SAVINGS CLAUSE.

The repeal or amendment herein shall not abrogate or affect any offense or act committed or done, or any penalty or forfeiture incurred, or any pending litigation or prosecution of any right established or occurring prior to the effective date of this Ordinance.

ARTICLE VII. PUBLICATION.

The Clerk for the Charter Township of Plymouth shall cause this Ordinance to be published in the manner required by law.

ARTICLE VIII. EFFECTIVE DATE.

This Ordinance shall take full force and effect seven days after publication. MCL 125.3401(6).

CERTIFICATION

The foregoing Ordinance was duly adopted by the Township Board Trustees of the Charter Township of Plymouth at its regular meeting called and held on the _____ day of _____, 2023, and was ordered to be given publication in the manner required by law.

Jerry Vorva, Clerk

Introduced: _____

Published: _____

Adopted: _____

Effective Seven Days After Publication: _____



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 25, 2023

ITEM: FY2023 Budget Amendments and FY2022 carry-forwards

PRESENTER: Deputy Finance Director Carole Rochon

BACKGROUND: The Uniform Budgeting and Accounting Act requires that a Township Board prepare a budget amendment as soon as it is apparent that a deviation from the original budget is necessary, and the amount can be determined.

The attached amendments are reflective of activity in the General Fund, Brownfield Redevelopment Authority, Downtown Development Authority, Federal Drug Forfeiture Fund, State Forfeiture Drug Fund, IRS Drug Forfeiture Fund, American Rescue Plan Act (ARPA), Township Improvement Fund, Transportation Fund and Water & Sewer Fund. Board consideration to:

- Amend FY2023 General Fund recognizing revenue in the amount of \$400,800 and approving fund appropriations in the amount of \$121,400;
- Amend FY2023 Brownfield Redevelopment Authority Fund recognizing revenue in the amount of \$41,000;
- Amend FY2023 Downtown Development Authority Fund recognizing revenue in the amount of \$41,200 and approving fund appropriations in the amount of \$117,200;
- Amend FY2023 Federal Drug Fund recognizing revenue in the amount of \$9,600;
- Amend FY2023 State Drug Fund recognizing revenue in the amount of \$6,900 and approving fund appropriations in the amount of \$4,500;
- Amend FY2023 approving the IRS Drug Law Fund appropriation in the amount of \$1,900;

- Amend FY2023 American Rescue Act Plan (ARPA) Fund recognizing revenue in the amount of \$56,700;
- Amend FY2023 Township Improvement Revolving Fund recognizing revenue in the amount of \$5,500;
- Amend FY2023 Transportation Fund recognizing revenue in the amount of \$1,300;
- Amend FY2023 Water & Sewer Fund recognizing revenue in the amount of \$550,000 and approving appropriations in the amount of \$143,700.

PROPOSED MOTION: I move that the Plymouth Township Board of Trustees adopt the attached Resolution #2023-07-28-56 authorizing various FY 2023 Budget Amendments and FY 2022 carry-forwards to the accounts as outlined and attached.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi, ___ Buckley, ___Monaghan, ___Doroshewitz, ___Stewart, ___Heise

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

RESOLUTION # 2023-07-28-56

FY2023 BUDGET AMENDMENT

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 July 28, 2023, the following resolution was offered:

WHEREAS, the Uniform Budgeting and Accounting Act requires that a Township Board prepare a budget amendment as soon as it is apparent that a deviation from the original budget is necessary and the amount can be determined, and;

WHEREAS, the referenced amendments are reflective of activity incurred in the General Fund since the adoption of the FY2023 budget approved on November 15, 2022, and;

WHEREAS, The Board of Trustees of the Charter Township of Plymouth was presented with a proposed budget amendment for Fiscal/Calendar Year 2023, and;

WHEREAS, the Board of Trustees are satisfied with proposed budget amendment, and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize General Fund revenue of \$400,800 and to appropriate \$121,400 of its fund balance, and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize Brownfield Redevelopment Authority Fund revenue in the amount of \$41,000, and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize Downtown Development Authority Fund revenue of \$41,200 and to appropriate \$117,200 of its fund balance, and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize revenue in the amount of \$9,600 amending the 2023 Federal Drug Fund Balance and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize State Drug Law Fund revenue in the amount of \$6,900 and to appropriate \$4,500 of its fund balance, and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize revenue in the amount of \$1,900 amending the 2023 IRS Drug Fund Balance and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize revenue in the amount of \$56,700 amending the 2023 American Rescue Act Plan (ARPA) Fund Balance and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize revenue in the amount of \$56,500 amending the 2023 Township Improvement Revolving Fund Balance and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize revenue in the amount of \$1,300 amending the 2023 Transportation Fund Balance and;

WHEREAS, the board authorizes the Finance Director or designee to amend the FY2023 Adopted Budget, hereby amended as shown on the schedule to recognize Water & Sewer Fund revenue in the amount of \$550,000 to appropriate \$143,700 of its fund balance, and;

NOW, THEREFORE BE IT RESOLVED that the Plymouth Township Board of Trustees hereby adopt this Resolution #2023-07-28-56 authorizing the Finance Director to appropriate fund balance amending the 2023 General Fund, the 2023 Brownfield Redevelopment Authority Fund, the 2023 Downtown Development Authority Fund, the 2023 Federal Drug Law Fund, the 2023 State Drug Law Fund, the 2023 IRS Drug Law Fund, the 2023 American Rescue Act Plan Fund, the 2023 Township Improvement Revolving Fund, the 2023 Transportation Fund, and the 2023 Water & Sewer Funds in the appropriate accounts with total revenue in the amount of \$1,114,900 and total appropriations in the amount of \$386,800.

Moved by: _____ Supported by: _____

Roll Call Vote

Ayes:

Nays:

Adopted: Regular Meeting of the Board of Trustees on July 28, 2023

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.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution: 2023-07-28-56

**FY2023 Budget Appropriations
2nd Quarter Amendments**

GL Number	Account Description	Budget Amendment	FY2023 Budgeted	FY2023 Revised
101-215-705.000	Wages - Overtime Overtime Wages for Clerk's Office	\$ 3,000	\$ 2,000	\$ 5,000
101-215-831.000	Contractual - Computer & Tech Services Additional costs for Laserfiche	\$ 600	\$ 3,500	\$ 4,100
101-247-958.000	Professional Development & Training Board of Review Training	\$ 100	\$ -	\$ 100
101-253-801.000	Professional & Contractual Services Annual Fees for BASIC Benefits- FSA Plan Administration	\$ 200	\$ -	\$ 200
101-253-861.000	Transportation Mileage/Parking Reimbursement Treasurer's Office Mileage	\$ 1,000	\$ 200	\$ 1,200
101-257-958.000	Professional Development & Training Assessing MTA - On-line Training	\$ 100	\$ -	\$ 100
101-261-703.000	Wages - Part Time Employees Wages - Broadcast employees - PEG Funds	\$ 500	\$ 2,800	\$ 3,300
101-261-726.000	Internal Revenue Service - Underpayments IRS/ARPA Funding - HR Item - Penalty & Interest	\$ 1,500	\$ -	\$ 1,500
101-261-810.286	Professional - District/Muni Court Services Carry Forward FY2022 District Court	\$ 52,700	\$ -	\$ 52,700
101-262-901.000	Publishing Services Elections Office - Employment Ad	\$ 200	\$ -	\$ 200
101-301-705.000	Wages - OT Police - Additional OT for Convictions set aside review (New State Law)	\$ 2,000	\$ 95,000	\$ 97,000
101-301-712.000	Wages - Vacation/Sick One-Time Payouts One Officer resignation	\$ 28,000	\$ -	\$ 28,000
101-301-779.000	Supplies - Firearms/Guns/Tasers Cartridges for Tasers not included with new Taser Lease	\$ 4,500	\$ 4,000	\$ 8,500
101-325-705.000	Wages - Overtime Dispatch - Additional OT needed	\$ 8,000	\$ 16,000	\$ 24,000
101-325-835.000	Contractual - Pre/Post Physical Exams Additional Physical for New Hire	\$ 300	\$ 600	\$ 900
101-336-863.000	Transportation - Auto Expense Fire - additional repairs due to water in vehicle gas tank	\$ 5,000	\$ 45,000	\$ 50,000
101-336-863.000-2020101V0001	Transportation - Auto Expense Fire - additional repairs due to water in vehicle gas tank	\$ 5,000	\$ 5,000	\$ 10,000
101-336-863.000-2020101V0002	Transportation - Auto Expense Fire - additional repairs due to water in vehicle gas tank	\$ 3,000	\$ 3,000	\$ 6,000
101-336-863.000-2020101V0003	Transportation - Auto Expense Fire - additional repairs due to water in vehicle gas tank	\$ 1,500	\$ 3,500	\$ 5,000
101-351-705.000	Wages - Overtime Jail/Corrections - additional OT for Convictions set aside review (New State law)	\$ 1,500	\$ -	\$ 1,500
101-351-940.000	Rentals/Leased Equipment One (1) New computer lease	\$ 600	\$ -	\$ 600
101-703-901.000	Publishing Services Public Notices	\$ 1,000	\$ 500	\$ 1,500
101-737-757.000	Supplies - Operation Tools & Supplies New nameplate	\$ 100	\$ -	\$ 100
101-737-957.000	Memberships & Dues Dues rate increase	\$ 100	\$ 700	\$ 800

GL Number	Account Description	Budget Amendment	FY2023 Budgeted	FY2023 Revised
101-751-940.000	Rentals/Leased Equipment	\$ 900	\$ 23,400	\$ 24,300
	One (1) New computer lease - \$600			
	Golf Cart Lease additional \$300			
Total 101 General Fund Appropriations		\$ 121,400		
248-727-970.000	Capital Outlay	\$ 117,200	\$ 206,000	\$ 323,200
	DDA - Carryforward Township Hall Front Entrance concrete work			
Total 248 Downtown Development Authority Appropriations		\$ 117,200		
265-311-779.000	Supplies - Firearms/Guns/Tasers	\$ 4,500	\$ -	\$ 4,500
	FY2022 Carry-Forward: Sage 37mm less Lethal Weapons System (2)			
Total 265 Drug Law Enforcement Fund - State Appropriations		\$ 4,500		
592-536-814.000	Professional - Banking Services & Fees	\$ 2,000	\$ 3,200	\$ 5,200
	Additional Fees			
592-537-900.000	Printing Services	\$ 1,200	\$ -	\$ 1,200
	Cross Connection Letters - seeking reimbursement from Hydro Corp.			
592-537-901.000	Publishing Services	\$ 1,000	\$ -	\$ 1,000
	Employment Advertisement/Sewer Notice/Qtrly Water Report			
592-540-757.000	Supplies - Operational Tools & Supplies	\$ 500	\$ 400	\$ 900
	Storm Orsin Filter			
592-540-824.000	Contractual - Trash Collection Service	\$ 139,000	\$ 8,000	\$ 147,000
	Storm Debris Clean UP			
Total 592 Water & Sewer Fund Appropriations		\$ 149,700		
All Funds - Appropriation		\$ 386,800		

GL Number	Account Description	Budget Amendment	FY2023 Budgeted	FY2023 Revised
FY2023 Recognition of Funding Sources				
GL Number	Account Description	Revenue Budget Recognition	FY2023 Budgeted	FY2023 Revised
101-261-665.000	Interest Income Change of account type	\$ 400,800	\$ 49,200	\$ 450,000
Total 101 General Fund Revenue Recognition		\$ 400,800		
243-000-665.000	Interest Income Change of account type	\$ 41,000	\$ 4,000	\$ 45,000
Total 243 Brownfield Redevelopment Authority Revenue Recognition		\$ 41,000		
248-000-665.000	Interest Income Change of account type	\$ 41,200	\$ 3,800	\$ 45,000
Total 248 Downtown Development Authority Revenue Recognition		\$ 41,200		
262-000-665.000	Interest Income Change of account type	\$ 9,600	\$ 1,400	\$ 11,000
Total 262 Federal Drug Fund Revenue Recognition		\$ 9,600		
265-000-665.000	Interest Income Change of account type	\$ 6,900	\$ 2,100	\$ 9,000
Total 265 State Drug Fund Revenue Recognition		\$ 6,900		
266-000-665.000	Interest Income Change of account type	\$ 1,900	\$ 400	\$ 2,300
Total 266 MS Drug Fund Revenue Recognition		\$ 1,900		
285-000-665.000	Interest Income Change of account type	\$ 56,700	\$ 3,300	\$ 60,000
Total 285 American Rescue Act Plan Revenue Recognition		\$ 56,700		
446-000-665.000	Interest Income Change of account type	\$ 5,500	\$ 1,000	\$ 6,500
Total 446 Township Improvement Revolving Fund Revenue Recognition		\$ 5,500		
588-000-665.000	Interest Income Change of account type	\$ 1,300	\$ 400	\$ 1,700
Total 588 Transportation Fund Revenue Recognition		\$ 1,300		
592-000-665.000	Interest Income Change of account type	\$ 550,000	\$ 100,000	\$ 650,000
Total 592 Water & Sewer Fund Revenue Recognition		\$ 550,000		
All Funds - Revenue Recognition		\$ 1,114,900		



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 25, 2023

ITEM: Resolution to revise the water and sewer rate schedule effective August 1, 2023

PRESENTER: Bob Doroshewitz, Treasurer

BACKGROUND: The Charter Township of Plymouth Water and Sewer Ordinance provides that pertinent fees and rates for connection to, use, access, construction and service by the Township Water and Sewer System shall be set by Township Board Resolution.

Data and analysis supporting a 2% rate increase are provided. Such an increase would:

- Increase the Water Consumption Rate from \$5.88 to \$5.99 per 1000 gallons.
- Increase the Sewer Disposal Use Rate from \$4.84 to \$4.94 per 1000 gallons.

ATTACHMENTS:

- 1) Breakeven Rate Analysis

PROPOSED RESOLUTION: I move to approve Resolution # **2023-07-25-57**, effective August 1, 2023, to revise the Plymouth Township Comprehensive Fee Schedule to reflect a 2% water and sewer rate increase. The new Water Consumption Rate will be \$5.99 per 1000 gallons and the new Sewer Disposal Use Rate will be \$4.94 per 1000 gallons.

Moved By _____ Seconded By _____

ROLL CALL:

_____ JB _____ CC _____ BD _____ KH _____ AM _____ JS _____ JV

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

RESOLUTION # 2023-07-25-57

WATER & SEWER RATE ADJUSTMENT

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 July 25, 2023, the following resolution was offered:

WHEREAS, it is the intention of the Board to comply with the Water & Sewer Ordinance which requires that all pertinent fees and rates for connection to, use, access, construction and service by the Township Water and Sewer System be set by board resolution; and

WHEREAS, effective August 1, 2023, the Great Lakes Water Authority will increase the wholesale water rates charged to Plymouth Township by 6.2% per 1,000 gallons; and

WHEREAS, to continue to cover annual operating expenses of the Water & Sewer Department while setting aside money for future capital improvements, a 2% increase in both water and sewage usage rates is justified and necessary;

NOW, THEREFORE BE IT RESOLVED that, effective August 1, 2023, the water rate be increased from \$5.88 to \$5.99 and the sewage disposal rate be increased from \$4.84 to \$4.94 per 1,000 gallons of water.

Present: [Buckley, Curmi, Doroshewitz, Heise, Monaghan, Stewart, Vorva]

Moved by:

Supported by:

Roll Call Vote

Ayes:

Nays:

Adopted: Regular Meeting of the Board of Trustees on July 25, 2023

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.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution: 2023-07-25-57

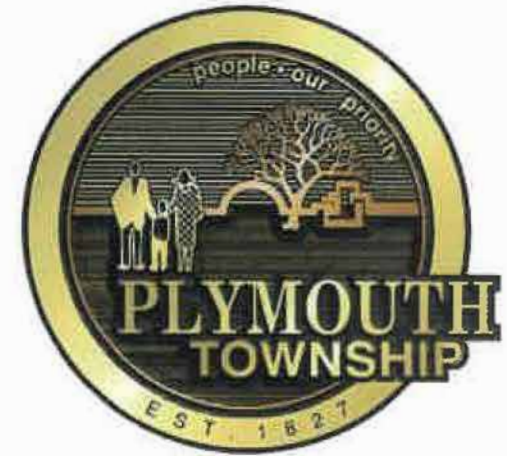
Plymouth Township Water and Sewer Rate Calculation July 1, 2023 - June 30, 2024					
Item	Who	Budgeted 2023-24	Actual 2022-23	Actual 2021-22	
Volume Assumed to be Sold (in '000 gals)	GLWA	1,213,163	1,203,440	1,210,920	
Wholesale Rate to be Charged (per '000 gals)	GLWA	\$4.23	\$4.00	\$3.87	
Half Year Pro Rata		\$3.99			

Sources of Revenue					
Water Charges	GLWA	\$6,903,504	\$6,722,416	\$6,702,401	GLWA Calculated
Sewage Charges	WTUA	\$5,280,937	\$5,134,577	\$5,207,067	PT Calculated incl IWD charges
WTUA Capital Charges	WTUA	\$0	\$1,226,624	\$1,461,639	On Bills
SC - Service / Meter Charges	PT	\$230,000	\$233,536		Separate Meter Charges
Benefit and Tap Fees	PT	\$797,600	\$545,400	\$442,890	PT budget
Interest Income and Penalties	PT	\$639,000	\$545,400		
Miscellaneous (Install + Other Rev)	PT	\$420,900	\$325,000	\$319,881	PT Budget
Total Revenue		\$14,271,941	\$14,732,953	\$14,133,878	

Operating Expenses					
Cost of Water	GLWA	\$5,133,852	\$4,726,800	\$4,591,254	from GLWA
Adjustment - Half Year Pro Rata	GLWA	-\$171,258			From Half Year Pro Rata
Cost of Sewage Treatment, O&M, Admin	WTUA	\$2,337,635	\$2,012,593	\$1,959,923	WTUA to provide
Administrative and Other Operations	WTUA	\$158,000			
Overhead - Salaries, Benefits, Operations	PT	\$2,308,600	\$1,628,000	\$1,480,000	
Professional Services	PT	\$862,300			4 year average
Maintenance and Restoration (Breaks, Repairs)	PT	\$125,000			4 year average
Miscellaneous	PT	\$25,000	\$750,000	\$659,000	4 year average
Debt and Capital					
Principal & Interest on WTUA debt	WTUA	\$0	\$1,472,700	\$1,591,249	WTUA - Lowe Rouge Expansion
WTUA Long-Term CIP Fund - WTUA	WTUA	\$150,000	\$200,000	\$182,004	WTUA to provide - \$150,000
Capital Assets - Plymouth Township	PT	\$900,000	\$350,000	\$847,031	
Interest on PT debt	PT	\$125,000	\$125,000	\$134,924	Debt service
Total Operating Expenses		\$11,954,129	\$11,265,093	\$11,445,385	
Investment					
Depreciation (WTUA) (Change in investment)	WTUA	\$950,000	\$950,000	\$946,931	WTUA to provide
Depreciation (PT)	PT	\$1,350,000	\$1,400,000	\$1,309,569	PT Budget
Surplus		\$2,317,812	\$3,467,860	\$2,688,493	
Impact to Net Position (Surplus minus Deprec)		\$17,812	\$1,117,860	\$2,688,493	

Water Rate		5.99	5.88	5.82
Sewer Rate		4.94	4.84	4.79
Total Rate		10.93	10.72	10.61
Cost W/O Depreciation and Capital Expenses		8.89		
Increase % Year over Year		2.0%	1.0%	0.0%

0.0105 Per Gallon



2023 – 24 Water & Sewer Rate Adjustment Analysis

**Bob Doroshewitz
Patrick Fellrath**

Water & Sewer Charges Need to Cover

1) Operating Costs

- GLWA (water)
- WTUA (sewerage and capital)
- Overhead

2) Debt & Capital

3) Future Infrastructure Requirements

- Water mains - est. 1MM per half mile
- Run rate for sewer lining per SAW grants
- Water Tower lifecycle maintenance (7-15 years)

Key Points

- GLWA Wholesale Water Increased 6.2%
- WTUA Long term debt retired (\$1.4MM)
- Interest Income for 2023 = \$650K
- Projected demand is flat
- FY for GLWA is Aug-Jul; WTUA is Sep-Aug

Goal is to recover costs and accumulate reasonable surplus to fund future projects. Meters are approaching EOL, major project budgets are separate.

Recommendations

- Eliminate WTUA Capital Charges
- Increase W&S Rates by 2.0%
- Rates Effective 8/1/23 thru 7/31/24
- New cost per gallon 1.083 cents



WTUA Capital Charges

PER 1,000 GALLONS		WATER BILLING CODES & CHARGES												
WATER RATE*	SEWER RATE*													
5.88	4.84	QUARTERLY					MONTHLY							
RATE CODE	METER SIZE	MINIMUM GALLONS	WATER CHARGE (WC)	SEWER CHARGE (SD)	SERVICE CHARGE (SC)	WTUA	RATE CODE	METER SIZE	MINIMUM GALLONS	WATER CHARGE (WC)	SEWER CHARGE (SD)	SERVICE CHARGE (SC)	WTUA	IWC
1	5/8"	5	29.40	24.20	5.40	15.69	1	5/8"	2	11.76	9.68	1.80	5.23	10.15
2	3/4"	6	35.28	29.04	5.40	23.52	2	3/4"	3	17.64	14.52	1.80	7.84	15.23
3	1"	10	58.80	48.40	5.40	39.21	3	1"	4	23.52	19.36	1.80	13.07	25.38
4	1 1/4"	15	88.20	72.60	10.50	58.83	4	1 1/4"	6	35.28	29.04	3.50	19.61	
5	1 1/2"	15	88.20	72.60	11.25	78.42	5	1 1/2"	6	35.28	29.04	3.75	26.14	55.84
6	2"	15	88.20	72.60	12.00	125.49	6	2"	6	35.28	29.04	4.00	41.83	81.22
7	3"	15	88.20	72.60	24.00	326.25	7	3"	6	35.28	29.04	8.00	108.75	147.20
8	4"	20	117.60	96.80	30.00	564.67	8	4"	8	47.04	38.72	10.00	188.22	203.04
9	6"	20	117.60	96.80	36.00	1210.90	9	6"	8	47.04	38.72	12.00	403.63	304.56
10	8"	20	117.60	96.80	54.00	1960.66	10	8"	8	47.04	38.72	18.00	653.55	507.60
11	10"	20	117.60	96.80	72.00	3097.84	11	10"	8	47.04	38.72	24.00	1032.61	710.64

BOT – 3@\$15.69; 1@\$23.52; 3@\$39.21

Neighbors

Community	Water	Sewer	Combined	Surcharges
Canton Twp	\$ 7.44	\$ 3.18	\$ 10.62	Higher
Plymouth Twp	\$ 5.88	\$ 4.84	\$ 10.72	
Northville Twp	\$ 6.33	\$ 4.94	\$ 11.27	Higher
Plymouth City	\$ 6.48	\$ 8.32	\$ 14.80	Lower
Northville City	\$ 11.85	\$ 8.35	\$ 15.81	Lower – Dual Sewer (\$4.78)
Livonia	\$ 3.85	\$ 3.86	\$ 7.72	750 Gals (Adj)

2023-24 GLWA Rates

- Rates Effective **August 1**, 2023
- GLWA Costs are 60% fixed – 40% variable
- Fixed Cost = \$240,700 per month
- Variable Cost = \$1.6926 per gallon (000s)
- Estimated Usage per GLWA = 1,213,164 gallons
- Total Cost = \$4.23 per gallon (000s) *

* Assuming Estimated Usage is Accurate

Sample Residential Water Bill

REMIT TO: CHARTER TOWNSHIP OF PLYMOUTH
P.O. BOX 3040
PLYMOUTH, MI 48170

RETURN SERVICE REQUESTED

ACCOUNT NUMBER 03256 BILLING ZONE 3
ADDRESS [REDACTED]

DATE OF READING	*CODE	AMOUNT
5/2/2022	AR	\$0.00
FROM: 02/01/2022	WC	\$46.56
TO: 04/30/2022	SD	\$38.32
	SWD	\$47.25
	WTUA	\$15.69
	SC	\$5.40

READINGS
PRESENT 628 PREVIOUS 620

USAGE IN 1000 GALLONS
8

DATE DUE 06/20/2022 AMOUNT DUE \$153.22

AFTER DUE DATE AMOUNT DUE \$160.88

KEEP THIS STUB FOR YOUR RECORDS

Happy Summer!
Use your meter to monitor
Water irrigation systems!

- Common Codes
 - AR – Arrearage
 - WC – Water Charge
 - SD – Sewage Disposal
 - SWD – Trash pickup
 - WTUA – Sew Surcharge
 - SC – Service Charge
 - SDCR – 25% Sewer Credit
- Other Codes
 - E – Estimated Consumption
 - WD/DS – Water / Sewer Debt
 - IWC – Industrial Waste Control
 - Other – Miscellaneous
 - IPP – Industrial
 - CCP – Cross Connection

Breakeven Rate Analysis

Plymouth Township Water and Sewer Rate Calculation July 1, 2023 - June 30, 2024					
Item	Who	Budgeted 2023-24	Actual 2022-23	Actual 2021-22	
Volume Assumed to be Sold (in '000 gals)	GLWA	1,213,163	1,203,440	1,210,920	
Wholesale Rate to be Charged (per '000 gals)	GLWA	\$4.23	\$4.00	\$3.87	
Half Year Pro Rata		\$3.99			Rates adjusted halfway through FY
Sources of Revenue					
Water Charges	GLWA	\$6,903,504	\$6,722,416	\$6,702,401	Calculated
Sewage Charges	WTUA	\$5,280,937	\$5,134,577	\$5,207,067	Calculated, includes IPP
WTUA Capital Charges	WTUA	\$0	\$1,226,624	\$1,461,639	Debt Service
SC - Service / Meter Charges	PT	\$230,000	\$233,536		Meter charges
Benefit and Tap Fees	PT	\$797,600	\$545,400	\$442,890	Forecasted on PT budget
Interest Income and Penalties	PT	\$639,000	\$545,400		Interest on savings and late fees
Miscellaneous (Install + Other Rev)	PT	\$420,900	\$325,000	\$319,881	Several PT budget line items
Total Revenue		\$14,271,941	\$14,732,953	\$14,133,878	
Operating Expenses					
Cost of Water	GLWA	\$5,133,852	\$4,726,800	\$4,591,254	GLWA Projected
Adjustment - Half Year Pro Rata	GLWA	-\$171,258			From Half Year Pro Rata
Cost of Sewage Treatment, O&M, Admin	WTUA	\$2,337,635	\$2,012,593	\$1,959,923	WTUA Budget
Administrative and Other Operations	WTUA	\$158,000			WTUA Budget
Overhead - Salaries, Benefits, Operations	PT	\$2,308,600	\$1,628,000	\$1,480,000	
Professional Services	PT	\$862,300			
Maintenance and Restoration (Breaks, Repairs)	PT	\$125,000			
Miscellaneous	PT	\$25,000	\$750,000	\$659,000	
Debt and Capital					
Principal & Interest on WTUA debt	WTUA	\$0	\$1,472,700	\$1,591,249	WTUA - Lowe Rouge Expansion
WTUA Long-Term CIP Fund - WTUA	WTUA	\$150,000	\$200,000	\$182,004	WTUA
Capital Assets - Plymouth Township	PT	\$900,000	\$350,000	\$847,031	
Interest on PT debt	PT	\$125,000	\$125,000	\$134,924	Debt service
Total Operating Expenses		\$11,954,129	\$11,265,093	\$11,445,385	
Investment					
Depreciation (WTUA) (Change in investment)	WTUA	\$950,000	\$950,000	\$946,931	WTUA to provide
Depreciation (PT)	PT	\$1,350,000	\$1,400,000	\$1,309,569	PT Budget
Surplus		\$2,317,812	\$3,467,860	\$2,688,493	
Impact to Net Position (Surplus minus Deprec)		\$17,812	\$1,117,860	\$2,688,493	
Summary Rates					
Water Rate		5.99	5.88	5.82	
Sewer Rate		4.94	4.84	4.79	
Total Rate		10.93	10.72	10.61	
Cost W/O Depreciation and Capital Expenses		8.89			
Increase % Year over Year		2.0%	1.0%	0.0%	

Historical Retail Rates

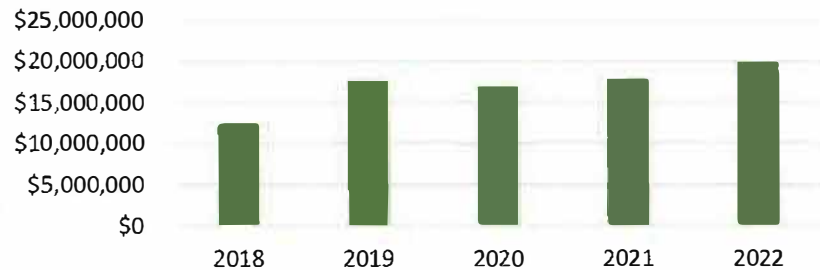
	Water	Sewer	Combined	Increase
2022-23	5.88	4.84	10.72	1.0%
2021-22	5.82	5.79	10.61	0.0%
2020-21	5.82	4.79	10.61	4.0%
2019-20	5.60	4.60	10.20	0.0%
2018-19	4.08	6.12	10.20	0.0%
2017-18	4.08	6.12	10.20	7.9%
2016-17	3.78	5.67	9.45	-4.8%

Impact on Cash

TREND CHANGES IN CURRENT ASSETS and NET POSITION

Year	Current Assets	Net Position
2016	\$8,984,338	\$54,424,946
2017	\$11,278,183	\$57,001,199
2018	\$12,483,034	\$59,317,475
2019	\$17,585,254	\$62,550,654
2020	\$17,029,088	\$67,186,717
2021	\$17,913,304	\$70,087,444
2022	\$19,831,556	\$73,426,602

Current Assets



Net Position

