

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

Tuesday, August 22, 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

- **STATE SENATOR ROSEMARY BAYER – LEGISLATIVE UPDATE**
- **RECOGNITION OF PLYMOUTH TOWNSHIP DETECTIVE TOM CHAMPAGNE FOR H.S.I. MICHIGAN TASK FORCE OFFICER OF THE YEAR AWARD**

C. APPROVAL OF AGENDA

- Tuesday, August 22, 2023

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes

- a. Regular Meeting, July 25, 2023

D.2 Consent Agenda – New Business

- a. Approval of Water Main Easement for Critical Mass, LLC – Phoenix Mill,
Resolution # 2023-08-22-58, *Jeremy Schrot, PE, Township Engineer*
- b. Approval of Sanitary Sewer Easement for Critical Mass, LLC – Phoenix Mill,
Resolution # 2023-08-22-59, *Jeremy Schrot, PE, Township Engineer*

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- c. Approval of Storm Drain Agreement for Critical Mass, LLC – Phoenix Mill, **Resolution # 2023-08-22-60**, *Jeremy Schrot, PE, Township Engineer*
- d. Approval of Ann Arbor Road Outlot LLC - Henry Ford Health System Storm Drain Agreement, **Resolution # 2023-08-22-61**, *Jeremy Schrot, PE, Township Engineer*
- e. Approval of Henry Ford Health System Sanitary Sewer Easement, **Resolution # 2023-08-22-62**, *Jeremy Schrot, PE, Township Engineer*
- f. Approval of Henry Ford Health System Storm Drain Agreement, **Resolution # 2023-08-22-63**, *Jeremy Schrot, PE, Township Engineer*
- g. Approval of Henry Ford Health System Vacation of Existing Water Main Easement, **Resolution # 2023-08-22-64**, *Jeremy Schrot, PE, Township Engineer*
- h. Approval of Henry Ford Health System Water Main Easement, **Resolution # 2023-08-22-65**, *Jeremy Schrot, PE, Township Engineer*
- i. Approval of Purchase of 2024 Ford 250 Pickup Truck (DPW), **Resolution # 2023-08-22-66**, *Patrick Fellrath, Public Services Director*
- j. Approval of Purchase of 2024 Ford Transit Van (DPW), **Resolution # 2023-08-22-67**, *Patrick Fellrath, Public Services Director*

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

a. Reports:

- Building Department Monthly Report - July 2023
- Fire Department Monthly Report - July 2023
- Planning Department Monthly Report - July 2023
- Police Department Monthly Report - July 2023
- FOIA Monthly Report - Clerk's Office - July 2023
- FOIA Monthly Report - Police Department - July 2023

D.4 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	1,200,372.53	242,862.64	1,443,235.37
Drug Forfeiture Federal	262	.00	.00	.00
Drug Forfeiture State	265	.00	16,716.15	16,716.15
Drug Forfeiture IRS	266	85.26	.00	85.26
ARPA	285	96,838.87	86,872.00	183,710.87
Improv. Rev.	446	.00	.00	.00
Senior Transportation	588	8,358.18	160.86	8,519.04

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Water/Sewer Fund	592	334,191.04	574,773.37	908,964.41
Solid Waste Fund	596	7,797.20	117,584.13	125,381.33
Tax Pool	703	2,370.14	.00	2,370.14
Police Bond Fund	710	500.00	.00	500.00
Special Assessment Capital	805	.00	.00	.00
TOTALS:		1,650,513.22	1,038,969.35	2,689,482.57

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

F. NEW BUSINESS

1. Presentation and Resolution to Approve Western Townships Utilities Authority (WTUA) Budget for 2023-2024, **Resolution # 2023-08-22-68**, *Suzanne Balan, WTUA Finance Director*
2. Initial Appointments to Township Veterans Commission, **Resolution # 2023-08-22-69**, *Supervisor Kurt Heise*
3. Emergency Management Resolution with Wayne County and Township Support Emergency Operations Plan, **Resolution # 2023-08-22-70**, *Supervisor Kurt Heise and Fire Chief Patrick Conely*
4. Proposal for AMI Business Case Analysis, **Resolution # 2023-08-22-71**, *Treasurer Bob Doroshewitz and Patrick Fellrath, PE, Director of Public Services*

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- 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**



2023 TASK FORCE OFFICER OF THE YEAR TOM CHAMPAGNE

On August 3, 2023 Homeland Security Investigations (HSI) Special Agent in Charge Angie Salazar presented Plymouth Township Detective Tom Champagne with the task force officer of the year award for the State of Michigan. Detective Champagne assisted in developing several ongoing significant financial investigations targeting high level criminal organizations. To date, these ongoing investigations have seized approximately \$1.2 million of illicit bulk currency, 13 kilograms of fentanyl and 50 kilograms of methamphetamine. Detective Champagne is also very involved with our Plymouth Township Community, delivering multiple Fraud Prevention Seminars for our seniors.



D. I. a



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

Tuesday, July 25, 2023
7:00 PM

CALL TO ORDER AT 7:00 P.M.

A. ROLL CALL: Supervisor Heise ✓, Clerk Vorva ✓, Trustee Buckley ✓,
Trustee Curmi ✓, Trustee Stewart ✓, Treasurer Doroshewitz ✓,
Trustee Monaghan ✓

B. PLEDGE OF ALLEGIANCE Trustee Jennifer Buckley

C. APPROVAL OF AGENDA

Tuesday, July 25, 2023

Moved by Clerk Vorva and seconded by Trustee Monaghan to approve the Agenda for the Board of Trustees meeting of July 25, 2023.

All Ayes

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes

a. Regular Meeting, July 11, 2023

Moved by Clerk Vorva and seconded by Trustee Monaghan to approve the Minutes for the Board of Trustees meeting of July 11, 2023, as amended to reflect the correct wording for Trustee Buckley.

All Ayes

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:

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

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

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Special Assessment Capital	805	.00	1,246.00	1,246.00
TOTALS:		708,020.53	736,165.48	1,444,186.01

Moved by Clerk Vorva and seconded by Trustee Monaghan to approve the Consent Agenda for the Board of Trustees meeting of July 25, 2023, with the removal of D.3 a. Memo Ordinance Concerning WTUA for further discussion.

All Ayes

Trustee Curmi asked for clarification of the Western Township Utilities Authority Memo. Approval of D3. Entered through correspondence of All Ayes.

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

Stacey Romine inquired about the Residential Ground Mounted Solar Energy System. She also inquired when a second reading is necessary. It was shared that ordinances require a first and a second reading.

David Hart, Dale Bernhardt, Margaret Bechtel, Susan Kondaliv, Dr. J. Finkel, Dorka Smith, Shirley Westphal, Dennis Picard, Joyce Janikey, Mary Ann Adams, Ron Hogue, Judy Hart, Eilea Cohn, Dr. Alice Rainville, Ray Lilli, Mary Pine, Marcy Becker, Bill Pine, Guy Gignardi, and Ame Koral oppose Northville Downs.

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*

Laura Haw provided the background on Solar Energy Systems (SES) including the acknowledgment that the discussion and research began with the Township's Environmental Leadership Commission (ELC) a year ago. She also advised that many neighboring communities have already adopted SES ordinances. Ms. Haw extended expressions of congratulations and gratitude to Eric Greerlings, ELC member for his

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contributions to the research on SES. Ms. Haw provided examples of ground mounted, roof mounted, and car port SES which will be treated as an accessory.

Moved by Clerk Vorva and supported by Treasurer Doroshewitz 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.

Roll Call Vote

Ayes: Clerk Vorva, Trustee Buckley, Trustee Stewart, Treasurer Doroshewitz,

Nays: Trustee Monaghan, Trustee Curmi

Motion Passed.

2. FY2023 Budget Adjustments and FY2022 carry-forwards, **Resolution # 2023-07-35-56**, *Deputy Finance Director Carole Rochon*

Ms. Rochon provided details for the regular quarterly budget adjustments for 2022 including that more interest was earned than anticipated.

Trustee Curmi inquired if the \$139,000 expenditure for solid waste was absorbed by the interest. Ms. Rochon advised the expenditure was covered with interest earned.

Moved by Supervisor Heise and supported by Trustee Monaghan 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.

Roll Call Vote

Ayes: Trustee Monaghan, Clerk Vorva, Trustee Buckley, Trustee Curmi, Trustee Stewart, Treasurer Doroshewitz, Supervisor Heise

Nays: None

3. 2023/24 Water and Sewer Rates, **Resolution # 2023-07-25-57**, *Township Treasurer Bob Doroshewitz and Public Services Director Patrick Fellrath*

Treasurer Doroshewitz provided a summary of neighboring community water pricing as well as a break-even analysis, and historical rates. Patrick Fellrath shared insight on water towers and the use during peak hours assist with keeping rates lower.

Trustee Curmi requested a one-page analysis on eliminating WTUA.

Moved by Trustee Curmi and supported by Treasurer Doroshewitz 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

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new Sewer Disposal Use Rate will be \$4.94 per 1000 gallons.

Roll Call Vote

All Ayes

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

Mary Ann MacClaren, Chair of the ELC indicated she appreciates the Board of Trustees foresight on moving forward with the Solar Energy System Ordinance.

Dale Bernhardt shared that watching the video of meetings, the microphone does not pick up the sound. He also inquired if it is possible to get more than three minutes for public comments moving forward. The response was three minutes provides an opportunity for more community member to speak. The current three minutes is the State minimum and aligns with the Open Meetings Act.

Stacey Romine thanked the Board of Trustees for holding off on the Residential Ground Mounted Solar Energy Systems.

Dorcas Smith asked for clarification on water and sewer rates. Treasurer Doroshewitz responded that there will be a savings of \$160 a year due to the meters which is an offset, and she will see a decrease.

Todd Holgate asked for an emergency vote to investigate the police. Supervisor Heise suggested that Mr. Holgate obtain legal representation so that the Township can assist with getting help.

Mary Pine indicated her husband's comments were misunderstood from a previous meeting.

H. BOARD COMMENTS

Trustee Buckley thanked everyone that came out and spoke. She assured everyone that she is listening.

Clerk Vorva thanked everyone for coming out.

Trustee Monaghan thanked everyone for coming out. She indicated when the community comes together for the common good everyone is considered. Trustee Monaghan shared that she is in favor of solar panels but needs more information on the ground mounting.

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Trustee Curmi inquired on the billboard lawsuit status. The response was there will be rulings soon. Trustee Curmi would like a written status on the Fire Station for Wilcox Road. He expressed interest in the working group. He would also like the status on the on the smart water meters. When will the Community Benefit Agreement be available to review. The response was the Community Benefit Agreement is still being negotiated and there maybe attorney client privilege to allow review in close session.

Trustee Curmi also commented that he discouraged the Planning Commission from reducing public comment time. Treasurer Doroshewitz expressed that the Planning Commission does not want to limit public comments.

Trustee Curmi requested that the 1% tax collection be placed on the agenda for the August 22nd meeting.

Trustee Stewart thanked everyone for coming out. He also announced that his wife, Beth Stewart will be honored for community service on August 21, 2023.

Treasurer Doroshewitz shared his thoughts on the racetrack and the Township he loves. He has deep roots in the community having purchased his home and raised his family in the community. He indicated that he went to Northville Downs with is wife and had fun and he is not a gambler. He hears and listens to comments and responds to emails. He also spoke about property rights and how property rights can't be ignored. He completed research on referendum and found that there is no legal way to have a referendum that the community can vote on. He indicated that people must stop shouting at each other.

Supervisor Heise shared that there is a property rights issue relative to Northville Downs. Northville Downs owns the property subject to the racetrack. Supervisor Heise also shared the upcoming business interest in the immediate area of Northville Downs. It was also noted that Northville Downs will not be paid for with taxpayer dollars. Property rights directs the Township to stay within the confines of the law and allow due process. He defined what a Plan Unit Development (PUD) contract accomplishes. He also defined the community benefit agreement. He expressed in his opinion that it is an elected official's obligation to maximize revenues and to reduce taxes in the Township. He also emphasized that he is a Republican and outlined his background of knowledge in reference to enforcing environmental development including Pinnacle, that was referenced during public comments. Supervisor Heise advised the community is heard and asked that everyone let the lawful process play out and if Northville Downs goes through, Plymouth Township will receive a generous benefit.

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He shared the good news that the Township did get its first senior vans. Half of the cost was paid for with ARPA Funds and the balance came from the Pulte Family Trust, as well as a generous donation from the Plymouth Arts and Recreation Facility.

The August 1st study session has been cancelled as well as the regular Board of Trustees meeting August 8th.

I. ADJOURNMENT

Moved by Trustee Stewart and Supported by Clerk Vorva to adjourn the regular meeting of the Board of Trustees on July 25, 2023, at 10:07 p.m.

All Ayes

Jerry Vorva, Clerk

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CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM Critical Mass LLC - Phoenix Mill, Water Main Easement, Resolution #2023-08-22-58

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

The Board is required to approve water main easement for all projects within the Charter Township of Plymouth.

Once approved by the Board, the documents are signed by the Township Clerk, the Township Attorney and the Township Engineer before recording them with Wayne County. Once recorded, the original easement remains on file in the Clerk's office.

ACTION REQUESTED:

Approve the easement.

PROPOSED MOTION: I move to adopt **Resolution #2023-08-22-58** authorizing the Township Clerk, Township Attorney and Township Engineer to sign the water main easement for Critical Mass LLC - Phoenix Mill and to authorize the recording of same.

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

**RESOLUTION TO AUTHORIZE THE WATER MAIN EASEMENT
FOR PHOENIX MILL, 78-018-03-0073-701**

RESOLUTION #2023-08-22-58

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, on August 22, 2023, the following resolution was offered:

WHEREAS, Critical Mass LLC, located at P.O. Box 935, Plymouth, Michigan installed a water main necessary for the development of their property, and,

WHEREAS, said water main is a public water main and requires access by the Charter Township of Plymouth for routine maintenance and/or repairs to the water main;

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-58** authorizing the easement for the water main located on the property at 78-018-03-0073-701, commonly known as: Phoenix Mill, Plymouth, Michigan and grants approval for the Township Clerk, Township Attorney, and Township Engineer to sign and file the appropriate paperwork with Wayne County.

Moved by: _____ Seconded by: _____

ROLL CALL:

Heise__ Doroshewitz __ Vorva __ Buckley__ Curmi__ Monaghan__ Stewart__

EASEMENT

Critical Mass, LLC having an address of P.O. Box 935 Plymouth, MI 48170 hereinafter designated "GRANTOR", in consideration of the sum of One Dollar, receipt of which is hereby acknowledged and determined to be fair and just compensation by GRANTOR, does by these presents covenant and warrant that GRANTOR is the fee simple owner of the property described below and does grant and convey to the Plymouth Charter Township, a Michigan municipal corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter designated "GRANTEE", an easement and right of way for the purpose of installation, inspection, maintenance, repair, operation and removal of municipally owned utilities, including without limitation water, storm sewer and sanitary sewer and connections thereto, in, upon and across the property owned by GRANTOR, situated in the Plymouth Charter Township, Wayne County, Michigan and more particularly described in EXHIBIT A and B.

Parcel ID R-78-018-03-0073-701

Commonly known as Phoenix Mill

Exempt from the taxation under MCL 207.505(a) and MCL 207.526(a).

The GRANTEE, its employees, agents or independent contractors, shall have full right upon said property and ingress and egress thereto for the purpose of constructing, installing, maintaining, repairing, altering or removing the aforementioned facilities. Further, for the purpose of storing or moving machinery, materials or other incidentals in connection with and during the construction or maintenance of said work, GRANTEE, its employees, agents or independent contractors, shall have a right of access and use over and across adjoining lands of GRANTOR. Reasonable caution shall be observed by GRANTEE, its employees, agents and independent contractors, for the protection of trees, shrubs, fences and other improvements belonging to GRANTOR. All surplus earth shall be removed from the property or deposited on the property in a manner satisfactory to GRANTOR. Upon completion of installation, construction, maintenance, repairs, alteration or removal of said facilities, the premises shall be left as nearly as reasonably possible in the same condition as before such work began and all machinery, materials and equipment removed.

The granting of the easement as stated herein shall vest in the GRANTEE authority to use said property for the purposes herein designated. This grant of easement shall run with the land and be binding upon the heirs, successors and assigns of GRANTOR and GRANTEE. It is understood and agreed that any and all improvements or appurtenances of the municipally owned utilities in the easement premises shall become and remain at all times the property of the GRANTEE, its successors and assigns, and subject to the GRANTEE'S fees, rules, regulations and ordinances.

END OF PAGE

IN WITNESS WHEREOF, GRANTOR has executed this instrument on 26th June, 2023.

Critical Mass, LLC

Gregory Donofrio, Owner

State of MI)
County of Wayne)ss.

The foregoing instrument was acknowledged before me this June 26th 2013, by Gregory Donofrio, Owner.

HEATHER WILSON
Notary Public, State of Michigan
County of Genesee

My Commission Expires 10-11-2024
Acting in the County of Carlin

Notary Public, Oakland County, Michigan

My commission expires: 10/11/2024

This instrument drafted by:

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

After recording return this instrument to:

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

This instrument approved as to form and substance by the Attorney for the Plymouth Charter Township, on _____, 20____.

Kevin Bennett, Township Attorney

The easement description is approved as to form only by Engineer for the Plymouth Charter Township on _____, 20____.

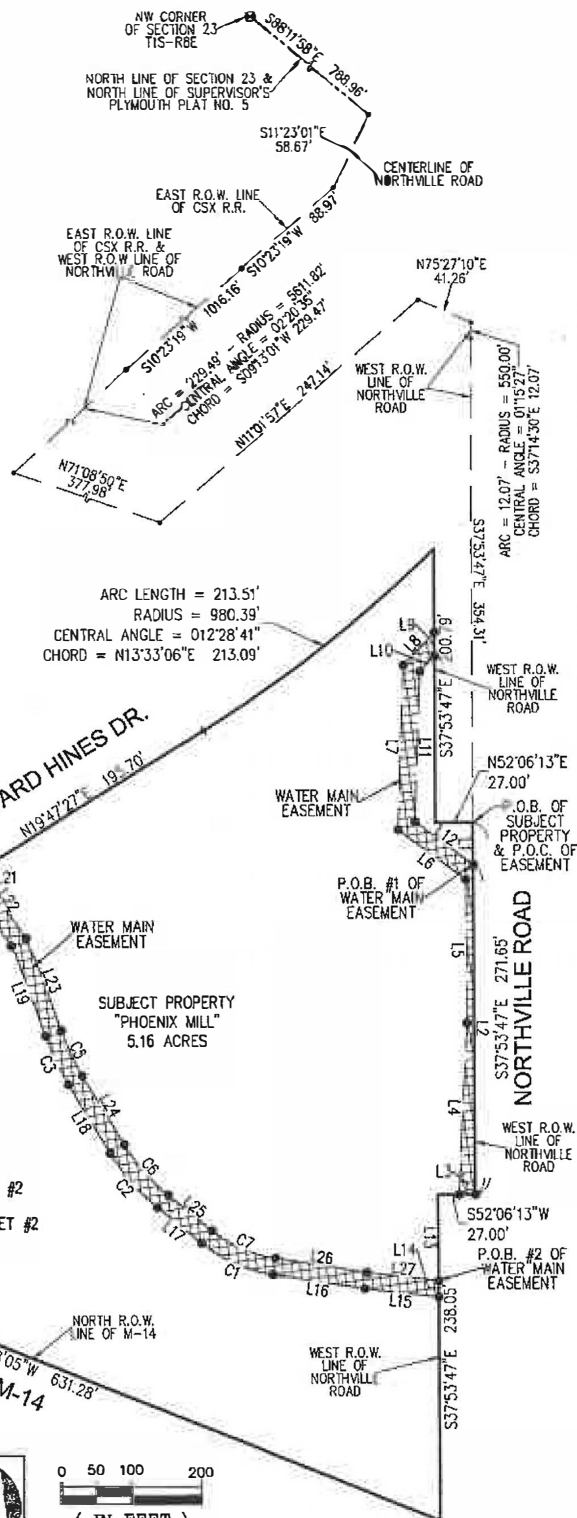
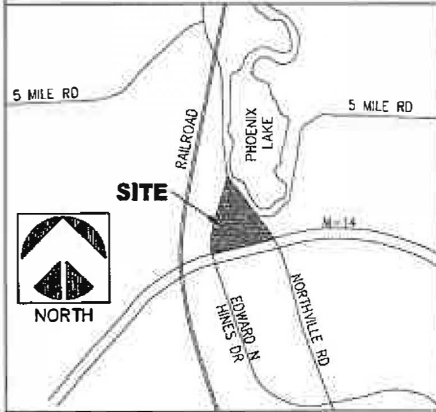
Jeremy Schrot, P.E., Township Engineer

This instrument accepted by the Board of Trustees of the Plymouth Charter Township at its meeting of _____, 20____, and directed to be recorded.

Jerry Vorva, Plymouth Charter Township Clerk

EXHIBIT "B"

LOCATION MAP — NOT TO SCALE



LEGEND

- P.O.B. — POINT OF BEGINNING
- P.O.C. — POINT OF COMMENCEMENT
- L11 — LINE TAG # — SEE SHEET #2
- C2 — CURVE TAG # — SEE SHEET #2

WATER MAIN EASEMENT & LEGAL DESCRIPTION

FOR: PHOENIX MILL SITE RESTORATION
PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN

THE UMLOR GROUP
49287 West Road
Wyom, Michigan 48393
Tel. (248) 773-7858
Fax. (866) 690-4307

DRAWN BY: BDR
CHKD BY: WLOU
DATE: 08-18-2021
SHT. NO.: 1 OF 2



0 50 100 200
(IN FEET)
1 inch = 100 ft.

EXHIBIT "B"

LEGAL DESCRIPTION OF SUBJECT PARCEL

LAND SITUATED IN THE TOWNSHIP OF PLYMOUTH, COUNTY OF WAYNE, STATE OF MICHIGAN, MORE PARTICULARLY DESCRIBED AS:

A PART OF LOTS 73 AND 76, OF "SUPERVISOR'S PLYMOUTH PLAT NO. 5 AS RECORDED IN LIBER 66 OF PLATS, PAGE 36, RECORDS OF WAYNE COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTHWEST CORNER OF SECTION 23, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE SOUTH 88 DEGREES 11 MINUTES 58 SECONDS EAST 788.96 FEET ALONG THE NORTH LINE OF SECTION 23, BEING ALSO THE NORTH LINE OF SUPERVISOR'S PLYMOUTH PLAT NO. 5 TO A POINT IN THE CENTERLINE OF NORTHVILLE ROAD AS PLATTED; THENCE SOUTH 11 DEGREES 23 MINUTES 01 SECONDS EAST 58.67 FEET ALONG SAID CENTERLINE TO THE EAST RIGHT OF WAY LINE OF THE CSX RAILROAD (FORMERLY PERE MARQUETTE); THENCE SOUTH 10 DEGREES 23 MINUTES 19 SECONDS WEST 88.97 FEET ALONG SAID LINE TO THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD, BEING ALSO THE NORTH-MOST POINT OF LOT 87 AND A CORNER OF LOT 74 OF SAID PLAT; THENCE THE FOLLOWING TWO (2) CURVES ALONG THE EAST LINE OF LOT 74, BEING ALSO THE EAST RIGHT OF WAY FOR CSX RAILROAD: (1) SOUTH 10 DEGREES 23 MINUTES 19 SECONDS WEST 1,016.16 FEET, AND (2) 229.49 FEET ALONG A TANGENT CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 5611.82 FEET, A CENTRAL ANGLE OF 2 DEGREES 20 MINUTES 35 SECONDS, AND LONG CHORD BEARING SOUTH 09 DEGREES 13 MINUTES 01 SECONDS WEST 229.47 FEET TO THE NORTHWEST CORNER OF LOT 73; THENCE NORTH 71 DEGREES 08 MINUTES 50 SECONDS EAST 377.98 FEET; THENCE NORTH 11 DEGREES 01 MINUTES 57 SECONDS EAST 247.14 FEET; THENCE NORTH 75 DEGREES 27 MINUTES 10 SECONDS EAST 41.25 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD AS PLATTED; THENCE THE FOLLOWING TWO CURVES ALONG SAID WEST PLATTED RIGHT OF WAY LINE: (1) ALONG A NON-TANGENT CURVE TO THE LEFT 12.07 FEET, SAID CURVE HAVING A RADIUS OF 550.00 FEET, A CENTRAL ANGLE OF 1 DEGREE 15 MINUTES 27 SECONDS, AND A LONG CHORD BEARING SOUTH 37 DEGREES 14 MINUTES 30 SECONDS EAST 12.07 FEET, AND (2) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 354.31 FEET TO THE POINT OF BEGINNING; THENCE THE FOLLOWING THREE (3) CURVES ALONG THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD AS WIDENED: (1) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 271.65 FEET, AND (2) SOUTH 52 DEGREES 06 MINUTES 13 SECONDS WEST 27.00 FEET, AND (3) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 238.05 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE OF M-14 (300 FEET WIDE); THENCE SOUTH 74 DEGREES 18 MINUTES 05 SECONDS WEST 631.28 FEET ALONG SAID NORTH RIGHT OF WAY LINE TO A POINT ON THE EAST RIGHT OF WAY LINE OF EDWARD HINES DRIVE (120 FEET WIDE); THENCE THE FOLLOWING THREE CURVES ALONG SAID EAST RIGHT OF WAY LINE: (1) ALONG A NON-TANGENT CURVE TO THE RIGHT 346.58 FEET, SAID CURVE HAVING A RADIUS OF 937.94 FEET, A CENTRAL ANGLE OF 21 DEGREES 10 MINUTES 18 SECONDS, AND A LONG CHORD BEARING NORTH 09 DEGREES 12 MINUTES 18 SECONDS EAST 344.62 FEET, AND (2) NORTH 19 DEGREES 47 MINUTES 27 SECONDS EAST 195.70 FEET, AND (3) ALONG A TANGENT CURVE TO THE LEFT 213.52 FEET, SAID CURVE HAVING A RADIUS OF 980.39 FEET, A CENTRAL ANGLE OF 12 DEGREES 28 MINUTES 42 SECONDS, AND A LONG CHORD BEARING NORTH 13 DEGREES 33 MINUTES 06 SECONDS EAST 213.09 FEET TO A POINT ON THE WEST RIGHT OF WAY OF NORTHVILLE ROAD AS WIDENED; THENCE THE FOLLOWING TWO (2) CURVES ALONG SAID WEST RIGHT OF WAY LINE: (1) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 200.79 FEET, AND NORTH 52 DEGREES 06 MINUTES 13 SECONDS EAST 27.00 FEET TO THE POINT OF BEGINNING.

LEGAL DESCRIPTION OF WATER MAIN EASEMENT

LAND SITUATED IN THE TOWNSHIP OF PLYMOUTH, COUNTY OF WAYNE, STATE OF MICHIGAN, MORE PARTICULARLY DESCRIBED AS:

COMMENCING AT THE POINT OF BEGINNING OF THE SUBJECT PROPERTY; THENCE ALONG THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD SOUTH 37°53'47" EAST 30.90 FEET TO POINT OF BEGINNING #1 OF THE EASEMENT; THENCE CONTINUING ALONG SAID LINE SOUTH 37°53'47" EAST 240.75 FEET; THENCE SOUTH 52°06'13" WEST 11.77 FEET; THENCE NORTH 34°55'48" WEST 124.55 FEET; THENCE NORTH 38°00'42" WEST 105.51 FEET; THENCE SOUTH 89°21'22" WEST 60.71 FEET; THENCE NORTH 35°53'59" WEST 120.74 FEET; THENCE NORTH 05°23'30" EAST 33.04 FEET; THENCE SOUTH 37°53'47" EAST 17.50 FEET; THENCE SOUTH 05°23'30" WEST 15.78 FEET; THENCE SOUTH 35°53'59" EAST 110.00 FEET; THENCE NORTH 89°21'22" EAST 52.33 FEET TO SAID POINT OF BEGINNING #1;

ALSO

COMMENCING AT THE POINT OF BEGINNING OF THE SUBJECT PROPERTY; THENCE ALONG THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD SOUTH 37°53'47" EAST 271.65 FEET; THENCE SOUTH 52°06'13" WEST 27.00 FEET; THENCE SOUTH 37°53'47" EAST 63.51 FEET TO POINT OF BEGINNING #2 OF THE EASEMENT; THENCE CONTINUING SOUTH 37°53'47" EAST 12.08 FEET; THENCE SOUTH 58°54'09" WEST 53.60 FEET; THENCE SOUTH 61°19'46" WEST 67.22 FEET; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 106.00 FEET, AN ARC LENGTH OF 57.17 FEET, A CENTRAL ANGLE OF 30°54'12", AND A CHORD BEARING AND DISTANCE OF SOUTH 76°46'52" WEST 56.48 FEET; THENCE NORTH 87°46'02" WEST 40.57 FEET; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 156.00 FEET, AN ARC LENGTH OF 52.19 FEET, A CENTRAL ANGLE OF 19°10'11", AND A CHORD BEARING AND DISTANCE OF NORTH 78°10'56" WEST 51.95 FEET; THENCE NORTH 68°35'51" WEST 58.19 FEET; THENCE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 206.00 FEET, AN ARC LENGTH OF 39.15 FEET, A CENTRAL ANGLE OF 10°53'22", AND A CHORD BEARING AND DISTANCE OF NORTH 63°09'09" WEST 39.09 FEET; THENCE NORTH 57°42'28" WEST 70.12 FEET; THENCE NORTH 71°46'26" WEST 58.70 FEET TO A POINT ON THE EAST RIGHT OF WAY LINE OF EDWARD HINES DRIVE; THENCE ALONG SAID LINE ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 937.94 FEET, AN ARC LENGTH OF 7.53 FEET, A CENTRAL ANGLE OF 00°27'35", AND A CHORD BEARING AND DISTANCE OF NORTH 19°33'40" EAST 7.53 FEET; THENCE CONTINUING ALONG SAID RIGHT OF WAY LINE NORTH 19°47'27" EAST 4.48 FEET; THENCE SOUTH 71°46'26" EAST 59.88 FEET; THENCE SOUTH 57°42'28" EAST 71.60 FEET; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 194.00 FEET, AN ARC LENGTH OF 36.87 FEET, A CENTRAL ANGLE OF 10°53'22", AND A CHORD BEARING AND DISTANCE OF SOUTH 63°09'09" EAST 36.82 FEET; THENCE SOUTH 68°35'51" EAST 58.19 FEET; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 144.00 FEET, AN ARC LENGTH OF 48.18 FEET, A CENTRAL ANGLE OF 19°10'11", AND A CHORD BEARING AND DISTANCE OF SOUTH 78°10'56" EAST 47.95 FEET; THENCE SOUTH 87°46'02" EAST 40.57 FEET; THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 94.00 FEET, AN ARC LENGTH OF 50.70 FEET, A CENTRAL ANGLE OF 30°54'12", AND A CHORD BEARING AND DISTANCE OF NORTH 76°46'52" EAST 50.09 FEET; THENCE NORTH 61°19'46" EAST 66.97 FEET; THENCE NORTH 58°54'09" EAST 51.92 FEET TO A POINT ON SAID WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD AND SAID POINT OF BEGINNING #2.

CURVE TABLE					
CURVE #	RADIUS	ARC LENGTH	CENTRAL ANGLE	CHORD DIRECTION	CHORD LENGTH
C1	106.00'	57.17'	30°54'12"	S78°46'52"W	56.48'
C2	156.00'	52.19'	19°10'11"	N78°10'56"W	51.95'
C3	206.00'	39.15'	10°53'22"	N63°09'09"W	39.09'
C4	937.94'	7.53'	0°27'35"	N19°33'40"E	7.53'
C5	194.00'	36.87'	10°53'22"	S63°09'09"E	36.82'
C6	144.00'	48.18'	19°10'11"	S78°10'56"E	47.95'
C7	94.00'	50.70'	30°54'12"	N76°46'52"E	50.09'

LINE TABLE			LINE TABLE		
LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S37°53'47"E	30.90'	L15	S58°54'09"W	53.60'
L2	S37°53'47"E	240.75'	L16	S61°19'46"W	67.22'
L3	S52°06'13"W	11.77'	L17	N87°46'02"W	40.57'
L4	N34°55'48"W	124.55'	L18	N68°35'51"W	58.19'
L5	N38°00'42"W	105.51'	L19	N57°42'28"W	70.12'
L6	S89°21'22"W	60.71'	L20	N71°46'26"W	58.70'
L7	N35°53'59"W	120.74'	L21	N19°47'27"E	4.48'
L8	N05°23'30"E	33.04'	L22	S71°46'26"E	59.88'
L9	S37°53'47"E	17.50'	L23	S57°42'28"E	71.60'
L10	S05°23'30"W	15.78'	L24	S68°35'51"E	58.19'
L11	S35°53'59"E	110.00'	L25	S87°46'02"E	40.57'
L12	N89°21'22"E	52.33'	L26	N61°19'46"E	66.97'
L13	S37°53'47"E	63.51'	L27	N58°54'09"E	51.92'
L14	S37°53'47"E	12.08'			

WATER MAIN EASEMENT & LEGAL DESCRIPTION	
FOR: PHOENIX MILL SITE RESTORATION PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN	
THE UMLOR GROUP 49287 West Road Wixom, Michigan 48393 Tel. (248) 773-7858 Fax. (866) 690-4307	DRAWN BY: BDR CHKD BY: WLOU DATE: 06-18-2021 SHT. NO.: 2 OF 2



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Critical Mass, LLC – Phoenix Mill, Sanitary Sewer Easement, Resolution #2023-08-22-59

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

The Board is required to approve sanitary sewer easement for all projects within the Charter Township of Plymouth.

Once approved by the Board, the documents are signed by the Township Clerk, the Township Attorney and the Township Engineer before recording them with Wayne County. Once recorded, the original easement remains on file in the Clerk's office.

ACTION REQUESTED:

Approve the easement.

PROPOSED MOTION: I move to adopt **Resolution #2023-08-22-59**, authorizing the Township Clerk, Township Attorney and Township Engineer to sign the sanitary sewer easement for Critical Mass LLC, - Phoenix Mill and to authorize the recording of same.

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

**RESOLUTION TO AUTHORIZE THE SANITARY SEWER EASEMENT
FOR PHOENIX MILL, 78-018-03-0073-701**

RESOLUTION #2023-08-22-59

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, on August 22, 2023, the following resolution was offered:

WHEREAS, Critical Mass LLC, located at P.O. Box 935 Plymouth, Michigan installed a sanitary sewer necessary for the development of their property, and,

WHEREAS, said sanitary sewer is a public sanitary sewer and requires access by the Charter Township of Plymouth for routine maintenance and/or repairs to the sanitary sewer;

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-59** authorizing the easement for the sanitary sewer located on the property at 78-018-03-0073-701 commonly known as: Phoenix Mill, Plymouth, Michigan and grants approval for the Township Clerk, Township Attorney, and Township Engineer to sign and file the appropriate paperwork with Wayne County.

Moved by: _____ Seconded by: _____

ROLL CALL:

Heise___ Doroshewitz___ Vorva___ Buckley___ Curmi___ Monaghan___ Stewart___

EASEMENT

Critical Mass, LLC having an address of P.O. Box 935 Plymouth, MI 48170 hereinafter designated "GRANTOR", in consideration of the sum of One Dollar, receipt of which is hereby acknowledged and determined to be fair and just compensation by GRANTOR, does by these presents covenant and warrant that GRANTOR is the fee simple owner of the property described below and does grant and convey to the Plymouth Charter Township, a Michigan municipal corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter designated "GRANTEE", an easement and right of way for the purpose of installation, inspection, maintenance, repair, operation and removal of municipally owned utilities, including without limitation water, storm sewer and sanitary sewer and connections thereto, in, upon and across the property owned by GRANTOR, situated in the Plymouth Charter Township, Wayne County, Michigan and more particularly described in EXHIBIT A and B.

Parcel ID R-78-018-03-0073-701

Commonly known as Phoenix Mill

Exempt from the taxation under MCL 207.505(a) and MCL 207.526(a).

The GRANTEE, its employees, agents or independent contractors, shall have full right upon said property and ingress and egress thereto for the purpose of constructing, installing, maintaining, repairing, altering or removing the aforementioned facilities. Further, for the purpose of storing or moving machinery, materials or other incidentals in connection with and during the construction or maintenance of said work, GRANTEE, its employees, agents or independent contractors, shall have a right of access and use over and across adjoining lands of GRANTOR. Reasonable caution shall be observed by GRANTEE, its employees, agents and independent contractors, for the protection of trees, shrubs, fences and other improvements belonging to GRANTOR. All surplus earth shall be removed from the property or deposited on the property in a manner satisfactory to GRANTOR. Upon completion of installation, construction, maintenance, repairs, alteration or removal of said facilities, the premises shall be left as nearly as reasonably possible in the same condition as before such work began and all machinery, materials and equipment removed.

The granting of the easement as stated herein shall vest in the GRANTEE authority to use said property for the purposes herein designated. This grant of easement shall run with the land and be binding upon the heirs, successors and assigns of GRANTOR and GRANTEE. It is understood and agreed that any and all improvements or appurtenances of the municipally owned utilities in the easement premises shall become and remain at all times the property of the GRANTEE, its successors and assigns, and subject to the GRANTEE'S fees, rules, regulations and ordinances.

END OF PAGE

IN WITNESS WHEREOF, GRANTOR has executed this instrument on 26th June, 2023.

Critical Mass, LLC



Gregory Donofrio, Owner

State of MI)
County of Wayne)ss.

The foregoing instrument was acknowledged before me this June 26
2023, by Gregory Donofrio, Owner.

HEATHER WILSON
Notary Public, State of Michigan
County of Genesee
My Commission Expires 10-11-2024
Acting in the County of Calhoun



Notary Public, Calhoun County, Michigan

My commission expires: 10/11/2024

This instrument drafted by:

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

After recording return this instrument to:

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

This instrument approved as to form and substance by the Attorney for the Plymouth Charter Township, on
_____, 20____.

Kevin Bennett, Township Attorney

The easement description is approved as to form only by Engineer for the Plymouth Charter Township on
_____, 20____.

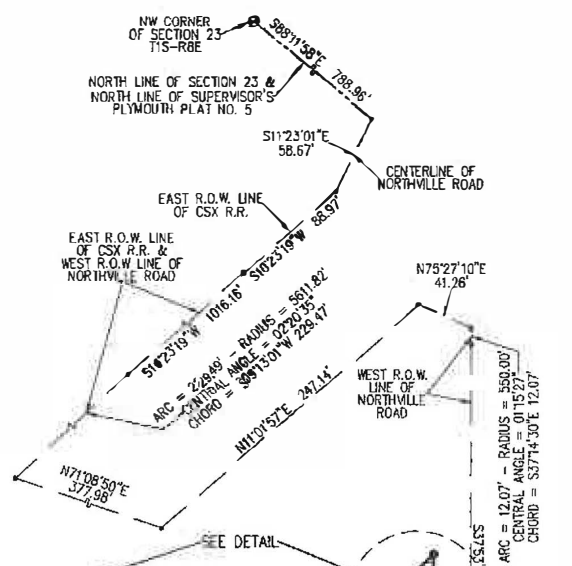
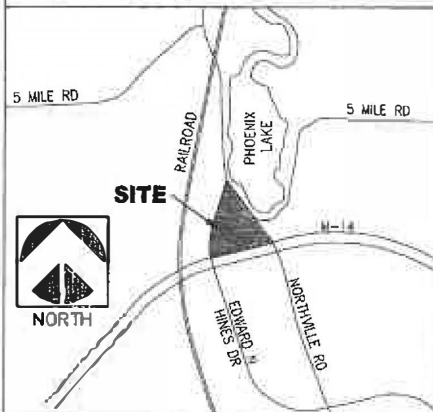
Jeremy Schrot, P.E., Township Engineer

This instrument accepted by the Board of Trustees of the Plymouth Charter Township at its meeting of
_____, 20____, and directed to be recorded.

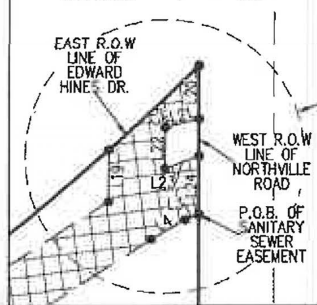
Jerry Vorva, Plymouth Charter Township Clerk

EXHIBIT "B"

LOCATION MAP - NOT TO SCALE



DETAIL - 1" = 50'



ARC LENGTH = 213.51'
 RADIUS = 980.39'
 CENTRAL ANGLE = 012°28'41"
 CHORD = N13°33'06"E 213.09'

ARC LENGTH = 346.58'
 RADIUS = 937.94'
 CENTRAL ANGLE = 21°10'18"
 CHORD = N09°12'18"E 344.62'

EDWARD HINES DR.
 N13°47'27"E 185.70'

SUBJECT PROPERTY
 "PHOENIX MILL"
 5.16 ACRES

WEST R.O.W. LINE OF NORTHVILLE ROAD

NORTHVILLE ROAD

LEGEND

- P.O.B. - POINT OF BEGINNING
- P.O.C. - POINT OF COMMENCEMENT
- L11 - LINE TAG # - SEE SHEET #2
- C2 - CURVE TAG # - SEE SHEET #2



SANITARY SEWER EASEMENT & LEGAL DESCRIPTION

FOR: PHOENIX MILL SITE RESTORATION
 PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN

THE UMLOR GROUP
 49287 West Road
 Whitom, Michigan 48393
 Tel. (248) 773-7858
 Fax. (866) 690-4307

DRAWN BY: BDR
 CHD BY: WLOU
 DATE: 06-18-2021
 SHT. NO.: 1 OF 2



0 50 100 200
 (IN FEET)
 1 inch = 100 ft.

NORTH

EXHIBIT "B"

LEGAL DESCRIPTION OF SUBJECT PARCEL

LAND SITUATED IN THE TOWNSHIP OF PLYMOUTH, COUNTY OF WAYNE, STATE OF MICHIGAN, MORE PARTICULARLY DESCRIBED AS:

A PART OF LOTS 73 AND 76, OF "SUPERVISOR'S PLYMOUTH PLAT NO. 5 AS RECORDED IN LIBER 66 OF PLATS, PAGE 36, RECORDS OF WAYNE COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTHWEST CORNER OF SECTION 23, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE SOUTH 88 DEGREES 11 MINUTES 58 SECONDS EAST 788.96 FEET ALONG THE NORTH LINE OF SECTION 23, BEING ALSO THE NORTH LINE OF SUPERVISOR'S PLYMOUTH PLAT NO. 5 TO A POINT IN THE CENTERLINE OF NORTHVILLE ROAD AS PLATTED; THENCE SOUTH 11 DEGREES 23 MINUTES 01 SECONDS EAST 58.67 FEET ALONG SAID CENTERLINE TO THE EAST RIGHT OF WAY LINE OF THE CSX RAILROAD (FORMERLY PERE MARQUETTE); THENCE SOUTH 10 DEGREES 23 MINUTES 19 SECONDS WEST 88.97 FEET ALONG SAID LINE TO THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD, BEING ALSO THE NORTH-MOST POINT OF LOT 87 AND A CORNER OF LOT 74 OF SAID PLAT; THENCE THE FOLLOWING TWO (2) COURSES ALONG THE EAST LINE OF LOT 74, BEING ALSO THE EAST RIGHT OF WAY FOR CSX RAILROAD: (1) SOUTH 10 DEGREES 23 MINUTES 19 SECONDS WEST 1,016.16 FEET, AND (2) 228.49 FEET ALONG A TANGENT CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 5611.82 FEET, A CENTRAL ANGLE OF 2 DEGREES 20 MINUTES 36 SECONDS, AND LONG CHORD BEARING SOUTH 09 DEGREES 13 MINUTES 01 SECONDS WEST 229.47 FEET TO THE NORTHWEST CORNER OF LOT 73; THENCE NORTH 71 DEGREES 08 MINUTES 50 SECONDS EAST 377.98 FEET; THENCE NORTH 11 DEGREES 01 MINUTES 57 SECONDS EAST 247.14 FEET; THENCE NORTH 75 DEGREES 27 MINUTES 10 SECONDS EAST 41.26 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD AS PLATTED; THENCE THE FOLLOWING TWO COURSES ALONG SAID WEST PLATTED RIGHT OF WAY LINE: (1) ALONG A NON-TANGENT CURVE TO THE LEFT 12.07 FEET, SAID CURVE HAVING A RADIUS OF 550.00 FEET, A CENTRAL ANGLE OF 1 DEGREE 15 MINUTES 27 SECONDS, AND A LONG CHORD BEARING SOUTH 37 DEGREES 14 MINUTES 30 SECONDS EAST 12.07 FEET, AND (2) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 354.31 FEET TO THE POINT OF BEGINNING; THENCE THE FOLLOWING THREE (3) COURSES ALONG THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD AS WIDENED: (1) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 271.85 FEET, AND (2) SOUTH 52 DEGREES 06 MINUTES 13 SECONDS WEST 27.00 FEET, AND (3) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 238.05 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE OF M-14 (300 FEET WIDE); THENCE SOUTH 74 DEGREES 18 MINUTES 05 SECONDS WEST 631.28 FEET ALONG SAID NORTH RIGHT OF WAY LINE TO A POINT ON THE EAST RIGHT OF WAY LINE OF EDWARD HINES DRIVE (120 FEET WIDE); THENCE THE FOLLOWING THREE COURSES ALONG SAID EAST RIGHT OF WAY LINE: (1) ALONG A NON-TANGENT CURVE TO THE RIGHT 346.58 FEET, SAID CURVE HAVING A RADIUS OF 937.94 FEET, A CENTRAL ANGLE OF 21 DEGREES 10 MINUTES 18 SECONDS, AND A LONG CHORD BEARING NORTH 09 DEGREES 12 MINUTES 18 SECONDS EAST 344.62 FEET, AND (2) NORTH 19 DEGREES 47 MINUTES 27 SECONDS EAST 195.70 FEET, AND (3) ALONG A TANGENT CURVE TO THE LEFT 213.52 FEET, SAID CURVE HAVING A RADIUS OF 980.39 FEET, A CENTRAL ANGLE OF 12 DEGREES 28 MINUTES 42 SECONDS, AND A LONG CHORD BEARING NORTH 13 DEGREES 33 MINUTES 06 SECONDS EAST 213.09 FEET TO A POINT ON THE WEST RIGHT OF WAY OF NORTHVILLE ROAD AS WIDENED; THENCE THE FOLLOWING TWO (2) COURSES ALONG SAID WEST RIGHT OF WAY LINE: (1) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 200.79 FEET, AND NORTH 52 DEGREES 06 MINUTES 13 SECONDS EAST 27.00 FEET TO THE POINT OF BEGINNING.

LEGAL DESCRIPTION OF SANITARY SEWER EASEMENT

LAND SITUATED IN THE TOWNSHIP OF PLYMOUTH, COUNTY OF WAYNE, STATE OF MICHIGAN, MORE PARTICULARLY DESCRIBED AS:

COMMENCING AT THE POINT OF BEGINNING OF THE SUBJECT PROPERTY; THENCE SOUTH 52°06'13" WEST 27.00 FEET; THENCE NORTH 37°53'47" WEST 146.70 FEET TO THE POINT OF BEGINNING OF THE EASEMENT; THENCE SOUTH 31°05'32" WEST 5.34 FEET; THENCE SOUTH 21°24'19" WEST 13.96 FEET; THENCE SOUTH 18°44'18" WEST 102.49 FEET; THENCE SOUTH 18°22'21" WEST 218.35 FEET; THENCE SOUTH 02°36'34" WEST 133.73 FEET; THENCE SOUTH 17°08'08" EAST 186.35 FEET; THENCE SOUTH 02°52'13" EAST 14.69 FEET; THENCE SOUTH 74°18'05" WEST 20.51 FEET; THENCE NORTH 02°52'13" WEST 16.74 FEET; THENCE NORTH 17°08'08" WEST 187.33 FEET; THENCE NORTH 02°36'34" EAST 89.23 FEET; THENCE SOUTH 25°30'37" WEST 50.99 FEET; THENCE SOUTH 13°11'35" WEST 220.79 FEET TO A POINT ON THE EAST LINE OF EDWARD HINES DRIVE; THENCE ALONG SAID LINE, ALONG A CURVE TO THE RIGHT, HAVING A RADIUS OF 937.94 FEET, AN ARC LENGTH OF 248.88 FEET, A CENTRAL ANGLE OF 15°12'12", AND A CHORD BEARING AND DISTANCE OF NORTH 09°49'20" EAST 248.15 FEET; THENCE NORTH 25°30'37" EAST 76.55 FEET; THENCE NORTH 18°22'21" EAST 219.15 FEET; THENCE NORTH 18°44'18" EAST 97.44 FEET; THENCE NORTH 37°32'08" WEST 18.75 FEET TO A POINT ON THE EAST LINE OF EDWARD HINES DRIVE; THENCE ALONG SAID LINE, ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 980.39 FEET, AN ARC LENGTH OF 44.31 FEET, A CENTRAL ANGLE OF 02°35'22", AND A CHORD BEARING AND DISTANCE OF NORTH 08°36'26" EAST 44.30 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD; THENCE ALONG SAID LINE SOUTH 37°53'47" EAST 19.33 FEET; THENCE SOUTH 37°59'16" WEST 12.46 FEET; THENCE SOUTH 37°32'08" EAST 14.97 FEET; THENCE NORTH 31°05'32" EAST 13.05 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD; THENCE ALONG SAID LINE SOUTH 37°53'47" EAST 21.42 FEET TO THE POINT OF BEGINNING OF THE EASEMENT.

CURVE TABLE

CURVE #	RADIUS	ARC LENGTH	CENTRAL ANGLE	CHORD DIRECTION	CHORD LENGTH
C1	937.94'	248.88'	15°12'12"	N09°49'20"E	248.15'
C2	980.39'	44.31'	2°35'22"	N08°36'26"E	44.30'

LINE TABLE

LINE #	DIRECTION	LENGTH	LINE #	DIRECTION	LENGTH
L1	S52°06'13"W	27.00'	L13	N02°36'34"E	89.23'
L2	N37°53'47"W	146.70'	L14	S25°30'37"W	50.99'
L3	S31°05'32"W	5.34'	L15	S13°11'35"W	220.79'
L4	S21°24'19"W	13.96'	L16	N25°30'37"E	76.55'
L5	S18°44'18"W	102.49'	L17	N18°22'21"E	219.15'
L6	S18°22'21"W	218.35'	L18	N18°44'18"E	97.44'
L7	S02°36'34"W	133.73'	L19	N37°32'08"W	18.75'
L8	S17°08'08"E	186.35'	L20	S37°53'47"E	19.33'
L9	S02°52'13"E	14.69'	L21	S37°59'16"W	12.46'
L10	S74°18'05"W	20.51'	L22	S37°32'08"E	14.97'
L11	N02°52'13"W	16.74'	L23	N31°05'32"E	13.05'
L12	N17°08'08"W	187.33'	L24	S37°53'47"E	21.42'

SANITARY SEWER EASEMENT & LEGAL DESCRIPTION

FOR: PHOENIX MILL SITE RESTORATION
PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN

THE UMLOR GROUP
48287 West Road
Whom, Michigan 48393
Tel. (248) 773-7856
Fax. (888) 890-4307

DRAWN BY: BDR
CHKD BY: WLOU
DATE: 06-18-2021
SHT. NO. 2 OF 2



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Critical Mass LLC, Phoenix Mill, Resolution #2023-08-22-60

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

Wayne County requires the Township to accept jurisdiction of storm water management systems constructed to comply with the Wayne County Storm Water Management Ordinance and Administrative Rules. The Storm Drain Agreement passes this responsibility on to the owners of the property benefitted by the drainage improvements.

ACTION REQUESTED:

Approve the enclosed resolution authorizing the Township Supervisor to sign the Wayne County Maintenance Permit and authorize the Township Supervisor and Clerk to execute the Storm Drain Agreement.

PROPOSED MOTION: Move to adopt **Resolution #2023-08-22-60** authorizing the Township Supervisor to sign the Wayne County Permit M-53479 and approve the Storm Drain Agreement with Critical Mass LLC and authorize the Township Supervisor and Clerk to execute same.

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

**RESOLUTION TO APPROVE
STORM DRAIN AGREEMENT – CRITICAL MASS LLC
PHOENIX MILL**

RESOLUTION #2023-08-22-60

WHEREAS, the Plymouth Charter Township has been requested by Critical Mass LLC, PO Box 935, Plymouth, Michigan, to assume jurisdiction and maintenance of a certain storm drain (or storm sewer, as the case may be); and,

WHEREAS, the Wayne County Department of Public Services for the County of Wayne is agreeable to such request and has prepared a Permit No. M-53479 to be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and Critical Mass LLC, for the purposes therein stated; and,

WHEREAS, the Plymouth Charter Township is under no legal duty to assume such jurisdiction and maintenance or to enter into the aforesaid Permit for the particular benefit of Critical Mass LLC and the property served by the storm drain and it is necessary for the public health, safety and welfare that said storm drain be maintained and such maintenance be without cost or expense to the Plymouth Charter Township; and,

WHEREAS, Critical Mass LLC has willingly and freely affirmed the desire and intent to execute and record instruments for the purpose of insuring that the Plymouth Charter Township will be held harmless from all costs and expenses in any way pertaining to the Plymouth Charter Township assuming the aforescribed maintenance and jurisdiction or to the aforesaid Permit being executed by the Plymouth Charter Township;

NOW, THEREFORE, BE IT RESOLVED that the Plymouth Charter Township shall assume jurisdiction and maintenance of the storm drain servicing the premises within Phoenix Mill, Plymouth, Michigan 48170 and owned by Critical Mass LLC

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute Permit No. M-53479 of the Wayne County Department of Public Services on behalf of the Plymouth Charter Township; and,

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute the Storm Drain Agreement on behalf of the Plymouth Charter Township together with Critical Mass LLC in the form and substance of the instrument presented to this Board.

Moved by: _____ Seconded by: _____

ROLL CALL:

Heise___ Doroshewitz ___ Vorva ___ Buckley___ Curmi___ Monaghan___ Stewart___

STORM WATER DRAINAGE SYSTEM AGREEMENT

THIS AGREEMENT is made this _____ day of _____, 20____, by and between the Charter Township of Plymouth, a Michigan municipal corporation, with principal offices located at 9955 N. Haggerty Road, Plymouth, MI 48170 ("Township") and Critical Mass, a Michigan **limited liability company**, with principal offices located at P.O. Box 935 Plymouth, MI 48170 ("Proprietor").

RECITATIONS:

A. Proprietor is developing certain property located in Plymouth Township, Wayne County, Michigan as **Phoenix Mill** ("Development") as more particularly described in Exhibit A attached hereto.

B. As part of the Development, Proprietor is required to construct a storm drainage system ("System") to provide adequate drainage of storm water for the Development. The storm water drainage system is depicted on the map attached hereto as Exhibit A.

C. The Township and/or Wayne County Department of Public Services or the Michigan Department of Transportation has issued a permit ("Permit") to Proprietor authorizing the construction, operation and maintenance of the storm drainage system, which is located within the Wayne County Department of Public Services and/or the Michigan State Highway Department's right-of-way and/or drain, on or adjacent to the Development as described in the Permit attached as Exhibit C attached hereto and incorporated herein by reference, so long as the Township assumes jurisdiction for the operation and maintenance of the storm drainage system referred to in the Permit.

D. The Permit issued Wayne County Department of Public Services will benefit the Proprietor and the proposed Development.

E. The Township desires to transfer, and Proprietor agrees to assume, certain responsibilities of the Township required under the Permit, and Proprietor hereby confirms its

agreement to the terms and conditions and acceptance of such transfer of responsibility to it under this Agreement.

F. As used herein, "Proprietor" includes all of Proprietor's successors and assigns, including all current and future owners and occupiers of property within the Development.

NOW, THEREFORE, for and in consideration of the mutual covenants and benefits to be derived hereunder, the receipt, adequacy and sufficiency of which is hereby acknowledged, the Township and the Proprietor agree as follows:

1. All of the foregoing Recitals are true and correct and are incorporated herein as part of the Agreement for all purposes.
2. Proprietor shall prepare and submit to the Township for review and approval by the Township, in its sole discretion, all construction and as-built plans and specifications for the storm water drainage system as the Township may require.
3. Proprietor shall construct the storm water drainage system as part of the Development in accordance with the plans and specifications approved the Wayne County Department of Public Services.
4. Proprietor agrees that it will maintain in good working condition, and to perpetually preserve and repair at its own expense, the storm water drainage system described in the Permit as Exhibit C attached hereto and incorporated herein by reference.
5. The Township shall have the right, but not the duty, to enter the property comprising the Development for the purpose of inspecting the storm water drainage system for compliance to the Permit, and to ensure the system stays in good working order.
6. If Proprietor fails to preserve and/or maintain the storm water drainage system in reasonable order and condition, the Township may serve written notice upon Proprietor setting forth the deficiencies in maintenance and/or preservation along with a demand that the deficiencies be cured within a stated reasonable period, and time, date, and place for a hearing before the Township Board for the purpose of allowing them an opportunity to be heard as to why the Township should not proceed with the correction of the deficiency or obligation, which has not been undertaken or properly fulfilled. At any such time for hearing, the time for curing and the hearing itself may be extended and/or continued to a date certain. If, following such hearing, the Township Board shall determine that the obligation has not been fulfilled or failure correction within the time specified in the notice, as determined by the Township in its sole and reasonable discretion, the Township thereupon shall have the power and authority, but not the obligation, to enter upon the property or cause its agents or contractors to enter the Development and perform such obligation or take such corrective measures as reasonably found by the Township to be appropriate or necessary with respect to the storm water drainage system. The cost of making and financing such improvements by the Township, including notices by the Township and reasonable legal fees incurred by the Township, plus an administrative fee of 20% of the total of all such costs and expenses incurred, shall be paid by Proprietor within thirty (30)

days of billing to it. All unpaid amount may be placed on the delinquent tax roll of the Township as to the property within the Development, and shall accrue interest and penalties, and shall be collected as, and shall be deemed delinquent real property taxes, according to the laws made and provided for the collection of delinquent real property taxes. In the discretion of the Township, such costs and expenses may be collected by suit initiated against Proprietor, and in such event, Proprietor shall pay all court costs and reasonable attorney fees incurred by the Township in connection with such suit.

7. In the event that Township, in its sole discretion, determines that the condition of the storm water drainage system has deteriorated to the point that, or the deficiency in the operation and/or maintenance by Proprietor is such that there is a danger to the public health, safety and welfare or there is a substantial potential for damage to any property and/or road improvements, the Township's obligation to provide written notice to Proprietor shall be deemed waived, and the Township or its authorized agent may enter the Development to immediately begin emergency maintenance and/or repair work. If it is found necessary to adjust or relocate all or any portion of the storm water drainage system within the road right-of-way, the Township shall, upon advance notice to Proprietor, cause such adjustment or relocation to occur. Prior to any work being performed in the road right-of-way, a permit shall be secured from the Wayne County Office of Public Services or Michigan Department of Transportation, as applicable. The cost for all such work shall be billed to Proprietor under the same procedure set forth in paragraph 6 above.

8. Notwithstanding Proprietor's assumption of the responsibilities and the acceptance of liabilities stated herein, the Township shall retain jurisdiction over the storm drainage system and its rights and remedies under the Permit or any applicable statute, ordinance, rule or regulation are hereby preserved. Without limitation of the foregoing, Proprietor, at its sole cost and expense, shall perform maintenance of the storm water facilities described in the Township's Storm Water Management and Long-Term Maintenance Plan as Exhibit B attached hereto and incorporated herein by reference.

9. Proprietor shall defend, indemnify and hold the Township harmless from and against any claims, demands, actions, damages, injuries, costs or expenses of any nature whatsoever ("Claims"), fixed or contingent, known or unknown, arising out of or in any way connected with the design, construction, use, maintenance, repair or operation (or omissions in such regard) of the storm drainage system referred to in the permit as Exhibit C hereto, appurtenances, connections and attachments thereto which are the subject of this Agreement. This indemnity and hold harmless shall include any costs, expenses and attorney fees incurred by the Township in connection with such Claims or the enforcement of this Agreement.

10. Proprietor shall comply with the Elliott-Larsen Civil Rights Act, Public Act 453 of 1976, MCL 37.2101 *et seq.*

11. This Agreement shall be recorded at Proprietor's expense with the Wayne County Register of Deeds.

12. The parties hereto make this Agreement on behalf of themselves, their heirs, successors, assigns and transferees; and hereby warrant that they have the authority and capacity to execute this Agreement and bind the property as described in this Agreement. This Agreement shall run with the land and be binding upon all owners, their agents, heirs, successors, assigns, and transferees.

13. This Agreement shall be interpreted in accordance with the laws of the State of Michigan.

14. Invalidity of any of the provisions of this Agreement by Judgment or Court order shall in no way effect the validity of any other provision(s), which shall remain in full force and effect.

15. The Township's failure to exercise a right or remedy will not operate as a waiver of any of the Township's rights or remedies under this Agreement.

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

17. This Agreement is for the sole benefit of the parties and their respective successors and permitted assigns, and nothing in this Agreement, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement.

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

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

20. No provision of this agreement shall be construed against or interpreted to the disadvantage of one party against the other party by any court, or governmental authority, by reason of any determination or assertion that one party was chiefly or primarily responsible for having drafted, dictated or structured such provision.

21. Proprietor warrants that is a **limited liability company**, organized, validly existing, and in good standing under the laws of the state of Michigan.

22. Proprietor warrants that is qualified to do business and is in good standing in every jurisdiction in which that qualification is required for purposes of this Agreement, and that it has obtained and maintained in good standing any licenses required under Michigan law.

23. Proprietor warrants that it has the full right, power, and authority to enter into this Agreement and to perform its obligations under it.

24. Nothing herein shall be construed as a waiver of governmental immunity by the Township.

[The remainder of this page is intentionally blank, signature pages to follow.]

IN WITNESS WHEREOF, Proprietor and Township have executed this Agreement on the day and year first above written.

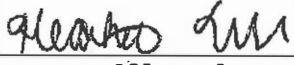
Critical Mass, LLC



Gregory Donofrio
Its: Owner

STATE OF MICHIGAN)) SS
COUNTY OF WAYNE)

Acknowledged by Gregory Donofrio, Owner before me on the 26 day of June, 2023.



[Signature of Notary]

HEATHER WILSON
Notary Public, State of Michigan
County of Genesee
My Commission Expires 10-11-2024
Acting in the County of Oakland

Heather Wilson

[Printed name of Notary]

Notary Public, Oakland
County, Michigan

My commission expires: 10/11/24

Charter Township of Plymouth

Kurt L. Heise
Supervisor

STATE OF MICHIGAN)) SS
COUNTY OF WAYNE)

Acknowledged by _____ before me on the ____ day of _____, 20____.

[Printed name]
Notary Public, _____
County, Michigan

My commission expires: _____

INSTRUMENT DRAFTED BY:
Kevin L. Bennett (P42972)
217 Ann Arbor Road West
Suite 302
Plymouth, MI 48170

WHEN RECORDED RETURN TO:
Charter Township of Plymouth
Attn: Clerk
9955 N. Haggerty Road
Plymouth, MI 48170

PERMIT OFFICE
33809 MICHIGAN AVE
WAYNE, MI 48184,
PHONE (734) 595-6504
FAX (734) 595-6356

72 HOURS BEFORE ANY
CONSTRUCTION. CALL

FOR INSPECTION



WAYNE COUNTY
DEPARTMENT OF PUBLIC SERVICES
PERMIT TO CONSTRUCT, OPERATE, USE AND/OR MAINTAIN

PERMIT No.

M-53479

ISSUE DATE

2/22/2023

EXPIRES

REVIEW No

R 20-307

WORK ORDER

PROJECT NAME

MAINTENANCE PERMIT FOR PHOENIX MILL RESTORATION PROJECT

LOCATION

14973 NORTHVILLE ROAD (EDWARD N.HINES DRIVE, M-14, AND NORTHVILLE ROAD)

CITY/TWP

PLYMOUTH TWP

PERMIT HOLDER

CHARTER TOWNSHIP OF PLYMOUTH
9955 N. HAGGERTY ROAD
PLYMOUTH, MI 48170-4673

CONTRACTOR

CONTACT

KURT HEISE

CONTACT

JOSEPH <BLANK>

DESCRIPTION OF PERMITTED ACTIVITY

(72 HOURS BEFORE YOU DIG, CALL MISS DIG 1-800-482-7161, www.missdig.org)

PERMIT TO MAINTAIN THE STORM WATER MANAGEMENT SYSTEM IN ACCORDANCE WITH THE DRAWING ATTACHED AS EXHIBIT "A", THE TERMS OF THE LONG-TERM MAINTENANCE PLAN ATTACHED AS EXHIBIT "B" AND THE WAYNE COUNTY STORM WATER ORDINANCE AND ADMINISTRATIVE RULES. A RESOLUTION FROM THE LOCAL MUNICIPALITY TO MAINTAIN THE PROPOSED STORM WATER MANAGEMENT SYSTEM AND ITS FACILITIES IS REQUIRED.

THE TOWNSHIP OF PLYMOUTH SHALL ASSUME JURISDICTION OVER AND ACCEPT RESPONSIBILITY FOR MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM(S) TO ENSURE THAT THE STORM WATER MANAGEMENT SYSTEM FUNCTIONS PROPERLY AS DESIGNED AND CONSTRUCTED. THE PERMIT HOLDER'S RESPONSIBILITIES UNDER THIS PERMIT SHALL INCLUDE, WITHOUT LIMITATIONS, (A) ANY MONITORING AND PREVENTIVE MAINTENANCE ACTIVITIES SET FORTH IN THE PLAN; (B) ANY AND ALL REMEDIAL ACTIONS NECESSARY TO REPAIR, MODIFY OR RECONSTRUCT THE SYSTEM AND (C) OTHER ACTIVITIES OR RESPONSIBILITIES FOR MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM AS MAY BE SET FORTH IN THE ORDINANCE, ADMINISTRATIVE RULES, THE PLAN OR THIS PERMIT.

THE TOWNSHIP OF PLYMOUTH SHALL PERFORM ALL MONITORING, MAINTENANCE, REMEDIAL AND OTHER RESPONSIBILITIES REQUIRED BY THE WAYNE COUNTY ORDINANCE, ADMINISTRATIVE RULES, THE PLAN AND THIS PERMIT, IN PERPETUITY AND AT ITS SOLE COST EXPENSE.

THE TOWNSHIP OF PLYMOUTH SHALL PREPARE, EXECUTE AND (IF NECESSARY) RECORD ANY AND ALL AGREEMENTS, CONTRACTS AND OTHER DOCUMENTS THAT MAY BE REQUIRED TO PERFORM ITS OBLIGATIONS HEREUNDER AND ENSURE MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM IN PERPETUITY.

IF WAYNE COUNTY FINDS IT NECESSARY TO ADJUST OR RELOCATE ALL OR ANY PORTION OF THE PERMITTED STORM WATER MANAGEMENT SYSTEM, THE PERMIT HOLDER SHALL CAUSE THIS ADJUSTMENT OR RELOCATION TO BE ACCOMPLISHED AT NO EXPENSE TO THE COUNTY. PRIOR TO ANY WORK BEING PERFORMED IN THE RIGHT-OF-WAY, A PERMIT SHALL BE SECURED FROM THE WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES PERMIT OFFICE.

APPROVED PLANS PREPARED BY

Critical Mass, LLC

PLANS APPROVED BY

Yousif, I.

REQUIRED ATTACHMENTS

EXHIBIT A: MAP DEPICTING PHYSICAL LIMITS OF STORM WATER MGT SYSTEM

EXHIBIT 'B': LONG TERM MAINTENANCE PLAN

EXHIBIT 'C': BINDING AGREEMENT (COMMUNITY RESOLUTION)

(PERMIT VALID ONLY IF ACCOMPANIED BY ABOVE ATTACHMENTS)

In consideration of the Permit Holder and Contractor agreeing to abide and conform with all the terms and conditions herein, a Permit is hereby issued to the above named to Construct, Operate, Use and/or Maintain within the Road Right of Way, County Easement, and/or County Property. The permitted work described above shall be accomplished in accordance with the Approved Plans, Maps, Specifications and Statements filed with the Permit Office which are integral to and made part of this Permit. The General Conditions as well as any Required Attachments are incorporated as part of this Permit.

PERMIT HOLDER NAME

PERMIT HOLDER / AUTHORIZED AGENT

DATE

WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES

PREPARED BY

VALIDATED BY

PERMIT COORDINATOR

DATE



NORTH

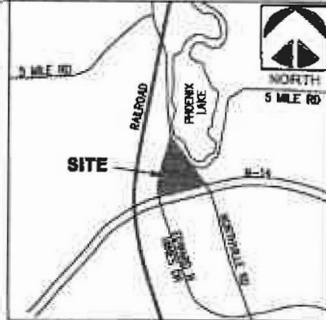
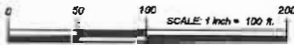
EXHIBIT 'A' PHYSICAL LIMITS OF STORM WATER MANAGEMENT SYSTEM

PHOENIX MILL SITE RESTORATION

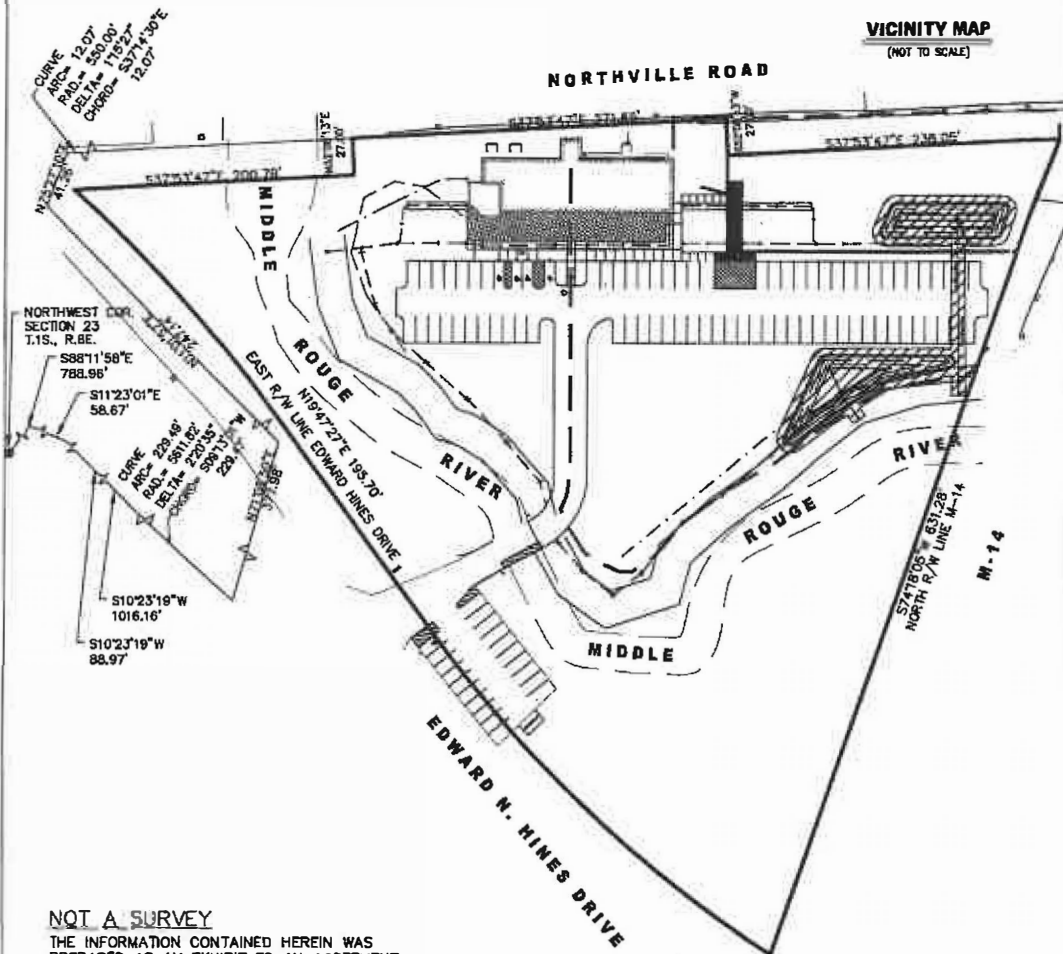
LEGEND



CHARTER TOWNSHIP OF PLYMOUTH
STORM MAINTENANCE RESPONSIBILITY



VICINITY MAP
(NOT TO SCALE)



NOT A SURVEY

THE INFORMATION CONTAINED HEREIN WAS PREPARED AS AN EXHIBIT TO AN AGREEMENT BASED ON INFORMATION PROVIDED BY OTHERS AND SHALL NOT BE CONSIDERED A SURVEY. THE UMLOR GROUP ASSUMES NO RESPONSIBILITY OF THE ACCURACY OR COMPLETENESS OF ANY PARCEL BOUNDARIES DEPICTED.

PROPERTY INFORMATION:
PHOENIX MILL
15000 EDWARD N. HINES DR.
PLYMOUTH TOWNSHIP
WAYNE COUNTY, MI

PROPERTY OWNER:
CRITICAL MASS, LLC
P.O. BOX 935
PLYMOUTH, MI 48170
GREGORY DONOFRIO
PHONE: (248) 470-4836

ENGINEER:
THE UMLOR GROUP
48287 WEST ROAD
WIXOM, MI 48393
PHONE: (248) 773-7656
FAX: (866) 690-4307

DATE: 08/26/2023

SHEET 1 OF 2

EXHIBIT 'A'
**PHYSICAL LIMITS OF STORM WATER
MANAGEMENT SYSTEM**

PHOENIX MILL SITE RESTORATION

PARCEL DESCRIPTION:
(FROM KEM-TEC ALTA/NSPS LAND TITLE SURVEY, PROJECT #20-00242, DATED FEBRUARY 12, 2020)

LAND SITUATED IN THE TOWNSHIP OF PLYMOUTH, COUNTY OF WAYNE, STATE OF MICHIGAN, MORE PARTICULARLY DESCRIBED AS:

A PART OF LOTS 73 AND 76, OF "SUPERVISOR'S PLYMOUTH PLAT NO. 5 AS RECORDED IN LIBER 66 OF PLATS, PAGE 36, RECORDS OF WAYNE COUNTY, MICHIGAN, BEING MORE PARTICULARLY DESCRIBED AS: COMMENCING AT THE NORTHWEST CORNER OF SECTION 23, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE SOUTH 88 DEGREES 11 MINUTES 58 SECONDS EAST 788.96 FEET ALONG THE NORTH LINE OF SECTION 23, BEING ALSO THE NORTH LINE OF SUPERVISOR'S PLYMOUTH PLAT NO. 5 TO A POINT IN THE CENTERLINE OF NORTHVILLE ROAD AS PLATTED; THENCE SOUTH 11 DEGREES 23 MINUTES 01 SECONDS EAST 58.67 FEET ALONG SAID CENTERLINE TO THE EAST RIGHT OF WAY LINE OF THE CSX RAILROAD (FORMERLY PERE MARQUETTE); THENCE SOUTH 10 DEGREES 23 MINUTES 19 SECONDS WEST 88.97 FEET ALONG SAID LINE TO THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD, BEING ALSO THE NORTH-MOST POINT OF LOT 87 AND A CORNER OF LOT 74 OF SAID PLAT; THENCE THE FOLLOWING TWO (2) COURSES ALONG THE EAST LINE OF LOT 74, BEING ALSO THE EAST RIGHT OF WAY FOR CSX RAILROAD: (1) SOUTH 10 DEGREES 23 MINUTES 19 SECONDS WEST 1,016.16 FEET, AND (2) 229.49 FEET ALONG A TANGENT CURVE TO THE LEFT, SAID CURVE HAVING A RADIUS OF 5811.82 FEET, A CENTRAL ANGLE OF 2 DEGREES 20 MINUTES 35 SECONDS, AND LONG CHORD BEARING SOUTH 09 DEGREES 13 MINUTES 01 SECONDS WEST 229.47 FEET TO THE NORTHWEST CORNER OF LOT 73; THENCE NORTH 71 DEGREES 08 MINUTES 50 SECONDS EAST 377.98 FEET; THENCE NORTH 11 DEGREES 01 MINUTES 57 SECONDS EAST 247.14 FEET; THENCE NORTH 75 DEGREES 27 MINUTES 10 SECONDS EAST 41.26 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD AS PLATTED; THENCE THE FOLLOWING TWO COURSES ALONG SAID WEST PLATTED RIGHT OF WAY LINE: (1) ALONG A NON-TANGENT CURVE TO THE LEFT 12.07 FEET, SAID CURVE HAVING A RADIUS OF 550.00 FEET, A CENTRAL ANGLE OF 1 DEGREE 15 MINUTES 27 SECONDS, AND A LONG CHORD BEARING SOUTH 37 DEGREES 14 MINUTES 30 SECONDS EAST 12.07 FEET, AND (2) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 354.31 FEET TO THE POINT OF BEGINNING; THENCE THE FOLLOWING THREE (3) COURSES ALONG THE WEST RIGHT OF WAY LINE OF NORTHVILLE ROAD AS WIDENED: (1) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 271.65 FEET, AND (2) SOUTH 52 DEGREES 06 MINUTES 13 SECONDS WEST 27.00 FEET, AND (3) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 238.05 FEET TO A POINT ON THE NORTH RIGHT OF WAY LINE OF M-14 (300 FEET WIDE); THENCE SOUTH 74 DEGREES 18 MINUTES 05 SECONDS WEST 631.28 FEET ALONG SAID NORTH RIGHT OF WAY LINE TO A POINT ON THE EAST RIGHT OF WAY LINE OF EDWARD HINES DRIVE (120 FEET WIDE); THENCE THE FOLLOWING THREE COURSES ALONG SAID EAST RIGHT OF WAY LINE: (1) ALONG A NON-TANGENT CURVE TO THE RIGHT 346.58 FEET, SAID CURVE HAVING A RADIUS OF 937.94 FEET, A CENTRAL ANGLE OF 21 DEGREES 10 MINUTES 18 SECONDS, AND A LONG CHORD BEARING NORTH 09 DEGREES 12 MINUTES 18 SECONDS EAST 344.62 FEET, AND (2) NORTH 19 DEGREES 47 MINUTES 27 SECONDS EAST 195.70 FEET, AND (3) ALONG A TANGENT CURVE TO THE LEFT 213.52 FEET, SAID CURVE HAVING A RADIUS OF 980.39 FEET, A CENTRAL ANGLE OF 12 DEGREES 28 MINUTES 42 SECONDS, AND A LONG CHORD BEARING NORTH 13 DEGREES 33 MINUTES 06 SECONDS EAST 213.09 FEET TO A POINT ON THE WEST RIGHT OF WAY OF NORTHVILLE ROAD AS WIDENED; THENCE THE FOLLOWING TWO (2) COURSES ALONG SAID WEST RIGHT OF WAY LINE: (1) SOUTH 37 DEGREES 53 MINUTES 47 SECONDS EAST 200.79 FEET, AND NORTH 52 DEGREES 06 MINUTES 13 SECONDS EAST 27.00 FEET TO THE POINT OF BEGINNING.

PROPERTY INFORMATION: PHOENIX MILL 15000 EDWARD N. HINES DR. PLYMOUTH TOWNSHIP WAYNE COUNTY, MI	PROPERTY OWNER: CRITICAL MASS, LLC P.O. BOX 935 PLYMOUTH, MI 48170 GREGORY DONDFRJO PHONE: (248) 470-4836	ENGINEER: THE UMLOR GROUP 49287 WEST ROAD WIXOM, MI 48393 PHONE: (248) 773-7656 FAX: (866) 690-4307	DATE: 06/26/2023
			SHEET 2 OF 2

EXHIBIT B - STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE PLAN

WAYNE COUNTY DPS PERMIT NO.: C-
WAYNE COUNTY DPS PLAN REVIEW NO.: R20-528

A. Physical Limits of the Storm Water Maintenance System

The storm water management system (SWMS) subject to this long-term maintenance plan (Plan) is depicted on Exhibit A to the permit and includes without limitation the storm sewers, catch basins, manholes, inlets, water quality structures, swales, buffer strip, spillways, forebay, detention basin, subsurface detention, outlet control structure and the outlet pipe that conveys flow from the detention basin to the existing storm manhole to the Rouge River. For the purposes of this plan, this storm water management system (SWMS) and all of its components as shown in Exhibit A is referred to as "Phoenix Mill Site Restoration", Edward Hines Drive, Plymouth Township, Wayne County MI.

B. Time Frame for Long-Term Maintenance Responsibility

Critical Mass, LLC is responsible for maintaining the "Phoenix Mill Site Restoration", Edward Hines Drive, Plymouth Township, Wayne County MI., including complying with applicable requirements of the local or Wayne County soil erosion and sedimentation control program until Wayne County releases the construction permit. Long-term maintenance responsibility for the "Phoenix Mill Site Restoration", Edward Hines Drive, Plymouth Township, Wayne County MI., commences when defined by the maintenance permit issued by the County. Long-term maintenance continues in perpetuity.

C. Manner of Insuring Maintenance Responsibility

Charter Township of Plymouth has assumed responsibility for long-term maintenance of "Phoenix Mill Site Restoration", Edward Hines Drive, Plymouth Township, Wayne County MI. The resolution by which the Plymouth Township has assumed maintenance responsibility is attached to the permit as Exhibit C. Critical Mass, LLC through a maintenance agreement with Plymouth Township, has agreed to perform the maintenance activities required by this plan. Plymouth Township retains the right to enter the property and perform the necessary maintenance of the "Phoenix Mill Site Restoration", Edward Hines Drive, Plymouth Township, Wayne County MI if Critical Mass of Michigan, LLC fails to perform the required maintenance activities. To ensure that the "Phoenix Mill Site Restoration", Edward Hines Drive, Plymouth Township, Wayne County MI is maintained in perpetuity, the map of the physical limits of the storm water management system (Exhibit A), this plan (Exhibit B), the resolution attached as Exhibit C, and the maintenance agreement between the Plymouth Township and the property owner(s) will be recorded with the Wayne County Register of Deeds. Upon recording, a copy of the recorded documents will be provided to the County.

D. Long-Term Maintenance Plan and Schedule

Table 1 identifies the maintenance activities to be performed, organized by category (monitoring/inspections, preventative maintenance and remedial actions). While performing maintenance, chemicals should not be applied to the forebay, detention basin, buffer strip or watercourses. Table 1 also identifies site-specific work needed to ensure that the storm water management system functions properly as designed.

TABLE 1 STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE SCHEDULE											
MAINTENANCE ACTIVITIES	SYSTEM COMPONENTS	Catch Basin, Inlets & Storm Sewers	Channels & Vegetated Swales	Forebays	Retention Basin	Flow Restrictors, Overflow Structures & Outlet Pipes	Emergency Spillways	Riprap	Buffer Strip	Pavement Areas	FREQUENCY
Monitoring /Inspection											
Inspect for sediment accumulation **/clogging of stone filter	X	X		X	X	X					Annually
Inspect for floatables, dead vegetation and debris	X	X		X	X	X		X	X		Annually and after major event
Inspect for erosion and integrity of bank and beams		X		X		X	X	X			Annually and after major event
Inspect all components during wet weather and compare to as-built plans	X	X		X	X	X	X	X	X		Annually
Monitoring maintenance		X		X		X		X			2 times per year
Ensure means of access for maintenance remain clear/open	X	X		X	X	X	X	X	X	X	Annually
Preventative Maintenance											
Mowing		X		X		X		X			Up to 2 times/year, select areas only*
Remove accumulated sediment	X	X		X	X				X		As needed **
Remove floatables, dead vegetation and debris	X	X		X	X	X			X		As needed
Replace or wash/reuse stone riser filters						X	X	X			Every 3 years; more frequently as needed***
Remove Invasive plant species	X		X						X	X	Annually
As Specified (e.g. recommendations by Manufacturer)											As needed
Remedial Actions											
Repair/stabilize areas of erosion		X		X		X	X	X	X		As needed
Replaced dead plantings, bushes, trees		X		X					X		As needed
Reseed bare areas		X		X		X		X			As needed
Structural repairs	X					X	X	X	X		As needed
Make adjustments/repairs to ensure proper functioning	X	X		X	X	X	X	X	X	X	As needed

Notes:

*Not to exceed the length allowed by local community ordinance.

**Forebays, open detention basins, and retention basin to be cleaned whenever sediment accumulates to a depth of 6-12 inches or if sediment resuspension is observed.

***Replace stone if it cannot be adequately cleaned.

PROPERTY INFORMATION: PHOENIX MILL 15000 EDWARD N. HINES DR. PLYMOUTH TOWNSHIP WAYNE COUNTY, MI	PROPERTY OWNER: CRITICAL MASS, LLC P.O. BOX 835 PLYMOUTH, MI 48170 GREGORY DONOFRIO PHONE: (248) 470-4836	ENGINEER: THE UMLOR GROUP 49287 WEST ROAD WIXOM, MI 48393 PHONE: (248) 773-7656 FAX: (866) 680-4307	DATE: 06/26/2023
			SHEET 1 OF 1



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Ann Arbor Road Outlot LLC, Storm Drain Agreement, Resolution
#2023-08-22-61

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

Wayne County requires the Township to accept jurisdiction of storm water management systems constructed to comply with the Wayne County Storm Water Management Ordinance and Administrative Rules. The Storm Drain Agreement passes this responsibility on to the owners of the property benefitted by the drainage improvements.

ACTION REQUESTED:

Approve the enclosed resolution authorizing the Township Supervisor to sign the Wayne County Maintenance Permit and authorize the Township Supervisor and Clerk to execute the Storm Drain Agreement.

PROPOSED MOTION: Move to adopt **Resolution #2023-08-22-61** authorizing the Township Supervisor to sign the Wayne County Permit M-52455 and approve the Storm Drain Agreement with Ann Arbor Road Outlot LLC and authorize the Township Supervisor and Clerk to execute same.

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

**RESOLUTION TO APPROVE
STORM DRAIN AGREEMENT – ANN ARBOR ROAD OUTLOT LLC –
HENRY FORD HEALTH SYSTEMS
78-065-99-0012-702
RESOLUTION #2023-08-22-61**

WHEREAS, the Plymouth Charter Township has been requested by Ann Arbor Road Outlot LLC, 28470 13 Mile Ste 220, Farmington Hills, Michigan, to assume jurisdiction and maintenance of a certain storm drain (or storm sewer, as the case may be); and,

WHEREAS, the Wayne County Department of Public Services for the County of Wayne is agreeable to such request and has prepared a Permit M-52455 be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and Ann Arbor Road Outlot LLC, for the purposes therein stated; and,

WHEREAS, the Plymouth Charter Township is under no legal duty to assume such jurisdiction and maintenance or to enter into the aforesaid Permit for the particular benefit of Ann Arbor Road Outlot LLC and the property served by the storm drain and it is necessary for the public health, safety and welfare that said storm drain be maintained and such maintenance be without cost or expense to the Plymouth Charter Township; and,

WHEREAS, Ann Arbor Road Outlot LLC has willingly and freely affirmed the desire and intent to execute and record instruments for the purpose of insuring that the Plymouth Charter Township will be held harmless from all costs and expenses in any way pertaining to the Plymouth Charter Township assuming the aforescribed maintenance and jurisdiction or to the aforesaid Permit being executed by the Plymouth Charter Township;

NOW, THEREFORE, BE IT RESOLVED that the Plymouth Charter Township shall assume jurisdiction and maintenance of the storm drain servicing the premises within Henry Ford Health System, Plymouth, Michigan 48170 and owned by Ann Arbor Road Outlot LLC.

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute Permit M-52455 of the Wayne County Department of Public Services in behalf of the Plymouth Charter Township; and,

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute the Storm Drain Agreement on behalf of the Plymouth Charter Township together with Ann Arbor Road Outlot LLC in the form and substance of the instrument presented to this Board.

Moved by: _____ Seconded by: _____

ROLL CALL:

Heise___ Doroshewitz___ Vorva___ Buckley___ Curmi___ Monaghan___ Stewart___

STORM WATER DRAINAGE SYSTEM AGREEMENT

THIS AGREEMENT is made this _____ day of _____, 20____, by and between the Charter Township of Plymouth, a Michigan municipal corporation, with principal offices located at 9955 N. Haggerty Road, Plymouth, MI 48170 ("Township") and Ann Arbor Road Outlot, a Michigan limited liability company, with principal offices located at 28470 13 Mile Road – Suite 220 Farmington Hills, MI 48334, ("Proprietor").

RECITATIONS:

A. Proprietor is developing certain property located in Plymouth Township, Wayne County, Michigan as Plymouth Marketplace Outlot ("Development") as more particularly described in Exhibit A attached hereto.

B. As part of the Development, Proprietor is required to construct a storm drainage system ("System") to provide adequate drainage of storm water for the Development. The storm water drainage system is depicted on the map attached hereto as Exhibit A.

C. The Township and/or Wayne County Department of Public Services or the Michigan Department of Transportation has issued a permit ("Permit") to Proprietor authorizing the construction, operation and maintenance of the storm drainage system, which is located within the Wayne County Department of Public Services and/or the Michigan State Highway Department's right-of-way and/or drain, on or adjacent to the Development as described in the Permit attached as Exhibit C attached hereto and incorporated herein by reference, so long as the Township assumes jurisdiction for the operation and maintenance of the storm drainage system referred to in the Permit.

D. The Permit issued Wayne County Department of Public Services will benefit the Proprietor and the proposed Development.

E. The Township desires to transfer, and Proprietor agrees to assume, certain responsibilities of the Township required under the Permit, and Proprietor hereby confirms its

agreement to the terms and conditions and acceptance of such transfer of responsibility to it under this Agreement.

F. As used herein, "Proprietor" includes all of Proprietor's successors and assigns, including all current and future owners and occupiers of property within the Development.

NOW, THEREFORE, for and in consideration of the mutual covenants and benefits to be derived hereunder, the receipt, adequacy and sufficiency of which is hereby acknowledged, the Township and the Proprietor agree as follows:

1. All of the foregoing Recitals are true and correct and are incorporated herein as part of the Agreement for all purposes.
2. Proprietor shall prepare and submit to the Township for review and approval by the Township, in its sole discretion, all construction and as-built plans and specifications for the storm water drainage system as the Township may require.
3. Proprietor shall construct the storm water drainage system as part of the Development in accordance with the plans and specifications approved the Wayne County Department of Public Services.
4. Proprietor agrees that it will maintain in good working condition, and to perpetually preserve and repair at its own expense, the storm water drainage system described in the Permit as Exhibit C attached hereto and incorporated herein by reference.
5. The Township shall have the right, but not the duty, to enter the property comprising the Development for the purpose of inspecting the storm water drainage system for compliance to the Permit, and to ensure the system stays in good working order.
6. If Proprietor fails to preserve and/or maintain the storm water drainage system in reasonable order and condition, the Township may serve written notice upon Proprietor setting forth the deficiencies in maintenance and/or preservation along with a demand that the deficiencies be cured within a stated reasonable period, and time, date, and place for a hearing before the Township Board for the purpose of allowing them an opportunity to be heard as to why the Township should not proceed with the correction of the deficiency or obligation, which has not been undertaken or properly fulfilled. At any such time for hearing, the time for curing and the hearing itself may be extended and/or continued to a date certain. If, following such hearing, the Township Board shall determine that the obligation has not been fulfilled or failure correction within the time specified in the notice, as determined by the Township in its sole and reasonable discretion, the Township thereupon shall have the power and authority, but not the obligation, to enter upon the property or cause its agents or contractors to enter the Development and perform such obligation or take such corrective measures as reasonably found by the Township to be appropriate or necessary with respect to the storm water drainage system. The cost of making and financing such improvements by the Township, including notices by the Township and reasonable legal fees incurred by the Township, plus an administrative fee of 20% of the total of all such costs and expenses incurred, shall be paid by Proprietor within thirty (30)

days of billing to it. All unpaid amount may be placed on the delinquent tax roll of the Township as to the property within the Development, and shall accrue interest and penalties, and shall be collected as, and shall be deemed delinquent real property taxes, according to the laws made and provided for the collection of delinquent real property taxes. In the discretion of the Township, such costs and expenses may be collected by suit initiated against Proprietor, and in such event, Proprietor shall pay all court costs and reasonable attorney fees incurred by the Township in connection with such suit.

7. In the event that Township, in its sole discretion, determines that the condition of the storm water drainage system has deteriorated to the point that, or the deficiency in the operation and/or maintenance by Proprietor is such that there is a danger to the public health, safety and welfare or there is a substantial potential for damage to any property and/or road improvements, the Township's obligation to provide written notice to Proprietor shall be deemed waived, and the Township or its authorized agent may enter the Development to immediately begin emergency maintenance and/or repair work. If it is found necessary to adjust or relocate all or any portion of the storm water drainage system within the road right-of-way, the Township shall, upon advance notice to Proprietor, cause such adjustment or relocation to occur. Prior to any work being performed in the road right-of-way, a permit shall be secured from the Wayne County Office of Public Services or Michigan Department of Transportation, as applicable. The cost for all such work shall be billed to Proprietor under the same procedure set forth in paragraph 6 above.

8. Notwithstanding Proprietor's assumption of the responsibilities and the acceptance of liabilities stated herein, the Township shall retain jurisdiction over the storm drainage system and its rights and remedies under the Permit or any applicable statute, ordinance, rule or regulation are hereby preserved. Without limitation of the foregoing, Proprietor, at its sole cost and expense, shall perform maintenance of the storm water facilities described in the Township's Storm Water Management and Long-Term Maintenance Plan as Exhibit B attached hereto and incorporated herein by reference.

9. Proprietor shall defend, indemnify and hold the Township harmless from and against any claims, demands, actions, damages, injuries, costs or expenses of any nature whatsoever ("Claims"), fixed or contingent, known or unknown, arising out of or in any way connected with the design, construction, use, maintenance, repair or operation (or omissions in such regard) of the storm drainage system referred to in the permit as Exhibit C hereto, appurtenances, connections and attachments thereto which are the subject of this Agreement. This indemnity and hold harmless shall include any costs, expenses and attorney fees incurred by the Township in connection with such Claims or the enforcement of this Agreement.

10. Proprietor shall comply with the Elliott-Larsen Civil Rights Act, Public Act 453 of 1976, MCL 37.2101 *et seq.*

11. This Agreement shall be recorded at Proprietor's expense with the Wayne County Register of Deeds.

12. The parties hereto make this Agreement on behalf of themselves, their heirs, successors, assigns and transferees; and hereby warrant that they have the authority and capacity to execute this Agreement and bind the property as described in this Agreement. This Agreement shall run with the land and be binding upon all owners, their agents, heirs, successors, assigns, and transferees.

13. This Agreement shall be interpreted in accordance with the laws of the State of Michigan.

14. Invalidation of any of the provisions of this Agreement by Judgment or Court order shall in no way effect the validity of any other provision(s), which shall remain in full force and effect.

15. The Township's failure to exercise a right or remedy will not operate as a waiver of any of the Township's rights or remedies under this Agreement.

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

17. This Agreement is for the sole benefit of the parties and their respective successors and permitted assigns, and nothing in this Agreement, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement.

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

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

20. No provision of this agreement shall be construed against or interpreted to the disadvantage of one party against the other party by any court, or governmental authority, by reason of any determination or assertion that one party was chiefly or primarily responsible for having drafted, dictated or structured such provision.

21. Proprietor warrants that is a limited liability company, organized, validly existing, and in good standing under the laws of the state of Michigan.

22. Proprietor warrants that is qualified to do business and is in good standing in every jurisdiction in which that qualification is required for purposes of this Agreement, and that it has obtained and maintained in good standing any licenses required under Michigan law.


23. Proprietor warrants that it has the full right, power, and authority to enter into this Agreement and to perform its obligations under it.

24. Nothing herein shall be construed as a waiver of governmental immunity by the Township.

[The remainder of this page is intentionally blank, signature pages to follow.]

IN WITNESS WHEREOF, Proprietor and Township have executed this Agreement on the day and year first above written.

Ann Arbor Road Outlot LLC



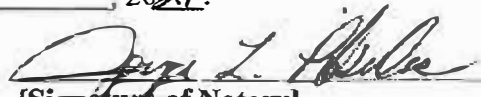
William Eisenberg
Its: Authorized Representative

STATE OF MICHIGAN)

) SS

COUNTY OF WAYNE)

Acknowledged by William Eisenberg, Authorized Representative before
me on the 16 day of July, 2021.



[Signature of Notary]

JOYCE L. PIKULAS
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Feb 11, 2027
ACTING IN COUNTY OF Oakland

[Printed name of Notary]

Notary Public, Oakland
County, Michigan

My commission expires: 2-11-2027

Charter Township of Plymouth

Kurt L. Heise
Supervisor

STATE OF MICHIGAN)

) SS

COUNTY OF WAYNE)

Acknowledged by _____ before me on the ____ day of _____, 20__.

[Printed name]

Notary Public, _____
County, Michigan

My commission expires: _____

INSTRUMENT DRAFTED BY:

Kevin L. Bennett (P42972)
217 Ann Arbor Road West
Suite 302
Plymouth, MI 48170

WHEN RECORDED RETURN TO:

Charter Township of Plymouth
Attn: Clerk
9955 N. Haggerty Road
Plymouth, MI 48170

PERMIT OFFICE
33809 MICHIGAN AVE
WAYNE, MI 48184,
PHONE (734) 595-6504
FAX (734) 595-6356

72 HOURS BEFORE ANY
CONSTRUCTION. CALL

FOR INSPECTION



WAYNE COUNTY
DEPARTMENT OF PUBLIC SERVICES
PERMIT TO CONSTRUCT, OPERATE, USE AND/OR MAINTAIN

PERMIT No

M-52455

ISSUE DATE : EXPIRES

8/7/2023

REVIEW No.

R 20-033

WORK ORDER

PROJECT NAME

MAINTENANCE PERMIT FOR PLYMOUTH MARKETPLACE

LOCATION

HAGGERTY ROAD (SE CORNER OF INTERSECTION OF HAGGERTY RD AND ANN ARBOR RD)

CITY/TWP

PLYMOUTH TWP

PERMIT HOLDER

CHARTER TOWNSHIP OF PLYMOUTH
9955 N. HAGGERTY ROAD
PLYMOUTH, MI 48170-4673

CONTRACTOR

CONTACT

KURT HEISE

CONTACT

VISSAM <BLANK>

(313) 995-2444

DESCRIPTION OF PERMITTED ACTIVITY

(72 HOURS BEFORE YOU DIG, CALL MISS DIG 1-800-482-7161, www.missdig.org)

PERMIT TO MAINTAIN THE STORM WATER MANAGEMENT SYSTEM IN ACCORDANCE WITH THE DRAWING ATTACHED AS EXHIBIT "A", THE TERMS OF THE LONG-TERM MAINTENANCE PLAN ATTACHED AS EXHIBIT "B" AND THE WAYNE COUNTY STORM WATER ORDINANCE AND ADMINISTRATIVE RULES. A RESOLUTION FROM THE LOCAL MUNICIPALITY TO MAINTAIN THE PROPOSED STORM WATER MANAGEMENT SYSTEM AND ITS FACILITIES IS REQUIRED.

THE TOWNSHIP OF PLYMOUTH SHALL ASSUME JURISDICTION OVER AND ACCEPT RESPONSIBILITY FOR MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM(S) TO ENSURE THAT THE STORM WATER MANAGEMENT SYSTEM FUNCTIONS PROPERLY AS DESIGNED AND CONSTRUCTED. THE PERMIT HOLDER'S RESPONSIBILITIES UNDER THIS PERMIT SHALL INCLUDE, WITHOUT LIMITATIONS, (A) ANY MONITORING AND PREVENTIVE MAINTENANCE ACTIVITIES SET FORTH IN THE PLAN; (B) ANY AND ALL REMEDIAL ACTIONS NECESSARY TO REPAIR, MODIFY OR RECONSTRUCT THE SYSTEM AND (C) OTHER ACTIVITIES OR RESPONSIBILITIES FOR MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM AS MAY BE SET FORTH IN THE ORDINANCE, ADMINISTRATIVE RULES, THE PLAN OR THIS PERMIT.

THE TOWNSHIP OF PLYMOUTH SHALL PERFORM ALL MONITORING, MAINTENANCE, REMEDIAL AND OTHER RESPONSIBILITIES REQUIRED BY THE WAYNE COUNTY ORDINANCE, ADMINISTRATIVE RULES, THE PLAN AND THIS PERMIT, IN PERPETUITY AND AT ITS SOLE COST EXPENSE.

THE TOWNSHIP OF PLYMOUTH SHALL PREPARE, EXECUTE AND (IF NECESSARY) RECORD ANY AND ALL AGREEMENTS, CONTRACTS AND OTHER DOCUMENTS THAT MAY BE REQUIRED TO PERFORM ITS OBLIGATIONS HEREUNDER AND ENSURE MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM IN PERPETUITY.

IF WAYNE COUNTY FINDS IT NECESSARY TO ADJUST OR RELOCATE ALL OR ANY PORTION OF THE PERMITTED STORM WATER MANAGEMENT SYSTEM, THE PERMIT HOLDER SHALL CAUSE THIS ADJUSTMENT OR RELOCATION TO BE ACCOMPLISHED AT NO EXPENSE TO THE COUNTY. PRIOR TO ANY WORK BEING PERFORMED IN THE RIGHT-OF-WAY, A PERMIT SHALL BE SECURED FROM THE WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES PERMIT OFFICE.

APPROVED PLANS PREPARED BY

Ann Arbor Outlot, LLC

PLANS APPROVED BY

Roznowski, J.

REQUIRED ATTACHMENTS

EXHIBIT A: MAP DEPICTING PHYSICAL LIMITS OF STORM WATER MGT SYSTEM

EXHIBIT 'B': LONG TERM MAINTENANCE PLAN

EXHIBIT 'C': BINDING AGREEMENT (COMMUNITY RESOLUTION)

(PERMIT VALID ONLY IF ACCOMPANIED BY ABOVE ATTACHMENTS)

In consideration of the Permit Holder and Contractor agreeing to abide and conform with all the terms and conditions herein, a Permit is hereby issued to the above named to Construct, Operate, Use and/or Maintain within the Road Right of Way, County Easement, and/or County Property. The permitted work described above shall be accomplished in accordance with the Approved Plans, Maps, Specifications and Statements filed with the Permit Office which are integral to and made part of this Permit. The General Conditions as well as any Required Attachments are incorporated as part of this Permit.

PERMIT HOLDER NAME

PERMIT HOLDER / AUTHORIZED AGENT

DATE

WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES

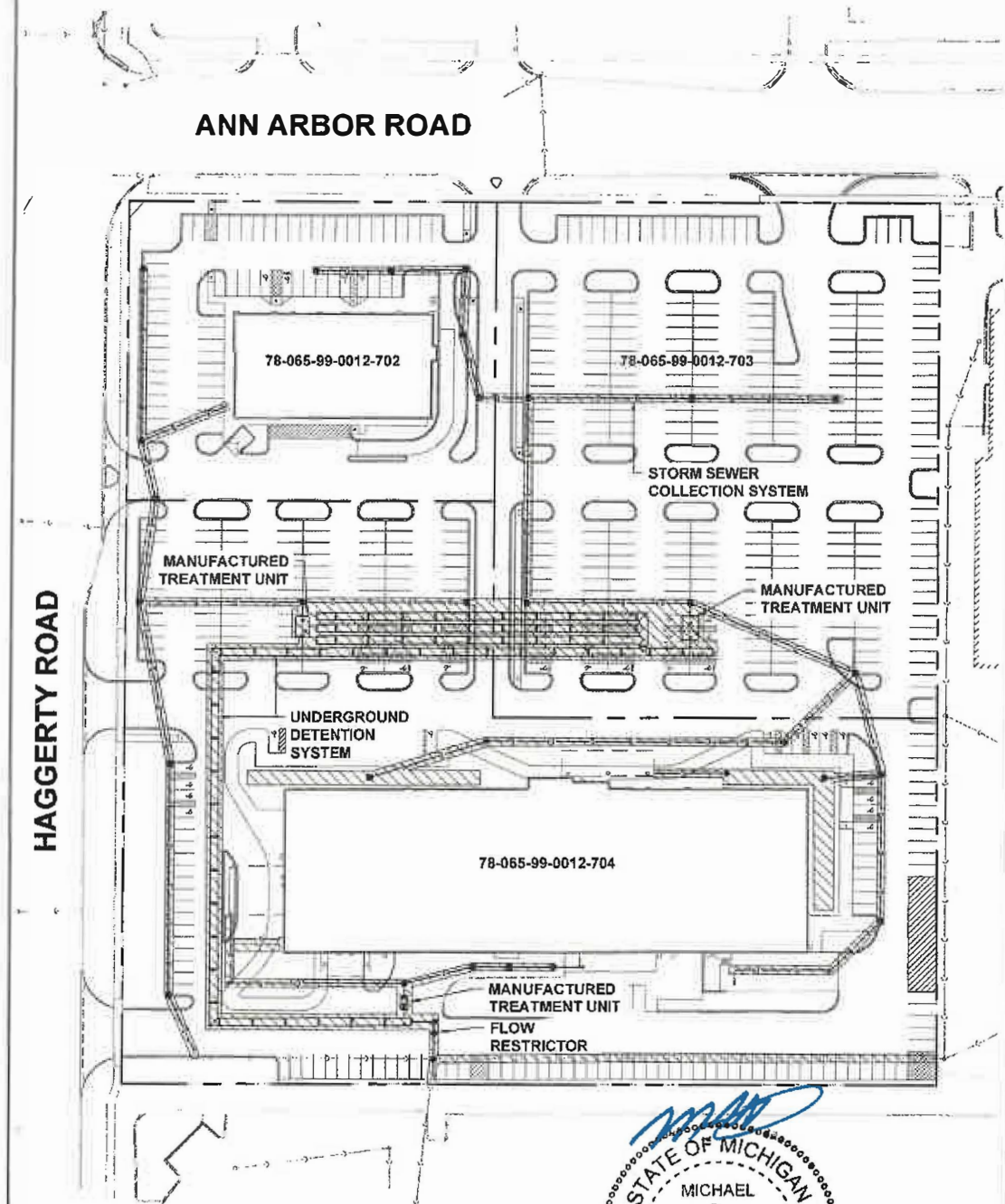
PREPARED BY

VALIDATED BY

PERMIT COORDINATOR

DATE

EXHIBIT "A" - STORM WATER MANAGEMENT SYSTEM PHYSICAL LIMITS



LEGEND



PLYMOUTH TOWNSHIP
STORM MAINTENANCE RESPONSIBILITY



PROJECT	OWNER	ENGINEER	DATE: 01-09-2020
PLYMOUTH MARKETPLACE PLYMOUTH TWP., MI ANN ARBOR ROAD & HAGGERTY ROAD	HENRY FORD HEALTH SYSTEM ONE FORD PLACE, 4A DETROIT, MI CONTACT: JEFFREY RINGVELSKI PHONE: (313) 874-4569	ATWELL, LLC 12745 23 MILE ROAD SHELBY TWP., MI 48315 PHONE: (586) 786-9800	<div> <p>SCALE: 1"=100'</p> </div>
SHEET 1 OF 2			

EXHIBIT "A" - STORM WATER MANAGEMENT SYSTEM PHYSICAL LIMITS

PROPERTY DESCRIPTIONS

DESCRIPTION OF A 3.00 ACRE PARCEL OF LAND (PARCEL C) LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN: THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH) FOR A PLACE OF BEGINNING; THENCE S00°00'00"W 390.36 FEET; THENCE N89°55'41"W 334.47 FEET; THENCE N00°05'40"E 390.49 FEET; THENCE S89°54'20"E 333.82 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF SAID ANN ARBOR ROAD TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 3.00 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

DESCRIPTION OF A 4.94 ACRE PARCEL OF LAND (PARCEL D) LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN: THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH); THENCE S00°00'00"W 390.36 FEET FOR A PLACE OF BEGINNING; THENCE CONTINUING S00°00'00"W 278.11 FEET; THENCE N89°48'53"W 611.87 FEET; THENCE N00°09'00"E 441.57 FEET ALONG THE EAST RIGHT OF WAY LINE OF HAGGERTY ROAD (VARIABLE WIDTH); THENCE S89°51'00"E 276.52 FEET; THENCE S00°05'40"W 164.29 FEET; THENCE S89°55'41"E 334.47 FEET TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 4.94 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

DESCRIPTION OF A 1.434 ACRE PARCEL (PARCEL B) OF LAND LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN: THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 984.96 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH) FOR A PLACE OF BEGINNING; THENCE S00°05'40"W 226.20 FEET; THENCE N89°51'00"W 276.52 FEET; THENCE N00°09'00"E 225.93 FEET ALONG THE EAST RIGHT OF WAY LINE OF HAGGERTY ROAD (VARIABLE WIDTH); THENCE S89°54'20"E 276.30 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF SAID ANN ARBOR ROAD TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 1.434 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.



PROJECT	OWNER	ENGINEER	DATE: 01-09-2020
PLYMOUTH MARKETPLACE PLYMOUTH TWP., MI ANN ARBOR ROAD & HAGGERTY ROAD	HENRY FORD HEALTH SYSTEM ONE FORD PLACE, 4A DETROIT, MI CONTACT: JEFFREY RINGVELSKI PHONE: (313) 874-4569	ATWELL, LLC 12745 23 MILE ROAD SHELBY TWP., MI 48315 PHONE: (586) 786-9800	
			SHEET 2 OF 2

EXHIBIT "B" - STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE PLAN

Wayne County DPS Permit No.: M -
Wayne County DPS Plan review No.: R20-033

A. Physical Limits of the Storm Water Management System

The storm water management system (SWMS) subject to long-term maintenance plan (Plan) is depicted on Exhibit A to the permit and includes without limitation the storm sewers, swales, catch basins, manholes, inlets, manufactured treatment system, underground detention system, flow restrictor structure and outlet pipe that conveys flow from the underground detention system to an existing Inkster Road storm catch basin. For the purpose of this plan, the SWMS and all of its components as shown in Exhibit A is referred to as "Plymouth Marketplace SWMS"

B. Time Frame for Long-Term Maintenance Responsibility

Henry Ford Health System is responsible for maintaining the Plymouth Marketplace SWMS including complying with applicable requirements of the local or Wayne County soil erosion and sedimentation control program until Wayne County releases the construction permit. Long-term maintenance responsibility for the Plymouth Marketplace SWMS commences when defined by maintenance permit issued by the County. Long-term maintenance continues in perpetuity.

C. Manner of Insuring Maintenance Responsibility

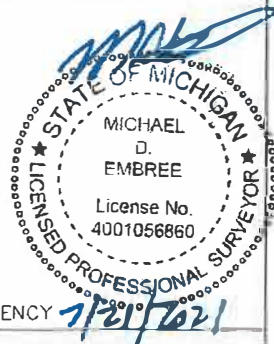
The Township of Plymouth has assumed responsibility for long-term maintenance of Plymouth Marketplace SWMS. The resolution by which The Township of Plymouth has assumed maintenance responsibility is attached to the permit as Exhibit C. Ann Arbor Road Outlot, LLC, through a maintenance agreement with the Township of Plymouth, has agreed to perform the maintenance activities required by this plan. The Township of Plymouth retains the right to enter the property and perform the necessary maintenance of the Plymouth Marketplace SWMS if Ann Arbor Road Outlot, LLC fails to perform the required maintenance activities.

To assure that the Plymouth Marketplace SWMS is maintained in perpetuity, the map of the physical limits of the storm water management system (Exhibit A), this plan (Exhibit B), the resolution attached as Exhibit C, and the maintenance agreement between the Township of Plymouth and the property owner will be recorded with the Wayne County Register of Deeds. Upon recording, a copy of the recorded documents will be provided to the County.

D. Long-Term Maintenance Plan and Schedule

Table 1 identifies the maintenance activities to be performed, organized by category (monitoring/inspections, preventative maintenance, and remedial actions) Table 1 also identifies site-specific work needed to ensure that the storm water management system functions properly as design.

TABLE 1 STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE SCHEDULE						
MAINTENANCE ACTIVITIES	SYSTEM COMPONENTS	STORM COLLECTION SYSTEM (SEWERS, SWALES, CATCH BASINS, MANHOLES)	MANUFACTURED TREATMENT SYSTEM	UNDERGROUND DETENTION SYSTEM	FLOW RESTRICTOR STRUCTURE & OUTLET PIPE	FREQUENCY
MONITORING/INSPECTION						
INSPECTION FOR SEDIMENT ACCUMULATION/CLOGGING		X	X	X	X	ANNUALLY
INSPECT FOR FLOATABLES, DEAD VEGETATION AND DEBRIS		X	X	X	X	ANNUALLY & AFTER MAJOR EVENTS
INSPECT FOR EROSION AND INTEGRITY OF SYSTEM		X			X	ANNUALLY & AFTER MAJOR EVENTS
INSPECT ALL COMPONENTS DURING WET WEATHER AND COMPARE		X	X	X	X	ANNUALLY
ENSURE MAINTENANCE ACCESS REMAIN OPEN/CLEAR		X	X	X	X	ANNUALLY
PREVENTATIVE MAINTENANCE						
REMOVE ACCUMULATED SEDIMENT		X	X	X	X	AS NEEDED (SEE NOTE BELOW)
REMOVE FOR FLOATABLES, DEAD VEGETATION AND DEBRIS		X			X	AS NEEDED
SWEEPING OF PARKING LOT SURFACES (STREET AND PARKING AREAS)					X	AS NEEDED
REMEDIAL ACTIONS						
REPAIR/STABILIZE AREAS OF EROSION		X			X	AS NEEDED
REPLACE DEAD PLANTINGS & RESEED BAR AREAS		X			X	AS NEEDED
STRUCTURAL REPAIRS		X	X	X	X	AS NEEDED
MAKE ADJUSTMENTS, REPAIRS TO ENSURE PROPER FUNCTIONING		X	X	X	X	AS NEEDED
NOTE: MANUFACTURED TREATMENT SYSTEM AND UNDERGROUND DETENTION SYSTEM TO BE CLEANED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS; AT A MINIMUM, WHENEVER SEDIMENTS ACCUMULATE TO A DEPTH OF 6-12 INCHES, OR IF SEDIMENT RESUSPENSION IS OBSERVED.						



PROJECT	OWNER	ENGINEER	DATE: 01-09-2020
PLYMOUTH MARKETPLACE PLYMOUTH TWP., MI ANN ARBOR ROAD & HAGGERTY ROAD	HENRY FORD HEALTH SYSTEM ONE FORD PLACE, 4A DETROIT, MI CONTACT: JEFFREY RINGVELSKI PHONE: (313) 874-4569	ATWELL, LLC 12745 23 MILE ROAD SHELBY TWP., MI 48315 PHONE: (586) 786-9800	
			SHEET 1 OF 1



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Henry Ford Health System, Sanitary Sewer Easement, Resolution #2023-08-22-62

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

The Board is required to approve sanitary sewer easement for all projects within the Charter Township of Plymouth.

Once approved by the Board, the documents are signed by the Township Clerk, the Township Attorney and the Township Engineer before recording them with Wayne County. Once recorded, the original easement remains on file in the Clerk's office.

ACTION REQUESTED:

Approve the easement.

PROPOSED MOTION: I move to adopt **Resolution #2023-08-22-62** authorizing the Township Clerk, Township Attorney and Township Engineer to sign the sanitary sewer easement for Henry Ford Health System and to authorize the recording of same.

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

**RESOLUTION TO AUTHORIZE THE SANITARY SEWER EASEMENT
HENRY FORD HEALTH SYSTEM, 78-065-99-0012-703**

RESOLUTION #2023-08-22-62

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, on August 22, 2023, the following resolution was offered:

WHEREAS, Henry Ford Health System, located at 40777 Ann Arbor Road, Plymouth, Michigan installed a sanitary sewer necessary for the development of their property, and,

WHEREAS, said sanitary sewer is a public sanitary sewer and requires access by the Charter Township of Plymouth for routine maintenance and/or repairs to the sanitary sewer;

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-62** authorizing the easement for the sanitary sewer located on the property at 78-065-99-0012-703 commonly known as: Henry Ford Health System, 40777 Ann Arbor Road, Plymouth, Michigan and grants approval for the Township Clerk, Township Attorney, and Township Engineer to sign and file the appropriate paperwork with Wayne County.

Moved by: _____ Seconded by: _____

ROLL CALL:

Heise___ Doroshewitz ___ Vorva ___ Buckley___ Curmi___ Monaghan___ Stewart___

EASEMENT EA-02 SANITARY

Henry Ford Health System, having an address of 40777 Ann Arbor Rd., Plymouth, MI 48170 herein after designated "GRANTOR", in consideration of the sum of One Dollar, receipt of which is hereby acknowledged and determined to be fair and just compensation by GRANTOR, does by these presents covenant and warrant that GRANTOR is the fee simple owner of the property described below and does grant and convey to the Plymouth Charter Township, a Michigan municipal corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter designated "GRANTEE", an easement and right of way for the purpose of installation, inspection, maintenance, repair, operation and removal of municipally owned utilities, including without limitation water, storm sewer and sanitary sewer and connections thereto, in, upon and across the property owned by GRANTOR, situated in the Plymouth Charter Township, Wayne County, Michigan and more particularly described in attached EXHIBIT A.

Parcel ID 78-065-99-0012-704

Commonly known as: Ann Arbor Rd/Haggerty Road

The GRANTEE, its employees, agents or independent contractors, shall have full right upon said property and ingress and egress thereto for the purpose of constructing, installing, maintaining, repairing, altering or removing the aforementioned facilities. Further, for the purpose of storing or moving machinery, materials or other incidentals in connection with and during the construction or maintenance of said work, GRANTEE, its employees, agents or independent contractors, shall have a right of access and use over and across adjoining lands of GRANTOR. Reasonable caution shall be observed by GRANTEE, its employees, agents and independent contractors, for the protection of trees, shrubs, fences and other improvements belonging to GRANTOR. All surplus earth shall be removed from the property or deposited on the property in a manner satisfactory to GRANTOR. Upon completion of installation, construction, maintenance, repairs, alteration or removal of said facilities, the premises shall be left as nearly as reasonably possible in the same condition as before such work began and all machinery, materials and equipment removed.

The granting of the easement as stated herein shall vest in the GRANTEE authority to use said property for the purposes herein designated. This grant of easement shall run with the land and be binding upon the heirs, successors and assigns of GRANTOR and GRANTEE. It is understood and agreed that any and all improvements or appurtenances of the municipally owned utilities in the easement premises shall become and remain at all times the property of the GRANTEE, its successors and assigns, and subject to the GRANTEE'S fees, rules, regulations and ordinances.

END OF PAGE

IN WITNESS WHEREOF, GRANTOR has executed this instrument on 10-21-2020

GRANTOR

GORDON GRAHAM MANAGER

(print or type name & title)

State of Michigan)
County of Wayne)ss.

The foregoing instrument was acknowledged before me this October 21
2020, by Gordon Graham, Manager
(print grantor names and titles, if any)

Opheia Perdue
Notary Public, Wayne County, Michigan

My commission expires.

OPHELIA PERDUE
Notary Public - Michigan
Wayne County
My Commission Expires Feb 1, 2022
Acting in the County of Wayne

This instrument drafted by:

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

Exempt from the taxation under MCL 207.505(a) and MCL 207.526(a).

This instrument approved as to form and substance by the Attorney for the Plymouth Charter Township, on
_____, 20____.

Kevin Bennett, Township Attorney

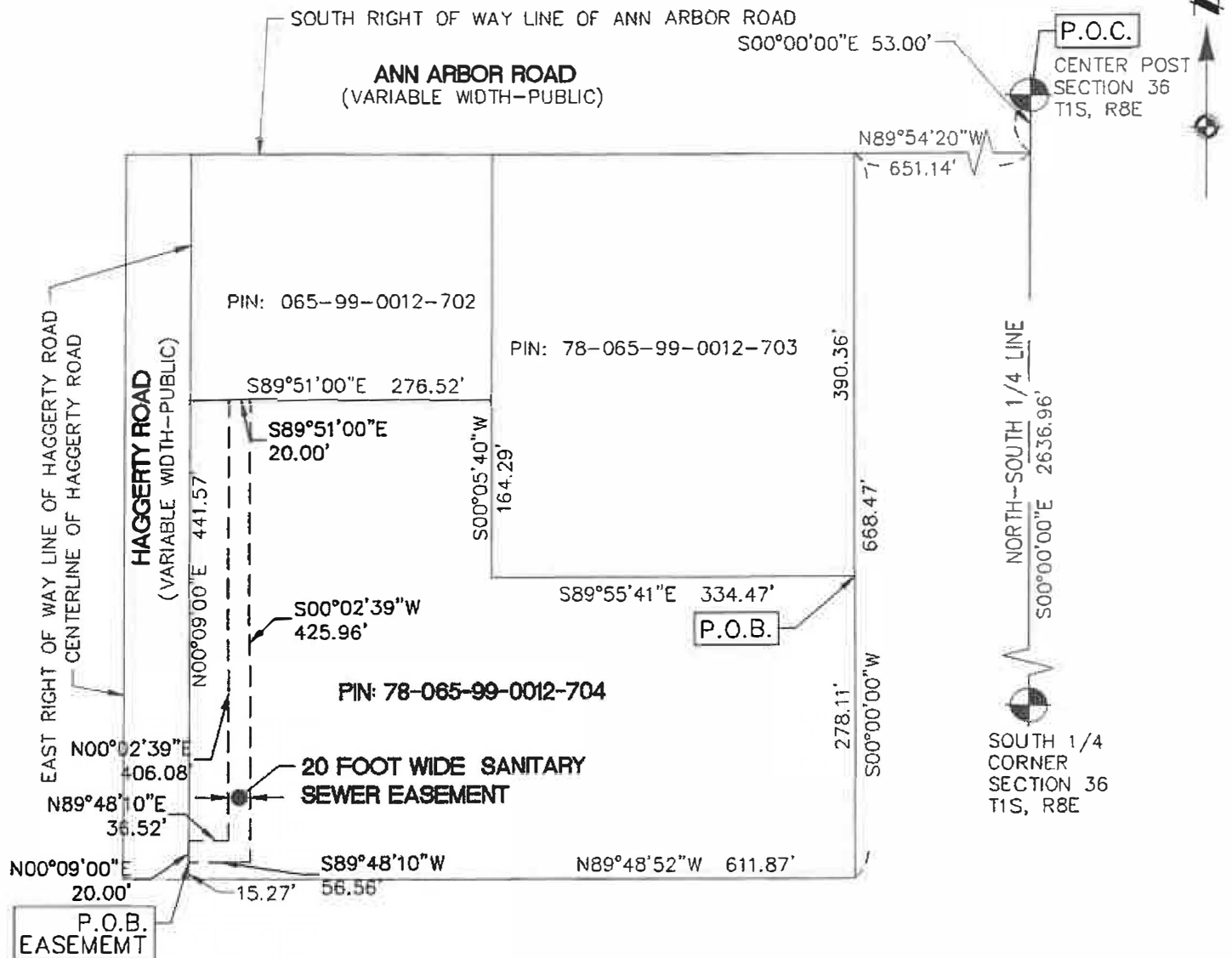
The easement description is approved as to form only by Engineer for the Plymouth Charter Township on
_____, 20____.

Jeremy Schrot, P.E., Township Engineer

This instrument accepted by the Board of Trustees of the Plymouth Charter Township at its meeting of
_____, 20____, and directed to be recorded.

Jerry Vorva, Plymouth Charter Township Clerk

EXHIBIT A



TAX PARCEL NO.: 065-99-0012-704

BEARINGS ARE BASED UPON THE NORTH-SOUTH 1/4 LINE OF SECTION 36, BEING S00°00'00"E, PER INFORMATIONAL TITLE REPORT ISSUED BY TITLE SOURCE, INC., ORDER NUMBER 61703065, EFFECTIVE DATE: FEBRUARY 29, 2016.

CLIENT GRAND/SAKWA PROPERTIES, LLC	JOB: 16000877	CAD EA-02
	DR. CLK	CH. ME
	BOOK NA	PG. NA
	SHEET OF 32 Packed Page 32 of 274	DATE: 09-01-2020
	FILE CODE:	



EXHIBIT A

DESCRIPTION OF TAX PARCEL 065-99-0012-704 AS SURVEYED BY ATWELL

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH); THENCE S00°00'00"W 390.36 FEET FOR A PLACE OF BEGINNING; THENCE CONTINUING S00°00'00"W 278.11 FEET; THENCE N89°48'53"W 611.87 FEET; THENCE N00°09'00"E 441.57 FEET ALONG THE EAST RIGHT OF WAY LINE OF HAGGERTY ROAD (VARIABLE WIDTH); THENCE S89°51'00"E 276.52 FEET; THENCE S00°05'40"W 164.29 FEET; THENCE S89°55'41"E 334.47 FEET TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 4.94 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

DESCRIPTION OF A 20 FOOT WIDE SANITARY SEWER EASEMENT LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH); THENCE S00°00'00"W 668.47 FEET; THENCE N89°48'53"W 611.87 FEET; THENCE N00°09'00"E 15.27 FEET ALONG THE EAST RIGHT OF WAY LINE OF HAGGERTY ROAD (VARIABLE WIDTH) FOR A PLACE OF BEGINNING; THENCE N00°09'00"E 20.00 FEET ALONG THE EAST RIGHT OF WAY LINE OF SAID HAGGERTY ROAD; THENCE N89°48'10"E 36.52 FEET; THENCE N00°02'39"E 406.08 FEET; THENCE S89°51'00"E 20.00 FEET; THENCE S00°02'39"W 425.96 FEET; THENCE S89°48'10"W 56.56 FEET TO THE PLACE OF BEGINNING.

TAX PARCEL NO.: 065-99-0012-704

BEARINGS ARE BASED UPON THE NORTH-SOUTH 1/4 LINE OF SECTION 36, BEING S00°00'00"E, PER INFORMATIONAL TITLE REPORT ISSUED BY TITLE SOURCE, INC., ORDER NUMBER 61703065, EFFECTIVE DATE: FEBRUARY 29, 2016.

CLIENT	JOB#	CAD
GRAND/SAKWA PROPERTIES, LLC	16000877	EA-02
	DR.	CH.
	CLK	ME
	BOOK	PG.
	NA	NA
	DATE:	
	09-01-2020	





CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Henry Ford Health System, Storm Drain Agreement, Resolution #2023-08-22-63

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

Wayne County requires the Township to accept jurisdiction of storm water management systems constructed to comply with the Wayne County Storm Water Management Ordinance and Administrative Rules. The Storm Drain Agreement passes this responsibility on to the owners of the property benefitted by the drainage improvements.

ACTION REQUESTED:

Approve the enclosed resolution authorizing the Township Supervisor to sign the Wayne County Maintenance Permit and authorize the Township Supervisor and Clerk to execute the Storm Drain Agreement.

PROPOSED MOTION: Move to adopt **Resolution #2023-08-22-63** authorizing the Township Supervisor to sign the Wayne County Permit M-52455 and approve the Storm Drain Agreement with Henry Ford Health System and authorize the Township Supervisor and Clerk to execute same.

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

**RESOLUTION TO APPROVE
STORM DRAIN AGREEMENT – HENRY FORD HEALTH SYSTEM –
AKA PLYMOUTH MARKETPLACE
78-065-99-0012-703 & 78-065-99-0012-704
RESOLUTION #2023-08-22-63**

WHEREAS, the Plymouth Charter Township has been requested by Henry Ford Health System, 1 Ford Place, Detroit, Michigan, to assume jurisdiction and maintenance of a certain storm drain (or storm sewer, as the case may be); and,

WHEREAS, the Wayne County Department of Public Services for the County of Wayne is agreeable to such request and has prepared a Permit M-52455 be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and Henry Ford Health System, for the purposes therein stated; and,

WHEREAS, the Plymouth Charter Township is under no legal duty to assume such jurisdiction and maintenance or to enter into the aforesaid Permit for the particular benefit of Henry Ford Health System and the property served by the storm drain and it is necessary for the public health, safety and welfare that said storm drain be maintained and such maintenance be without cost or expense to the Plymouth Charter Township; and,

WHEREAS, Henry Ford Health System has willingly and freely affirmed the desire and intent to execute and record instruments for the purpose of insuring that the Plymouth Charter Township will be held harmless from all costs and expenses in any way pertaining to the Plymouth Charter Township assuming the aforescribed maintenance and jurisdiction or to the aforesaid Permit being executed by the Plymouth Charter Township;

NOW, THEREFORE, BE IT RESOLVED that the Plymouth Charter Township shall assume jurisdiction and maintenance of the storm drain servicing the premises within Henry Ford Health System, Plymouth, Michigan 48170 and owned by Henry Ford Health System.

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute Permit M-52455 of the Wayne County Department of Public Services on behalf of the Plymouth Charter Township; and,

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute the Storm Drain Agreement on behalf of the Plymouth Charter Township together with Henry Ford Health System in the form and substance of the instrument presented to this Board.

Moved by: _____ Seconded by: _____

ROLL CALL:

Heise___ Doroshewitz___ Vorva___ Buckley___ Curmi___ Monaghan___ Stewart___

STORM WATER DRAINAGE SYSTEM AGREEMENT

THIS AGREEMENT is made this 12TH day of November, 2020, by and between the Charter Township of Plymouth, a Michigan municipal corporation, with principal offices located at 9955 N. Haggerty Road, Plymouth, MI 48170 ("Township") and HENRY FORD HEALTH SYSTEM, a Michigan [profit corporation/limited liability company], with principal offices located at ONE FORD PLACE DETROIT, MI 48202 ("Proprietor").

RECITATIONS:

A. Proprietor is developing certain property located in Plymouth Township, Wayne County, Michigan as [nature of development] ("Development") as more particularly described in Exhibit A attached hereto. [Exhibit A should include the legal description of the development and the engineering drawings of the storm drain system.]

B. As part of the Development, Proprietor is required to construct a storm drainage system ("System") to provide adequate drainage of storm water for the Development. The storm water drainage system is depicted on the map attached hereto as Exhibit A.

C. The Township and/or Wayne County Department of Public Services or the Michigan Department of Transportation has issued a permit ("Permit") to Proprietor authorizing the construction, operation and maintenance of the storm drainage system, which is located within the Wayne County Department of Public Services and/or the Michigan State Highway Department's right-of-way and/or drain, on or adjacent to the Development as described in the Permit attached as Exhibit B attached hereto and incorporated herein by reference, so long as the Township assumes jurisdiction for the operation and maintenance of the storm drainage system referred to in the Permit.

D. The Permit issued Wayne County Department of Public Services will benefit the Proprietor and the proposed Development.

E. The Township desires to transfer, and Proprietor agrees to assume, certain responsibilities of the Township required under the Permit, and Proprietor hereby confirms its

agreement to the terms and conditions and acceptance of such transfer of responsibility to it under this Agreement.

F. As used herein, "Proprietor" includes all of Proprietor's successors and assigns, including all current and future owners and occupiers of property within the Development.

NOW, THEREFORE, for and in consideration of the mutual covenants and benefits to be derived hereunder, the receipt, adequacy and sufficiency of which is hereby acknowledged, the Township and the Proprietor agree as follows:

1. All of the foregoing Recitals are true and correct and are incorporated herein as part of the Agreement for all purposes.

2. Proprietor shall prepare and submit to the Township for review and approval by the Township, in its sole discretion, all construction and as-built plans and specifications for the storm water drainage system as the Township may require.

3. Proprietor shall construct the storm water drainage system as part of the Development in accordance with the plans and specifications approved the Wayne County Department of Public Services.

4. Proprietor agrees that it will maintain in good working condition, and to perpetually preserve and repair at its own expense, the storm water drainage system described in the Permit as Exhibit B attached hereto and incorporated herein by reference.

5. The Township shall have the right, but not the duty, to enter the property comprising the Development for the purpose of inspecting the storm water drainage system for compliance to the Permit, and to ensure the system stays in good working order.

6. If Proprietor fails to preserve and/or maintain the storm water drainage system in reasonable order and condition, the Township may serve written notice upon Proprietor setting forth the deficiencies in maintenance and/or preservation along with a demand that the deficiencies be cured within a stated reasonable period, and time, date, and place for a hearing before the Township Board for the purpose of allowing them an opportunity to be heard as to why the Township should not proceed with the correction of the deficiency or obligation, which has not been undertaken or properly fulfilled. At any such time for hearing, the time for curing and the hearing itself may be extended and/or continued to a date certain. If, following such hearing, the Township Board shall determine that the obligation has not been fulfilled or failure correction within the time specified in the notice, as determined by the Township in its sole and reasonable discretion, the Township thereupon shall have the power and authority, but not the obligation, to enter upon the property or cause its agents or contractors to enter the Development and perform such obligation or take such corrective measures as reasonably found by the Township to be appropriate or necessary with respect to the storm water drainage system. The cost of making and financing such improvements by the Township, including notices by the Township and reasonable legal fees incurred by the Township, plus an administrative fee of 20% of the total of all such costs and expenses incurred, shall be paid by Proprietor within thirty (30)

days of billing to it. All unpaid amount may be placed on the delinquent tax roll of the Township as to the property within the Development, and shall accrue interest and penalties, and shall be collected as, and shall be deemed delinquent real property taxes, according to the laws made and provided for the collection of delinquent real property taxes. In the discretion of the Township, such costs and expenses may be collected by suit initiated against Proprietor, and in such event, Proprietor shall pay all court costs and reasonable attorney fees incurred by the Township in connection with such suit.

7. In the event that Township, in its sole discretion, determines that the condition of the storm water drainage system has deteriorated to the point that, or the deficiency in the operation and/or maintenance by Proprietor is such that there is a danger to the public health, safety and welfare or there is a substantial potential for damage to any property and/or road improvements, the Township's obligation to provide written notice to Proprietor shall be deemed waived, and the Township or its authorized agent may enter the Development to immediately begin emergency maintenance and/or repair work. If it is found necessary to adjust or relocate all or any portion of the storm water drainage system within the road right-of-way, the Township shall, upon advance notice to Proprietor, cause such adjustment or relocation to occur. Prior to any work being performed in the road right-of-way, a permit shall be secured from the Wayne County Office of Public Services or Michigan Department of Transportation, as applicable. The cost for all such work shall be billed to Proprietor under the same procedure set forth in paragraph 6 above.

8. Notwithstanding Proprietor's assumption of the responsibilities and the acceptance of liabilities stated herein, the Township shall retain jurisdiction over the storm drainage system and its rights and remedies under the Permit or any applicable statute, ordinance, rule or regulation are hereby preserved. Without limitation of the foregoing, Proprietor, at its sole cost and expense, shall perform maintenance of the storm water facilities described in the Township's Storm Water Management and Long-Term Maintenance Plan as Exhibit C attached hereto and incorporated herein by reference.

9. Proprietor shall defend, indemnify and hold the Township harmless from and against any claims, demands, actions, damages, injuries, costs or expenses of any nature whatsoever ("Claims"), fixed or contingent, known or unknown, arising out of or in any way connected with the design, construction, use, maintenance, repair or operation (or omissions in such regard) of the storm drainage system referred to in the permit as Exhibit B hereto, appurtenances, connections and attachments thereto which are the subject of this Agreement. This indemnity and hold harmless shall include any costs, expenses and attorney fees incurred by the Township in connection with such Claims or the enforcement of this Agreement.

10. Proprietor shall comply with the Elliott-Larsen Civil Rights Act, Public Act 453 of 1976, MCL 37.2101 *et seq.*

11. This Agreement shall be recorded at Proprietor's expense with the Wayne County Register of Deeds.

12. The parties hereto make this Agreement on behalf of themselves, their heirs, successors, assigns and transferees; and hereby warrant that they have the authority and capacity to execute this Agreement and bind the property as described in this Agreement. This Agreement shall run with the land and be binding upon all owners, their agents, heirs, successors, assigns, and transferees.

13. This Agreement shall be interpreted in accordance with the laws of the State of Michigan.

14. Invalidation of any of the provisions of this Agreement by Judgment or Court order shall in no way effect the validity of any other provision(s), which shall remain in full force and effect.

15. The Township's failure to exercise a right or remedy will not operate as a waiver of any of the Township's rights or remedies under this Agreement.

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

17. This Agreement is for the sole benefit of the parties and their respective successors and permitted assigns, and nothing in this Agreement, express or implied, is intended to or shall confer on any other person or entity any legal or equitable right, benefit, or remedy of any nature whatsoever under or by reason of this Agreement.

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

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

20. No provision of this agreement shall be construed against or interpreted to the disadvantage of one party against the other party by any court, or governmental authority, by reason of any determination or assertion that one party was chiefly or primarily responsible for having drafted, dictated or structured such provision.

21. Proprietor warrants that is a [corporation / limited liability company], organized, validly existing, and in good standing under the laws of the state of Michigan.

22. Proprietor warrants that is qualified to do business and is in good standing in every jurisdiction in which that qualification is required for purposes of this Agreement, and that it has obtained and maintained in good standing any licenses required under Michigan law.

23. Proprietor warrants that it has the full right, power, and authority to enter into this Agreement and to perform its obligations under it.

24. Nothing herein shall be construed as a waiver of governmental immunity by the Township.

[The remainder of this page is intentionally blank, signature pages to follow.]

IN WITNESS WHEREOF, Proprietor and Township have executed this Agreement on the day and year first above written.

[Name of Proprietor]

JEFFREY KINGNEUSKI
[Printed name]

Its: [Managing Member / President]

STATE OF MICHIGAN)

) SS

COUNTY OF WAYNE)

Acknowledged by Karen E. Hawkins before me on the 13th day of November, 2020

Karen E. Hawkins
[Printed name]

KAREN E. HAWKINS
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Mar 3, 2022
ACTING IN COUNTY OF Oakland

Notary Public, Karen E. Hawkins
County, Michigan

My commission expires: March 3, 2022

Charter Township of Plymouth

Kurt L. Heise
Supervisor

STATE OF MICHIGAN)

) SS

COUNTY OF WAYNE)

Acknowledged by _____ before me on the ____ day of _____, 20____.

[Printed name]

Notary Public, _____
County, Michigan

My commission expires: _____

INSTRUMENT DRAFTED BY:
Kevin L. Bennett (P42972)
217 Ann Arbor Road West
Suite 302
Plymouth, MI 48170

WHEN RECORDED RETURN TO:
Charter Township of Plymouth
Attn: Clerk
9955 N. Haggerty Road
Plymouth, MI 48170

PERMIT OFFICE
33809 MICHIGAN AVE
WAYNE, MI 48184,
PHONE (734) 595-6504
FAX (734) 595-6356

72 HOURS BEFORE ANY
CONSTRUCTION. CALL

FOR INSPECTION



WAYNE COUNTY
DEPARTMENT OF PUBLIC SERVICES
PERMIT TO CONSTRUCT, OPERATE, USE AND/OR MAINTAIN

PERMIT No

M-52455

ISSUE DATE

EXPIRES

8/7/2023

REVIEW No.

WORK ORDER

R 20-033

PROJECT NAME

MAINTENANCE PERMIT FOR PLYMOUTH MARKETPLACE

LOCATION

HAGGERTY ROAD (SE CORNER OF INTERSECTION OF HAGGERTY RD AND ANN ARBOR RD)

CITY/TWP

PLYMOUTH TWP

PERMIT HOLDER

**CHARTER TOWNSHIP OF PLYMOUTH
9955 N. HAGGERTY ROAD
PLYMOUTH, MI 48170-4673**

CONTRACTOR

CONTACT

KURT HEISE

CONTACT

WISSAM <BLANK>

(313) 995-2444

DESCRIPTION OF PERMITTED ACTIVITY

(72 HOURS BEFORE YOU DIG, CALL MISS DIG 1-800-482-7161, www.missdig.org)

PERMIT TO MAINTAIN THE STORM WATER MANAGEMENT SYSTEM IN ACCORDANCE WITH THE DRAWING ATTACHED AS EXHIBIT "A", THE TERMS OF THE LONG-TERM MAINTENANCE PLAN ATTACHED AS EXHIBIT "B" AND THE WAYNE COUNTY STORM WATER ORDINANCE AND ADMINISTRATIVE RULES. A RESOLUTION FROM THE LOCAL MUNICIPALITY TO MAINTAIN THE PROPOSED STORM WATER MANAGEMENT SYSTEM AND ITS FACILITIES IS REQUIRED.

THE TOWNSHIP OF PLYMOUTH SHALL ASSUME JURISDICTION OVER AND ACCEPT RESPONSIBILITY FOR MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM(S) TO ENSURE THAT THE STORM WATER MANAGEMENT SYSTEM FUNCTIONS PROPERLY AS DESIGNED AND CONSTRUCTED. THE PERMIT HOLDER'S RESPONSIBILITIES UNDER THIS PERMIT SHALL INCLUDE, WITHOUT LIMITATIONS, (A) ANY MONITORING AND PREVENTIVE MAINTENANCE ACTIVITIES SET FORTH IN THE PLAN; (B) ANY AND ALL REMEDIAL ACTIONS NECESSARY TO REPAIR, MODIFY OR RECONSTRUCT THE SYSTEM AND (C) OTHER ACTIVITIES OR RESPONSIBILITIES FOR MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM AS MAY BE SET FORTH IN THE ORDINANCE, ADMINISTRATIVE RULES, THE PLAN OR THIS PERMIT.

THE TOWNSHIP OF PLYMOUTH SHALL PERFORM ALL MONITORING, MAINTENANCE, REMEDIAL AND OTHER RESPONSIBILITIES REQUIRED BY THE WAYNE COUNTY ORDINANCE, ADMINISTRATIVE RULES, THE PLAN AND THIS PERMIT, IN PERPETUITY AND AT ITS SOLE COST EXPENSE.

THE TOWNSHIP OF PLYMOUTH SHALL PREPARE, EXECUTE AND (IF NECESSARY) RECORD ANY AND ALL AGREEMENTS, CONTRACTS AND OTHER DOCUMENTS THAT MAY BE REQUIRED TO PERFORM ITS OBLIGATIONS HEREUNDER AND ENSURE MAINTENANCE OF THE STORM WATER MANAGEMENT SYSTEM IN PERPETUITY.

IF WAYNE COUNTY FINDS IT NECESSARY TO ADJUST OR RELOCATE ALL OR ANY PORTION OF THE PERMITTED STORM WATER MANAGEMENT SYSTEM, THE PERMIT HOLDER SHALL CAUSE THIS ADJUSTMENT OR RELOCATION TO BE ACCOMPLISHED AT NO EXPENSE TO THE COUNTY. PRIOR TO ANY WORK BEING PERFORMED IN THE RIGHT-OF-WAY, A PERMIT SHALL BE SECURED FROM THE WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES PERMIT OFFICE.

APPROVED PLANS PREPARED BY

Ann Arbor Outlot, LLC

PLANS APPROVED BY

Roznowski, J.

REQUIRED ATTACHMENTS

EXHIBIT A: MAP DEPICTING PHYSICAL LIMITS OF STORM WATER MGT SYSTEM

EXHIBIT 'B': LONG TERM MAINTENANCE PLAN

EXHIBIT 'C': BINDING AGREEMENT (COMMUNITY RESOLUTION)

(PERMIT VALID ONLY IF ACCOMPANIED BY ABOVE ATTACHMENTS)

In consideration of the Permit Holder and Contractor agreeing to abide and conform with all the terms and conditions herein, a Permit is hereby issued to the above named to Construct, Operate, Use and/or Maintain within the Road Right of Way, County Easement, and/or County Property. The permitted work described above shall be accomplished in accordance with the Approved Plans, Maps, Specifications and Statements filed with the Permit Office which are integral to and made part of this Permit. The General Conditions as well as any Required Attachments are incorporated as part of this Permit.

WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES

PERMIT HOLDER NAME

PERMIT HOLDER / AUTHORIZED AGENT

DATE

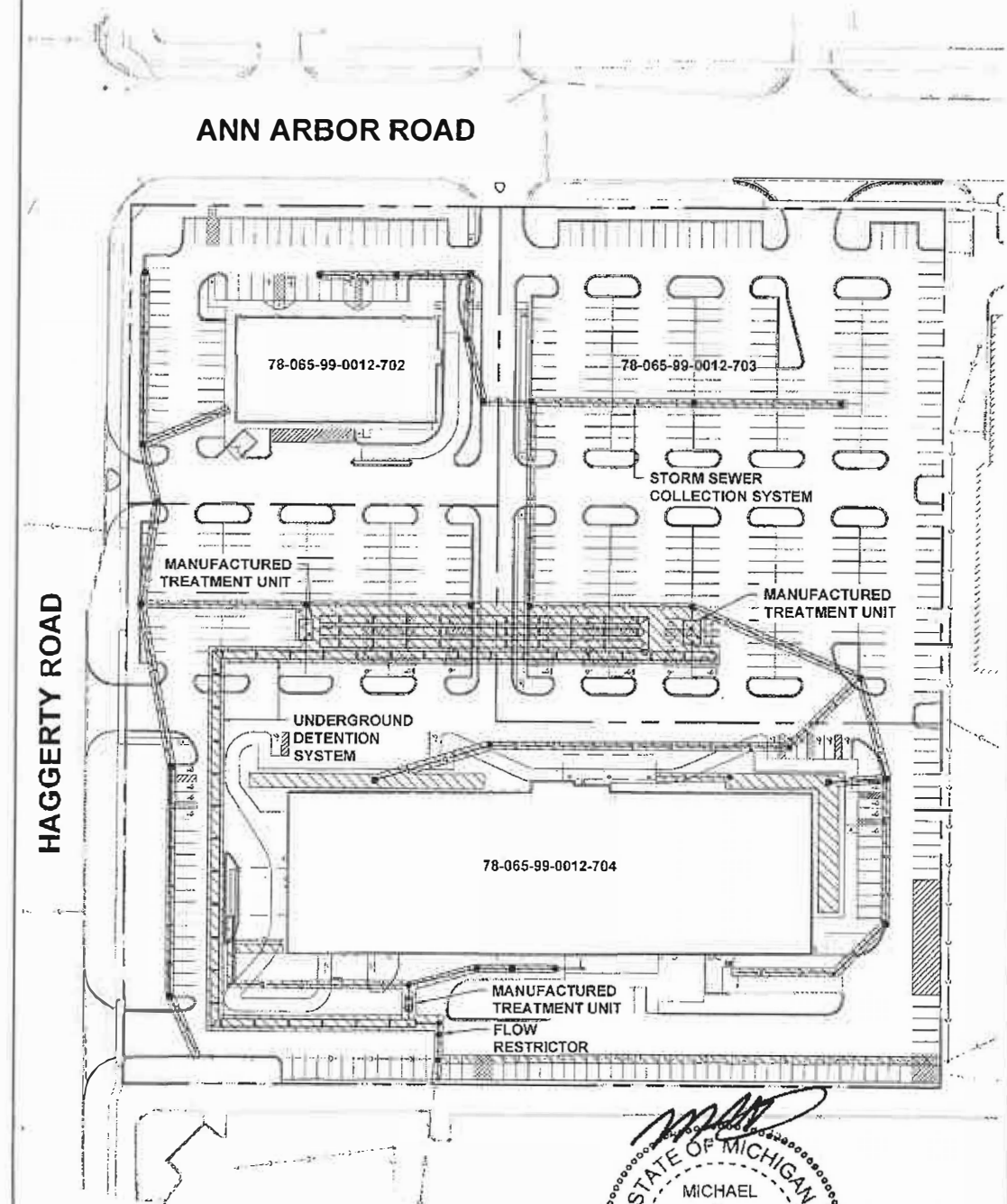
PREPARED BY

VALIDATED BY

PERMIT COORDINATOR

DATE

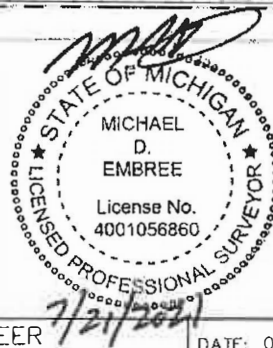
EXHIBIT "A" - STORM WATER MANAGEMENT SYSTEM PHYSICAL LIMITS



LEGEND



PLYMOUTH TOWNSHIP
STORM MAINTENANCE RESPONSIBILITY



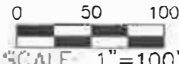
PROJECT	OWNER	ENGINEER	DATE: 01-09-2020
PLYMOUTH MARKETPLACE PLYMOUTH TWP., MI ANN ARBOR ROAD & HAGGERTY ROAD	HENRY FORD HEALTH SYSTEM ONE FORD PLACE, 4A DETROIT, MI CONTACT: JEFFREY RINGVELSKI PHONE: (313) 874-4569	ATWELL, LLC 12745 23 MILE ROAD SHELBY TWP., MI 48315 PHONE: (586) 786-9800	 SCALE 1"=100'
			SHEET 1 OF 2

EXHIBIT "A" - STORM WATER MANAGEMENT SYSTEM PHYSICAL LIMITS

PROPERTY DESCRIPTIONS

DESCRIPTION OF A 3.00 ACRE PARCEL OF LAND (PARCEL C) LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

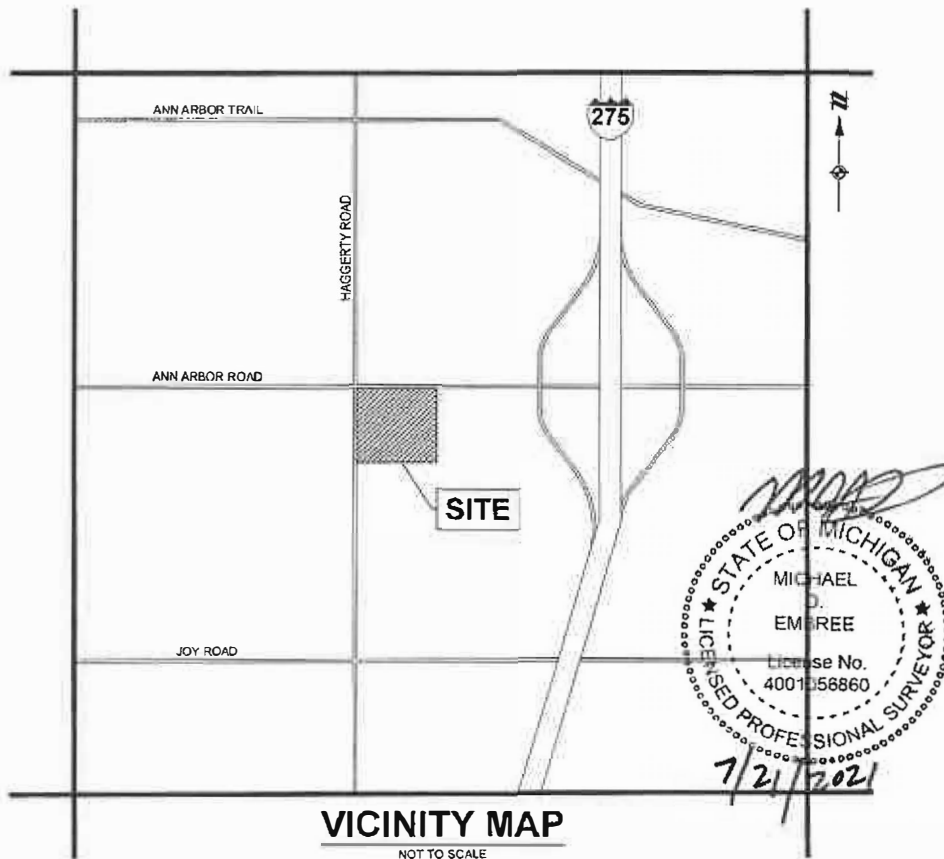
COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH) FOR A PLACE OF BEGINNING; THENCE S00°00'00"W 390.36 FEET; THENCE N89°55'41"W 334.47 FEET; THENCE N00°05'40"E 390.49 FEET; THENCE S89°54'20"E 333.82 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF SAID ANN ARBOR ROAD TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 3.00 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

DESCRIPTION OF A 4.94 ACRE PARCEL OF LAND (PARCEL D) LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH); THENCE S00°00'00"W 390.36 FEET FOR A PLACE OF BEGINNING; THENCE CONTINUING S00°00'00"W 278.11 FEET; THENCE N89°48'53"W 611.87 FEET; THENCE N00°09'00"E 441.57 FEET ALONG THE EAST RIGHT OF WAY LINE OF HAGGERTY ROAD (VARIABLE WIDTH); THENCE S89°51'00"E 276.52 FEET; THENCE S00°05'40"W 164.29 FEET; THENCE S89°55'41"E 334.47 FEET TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 4.94 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

DESCRIPTION OF A 1.434 ACRE PARCEL (PARCEL B) OF LAND LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 984.96 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH) FOR A PLACE OF BEGINNING; THENCE S00°05'40"W 226.20 FEET; THENCE N89°51'00"W 276.52 FEET; THENCE N00°09'00"E 225.93 FEET ALONG THE EAST RIGHT OF WAY LINE OF HAGGERTY ROAD (VARIABLE WIDTH); THENCE S89°54'20"E 276.30 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF SAID ANN ARBOR ROAD TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 1.434 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.



PROJECT	OWNER	ENGINEER	DATE: 01-09-2020
PLYMOUTH MARKETPLACE PLYMOUTH TWP., MI ANN ARBOR ROAD & HAGGERTY ROAD	HENRY FORD HEALTH SYSTEM ONE FORD PLACE, 4A DETROIT, MI CONTACT: JEFFREY RINGVELSKI PHONE: (313) 874-4569	ATWELL, LLC 12745 23 MILE ROAD SHELBY TWP., MI 48315 PHONE: (586) 786-9800	
			SHEET 2 OF 2

EXHIBIT "B" - STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE PLAN

Wayne County DPS Permit No.: M -
Wayne County DPS Plan review No.: R20-033

A. Physical Limits of the Storm Water Management System

The storm water management system (SWMS) subject to long-term maintenance plan (Plan) is depicted on Exhibit A to the permit and includes without limitation the storm sewers, swales, catch basins, manholes, inlets, manufactured treatment system, underground detention system, flow restrictor structure and outlet pipe that conveys flow from the underground detention system to an existing Inkster Road storm catch basin. For the purpose of this plan, the SWMS and all of its components as shown in Exhibit A is referred to as "Plymouth Marketplace SWMS"

B. Time Frame for Long-Term Maintenance Responsibility

Henry Ford Health System is responsible for maintaining the Plymouth Marketplace SWMS including complying with applicable requirements of the local or Wayne County soil erosion and sedimentation control program until Wayne County releases the construction permit. Long-term maintenance responsibility for the Plymouth Marketplace SWMS commences when defined by maintenance permit issued by the County. Long-term maintenance continues in perpetuity.

C. Manner of Insuring Maintenance Responsibility

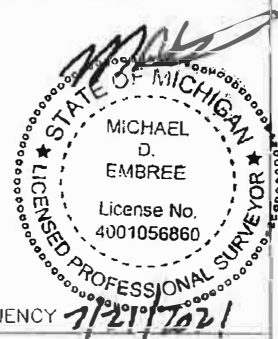
The Township of Plymouth has assumed responsibility for long-term maintenance of Plymouth Marketplace SWMS. The resolution by which The Township of Plymouth has assumed maintenance responsibility is attached to the permit as Exhibit C. Ann Arbor Road Outlot, LLC, through a maintenance agreement with the Township of Plymouth, has agreed to perform the maintenance activities required by this plan. The Township of Plymouth retains the right to enter the property and perform the necessary maintenance of the Plymouth Marketplace SWMS if Ann Arbor Road Outlot, LLC fails to perform the required maintenance activities.

To assure that the Plymouth Marketplace SWMS is maintained in perpetuity, the map of the physical limits of the storm water management system (Exhibit A), this plan (Exhibit B), the resolution attached as Exhibit C, and the maintenance agreement between the Township of Plymouth and the property owner will be recorded with the Wayne County Register of Deeds. Upon recording, a copy of the recorded documents will be provided to the County.

D. Long-Term Maintenance Plan and Schedule

Table 1 identifies the maintenance activities to be performed, organized by category (monitoring/inspections, preventative maintenance, and remedial actions) Table 1 also identifies site-specific work needed to ensure that the storm water management system functions properly as design.

TABLE 1 STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE SCHEDULE						
MAINTENANCE ACTIVITIES	SYSTEM COMPONENTS (SEWERS, SWALES, CATCH BASINS, MANHOLES)	MANUFACTURED TREATMENT SYSTEM	UNDERGROUND DETENTION SYSTEM	FLOW RESTRICTOR STRUCTURE & OUTLET PIPE	PAVEMENT AREAS, OTHERS	FREQUENCY
MONITORING/INSPECTION						
INSPECTION FOR SEDIMENT ACCUMULATION/CLOGGING	X	X	X	X	X	ANNUALLY
INSPECT FOR FLOATABLES, DEAD VEGETATION AND DEBRIS	X	X	X	X	X	ANNUALLY & AFTER MAJOR EVENTS
INSPECT FOR EROSION AND INTEGRITY OF SYSTEM	X			X		ANNUALLY & AFTER MAJOR EVENTS
INSPECT ALL COMPONENTS DURING WET WEATHER AND COMPARE	X	X	X	X	X	ANNUALLY
ENSURE MAINTENANCE ACCESS REMAIN OPEN/CLEAR	X	X	X	X	X	ANNUALLY
PREVENTATIVE MAINTENANCE						
REMOVE ACCUMULATED SEDIMENT	X	X	X	X	X	AS NEEDED (SEE NOTE BELOW)
REMOVE FOR FLOATABLES, DEAD VEGETATION AND DEBRIS	X				X	AS NEEDED
SWEEPING OF PARKING LOT SURFACES (STREET AND PARKING AREAS)					X	AS NEEDED
REMEDIAL ACTIONS						
REPAIR/STABILIZE AREAS OF EROSION	X				X	AS NEEDED
REPLACE DEAD PLANTINGS & RESEED BAR AREAS	X				X	AS NEEDED
STRUCTURAL REPAIRS	X	X	X	X	X	AS NEEDED
MAKE ADJUSTMENTS, REPAIRS TO ENSURE PROPER FUNCTIONING	X	X	X	X	X	AS NEEDED
NOTE: MANUFACTURED TREATMENT SYSTEM AND UNDERGROUND DETENTION SYSTEM TO BE CLEANED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS: AT A MINIMUM, WHENEVER SEDIMENTS ACCUMULATE TO A DEPTH OF 6-12 INCHES, OR IF SEDIMENT RESUSPENSION IS OBSERVED.						



PROJECT PLYMOUTH MARKETPLACE PLYMOUTH TWP., MI ANN ARBOR ROAD & HAGGERTY ROAD	OWNER HENRY FORD HEALTH SYSTEM ONE FORD PLACE, 4A DETROIT, MI CONTACT: JEFFREY RINGVELSKI PHONE: (313) 874-4569	ENGINEER ATWELL, LLC 12745 23 MILE ROAD SHELBY TWP., MI 48315 PHONE: (586) 786-9800	DATE: 01-09-2020
			SHEET 1 OF 1

D.2.g



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Henry Ford Health for Vacation of Existing Water Main Easement, **Resolution #2023-08-22-64**

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

Henry Ford Health System has requested a recorded water main easement be permanently vacated as the easement will be replaced with a new water main easement to cover the existing water main and the relocated water main.

ACTION REQUESTED:

Approve the enclosed resolution approving and authorizing the recording of the vacated easement.

PROPOSED MOTION: Move to adopt **Resolution #2023-08-22-64** authorizing the Township to approve and record the vacated water main easement.

Moved by: _____ Seconded by: _____

ROLL CALL:

___Heitman, ___Vorva, ___Clinton, ___Curmi, ___Dempsey, ___Doroshewitz, ___Heise

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

**RESOLUTION TO AUTHORIZE THE VACATION OF A RECORDED WATER MAIN
EASEMENT
FOR HENRY FORD HEALTH SYSTEMS**

RESOLUTION #2023-08-22-64

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, on, August 22, 2023, the following resolution was offered:

WHEREAS, Henry Ford Health System, located at 40777 Ann Arbor Road, Plymouth, Michigan is requesting to vacate the existing 20-foot-wide water main easement L.18378, P.560,

WHEREAS, said water main L.18378, P.560, is an old version of the current water main easement on site and is being partially replaced with new water main;

WHEREAS, Henry Ford Health System is requesting that Plymouth Township partially vacate the existing 20-foot-wide water main easement L.18378, P.560. This water main is being vacated in areas where existing water main pipe will be removed and replaced with a new water main placed to reroute the existing system.

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-64** and grants approval for the Township Clerk, Township Attorney, and Township Engineer to sign and file the appropriate paperwork with Wayne County.

Motion By: _____

Seconded By: _____

Roll Call:

___Clinton, ___Curmi, ___Doroshewitz, ___Heise, ___Monaghan, ___Stewart, ___Vorva

EASEMENT EA-05 WATER VACATION

Henry Ford Health System, having an address of 40777 Ann Arbor Rd., Plymouth, MI 48170 herein after designated "GRANTOR", in consideration of the sum of One Dollar, receipt of which is hereby acknowledged and determined to be fair and just compensation by GRANTOR, does by these presents covenant and warrant that GRANTOR is the fee simple owner of the property described below and does grant and convey to the Plymouth Charter Township, a Michigan municipal corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter designated "GRANTEE", an easement and right of way for the purpose of installation, inspection, maintenance, repair, operation and removal of municipally owned utilities, including without limitation water, storm sewer and sanitary sewer and connections thereto, in, upon and across the property owned by GRANTOR, situated in the Plymouth Charter Township, Wayne County, Michigan and more particularly described in attached EXHIBIT A.

Parcel ID 78-065-99-0012-703

Commonly known as: Ann Arbor Rd/Haggerty Rd

The GRANTEE, its employees, agents or independent contractors, shall have full right upon said property and ingress and egress thereto for the purpose of constructing, installing, maintaining, repairing, altering or removing the aforementioned facilities. Further, for the purpose of storing or moving machinery, materials or other incidentals in connection with and during the construction or maintenance of said work, GRANTEE, its employees, agents or independent contractors, shall have a right of access and use over and across adjoining lands of GRANTOR. Reasonable caution shall be observed by GRANTEE, its employees, agents and independent contractors, for the protection of trees, shrubs, fences and other improvements belonging to GRANTOR. All surplus earth shall be removed from the property or deposited on the property in a manner satisfactory to GRANTOR. Upon completion of installation, construction, maintenance, repairs, alteration or removal of said facilities, the premises shall be left as nearly as reasonably possible in the same condition as before such work began and all machinery, materials and equipment removed.

The granting of the easement as stated herein shall vest in the GRANTEE authority to use said property for the purposes herein designated. This grant of easement shall run with the land and be binding upon the heirs, successors and assigns of GRANTOR and GRANTEE. It is understood and agreed that any and all improvements or appurtenances of the municipally owned utilities in the easement premises shall become and remain at all times the property of the GRANTEE, its successors and assigns, and subject to the GRANTEE'S fees, rules, regulations and ordinances.

END OF PAGE

IN WITNESS WHEREOF, GRANTOR has executed this instrument on 10.21 2020.

GRANTOR

GORDON GRAHAM, Manager
(print or type name & title)

[Signature]

State of Michigan)
County of Wayne ss.

The foregoing instrument was acknowledged before me this October 21
2020, by Gordon Graham, Manager
(print grantor names and titles, if any)

[Signature]
Notary Public, Wayne County, Michigan

My commission expires:

OPHELIA PERDUE
Notary Public - Michigan
Wayne County

After recording return this instrument to
My Commission Expires Feb 1, 2022
Acting in the County of Wayne

This instrument drafted by:

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

Exempt from the taxation under MCL 207.505(a) and MCL 207.526(a).

This instrument approved as to form and substance by the Attorney for the Plymouth Charter Township, on
_____, 20____.

Kevin Bennett, Township Attorney

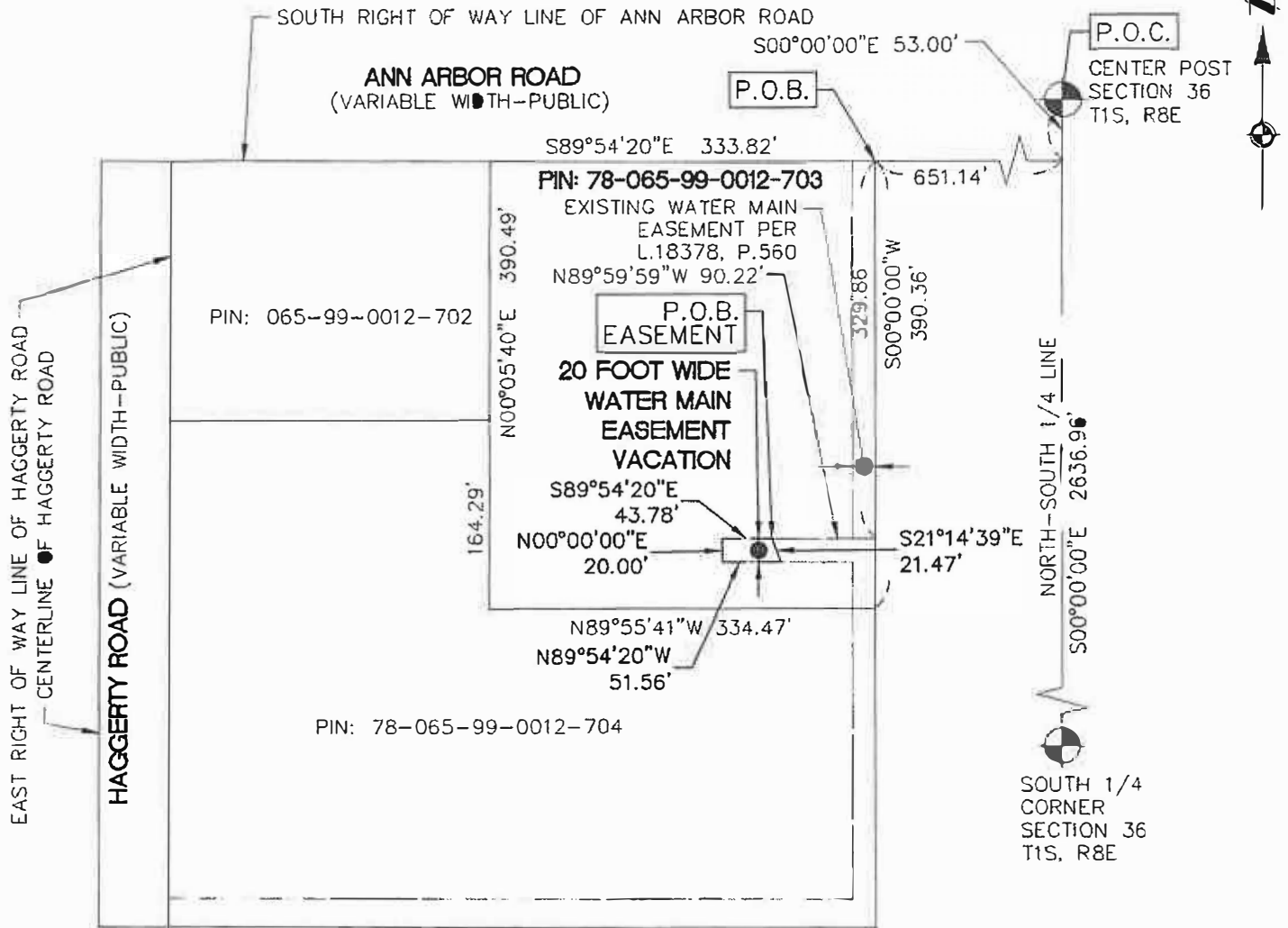
The easement description is approved as to form only by Engineer for the Plymouth Charter Township on
_____, 20____.

Jeremy Schrot, P.E., Township Engineer


This instrument accepted by the Board of Trustees of the Plymouth Charter Township at its meeting of
_____, 20____, and directed to be recorded.

Jerry Vorva, Plymouth Charter Township Clerk

EXHIBIT A



LEGEND

-  SECTION CORNER
- P.O.C. POINT OF COMMENCEMENT
- P.O.B. PLACE OF BEGINNING

TAX PARCEL NO.: 065-99-0012-703

BEARINGS ARE BASED UPON THE NORTH-SOUTH 1/4 LINE OF SECTION 36, BEING S00°00'00"E, PER INFORMATIONAL TITLE REPORT ISSUED BY TITLE SOURCE, INC., ORDER NUMBER 61703065, EFFECTIVE DATE: FEBRUARY 29, 2016.

CLIENT

GRAND/SAKWA PROPERTIES, LLC
 SKETCH & DESCRIPTION OF A
 20 FOOT WIDE WATER MAIN
 EASEMENT VACATION

JOB: 16000877

DR. CLK/JR

BOOK NA

SHEET OF 75 OF 274

10-02

CAD EA-05

CH. ME

PG. NA

DATE: 10-08-2020



EXHIBIT A

DESCRIPTION OF TAX PARCEL 065-99-0012-703 AS SURVEYED BY ATWELL:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH) FOR A PLACE OF BEGINNING; THENCE S00°00'00"W 390.36 FEET; THENCE N89°55'41"W 334.47 FEET; THENCE N00°05'40"E 390.49 FEET; THENCE S89°54'20"E 333.82 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF SAID ANN ARBOR ROAD TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 3.00 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

DESCRIPTION OF A 20 FOOT WIDE WATER MAIN EASEMENT VACATION LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH); THENCE S00°00'00"W 329.86 FEET; THENCE N89°59'59"W 90.22 FEET FOR A PLACE OF BEGINNING; THENCE S21°14'39"E 21.47 FEET; THENCE N89°54'20"W 51.56 FEET; THENCE N00°00'00"E 20.00 FEET; THENCE S89°54'20"E 43.78 FEET TO THE PLACE OF BEGINNING.

TAX PARCEL NO.: 065-99-0012-703

BEARINGS ARE BASED UPON THE NORTH-SOUTH 1/4 LINE OF SECTION 36, BEING S00°00'00"E, PER INFORMATIONAL TITLE REPORT ISSUED BY TITLE SOURCE, INC., ORDER NUMBER 61703065, EFFECTIVE DATE: FEBRUARY 29, 2016.

CLIENT GRAND/SAKWA PROPERTIES, LLC SKETCH & DESCRIPTION OF A 20 FOOT WIDE WATER MAIN	JOB: 16000877	CAD EA-05
	DR. CLK/JR	CH. ME
	BOOK NA	PG. NA
	SHEET 06 of 27	
	DATE: 10-08-2020	





CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM Henry Ford Health System, Water Main Easement, Resolution #2023-08-22-65

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

The Board is required to approve water main easement for all projects within the Charter Township of Plymouth.

Once approved by the Board, the documents are signed by the Township Clerk, the Township Attorney and the Township Engineer before recording them with Wayne County. Once recorded, the original easement remains on file in the Clerk's office.

ACTION REQUESTED:

Approve the easement.

PROPOSED MOTION: I move to adopt **Resolution #2023—08-22-65** authorizing the Township Clerk, Township Attorney and Township Engineer to sign the water main easement for Henry Ford Health System and to authorize the recording of same.

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

**RESOLUTION TO AUTHORIZE THE WATER MAIN EASEMENT
FOR HENRY FORD HEALTH SYSTEM, 78-065-99-0012-703**

RESOLUTION #2023-08-22-65

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, on August 22, 2023, the following resolution was offered:

WHEREAS, Henry Ford Health System, located at 40777 Ann Arbor Road, Plymouth, Michigan installed a water main necessary for the development of their property, and,

WHEREAS, said water main is a public water main and requires access by the Charter Township of Plymouth for routine maintenance and/or repairs to the water main;

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-65** authorizing the easement for the water main located on the property at 78-065-99-0012-703, commonly known as: Henry Ford Health System, 40777 Ann Arbor Road, Plymouth, Michigan and grants approval for the Township Clerk, Township Attorney, and Township Engineer to sign and file the appropriate paperwork with Wayne County.

Moved by: _____ Seconded by: _____

ROLL CALL:

Heise___ Doroshewitz ___ Vorva ___ Buckley___ Curmi___ Monaghan___ Stewart___

EASEMENT EA-01 WATER

Henry Ford Health System, having an address of 40777 Ann Arbor Rd., Plymouth, MI 48170 herein after designated "GRANTOR", in consideration of the sum of One Dollar, receipt of which is hereby acknowledged and determined to be fair and just compensation by GRANTOR, does by these presents covenant and warrant that GRANTOR is the fee simple owner of the property described below and does grant and convey to the Plymouth Charter Township, a Michigan municipal corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter designated "GRANTEE", an easement and right of way for the purpose of installation, inspection, maintenance, repair, operation and removal of municipally owned utilities, including without limitation water, storm sewer and sanitary sewer and connections thereto, in, upon and across the property owned by GRANTOR, situated in the Plymouth Charter Township, Wayne County, Michigan and more particularly described in attached EXHIBIT A.

Parcel ID 78-065-99-0012-703

Commonly known as: Ann Arbor Road/Haggerty Rd

The GRANTEE, its employees, agents or independent contractors, shall have full right upon said property and ingress and egress thereto for the purpose of constructing, installing, maintaining, repairing, altering or removing the aforementioned facilities. Further, for the purpose of storing or moving machinery, materials or other incidentals in connection with and during the construction or maintenance of said work, GRANTEE, its employees, agents or independent contractors, shall have a right of access and use over and across adjoining lands of GRANTOR. Reasonable caution shall be observed by GRANTEE, its employees, agents and independent contractors, for the protection of trees, shrubs, fences and other improvements belonging to GRANTOR. All surplus earth shall be removed from the property or deposited on the property in a manner satisfactory to GRANTOR. Upon completion of installation, construction, maintenance, repairs, alteration or removal of said facilities, the premises shall be left as nearly as reasonably possible in the same condition as before such work began and all machinery, materials and equipment removed.

The granting of the easement as stated herein shall vest in the GRANTEE authority to use said property for the purposes herein designated. This grant of easement shall run with the land and be binding upon the heirs, successors and assigns of GRANTOR and GRANTEE. It is understood and agreed that any and all improvements or appurtenances of the municipally owned utilities in the easement premises shall become and remain at all times the property of the GRANTEE, its successors and assigns, and subject to the GRANTEE'S fees, rules, regulations and ordinances.

END OF PAGE

IN WITNESS WHEREOF, GRANTOR has executed this instrument on 10.21.20

GRANTOR

GORDON GRAHAM, Manager

(print or type name & title)

[Signature]

State of Michigan)
County of Wayne)ss.

The foregoing instrument was acknowledged before me this October 21
2020, by Gordon Graham, Manager
(print grantor names and titles, if any)

[Signature]

Notary Public, Wayne County, Michigan

My commission expires:

OPHELIA PERDUE
Notary Public - Michigan
Wayne County

After recording return this instrument to Notary Public Expires Feb 1, 2022
Acting in the County of Wayne

This instrument drafted by:

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

Jerry Vorva, Clerk
Plymouth Charter Township
9955 North Haggerty Road
Plymouth, Michigan 48170

Exempt from the taxation under MCL 207.505(a) and MCL 207.526(a).

This instrument approved as to form and substance by the Attorney for the Plymouth Charter Township, on
_____, 20____.

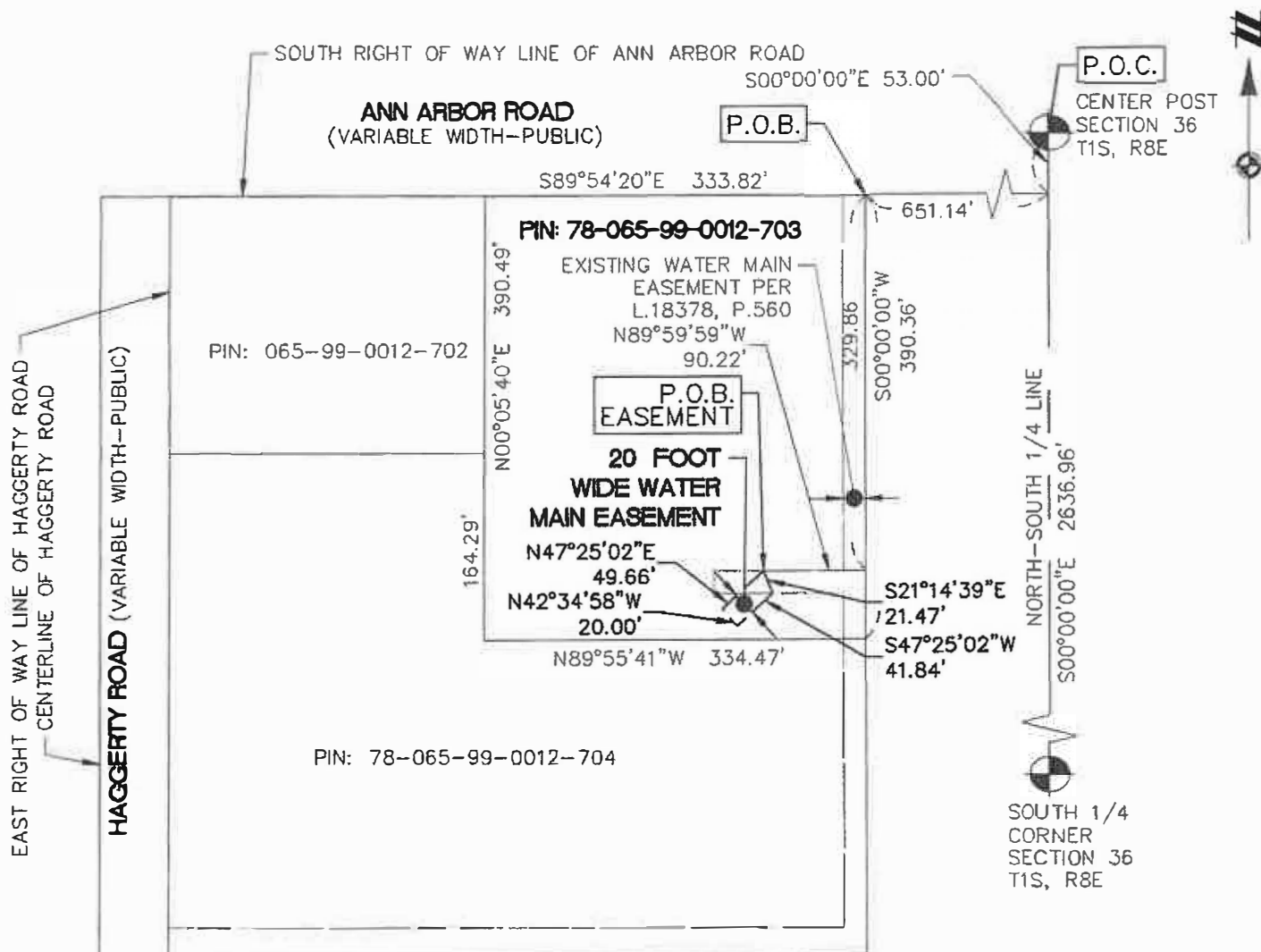
Kevin Bennett, Township Attorney

The easement description is approved as to form only by Engineer for the Plymouth Charter Township on
_____, 20____.

Jeremy Schrot, P.E., Township Engineer

This instrument accepted by the Board of Trustees of the Plymouth Charter Township at its meeting of
_____, 20____, and directed to be recorded.

Jerry Vorva, Plymouth Charter Township Clerk



TAX PARCEL NO.: 065-99-0012-703

BEARINGS ARE BASED UPON THE NORTH-SOUTH 1/4 LINE OF SECTION 36, BEING S00°00'00"E, PER INFORMATIONAL TITLE REPORT ISSUED BY TITLE SOURCE, INC., ORDER NUMBER 61703065, EFFECTIVE DATE: FEBRUARY 29, 2016.

CLIENT	JOB: 16000877	CAD	EA-01
GRAND/SAKWA PROPERTIES, LLC	DR. CLK	CH.	ME
SKETCH AND DESCRIPTION	BOOK NA	PG.	NA
OF A 20 FOOT WIDE	DATE: 01-02		



DESCRIPTION OF TAX PARCEL 065-99-0012-703 AS SURVEYED BY ATWELL:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH) FOR A PLACE OF BEGINNING; THENCE S00°00'00"W 390.36 FEET; THENCE N89°55'41"W 334.47 FEET; THENCE N00°05'40"E 390.49 FEET; THENCE S89°54'20"E 333.82 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF SAID ANN ARBOR ROAD TO THE PLACE OF BEGINNING, BEING A PART OF THE SOUTHWEST 1/4 OF SAID SECTION 36, CONTAINING 3.00 ACRES OF LAND, MORE OR LESS, BEING SUBJECT TO EASEMENTS, CONDITIONS, RESTRICTIONS AND EXCEPTIONS OF RECORD, IF ANY.

DESCRIPTION OF A 20 FOOT WIDE WATER MAIN EASEMENT LOCATED IN THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN:

COMMENCING AT THE CENTER POST OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN; THENCE S00°00'00"E 53.00 FEET ALONG THE NORTH-SOUTH 1/4 LINE OF SAID SECTION 36; THENCE N89°54'20"W 651.14 FEET ALONG THE SOUTH RIGHT OF WAY LINE OF ANN ARBOR ROAD (VARIABLE WIDTH); THENCE S00°00'00"W 329.86 FEET; THENCE N89°59'59"W 90.22 FEET FOR A PLACE OF BEGINNING; THENCE S21°14'39"E 21.47 FEET; THENCE S47°25'02"W 41.84 FEET; THENCE N42°34'58"W 20.00 FEET; THENCE N47°25'02"E 49.66 FEET TO THE PLACE OF BEGINNING.

TAX PARCEL NO.: 065-99-0012-703

BEARINGS ARE BASED UPON THE NORTH-SOUTH 1/4 LINE OF SECTION 36, BEING S00°00'00"E, PER INFORMATIONAL TITLE REPORT ISSUED BY TITLE SOURCE, INC., ORDER NUMBER 61703065, EFFECTIVE DATE: FEBRUARY 29, 2016.

CLIENT GRAND/SAKWA PROPERTIES, LLC SKETCH AND DESCRIPTION OF A 20 FOOT WIDE WATER MAIN EASEMENT	JOB: 16000877	CAD EA-01
	DR. CLK	CH. ME
	BODK NA	PG. NA
	DATE: 09-01-2020	
	02-02	





CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Purchase of 2024 Ford F250 Pickup Truck

PRESENTER: Patrick J. Fellrath, PE, Director of Public Services

BACKGROUND:

DPW requests purchase of one (1) pickup truck to replace 2013 Ford F250 pickup truck.

The proposed vehicle is subject to State of Michigan MiDeal governmental pricing.

A Township Vehicle Purchase Form is attached for reference.

ACTION REQUESTED: Approve

BUDGET/ACCOUNT NUMBER: 2023 Water & Sewer / 592-537-970.000

MODEL RESOLUTION: I move to approve Resolution # 2023-08-22-66, authorizing the purchase of a 2024 Ford F250 pickup truck from Lunghamer Ford in the amount of \$49,665.00 per the attached quote and specifications.

ATTACHMENTS: Vehicle Purchase Form; and Quote

Moved By _____ Seconded By _____

ROLL CALL:

___Heise___ Vorva, ___Buckley, ___Curmi, ___Doroshewitz, ___Stewart, ___Monaghan

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

**RESOLUTION TO AUTHORIZE PURCHASE OF A 2024 FORD F250 PICKUP TRUCK
FOR DEPARTMENT OF PUBLIC WORKS (DPW)**

RESOLUTION # 2023-08-22-66

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the 'board'), held at Township Hall, 9955 N. Haggerty Road, Plymouth, MI on August 22, 2023, the following resolution was offered:

WHEREAS, a new pickup truck was included in the DPW FY2023 Budget;

WHEREAS, DPW requires a pickup truck to replace an old existing pickup truck to carry out its ongoing water and sewer operational and maintenance responsibilities; and

WHEREAS, equipment will be purchased from Lunghamer Ford of Owosso (Lunghamer Ford), and

WHEREAS, pricing from Lunghammer Ford is per State of Michigan (MIDEAL) Contract# 071B7700180.

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-66** authorizing the purchase of a 2024 Ford F250 Pickup for \$49,665.00 from Lunghamer Ford.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

Vehicle Purchase Form

Department: DPW		Capital Item: 2024 Ford F250 Pickup	
Quantity: 1(One)	Useful Life: 7-10 years	Cost: \$49,665.00	
Check One: Equipment <input checked="" type="checkbox"/> Project <input type="checkbox"/>			
<u>Description and Function of new capital item</u>			
See attached quote for vehicle and equipment specifications. Lunghamer Ford quoted a state bid (MIDEAL) price of \$49,665.00. -----			
<u>Explain new or improved service that will result from new item</u>			
The proposed Ford Pickup will replace one old pickup that is currently in the DPW fleet. The new vehicle will likely require less time at the dealership for maintenance than the old one, thus allowing the department to devote more time and resources to operating and maintaining Township water and sewer utilities and less time and resources to vehicle maintenance and repair.			
<u>Why is this new item needed? Why does the Township need to provide this service?</u>			
The new pickup is needed to replace an old pickup (#407). #407 was purchased in 2013 and has 63,500 miles; this vehicle will continue to accrue mileage and become more costly to maintain.			
<u>How will any current services be affected or changed if approved? What will happen if this item is Not approved?</u>			
No services will be changed by making this purchase. If approved, we will be equipping our DPW with a modern and reliable vehicle that features the most current safety technology. Additionally, the new vehicle will function more reliably and benefit from having full warranty coverage. If not approved, we will continue using #407. This vehicle will continue to accrue mileage and become more costly to maintain.			
<u>How do you anticipate providing this service?</u>			
If this expenditure is approved, vehicle will be ordered immediately. Per attached quote, current lead time is 30+ weeks; therefore, delivery is anticipated in late Winter – early Spring 2024.			
<u>What will be the operating budget impact? (personnel, supplies, other charges)</u>			
Proposed vehicle is included in approved 2023 budget, 592-537-970.000. New vehicle will be under full warranty, namely a 3 year/36,000 mile bumper to bumper and 5 year/100,000 mile powertrain warranty.			

08-8-2023



July 14, 2023

Plymouth Township DPW
Attn: Steve Melow
9955 N. Haggerty Road
Plymouth, MI 48170

Dear Steve Melow:

Price on 2024 Vehicle State of Michigan (MIDEAL) Contract# 071B7700180
and Macomb County Contract# 21-18 Bid:

2024 Ford F250 Regular Cab 4x4 Pickup 8' Box in White \$49,665.00 ea

Current lead time to order is estimated at 30 + weeks from receipt of Purchase Order.

Order Cutoff Date: DRAFT TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. A \$9.50 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-FLEET (923-5338)

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

1960 E Main St Owosso, MI 48867, 888-92-FLEET (888.923.5338) Fax 517-625-5832

DRAFT PRICING

2024 F-250 Reg. Cab, SuperCab, Crew Cab

Major Standard Equipment

MECHANICAL

- Brakes – Four-Wheel Disc Anti-lock Brake System (ABS)
- Electronic-Shift-On-the-Fly (ESOF) (4x4 only)
- Engine
 - F-250/F-350 – 6.8L 2V DEVCT NA PFI V8 Gas
- Transmission
 - TorqShift®-G ten-speed automatic w/ Selectable Drive Modes: Normal, Eco, Slippery Roads, Tow/Haul (6.8L Gas)
- Fuel Tanks
 - 29 Gallon (Diesel Engine) – 142" or 148" Wheelbase
 - 34 Gallon (Diesel Engine) – 160" or 164" Wheelbase
 - 34 Gallon (Gas Engine) – NA 176" Wheelbase
 - 48 Gallon (Gas Engine) – 176" Wheelbase
 - 48 Gallon (Diesel Engine) – 176" Wheelbase

EXTERIOR

- Bumpers – front & rear, black painted
- Daytime Running Lamps
- Fender vents – front
- Front Box Step and Rear Bumper Step
- Glass – solar-tinted
- Grille – black painted
- Handles – door & tailgate, black
- Jack
 - 3-Ton mechanical (250/350 SRW)
- Manually telescoping/folding trailer tow with power/heated glass, heated convex spotter mirror, integrated clearance lamps/turn signals
 - Operator Commanded Regeneration (OCR) (6.7L Power Stroke® Diesel engine only)
 - Tailgate – Removable w/key lock
 - "Three-Blink" lane change signal
 - Tires
 - LT245/75R17E BSW A/S
 - Tow hooks – front, two (2)
 - 2.5" Built Ford Tough® Trailer Hitch Receiver
 - Trailer Sway Control
 - Trailer Tow Package – 7-wire harness w/relays & 7/4 pin connector
 - Wheels
 - F-250/F-350 SRW – 17" Argent Painted Steel w/painted hub covers/center ornaments
 - Manual Locking Hubs (4x4)
 - Spare tire, wheel & carrier
 - Windshield wipers – intermittent

INTERIOR/COMFORT

- 4.2" LCD Productivity Screen: includes menus for Gauge Setup, Trip Computer, Fuel Economy and Towing/Off-Road applications
 - Air conditioning – manual, single zone
 - Cabin Air Particulate Filter
 - Door-trim – armrest/grab handle & reflector
 - Floor covering – Black, full length vinyl
 - Instrumentation – Multi-function switch message center
 - Mirror – rearview 11.5" day/night
 - Outside Temperature Display
 - Overhead console w/dual storage bins and map lights
 - Power Equipment Group – 1 st row (front-seat) windows w/one-touch up/down, power 2nd row (rear-seat) windows; power door-locks w/backlit switches & accessory delay; power tailgate lock

- Powerpoint – auxiliary two (2) in instrument panel
- Scuff plates – front, color-coordinated
- Seats – Front, HD vinyl, 40/20/40 split bench w/center armrest, cupholder and storage (manual lumbar – driver's side), front center-seat w/integrated restraint
- Steering wheel – black urethane with tilt and telescoping steering wheel/column; includes three (3) button message control
- Sun visors – color-coordinated vinyl, driver w/pocket, passenger w/uncovered mirror
- Window – Rear, fixed

SAFETY/SECURITY

- AdvanceTrac® with RSC® (Roll Stability Control™)
- Belt-Minder® (front safety belt reminder)
 - chime & flashing warning light on I/P if belts not buckled
- Center High-mounted Stop Lamp (CHMSL)
- Driver and passenger frontal airbag; passenger side deactivation Switch
- Headlamps – Quad beam jewel effect halogen
- Individual Tire Pressure Monitoring System (TPMS)
- Mirrors – Manually telescoping/folding trailer tow with power/heated glass, heated convex spotter mirror, integrated clearance lamps/turn signals
- Rear View Camera
- Remote keyless entry
- Safety belts – w/height adjustment D-ring
- Safety Canopy® System (incl. side-curtain airbags)
- SecuriLock® Passive Anti-Theft System
- SOS Post-Crash Alert System™
- Stationary Elevated Idle Control

FORD CO-PILOT360™ TECHNOLOGY

- AutoLamp (Auto On/Off Headlamps)
 - Cruise Control
 - Hill Start Assist
- #### FUNCTIONAL
- Audio – AM/FM stereo/MP3 Player (four (4))
 - Alternator – 157 AMP
 - Battery
 - Gas engine – 750-CCA, 78-AH, single
 - Diesel engine – 750-CCA, 68-AH, dual AGM (6.7L Power Stroke® Diesel engine)
 - FordPass Connect™ (5G)
 - 5G Wi-Fi hotspot connects up to 10 devices 1
 - Remotely start, lock and unlock vehicle
 - Schedule specific times to remotely start vehicle
 - Locate parked vehicle
 - Check vehicle status
 - Rear axle – Non-Limited-Slip (F-250 and F-350)
 - SYNC® 4
 - 8" LCD Capacitive Touchscreen with Swipe Capability
 - Wireless Phone Connection
 - Cloud
 - AppLink® w/App Catalog
 - 911 Assist®
 - Apple CarPlay® and Android Auto™ Compatibility — Digital Owner's Manual
 - Trailer Brake Controller (incl. Smart Trailer Tow Connector)

10000# GVWR Regular Cab 8 Ft. Box, 142"WB, 10000# GVWR

<input type="checkbox"/> Base Price 4x2 (F2A/600a), (T.4)	\$44,978.00
<input checked="" type="checkbox"/> Base Price 4x4 (F2B/600a), (T.6)	\$47,465.00

10000# GVWR SuperCab 6 3/4 Ft. SHORT Box, 148"WB, 10000# GVWR

<input type="checkbox"/> Base Price 4x2 (X2A/600a)	\$47,065.00
<input type="checkbox"/> Base Price 4x4 (X2B/600a), (T.7)	\$49,597.00

10000# GVWR SuperCab 8 Ft. Box, 164"WB, 10000# GVWR

<input type="checkbox"/> Base Price 4x2 (X2A/600a), (T.5)	\$47,246.00
<input type="checkbox"/> Base Price 4x4 (X2B/600a), (T.8)	\$49,778.00

10000# GVWR Crew Cab 6 3/4 Ft. SHORT Box, 160" WB, 10000# GVWR

<input type="checkbox"/> Base Price 4x2 (W2A/600a)	\$48,184.00
<input type="checkbox"/> Base Price 4x4 (W2B/600a)	\$50,711.00

10000# GVWR Crew Cab 8 Ft. Box, 176" WB, 10000# GVWR

<input type="checkbox"/> Base Price 4x2 (W2A/600a)	\$48,364.00
<input type="checkbox"/> Base Price 4x4 (W2B/600a)	\$50,900.00

<u>Available Standard Options</u>	<u>Option</u>	<u>Price</u> <u>Reg. & Super/Crewcab</u>
<input type="checkbox"/> 6.7L Power Stroke 4V Diesel V8 (B20)/10-Spd Auto.	99T/44G	9995.00
<input type="checkbox"/> CNG/LPG Fuel Capable Engine (Gas Engine Only)	98F	315.00
<input checked="" type="checkbox"/> Engine Block Heater	41H	100.00
<input type="checkbox"/> Rapid-Heat Supplemental Cab Heater	41A	250.00
<input type="checkbox"/> Seats, 40/20/40 Split Bench Vinyl	AS	Standard
<input type="checkbox"/> Seats, 40/20/40 Split Bench Cloth	1S	100.00/315.00
<input type="checkbox"/> Seat, Vinyl High Back Buckets	LS	355.00
<input type="checkbox"/> Seats, Cloth High Back Buckets	4S	515.00/615.00
<input type="checkbox"/> Interior Work Surface (40/20/40 Cloth or Vinyl Seats Only)	52S	140.00
<input type="checkbox"/> Tires, LT245/75Rx17E All-Terrain (5)	TBM	165.00
<input type="checkbox"/> CNG/LPG Prep Fuel Capable Engine	98F	315.00
<input type="checkbox"/> Engine Idle Shutdown (avail. w/6.7L diesel Only)	63T	250.00
<input type="checkbox"/> Powercode Remote Start System	76S	250.00
<input type="checkbox"/> Power Sliding Window (Includes Privacy Glass with Heated Backlight/Rear Window Defrost <u>Super and Crew Cab Only</u>)	435/43B/924	435.00
<input type="checkbox"/> Dual Alternators 410 amp	67B	115.00
<input type="checkbox"/> Alternator 250 amp (6.8L Gas Only)	67E	85.00
<input type="checkbox"/> Dual Batteries (68 Amp.) (Gas Engines Only, Includes Dual Alternators 410 amp)	86M/67B	325.00
<input type="checkbox"/> Pro Power Onboard – 2KW (Includes Dual Batteries 86M)	43K/86M	1195.00
<input type="checkbox"/> 110V/400W Outlet	43C	175.00
<input type="checkbox"/> Keys Extra (Regular) \$75.00 x __ =	Sig	75.00 ea
<input type="checkbox"/> Keys Extra (With Power Group) \$220.00 x __ =	Sig	220.00 ea
<input type="checkbox"/> Transmission Power Take-Off Provision <u>(6.7L Diesel Only)</u>	62R	280.00
<input type="checkbox"/> Cab Steps Molded Black	18B	320.00/445.00
<input type="checkbox"/> Roof Clearance Lights	592	80.00
<input type="checkbox"/> Tailgate Step, Incl. Tailgate Assist, Step & Handle	85G	375.00
<input checked="" type="checkbox"/> Upfitter Switches (6) located in overhead console)	66S	165.00

[] Ford Pro Upfit Integration System	18A	400.00
[] Payload Upgrade Package	68U	100.00
[x] Snow Plow Prep Package(N/A with 67H)	473	250.00
[] Camper Package	471	160.00
[] Snow Plow/Camper Package	47B	305.00
[] Suspension Package, Heavy Service(N/A with 473)	67H	125.00
[] XL Chrome Pkg. (Chrome front and rear step bumper, Bright Chrome Hub Covers and Center Ornaments & BoxLink with Brackets and 4 Premium Locking Cleats)	96V	225.00
[] XL Drivers Assist Pkg. (Automatic High Beam, Pre-Collision Assist with Automatic Emergency Braking (AEB) and Forward Collision Warning)	96D	730.00
[x] 4x4 Off-Road Pkg (Includes. Skid Plates, E-Locking Axle, 17X/X3E/TBM and Tires, (5) LT245/75Rx17E All-Terrain)		1090.00
[] Tow Technology Pkg. (360-Degree Camera Package, Driver Assist Package, Lane Departure Warning (XL only), Pro Trailer Backup Assist™, Pro Trailer Hitch Assist™, and Trailer Reverse Guidance)	52T/874/96D	2785.00
[] 360-Degree Camera Package (Driver Assist Package, 360-Degree Camera System (Incl. Picture in Picture capability), Center High-Mounted Stop Lamp (CHMSL) Camera, Wired Aux Trailer Camera Compatibility, BLIS with Cross-Traffic Alert / BLIS with Trailer Coverage, LED Center High-Mounted Stop Lamp (CHMSL), Rear Parking Sensors, and Reverse Sensing System w/ Reverse Brake Assist)	874/96D	1880.00
[] Axle, Electronic Locking	X3_	430.00
[] Drop in Plastic Bedliner	85L	350.00
[x] Tough Bed(Spray-in-bedliner)	85S	595.00
[] Bed Mat(N/A w/85S Tough Bed Spray-in-Bedliner)	85M	180.00
[] Splash Guards/Mud Flaps	61S/62S	130.00
[] Wheel Well Liner (Front)	61L	180.00
[] Wheel Well Liner Front and Rear	61N	325.00
[] Exterior Backup Alarm	76C	140.00
[] LED Box Light (Not Available with LED Warning Strobes 91S)	66L	60.00
[] 360-Degree Dual Beacon LED Warning Strobes-Amber	91S	650.00

Total Price \$49,665.00 ea

Colors for F-250

<u>Exterior Colors</u>	<u>Interior Steel (Grey)</u>	
Race Red	[PQ]	[]
Antimatter Blue Metallic	[HX]	[]
Iconic Silver Metallic	[JS]	[]
Agate Black	[UM]	[]
Oxford White	[Z1]	[x]
Carbonized Gray Metallic	[M7]	[]
Stone Gray	[D1]	[]
SPECIAL PAINT		
School Bus Yellow Add \$660.00	[BY]	[]
Omaha Orange Add \$660.00	[MB]	[]
Green Gem Add \$660.00	[W6]	[]

D.2.j



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Purchase of 2024 Ford Transit Van

PRESENTER: Patrick J. Fellrath, PE, Director of Public Services

BACKGROUND:

DPW requests purchase of one (1) 2024 Ford Transit Van to replace 2015 Ford Transit Van.

The proposed vehicle is subject to State of Michigan MiDeal governmental pricing.

A Township Vehicle Purchase Form is attached for reference.

ACTION REQUESTED: Approve

BUDGET/ACCOUNT NUMBER: 2023 Water & Sewer / 592-537-970.000

MODEL RESOLUTION: I move to approve Resolution # 2023-08-22-67, authorizing the purchase of a 2024 Ford Transit Van from Lunghamer Ford in the amount of \$47,309.00 per the attached quote and specifications.

ATTACHMENTS: Vehicle Purchase Form; and Quote

Moved By _____ Seconded By _____

ROLL CALL:

___Heise___ Vorva, ___Buckley, ___Curmi, ___Doroshewitz, ___Stewart, ___Monaghan

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

**RESOLUTION TO AUTHORIZE PURCHASE OF A 2024 FORD TRANSIT VAN
FOR DEPARTMENT OF PUBLIC WORKS (DPW)**

RESOLUTION # 2023-08-22-67

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the 'board'), held at Township Hall, 9955 N. Haggerty Road, Plymouth, MI on August 22, 2023, the following resolution was offered:

WHEREAS, a new transit van was included in the DPW FY2023 Budget;

WHEREAS, DPW requires a transit van to replace an old existing transit van to carry out its ongoing water and sewer operational and maintenance responsibilities; and

WHEREAS, equipment will be purchased from Lunghamer Ford of Owosso (Lunghamer Ford), and

WHEREAS, pricing from Lunghammer Ford is per State of Michigan (MIDEAL) Contract# 071B7700180.

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-67** authorizing the purchase of a 2024 Ford Transit Van for \$47,309.00 from Lunghamer Ford.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

Vehicle Purchase Form

Department: DPW		Capital Item: 2024 Ford Transit Van	
Quantity: 1(One)	Useful Life: 7-10 years	Cost: \$47,309.00	
Check One: Equipment <input checked="" type="checkbox"/> Project <input type="checkbox"/>			
<u>Description and Function of new capital item</u>			
See attached quote for vehicle and equipment specifications. Lunghamer Ford quoted a state bid (MIDEAL) price of \$47,309.00.			
<u>Explain new or improved service that will result from new item</u>			
Transit van will replace the old transit van that is currently in the DPW fleet. The new van will likely require less time at the dealership for maintenance than the current one, thus allowing the department to devote more time and resources to operating and maintaining Township water and sewer utilities and less time and resources to vehicle maintenance.			
<u>Why is this new item needed? Why does the Township need to provide this service?</u>			
Transit van currently in our fleet (#401) was purchased in 2015 and has more than 113,000 miles. #401 is the only enclosed vehicle on our fleet; field equipment and tools are kept on board to enable staff to quickly respond to duties, both routine and urgent. Purchase of a new transit van is needed to ensure current jobs are continued to be performed in an efficient and safe manner.			
<u>How will any current services be affected or changed if approved? What will happen if this item is Not approved?</u>			
No services will be changed by making this purchase. If approved, we will be equipping our DPW with a modern and reliable vehicle that features the most current safety technology. Additionally, the new vehicle will function more reliably and benefit from having full warranty coverage.			
If not approved, we will continue using #401. This vehicle will continue to accrue mileage and become more costly to maintain.			
<u>How do you anticipate providing this service?</u>			
If this expenditure is approved, vehicle will be ordered immediately. Per attached quote, current lead time is 30+ weeks; therefore, delivery is anticipated in late Winter – early Spring 2024.			
<u>What will be the operating budget impact? (personnel, supplies, other charges)</u>			
Proposed vehicle is included in approved 2023 budget, 592-537-970.000. New vehicle will be under full warranty, namely a 3 year/36,000 mile bumper to bumper and 5 year/100,000 mile powertrain warranty.			

08-8-2023



July 14, 2023

Plymouth Township DPW
Attn: Steve Melow
9955 N. Haggerty Road
Plymouth, MI 48170

Dear Steve Melow:

Price on 2024 Vehicle State of Michigan (MIDEAL) Contract# 071B7700180
and Macomb County Contract# 21-18 Bid:

2024 Ford Transit 250 Medium Roof 130" WB Cargo Van in White \$47,309.00 ea

Current lead time to order is estimated at 30 + weeks from receipt of Purchase Order.

Order Cutoff Date: DRAFT TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. A \$9.50 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-FLEET (923-5338)

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

1960 E Main St Owosso, MI 48867, 888-92-FLEET (888.923.5338) Fax 517-625-5832

DRAFT

2024 Transit 250 Cargo Van 9,070# GVWR Major Standard Equipment

POWERTRAIN

- Engine 3.5L PFDi V6 Includes port injection and E-85 Flex-Fuel Capable capability.
- Transmission 10-Speed Automatic Overdrive with SelectShift

FUNCTIONAL

- Alternator – 250 amp (3.5L PFDi V6 and 3.5L EcoBoost® V6 engines only)
- Horn – Single-note
- Air Conditioning Front only
- Antenna – Fender Mounted
- AM/FM stereo with 4.0" multi-function display, Bluetooth, and Dual USB ports
- Single AGM Battery – 70 amp-hr
- Brakes – 4-wheel Anti-lock Disc Brakes
- Parking Brake
- FordPass™ Connect / Telematics Essentials
- Instrumentation Tachometer, Fuel Level and Coolant Temperature
- PowerPoint – 12V One is located in the instrument panel and one in center console.
- Electric Power Assisted Steering (EPAS)
- Steering Wheel – Power Rack and Pinion
- Steering Wheel – Tilt and Telescoping
- Front – Independent MacPherson-strut, Stabilizer Bar
- Rear – Leaf Springs, Heavy-duty Gas Shock Absorbers

EXTERIOR

- Body Side Moldings – Carbon Black
- Front License Plate Bracket
- Front Bumper – Carbon Black, Body Colored with Lower Valance
- Rear Bumper – Carbon Black, without Integral Step
- 50/50 Hinged Rear Door, 180-degree Opening (Regular Length)
- Sliding Passenger-side Door
- Halogen Headlamps with Autolamp
- Headlamp Courtesy Delay
- Center High Mount Stop Lamp (CHMSL)
- Taillamps
- Auxiliary Fuel Port
- Fuel Tank – Capless Fuel Fill, 25 U.S. gallons (midship)
- Honeycomb Mesh Grille with Carbon Black Surround
- Mirrors, Short-Arm, Power Adjusting, Manual-Folding
- Tires – 235/65R16C 121/119 R BSW allseason
- Rear Recovery Tow Hook
- Wheels – 16" Silver Steel Wheel with Black Hubcap (Standard Front Axle configurations only)
- 16" Silver Steel Wheel with Exposed Lug Nuts (Heavy-Duty Front Axle configurations only)
- Full-size Spare Tire and Wheel
- No Cargo Area Windows
- High-Strength Laminated Glass (Sliding Doors)
- Tinted Glass

INTERIOR

- Step Well Pads – Black
- Medium Center Console with integrated shifter and a dual cup holder
- Glove Box – Locking
- Rear Cargo Door – Interior Exit Handle
- Rear Cargo Door – Exterior Lock Cylinder

- Power Equipment Group (Power Locks and Windows) with Remote Keyless-Entry
- Floor Covering Vinyl, Front only
- Rearview Mirror Delete (When Equipped Without Rear Glass)
- Front Dome Lamp with Map Lights and Theater Dimming
- Partial Rear Compartment Lighting (2 LED lights located in C-pillar)
- Accessory Delay – 30 minutes
- Front Overhead Shelf Delete
- A-Pillar Assist Handles (Driver and Passenger-side)
- B-Pillar Assist Handle (Passenger-side)
- D-Pillar Weld Nuts
- Headliner – Cloth, Front only
- Seating – Driver and Front-passenger Manual Reclining Bucket Seats with Adjustable Headrest (Includes driver-side and passenger-side inboard armrest)
- Sunvisors

SAFETY/SECURITY

- Autolocking Drive Away with Crash Unlocking.
 - AdvanceTrac® w/Roll Stability Control™ (RSC®)
 - Safety Belts – 3-point, All Positions
- Note: Belt minder is included on the driver and front passenger seat(s).
- SecuriLock® Passive Anti-Theft System (PATS) with engine immobilizer
 - SOS Post-Crash Alert System
 - Tire Pressure Monitoring System (TPMS). Standard on SRW and DRW configurations.
 - Driver and Passenger Airbags
 - Passenger-side Airbag Cut-off Switch. Not available with Passenger Seat Delete (21J, 21K and 211) or Right Hand Door Delete (60X) configurations
 - Safety Canopy® Side-curtain Airbags

CO-PILOT350 TECHNOLOGY

- Forward Collision Warning
 - Hill Start Assist
 - Post-Collision Braking
- Note: Can potentially lessen the severity of a secondary collision by automatically applying moderate brake pressure when an initial collision event is detected.
- Side Wind Stabilization
 - Pre-Collision with Automatically Emergency Braking
- Note: If a potential collision is detected, a warning flashes and an alert sound, and if the driver's response is not sufficient, the system can automatically apply the brakes to help minimize a frontal collision.
- Lane-Keeping System
- Note: Includes Lane-Keeping Alert and Driver Alert. This feature can alert the driver, during day or night, if their vehicle is unintentionally leaving its intended lane.
- Auto High-Beam Headlamps
 - Rear View Camera with Trailer Hitch Assist.
- Note: Camera will be high-mount for Medium Roof and High Roof.
- Automatic Rain-Sensing Windshield Wipers

Option Included in Base Price: Front and Rear Vinyl Floor Covering (16E) and Rear Step Bumper (431)

Base Prices Low Roof (83.6")

[] Transit 250 (R1Y/101A/43E) 130" Regular Wheelbase	\$44,840.00
[] Transit 250 (R2Y/101A/43E) 130" Regular Wheelbase All -Wheel Drive	\$48,626.00
[] Transit 250 (R1Y/101A/43E) 148" Long Wheelbase (V.2)	\$45,985.00
[] Transit 250 (R2Y/101A/43E) 148" Long Wheelbase All -Wheel Drive	\$49,777.00

Base Prices Medium Roof (100.8")

[x] Transit 250 (R1C/101A/43E) 130" Regular Wheelbase	\$45,359.00
[] Transit 250 (R2C/101A/43E) 130" Regular Wheelbase All -Wheel Drive	\$49,144.00
[] Transit 250 (R1C/101A/43E) 148" Long Wheelbase (V.2)	\$46,509.00
[] Transit 250 (R2C/101A/43E) 148" Long Wheelbase All -Wheel Drive	\$50,295.00

Base Prices High Roof (110.1")/EL (109.4")

[] Transit 250 (R1X/101A) 148" Long Wheelbase	\$48,223.00
[] Transit 250 (R2X/101A) 148" Long Wheelbase All -Wheel Drive	\$52,005.00
[] Transit 250 EL (R3X/101A) 148" Extended Length	\$48,489.00
[] Transit 250 EL (R3U/101A) 148" Extended Length All -Wheel Drive	\$53,111.00

Available Options

	Code	Price
[] 3.5L EcoBoost V-6 Engine	99G/44U	1775.00
[] Vehicle Maintenance Monitor	61C	45.00
[] Heater, Engine Block	41H	75.00
[x] Axle, Limited Slip	X_L	325.00
[x] Dual Batteries 70 amp-hr (ea)	63E	295.00
[] Dual Batteries 70 amp-hr (ea) and Dual Alternators 250 Amps (ea)	63E/63C	1320.00
(Available only with 3.5L Eco Boost Engine)		
[] Seats Cloth, 2-way manual driver and Passenger Seats	21L/21M	115.00
[] Seats Cloth 10-way power Heated Driver and Passenger Seats	21Q/21R	990.00
[] Heavy Duty Front Axle (Standard on All-Wheel Drive)	41E	315.00
[] Front Fog Lamps	55D	105.00
[] Perimeter Anti-Theft Alarm	59D	155.00
[] Daytime Running Lights	942	45.00
[] License Plate Bracket Front	153	N/C
[] Short Arm Manual Folding Power Heated with Turn Signals	545	160.00
[] Long Arm Non Telescoping Mirrors-Power	543	65.00
[] Long Arm Non Telescoping Mirrors-Power Heated with Turn Signals	544	220.00
[] Trailer Tow Package-Heavy Duty	53B	485.00
[] Integrated Trailer Brake Controller (Inc. Trailer Tow Pkg. & Cruise)	67D/53B/60C	1215.00
[] Back Up Alarm	43B	150.00
[] Keyless-Entry Pad	52C	95.00
[] Remote Start.	68B	495.00
[] 50/50 Hinged Rear Door 253-degree Opening (148" Wheelbase)	18P	75.00
[] 60/40 Hinged Passenger Side Door (Low Roof Only)	59A	N/C
[] Glass, Fixed Rear-Door	17A	250.00
[x] Glass, Fixed Passenger Side/Fixed Rear-Door	17B	425.00
[] Windows-All-Around, fixed	17F	625.00
[] Air Conditioning Front/Rear (Driver controlled).	57G	860.00
(Not Available with Rear Vinyl. Packages 96D & 96C)		

[x] AM/FM Stereo, Bluetooth, Dual USB Ports, SYNC3, and a 4.0 inch Multi-Function display	58V	280.00
[] SYNC 4 with 12-inch Display	58B/61E	930.00
[] SYNC 4 with Sirius XM with 360L, HD Radio, & 12-inch Display	58C/61E	1165.00
[] SYNC 4 with Sirius XM with 360L, HD Radio, Navigation Cruise Control & 12-inch Display	58E/61E/60C	1780.00
[] SYNC 4 with Sirius XM with 360L, HD Radio, Navigation Intelligent Adaptive Cruise Control & 12-inch Display	58F/61E	2050.00
[] Cruise Control	60C	325.00
[] Dual-Note Horn	85D	20.00
[x] Full Rear Compartment Lighting	15F	75.00
[] Cargo Tie-Down Hooks (6 Tie-Down Hooks)	17P	25.00
[] Heavy Duty Cargo Flooring and Heavy Duty Scuff Plate Kit (Not Available w/Rear Air Conditioning)	60B	875.00
[] Upfitter Package (High Capacity Upfitter Switches, Large Center Console, Auxiliary Fuse Panel with High Spec Interface Connector, Dual AGM Batteries (63E), and Modified Vehicle Wiring System (53K))	67C	610.00
[] Load Area Protection Package (Full Height Polypropylene Cargo area panels)	96D	395.00
[] Exterior Upgrade Package (Chrome-trimmed, HID Headlamps, Wiper Activated Headlamps, Honeycomb Mesh Grill with Chrome Surround, and 16" Steel Wheel)	18D	535.00
[] Interior Upgrade Package (Cruise control, Vinyl Front and Rear Flooring, Vinyl Sunvisor Illuminated Vanity Mirror, Cloth driver and passenger Seats (21L/21M), and Full Height Polypropylene Cargo area panels.)	96C	1435.00
[x] Vinyl Sun Visors with Illuminated Vanity Mirror	85C	75.00
[] (2) Additional Keys w/FOBS	86F	75.00
[x] Power Outlet 110V/400W	90D	475.00
[] Power Point – 12V rear	87A	15.00
[] Reverse Sensing System	43R	295.00
[] Blind Spot Assist 1.0	65A/58B	1725.00
[] Bulkhead with Window (Low and Medium Roof Only)	47U	900.00
[] Bulkhead with Lockable Door (Medium and High Roof Only)	47T	1350.00

Total Price \$47,309.00 ea

Colors for Transit 250 Cargo Van

<u>Solid</u> <u>Exterior Colors</u>	<u>Interior Colors</u>	
	<u>Pewter (VK/CK)</u>	<u>Charcoal (CB) (Cloth Only)</u>
School Bus Yellow	[BY] []	[]
Race Red	[PQ] []	[]
Oxford White	[YZ] [x]	[]
<u>Extra Cost Paint (add \$200.00)</u>		
Agate Black Metallic	[UM] []	[]
Ingot Silver	[UX] []	[]
Carbonized Gray Metallic	[M7] []	[]
Blue Metallic	[FT] []	[]
Avalanche Gray Metallic	[DR] []	[]
Abyss Gray Metallic	[ME] []	[]
Blue Mist	[MT] []	[]

CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

July
2023

New Commerical Building for 2023

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Undercover Storage	40855 Schoolcraft	New Building	210,000	Issued	June
Halyard Ridge Business Park	15000 Ridge Rd.	New Building (Shell/Foundation)	12,500,000	Issued	June
Home for Mom & Dad	39625 Plymouth Rd.	New Building	1,800,000	Issued	July

Total Construction Value

14,510,000

New Commercial Additions/Alterations for 2023

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Jubilant Radiopharma	44099 Plymouth Oaks Blvd 110	Tenant Finish	\$405,000	Issued	Jan
Consolidated Properties Ent.	46029 & 46043 Five Mile Rd.	Splitting into (2) White Boxes	18,000	Issued	Feb
Burroughs	41100 Plymouth Rd B1 130	Tenant Finish	22,000	Issued	Feb
Heritage Park Apartments	12811 Heritage	Wall Braces	14,234	Issued	Mar
Magna	46600 Port St.	Steel Mezzanine	16,977	Issued	Mar
Delta Electronics	47659 Halyard Dr.	Interior Demo	20,000	Issued	Mar
IICC	40600 Plymouth Rd.	Interior Demo	61,000	Issued	Mar
Waste Management	41100 Plymouth Rd. B1 170	Tenant Finish	1,180,000	Issued	Mar
Cygnat	9075 General Dr.	Fire Damage Repair	1,200,000	Issued	Mar
HotworxStudios	15083 Sheldon	Tenant Finish	50,000	Issued	Apr
Webasto	14200 Haggerty	(4) New Roof Top HVAC units	237,000	Issued	Apr
Mobis	46501 Commerce Center Dr.	Interior Renovation (Lab Space)	348,700	Issued	Apr
Bob's Big Boy	40835 Ann Arbor Rd.	Tenant Finish	95,000	Issued	Apr
Versatrans	14777 Keel St.	New Generator Pad	2,200	Issued	Apr
Solid Ground Counseling	41100 Plymouth Rd. B1 110	Remove Dropped Ceiling	75,000	Issued	Apr
Webasto	14200 Haggerty Rd.	Enclosing Office Spaces	205,000	Issued	Apr
Plymouth House Apartments	42560 Postiff	Building Repairs #6 & #7	300,000	Issued	May
40600 Plymouth Road LLC.	40600 Plymouth Rd.	Enlarge Existing Overhead Doors	40,000	Issued	May
Catholic Village Credit Union	8817 Sheldon Rd.	Interior Remodel	202,000	Issued	May
Advics North America	45300 Polaris Ct.	Interior Remodel	86,340	Issued	May
Plymouth Technology Park	46029 5 Mile Rd. (Main)	Repave West Parking Lot	144,200	Issued	May
St. Johns Inn Monarch Ballroom	44045 Five Mile Rd.	Ballroom Addition & Reno. "Y" Buildir	9,056,226	Issued	May
Webasto	14200 Haggerty Rd.	Equipment Mezzanine & Tower	4,000	Issued	June
Amazon	9075 Haggerty	Conveyor System	5,817,583	Issued	June
Mother's Pizza	44675 5 Mile Rd.	Interior renovation (expansion)	87,000	Issued	June

Company Name	Property Address	Type of Work	Construction Value	Status	Month
White Box (Manno)	1025 Ann Arbor Rd.	Tenant Finish	28,000	Issued	June
St. Johns Inn Monastery	44045 Five Mile Rd.	Grotto Kitchen & Wine Bar	225,000	Issued	June
Kroger	44525 Ann Arbor Rd.	Interior Remodel	950,000	Issued	June
St. Johns Inn Monastery	44045 Five Mile Rd.	Addition to Boiler Room	500,000	Issued	June
Los Tres Amigos	39500 Ann Arbor Rd.	Water Damage Repair	381,312	Issued	July
Bosch Corp.	15000 Haggerty	Interior Renovations	198,788	Issued	July
Plymouth Township	9955 Haggerty Rd.	Concrete Entrance Way	N/A	Issued	July
Delta Electronics	47659 Halyard Dr.	Interior Remodel	402,500	Issued	July
Mobis	46501 Commerce Center Dr.	Interior Remodel/Showroom	101,450	Issued	July
Tenneco	47001 Port St.	Underground Storage Tanks	25,000	Issued	July
Blackwell Ford	41001 Plymouth Rd.	Roof Drain System	10,000	Issued	July
Total Construction Value			2,937,211		
Grand Total Construction Value			<u>17,447,211</u>		

Building Department 2023

<u>Classification</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>2023 Totals</u>
Total Building Permits	65	50	97	125	117	116	92						662
<u>Trade Permits</u>													
Electrical	43	25	38	36	41	50	44						277
Mechanical	64	47	45	54	67	71	80						428
Plumbing	24	13	18	28	24	39	29						175
Sewer & Water	8	4	7	10	9	11	9						58
Total Trade Permits	204	139	205	253	258	287	254	0	0	0	0	0	1600
<u>Miscellaneous</u>													
Special Inspections	1	0	0	0	0	0	0						1
Temp Certificate of Occupancy	1	2	4	0	5	0	1						13
Re-Occupancy	3	1	2	1	2	1	0						10
Plan Review	13	10	23	6	17	10	14						93
ZBA	1	0	2	3	1	1	0						8
Re-inspection fees	2	4	4	7	0	8	5						30
Vacant Land Resigtration	0	0	0	0	0	0	0						0
Total Miscellaneous	21	17	35	17	25	20	20	0	0	0	0	0	155
<u>Application Fee's</u>													
Building	54	44	85	130	104	104	85						606
Electrical	48	33	47	53	46	57	48						332
Mechanical	66	45	48	72	71	75	91						466
Plumbing	31	13	18	34	28	38	34						196
Total Misc/License/Application	220	152	231	306	274	294	278	0	0	0	0	0	1755
Grand Total	424	291	436	559	532	581	532	0	0	0	0	0	3355
<u>Staffing Levels</u>													
Chief Building Official	1	1	1	1	1	1	1						
Full Time Building Inspector	1	1	1	1	1	1	1						
Full Time Building Coordinator	1	1	1	2	2	2	2						
Full Time Building Administrator	1	1	1	1	1	1	1						
Part-time Time Ordinance Officer	1	1	1	1	1	1	1						

Residential Housing 2023

Single Family Detached

	Total # Buildings	Total # Dwelling	Total Value Construction	Total Square Feet
January	1	0	279,732	2,102
February	2	0	538,014	3,713
March	2	0	569,410	4,990
April	2	0	635,153	4,782
May	3	0	822,398	6,117
June	5	0	2,050,051	17,366
July	3	0	1,158,525	6,200
August				
September				
October				
November				
December				
Totals	18	0	\$ 6,053,283	45,270

Single Family Attached (Townhouses/ Row Houses)

	Total # Buildings	Total # Dwelling	Total Value Construction	Total Square Feet
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	0			
November	0			
December	0			
Totals	0	0	\$ -	-

Two-Family Buildings (Duplex)

	Total # Buildings	Total # Dwelling	Total Value Construction	Total Square Feet
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	0			
November	0			
December	0			
Totals	0	0	\$ -	-

Three-or-more Family Building (Apartments/Stacked Condos)

	Total # Buildings	Total # Dwelling	Total Value Construction	Total Square Feet
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	0			
November	0			
December	0			
Totals	0	0	\$ -	-

	Total # Buildings	Total # Dwelling	Value Construction	Square Feet
Totals all categories	18	0	\$ 6,053,283	45,270



Revenue Breakdown Report

Page: 1 of 43

08/04/2023

Filter: All Records, Transaction.DateToPostOn in <Previous month> [07/01/23 - 07/31/23] AND
Transaction.TransactionNumber Not = 67,079 AND
Transaction.TransactionNumber Not = 67,078

Unit Totals		
Unit Name	Records	Revenue
	251	250,530.75
TOTAL	251	250,530.75

Record Type Totals		
Unit:	Records	Revenue
Permit	251	250,530.75
UNIT TOTAL:	251	250,530.75

Record Type Breakdowns		
Unit:	Records	Revenue
Record Type: Permit		
Bldg Roof/Siding/Window	26	4,770.00
Building	66	64,115.00
Electrical	32	9,548.00
Electrical - Generator	3	220.00
Fire Alarm	6	5,235.75
Fire Suppression	3	2,336.75
Mechanical	74	10,817.75
Mechanical - Generator	3	310.00
Plumbing	29	5,272.00
Sewer & Water	9	147,905.50
TOTAL:	251	250,530.75

Record Categories By Type		
Unit:		
Permit	Type: Bldg Roof/Siding/Window	
Roofing	17	3,150.00
Siding	1	180.00
Window Replacement	8	1,440.00
TOTAL:	26	4,770.00

Permit	Type: Building	
Construction Trailer	2	430.00
Covered patio/deck roof	1	490.00
Deck	3	1,335.00
Demolition - other	2	1,055.00
Entry Door	2	360.00
Fence	11	2,030.00
Garage	2	655.00
Grading	1	455.00
Ind/Comm-alt/add	4	11,275.00
Ind/Comm-new	2	22,515.00
Mobile Home	2	560.00
Pool	1	1,195.00
Residential-alt/add	7	3,195.00
Residential-new	5	15,505.00
Roof	7	1,290.00
Siding	1	180.00
Sign - Flagpole	9	990.00
Windows	4	600.00

Certificate of Occupancy List

08/04/2023

1/1

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF23-0035 <u>Permit Number</u> PB22-0228	ISSUED (FINAL) <u>Applicant Name</u> Robertson Margate LLC	CIOLEK, ERIC - KRUIJA, KA	45880 Spruce <u>Contractor</u> Robertson Margate LLC	<u>CO Date Apply:</u> 07/03/2023 <u>Permit Date Apply:</u> 03/28/2022	<u>CO Date Finaled:</u> 07/03/2023 <u>Permit Date Issued:</u> 3/31/2022
OF23-0036 <u>Permit Number</u> PB23-0084	ISSUED (FINAL) <u>Applicant Name</u> Facility One Inc	Sheldon Place Shopping Center	15083 SHELDON RD <u>Contractor</u> Facility One Inc	<u>CO Date Apply:</u> 07/07/2023 <u>Permit Date Apply:</u> 02/17/2023	<u>CO Date Finaled:</u> 07/07/2023 <u>Permit Date Issued:</u> 4/06/2023
OF23-0038 <u>Permit Number</u> PB22-0460	ISSUED (FINAL) <u>Applicant Name</u> Robertson Margate LLC	Margate	9235 Tulip <u>Contractor</u> Robertson Margate LLC	<u>CO Date Apply:</u> 07/13/2023 <u>Permit Date Apply:</u> 05/27/2022	<u>CO Date Finaled:</u> 07/13/2023 <u>Permit Date Issued:</u> 6/10/2022
OF23-0039 <u>Permit Number</u> PB22-0917	ISSUED (FINAL) <u>Applicant Name</u> Robertson Margate LLC	Margate	45926 Spruce <u>Contractor</u> Robertson Margate LLC	<u>CO Date Apply:</u> 07/17/2023 <u>Permit Date Apply:</u> 10/10/2022	<u>CO Date Finaled:</u> 07/17/2023 <u>Permit Date Issued:</u> 0/18/2022
OF23-0040 <u>Permit Number</u> PB22-0916	ISSUED (FINAL) <u>Applicant Name</u> Robertson Margate LLC	Margate	45914 Spruce <u>Contractor</u> Robertson Margate LLC	<u>CO Date Apply:</u> 07/17/2023 <u>Permit Date Apply:</u> 10/10/2022	<u>CO Date Finaled:</u> 07/17/2023 <u>Permit Date Issued:</u> 0/18/2022
OF23-0041 <u>Permit Number</u> PB22-0459	ISSUED (FINAL) <u>Applicant Name</u> Robertson Margate LLC	Margate	45905 Spruce <u>Contractor</u> Robertson Margate LLC	<u>CO Date Apply:</u> 07/27/2023 <u>Permit Date Apply:</u> 05/27/2022	<u>CO Date Finaled:</u> 07/27/2023 <u>Permit Date Issued:</u> 6/10/2022

All Records

Co.DateFinaled in <Previous month> [07/01/23 - 07/31/23]

Number of CofO's: 6



Plymouth Township Fire Department

Monthly Report

July 2023

Response Information:

The Plymouth Township Fire Department responded to **335** emergencies this month.

There was an average of **10.80** runs per day this month.

PTFD's average response time was **5 min 44 sec** to the scene. This includes all responses including non-emergency.

Mutual Aid:

Plymouth Township Fire Department is a member of the Western Wayne County Mutual Aid Association.

	Mutual Aid Received	Mutual Aid Given
Canton Township FD	0	11
Huron Valley Ambulance	1	0
Northville City FD	2	2
Northville Township FD	1	3
Salem Township FD	0	1

Fire Loss:

There were **7** fires this month that accounted for **177,000.00** worth of damage to possessions and property. We prevented the destruction of **1,300,000.000** in property.

EMS Information:

HVA transported **93** patients to the hospital.

Plymouth Township Fire transported **52** patients to the hospital.

Plymouth transport billed out **36,403.44** this month, received **22,686.80** and have **26,379.26** in outstanding bills over 180 days.

Fire Prevention:

Plymouth Township Fire Department provided **53** comprehensive fire inspections to businesses within Plymouth Township. This month, the department conducted **2** Special Events, **3** CPR classes and **1** Fire Extinguisher training with a total of **255** participants.

In January run a 12 month/yearend report of previous year

Reports Included:

CLEMIS Reports

Incidents Section

- Incident Summary by Incident type
 - Incident Type
 - Type Count
 - Property Loss
 - Property Value
- Mutual Aid by Department
 - Mutual Aid Received
 - Mutual Aid Given

Local Section

- Fire Department Response Times
 - Turnout Time
 - Response Time

Health EMS

Agency Productivity

- Agency Activity Summary
 - Patients Transported by HVA
 - Patients Transported by PTFD

Billing Summary

Inspection Report

Total count for Public Education – Review Target Solutions Calendar

Yearend - include total training hours

Incident Type Count - Monthly

For Dates 7/1/23 - 7/31/23



July

Incident Type and Description	Incident Count	% Type / % Total
100 - Fire, other	1	14.29 %
111 - Building fire	1	14.29 %
118 - Trash or rubbish fire, contained	1	14.29 %
131 - Passenger vehicle fire	3	42.86 %
150 - Outside rubbish fire, other	1	14.29 %
Total - Fires	7	2.09 %
30 - Rescue, emergency medical call (EMS), other	1	0.50 %
311 - Medical assist, assist EMS crew	1	0.50 %
321 - EMS call, excluding vehicle accident with injury	178	89.45 %
322 - Vehicle accident with injuries	13	6.53 %
324 - Motor vehicle accident with no injuries	5	2.51 %
353 - Removal of victim(s) from stalled elevator	1	0.50 %
Total - Rescue & Emergency Medical Service Incidents	199	59.40 %
412 - Gas leak (natural gas or LPG)	3	9.09 %
424 - Carbon monoxide incident	2	6.06 %
440 - Electrical wiring/equipment problem, other	3	9.09 %
444 - Power line down	25	75.76 %
Total - Hazardous Conditions (No fire)	33	9.85 %
542 - Animal rescue	1	3.13 %
550 - Public service assistance, other	2	6.25 %
551 - Assist police or other governmental agency	1	3.13 %
554 - Assist invalid	25	78.13 %
561 - Unauthorized burning	3	9.38 %
Total - Service Call	32	9.55 %
611 - Dispatched & cancelled en route	22	73.33 %
6111 - Hospice Death	2	6.67 %
611E - EMS: Dispatched & cancelled en route	2	6.67 %
622 - No incident found on arrival at dispatch address	4	13.33 %
Total - Good Intent Call	30	8.96 %
7 - False Alarm & False Call	1	3.57 %
700 - False alarm or false call, other	19	67.86 %
733 - Smoke detector activation due to malfunction	1	3.57 %
736 - CO detector activation due to malfunction	2	7.14 %
745 - Alarm system sounded, no fire - unintentional	1	3.57 %
746 - Carbon monoxide detector activation, no CO	4	14.29 %

Incident Type Count - Monthly

Incident Type and Description	Incident Count	% Type / % Total
Total - False Alarm & False Call	28	8.36 %
9 - Special incident type	2	33.33 %
900 - Special type of incident, other	2	33.33 %
9001 - Dispatch Error	2	33.33 %
Total - Special Incident Type	6	1.79 %
	335	

Incidents for Time Frame: 335

Municipal Response Times Report

For Dates Beginning 7/1/23 Ending 7/31/23

Incident Types selected for analysis: All

For All Priority Types



Time in Minutes	Alarm to Dispatch	Percent Total	Cumulative Responses	Percent	Dispatch to Enroute	Percent Total	Cumulative Responses	Percent	Enroute to Arrival	Percent Total	Cumulative Responses	Percent	Alarm to Arrival	Percent Total	Cumulative Responses	Percent	Dispatch to Arrival	Percent Total	Cumulative Responses	Percent
0 - 1	155	51.67	155	51.67	118	41.84	118	41.84	15	5.54	15	5.54	4	1.40	4	1.40	9	3.15	9	3.15
1 - 2	102	34.00	257	85.67	97	34.40	215	76.24	24	8.86	39	14.39	4	1.40	8	2.80	15	5.24	24	8.39
2 - 3	17	5.67	274	91.33	48	17.02	263	93.26	48	17.71	87	32.10	14	4.90	22	7.69	22	7.69	46	16.08
3 - 4	10	3.33	284	94.67	16	5.67	279	98.94	51	18.82	138	50.92	13	4.55	35	12.24	28	9.79	74	25.87
4 - 5	5	1.67	289	96.33	1	0.35	280	99.29	36	13.28	174	64.21	29	10.14	64	22.38	49	17.13	123	43.01
5 - 6	3	1.00	292	97.33	1	0.35	281	99.65	33	12.18	207	76.38	51	17.83	115	40.21	39	13.64	162	56.64
6 - 7	1	0.33	293	97.67	1	0.35	282	100.00	29	10.70	236	87.08	35	12.24	150	52.45	41	14.34	203	70.98
7 - 8	1	0.33	294	98.00	0	0.00	282	100.00	11	4.06	247	91.14	41	14.34	191	66.78	35	12.24	238	83.22
8 - 9	0	0.00	294	98.00	0	0.00	282	100.00	8	2.95	255	94.10	37	12.94	228	79.72	17	5.94	255	89.16
9 - 10	1	0.33	295	98.33	0	0.00	282	100.00	5	1.85	260	95.94	23	8.04	251	87.76	13	4.55	268	93.71
10 +	5	1.67	300	100.00	0	0.00	282	100.00	11	4.06	271	100.00	35	12.24	286	100.00	18	6.29	286	100.00

Incident
Total*:

300

Average Times per Incident

Average PSAP Processing Time: 1 minute(s) 38 second(s)
(Alarm to Dispatch)

Percent less than or equal to 60 Seconds: 51.67
Percent less than or equal to 90 Seconds: 72.33

Average Fire Department Turn Out Time: 1 minute(s) 18 second(s)
(Dispatch to Enroute)

Average Fire Department Turn Out and Travel Time: 5 minute(s) 44 second(s)
(Dispatch to Arrive)

Average Municipal Response Time: 7 minute(s) 14 second(s)
(Alarm to Arrive)

Percentile Response Times in Accordance with NFPA Standards

PSAP Processing Time less than 60 seconds: 51.67%
(Alarm to Dispatch)

Fire Department Turn Out Time less than 60 seconds: 41.84%
(Dispatch to Enroute)

Fire Department Travel Time less than 4 minutes: 50.92%
(Enroute to Arrive)

Listing of Mutual Aid Responses by Mutual Aid Department



Time Period: 7/1/23 - 7/31/23

Department: Canton Twp FD

Mutual aid given

230001914	7/10/23 12:36:27PM	3	08204	PALMER
230001968	7/15/23 12:57:37PM	3	08204	HAGGERTY RD
230002002	7/18/23 3:14:41PM	3	08204	43479 ABBEY CIR
230002003	7/18/23 3:53:02PM	3	08204	45112 PATRICK
230002026	7/20/23 6:19:17PM	3	08204	E ANN ARBOR RD
230002033	7/21/23 9:55:17AM	3	08204	5900 N LOTZ
230002052	7/23/23 3:50:02PM	3	08204	43825 MICHIGAN
230002152	7/30/23 3:06:58PM	3	08204	5969 N CANTON CENTER
230002153	7/30/23 4:03:37PM	3	08204	39500 FORD

Subtotal Mutual aid given 9

Subtotal Canton Twp FD 9

Department: Huron Valley Ambulance

Automatic aid received

230002094	7/26/23 4:03:28PM	2	HVA	14707 NORTHVILLE RD
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Subtotal Automatic aid received 1

Subtotal Huron Valley Ambulance 1

Department: Northville City FD

Mutual aid received

230002093	7/26/23 4:00:00PM	1	08232	11280 PARKVIEW DR
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Subtotal Mutual aid received 1

Automatic aid received

230001856	7/4/23 7:28:33AM	2	08232	45759 HELM ST
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Subtotal Automatic aid received 1

Mutual aid given

230001849	7/3/23 3:28:35PM	3	08232	HAGGERTY RD
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Subtotal Mutual aid given 1

Automatic aid given

230001848	7/3/23 2:20:57PM	4	08232	1160 SHERIDAN
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Subtotal Automatic aid given 1

Time Period: 7/1/23 - 7/31/23

Subtotal Northville City FD

4

Department: Northville Twp FD

Automatic aid received

230001856 7/4/23 7:28:33AM 2 08255 45759 HELM ST

Subtotal Automatic aid received

1

Mutual aid given

230001888 7/7/23 2:25:13PM 3 08255 15870 HAGGERTY

230001976 7/16/23 10:19:13AM 3 08255 42010 SEVEN MILE RD

230001997 7/18/23 9:51:55AM 3 08255 42000 SEVEN MILE RD

Subtotal Mutual aid given

3

Subtotal Northville Twp FD

4

Department: Salem Twp FD

Mutual aid given

230001906 7/9/23 3:56:19PM 3 08109 7272 SALEM RD

Subtotal Mutual aid given

1

Subtotal Salem Twp FD

1

Department: Canton FD

Mutual aid given

230001953 7/13/23 6:24:02PM 3 08204 50134 VAN BUREN ST

230002042 7/22/23 4:43:01PM 3 08204 3406 RIVERSIDE CT

Subtotal Mutual aid given

2

Subtotal Canton FD

2

Total

20

Incident Summary by Incident Type

For Dates: 7/1/23 - 7/31/23



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
No Shift Entered				
No Station Entered				
Special Incident Types	1	166,687:04:23	\$ 0.00	\$ 0.00
Total for No Station Entered	1	166,687:04:23	\$ 0.00	\$ 0.00
Station: ST1				
False Alarm & False Calls	1	00:05:09	\$ 0.00	\$ 0.00
Total for Station: ST1	1	00:05:09	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	1	00:07:30	\$ 0.00	\$ 0.00
Total for Station: ST3	1	00:07:30	\$ 0.00	\$ 0.00
Total for No Shift Entered	3.00	55,562:25:41	\$ 0.00	\$ 0.00
Shift: A				
Station: ST1				
Rescue & Emergency Medical Service Incidents	21	00:05:53	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	4	00:07:32	\$ 0.00	\$ 0.00
Service Calls	6	00:08:49	\$ 0.00	\$ 0.00
Good Intent Calls	5	00:01:15	\$ 0.00	\$ 0.00
False Alarm & False Calls	6	00:06:42	\$ 0.00	\$ 0.00
Total for Station: ST1	42	00:06:01	\$ 0.00	\$ 0.00
Station: ST2				
Fires	1	00:06:43	\$ 0.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	14	00:06:03	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	5	00:07:21	\$ 0.00	\$ 0.00
Service Calls	3	00:05:55	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:02:23	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:06:13	\$ 0.00	\$ 0.00
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: ST2	29	00:05:43	\$ 0.00	\$ 0.00
Station: ST3				
Fires	1	00:10:26	\$ 0.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	23	00:08:16	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:08:00	\$ 0.00	\$ 0.00
Service Calls	7	00:07:59	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	4	00:10:12	\$ 0.00	\$ 0.00
Total for Station: ST3	38	00:08:02	\$ 0.00	\$ 0.00
Total for Shift: A	109.00	00:06:38	\$ 0.00	\$ 0.00

Shift: B

Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Station: MA				
Hazardous Conditions (No fire)	1	00:08:33	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: MA	2	00:04:17	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	30	00:07:14	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:06:43	\$ 0.00	\$ 0.00
Service Calls	1	00:00:08	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:06:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:06:46	\$ 0.00	\$ 0.00
Special Incident Types	3	00:05:53	\$ 0.00	\$ 0.00
Total for Station: ST1	39	00:06:52	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	18	00:05:09	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:05:11	\$ 0.00	\$ 0.00
Service Calls	4	00:07:33	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:04:11	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:04:55	\$ 0.00	\$ 0.00
Total for Station: ST2	29	00:05:22	\$ 0.00	\$ 0.00
Station: ST3				
Fires	1	00:07:40	\$ 130,000.00	\$ 1,300,000.00
Rescue & Emergency Medical Service Incidents	27	00:07:20	\$ 0.00	\$ 0.00
Service Calls	4	00:07:10	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:07:00	\$ 0.00	\$ 0.00
Special Incident Types	1	00:00:09	\$ 0.00	\$ 0.00
Total for Station: ST3	38	00:06:33	\$ 130,000.00	\$ 1,300,000.00
Total for Shift: B	108.00	00:06:18	\$ 130,000.00	\$ 1,300,000.00
Shift: C				
Station: ST1				
Fires	1	00:03:45	\$ 4,000.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	26	00:05:48	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	7	00:10:55	\$ 0.00	\$ 0.00
Service Calls	1	00:09:56	\$ 0.00	\$ 0.00
Good Intent Calls	5	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	5	00:08:24	\$ 0.00	\$ 0.00
Total for Station: ST1	45	00:06:17	\$ 4,000.00	\$ 0.00
Station: ST2				
Fires	1	00:07:46	\$ 0.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	18	00:06:36	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	6	00:04:26	\$ 0.00	\$ 0.00
Service Calls	3	00:07:14	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:04:30	\$ 0.00	\$ 0.00
Total for Station: ST2	31	00:05:47	\$ 0.00	\$ 0.00
Station: ST3				
Fires	2	00:07:39	\$ 43,000.00	\$ 0.00

Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Rescue & Emergency Medical Service Incidents	21	00:08:03	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	5	00:20:34	\$ 0.00	\$ 0.00
Service Calls	3	00:06:02	\$ 0.00	\$ 0.00
Good Intent Calls	5	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:11:52	\$ 0.00	\$ 0.00
Total for Station: ST3	39	00:08:44	\$ 43,000.00	\$ 0.00
Total for Shift: C	115.00	00:06:59	\$ 47,000.00	\$ 0.00
Total	335.00	497:41:02	\$ 177,000.00	\$ 1,300,000.00

Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Service Date: From 07/01/2023 Through 07/31/2023

Total Number of ePCRs: 213

Total Number of Incidents: 210

By Branch

01 Station 1 = 54

02 Station 2 = 69

03 Station 3 = 90

Billing Disposition

	#	%		#	%
Treated/Transported	52	24.4%	Dead Prior To Arrival	2	0.9%
Treated / Transferred Care	93	43.7%	Dead After Arrival	N/A	N/A
Treated/No Transport (AMA)	38	17.8%	Treat/Transported by Private Veh.	N/A	N/A
Treated / No Transport (Per Protocol)	N/A	N/A	Assist	28	13.1%
Transported / Refused Care	N/A	N/A	Other	N/A	N/A
No Transport / Refused Care	N/A	N/A	No Patient Found	N/A	N/A
Cancelled	N/A	N/A			
Left Blank	N/A	N/A			

Unit Disposition

Description	#	%
No Patient Contact	5	2.3%
Non-Patient Incident (Not Otherwise Listed)	23	10.8%
Patient Contact Made	185	86.9%
Left Blank	0	0.0%
Total	213	100.0%

Patient Evaluation/Care Disposition

Description	#	%
Not Applicable	23	10.8%
Patient Evaluated and Care Provided	183	85.9%
Patient Evaluated, No Care Required	2	0.9%
Patient Support Services Provided	5	2.3%
Left Blank	0	0.0%
Total	213	100.0%

Crew Disposition

Description	#	%
Back in Service, No Care/Support Services Required	25	11.7%
Initiated Primary Care and Transferred to Another EMS Crew	93	43.7%
Initiated and Continued Primary Care	90	42.3%
Provided Care Supporting Primary EMS Crew	5	2.3%
Left Blank	0	0.0%
Total	213	100.0%

Transport Disposition

Description	#	%
No Transport	7	3.3%
Not Applicable	23	10.8%
Patient Refused Transport	38	17.8%
Transport by Another EMS Unit	93	43.7%
Transport by This EMS Unit (This Crew Only)	52	24.4%
Left Blank	0	0.0%
Total	213	100.0%

Run Type

	#	%		#	%
Emergency Runs	213	100.0%	Non-Emergency Runs	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	8	3.8%	Mutual Aid	N/A	N/A

Interfacility Intercept	N/A	N/A	Interfacility Intercept	N/A	N/A
Emergency Runs (Scheduled)	N/A	N/A	Non-Emergency Runs (Scheduled)	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	N/A	N/A	Mutual Aid	N/A	N/A
Interfacility Intercept	N/A	N/A	Interfacility Intercept	N/A	N/A

Emergency Type Left Blank: 0

Runs by Unit

Unit	Total Runs	Treat/Transp	Treat/Transfer	Treat/No Transp(AMA)	Treat/No Transp(PP)	Transp/Ref. Care	Cancelled	Dead Prior Arr	Dead After Arr	T/T Priv Veh	No Trans/Ref. Care	Assist	Other	No Pat. Found
ENG1	10	0	6	3	0	0	0	0	0	0	0	1	0	0
ENG2	2	0	1	1	0	0	0	0	0	0	0	0	0	0
ENG3	1	0	1	0	0	0	0	0	0	0	0	0	0	0
RES1	48	19	15	7	0	0	0	1	0	0	0	6	0	0
RES2	62	21	24	11	0	0	0	0	0	0	0	6	0	0
RES3	90	12	46	16	0	0	0	1	0	0	0	15	0	0
Total	213	52	93	38	0	0	0	2	0	0	0	28	0	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	23	10.8%	BLS	158	74.2%
ALS	190	89.2%	ALS1	50	23.5%
SCT	N/A	N/A	ALS2	5	2.3%
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

Runs by Insurance Type with Service Level (Multiple insurance types may have been marked on a run)

Type	BLS	%	ALS1	%	ALS2	%	SCT	%Rotary Wing	%Fixed Wing	%	Total	%
None	158	74.2%	50	23.5%	5	2.3%	N/A	N/A	N/A	N/A	213	100.0%

Runs by Primary PI

Description	#	%
Abdominal Pain	10	4.7%
Allergic Reaction	2	0.9%
Alt. Level Conscious	11	5.2%
Anxiety	3	1.4%
Asthma Symptoms	3	1.4%
Back Pain (No Trauma)	6	2.8%
Behavioral Disorder	1	0.5%
CVA/Stroke	1	0.5%
Cardiac Arrest	2	0.9%
Cardiac Symptoms	2	0.9%
Chest Pain	12	5.6%
Dehydration Symp.	2	0.9%
Diabetic Symptoms	4	1.9%
Dyspnea-SOB	7	3.3%
Flu Symptoms	1	0.5%
Headache (no trauma)	1	0.5%
Hemorrhage-(severe medical)	1	0.5%
Malaise	3	1.4%
Monitoring Required	1	0.5%
Nausea	1	0.5%
No Medical Problem	4	1.9%
Nose Bleed	2	0.9%
Not Applicable	2	0.9%
Obvious Death	2	0.9%

Psychiatric Emerg.	6	2.8%
Seizure	7	3.3%
Syncope/Fainting	6	2.8%
Trauma Injury	32	15.0%
Unconscious	1	0.5%
Unknown Medical	13	6.1%
Urination Problem	1	0.5%
Vomiting	2	0.9%
Weakness	35	16.4%
<i>Left Blank</i>	26	12.2%
Total	213	100.0%

Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	8	3.8%
10 Chest Pain [non-traumatic]	14	6.6%
12 Convulsions/Seizures	8	3.8%
13 Diabetic	4	1.9%
17 Falls	53	24.9%
18 Headache	1	0.5%
2 Allergies/Envenomations	2	0.9%
21 Hemorrhage/Lacerations	1	0.5%
25 Psychiatric/Abnormal behavior/Suicide Attempt	9	4.2%
26 Sick Person	33	15.5%
28 Stroke [CVA]	2	0.9%
29 Traffic/Accidents	15	7.0%
3 Animal Bites/Attacks	1	0.5%
30 Traumatic Injuries	5	2.3%
31 Unconscious/Fainting	10	4.7%
32 Unknown Problem	7	3.3%
38a Citizen assist	14	6.6%
4 Assault/Sexual Assault	1	0.5%
5 Back Pain	3	1.4%
6 Breathing Problems	12	5.6%
77 Not reported	1	0.5%
9 Cardiac or Respiratory Arrest/Death	2	0.9%
99 Unknown	7	3.3%
<i>Left Blank</i>	0	0.0%
Total	213	100.0%

Transport From (Category)

	<u>#</u>	<u>%</u>
--Left Blank--	213	100.0%
<u>Total</u>	213	100.0%

Transport From (Facility)

	<u>#</u>	<u>%</u>
--Left Blank--	213	100.0%
<u>Total</u>	213	100.0%

Transport To (Destination Facility)

	<u>#</u>	<u>%</u>
St Mary Livonia ER	112	52.6%
--Left Blank--	68	31.9%
Henry Ford Plymouth	14	6.6%
Providence Park ER-Novi	8	3.8%
UNIVERSITY OF MICHIGAN ER	6	2.8%
St Joe Ann Arbor ER	3	1.4%
No transport	1	0.5%
C.S. Mott Children's Hospital	1	0.5%
<u>Total</u>	213	100.0%

PLYMOUTH AGING SUMMARY
PLYMOUTH MONTHLY AGING REPORT
Report As Of July 31, 2023

<u>ID</u>	<u>Description</u>	<u>Calls</u>	<u>Current</u>	<u>31 to 60</u>	<u>61 to 90</u>	<u>91 to 120</u>	<u>121 to 150</u>	<u>151 to 180</u>	<u>Over 180</u>	<u>Total</u>
1CONS	PAPER - CONTRACT	3	761.76	569.85	0	0	0	0	705.88	2037.49
1MRP	PAPER - MEDICARE	5	1082.42	508.99	595	851.17	0	0	0	3035.58
1STAT	STATUS - CARE	6	0	0	0	0	0	0	3842.11	3842.11
BCBS	ELECT BCBS	12	2720.59	1751.46	0	92.81	0	0	0	4564.86
CAID	ELECT MEDICAID	5	532.13	839.1	774.37	0	0	0	0	2145.6
CAIP	PAPER MEDICAID R	11	882.42	761.76	575.44	0	0	0	5270.58	7490.18
CARE	ELECT - MEDICARE	5	3175.8	0	0	0	0	0	0	3175.8
CAREBL	ELECT MEDICARE P	7	2599.84	558.67	0	0	0	0	1295.29	4453.8
FIREINS	FIRE RECOVERY 15	1	0	0	0	0	0	0	375	375
INSU	PAPER INS PRIMAR	8	0	2009.55	625.03	583.82	0	0	1397.79	4616.19
NEIC	ELECT INS NEIC	4	2201.46	0	0	0	0	0	719.85	2921.31
NEICCAID	ELECT MEDICAID NE	1	693.31	0	0	0	0	0	0	693.31
NEICCARE	ELECT INS NEIC ME	8	1496.97	508.38	0	0	0	0	3432.49	5437.84
PRIV	REQUEST PRIVATE	4	2078.61	707.28	0	0	0	0	0	2783.89
PRV2	PAPER - PRIVATE P	58	6339.78	10804.46	4840.84	683.34	842.13	2215.43	-23.7	25702.3
REVIEW	REVIEW	21	0	0	0	1262.34	2935.65	1963.45	3854.46	10015.9
SINS	PAPER INS SECOND	6	241.11	234.84	397.75	0	0	0	0	873.7
U	MHR HOLD FOR MH	2	0	691.91	0	0	0	0	733.82	1425.73
ZIR	ZIRMED 2	1	0	0	0	0	0	0	224.76	224.76
ZIRCAID	ELECT MEDICAID ZI	11	2690.28	719.85	0	0	0	0	3821.03	7231.16
ZIRCARE	ELECTRONIC MEDIC	1	0	0	0	0	0	0	629.92	629.92
Totals		180	27494.48	20864.12	7808.43	3473.48	3777.78	4178.88	26379.26	93776.43

PLYMOUTH CHARGE SUMMARY
PLYMOUTH MONTHLY CHARGE REPORT
REPORT AS OF JULY 31, 2023

<u>ID</u>	<u>Description</u>	<u>QTY</u>	<u>QTY %</u>	<u>Charge Count</u>	<u>Charge Count</u>	<u>Charges</u>	<u>Total Charge %</u>
427	ALS EMERGENCY	29	7.51	29	27.38	18850	51.78
433	ALS II EMERGENCY	3	0.78	3	2.83	2400	6.59
429	BLS EMERGENCY	21	5.44	21	19.81	10500	28.84
0425MC	CMS MILEAGE	219.1	56.75	35	33.02	3060.86	8.41
425	MILEAGE	114	29.53	18	16.98	1592.58	4.37
Totals		386.1		106		36403.44	

PLYMOUTH CREDIT SUMMARY
PLYMOUTH MONTHLY CREDIT REPORT
REPORT AS OF JULY 31, 2023

<u>ID</u>	<u>Description</u>	<u>Credits</u>	<u>QTY %</u>	<u>Amount</u>	<u>Amount %</u>
2	Adjustment	94	52.22	8229.07	26.45
1	Other Payment	78	43.33	21879.09	70.33
6	Patient Payment	6	3.33	807.71	2.6
5	Write Off	2	1.11	193.48	0.62
Totals		180		31109.35	

Inspection Volume

8/1/2023 8:09:22 AM

Filters:

- Inspection Source: **Internal Department Only**
- Start Date: **7/1/2023 12:00:00 AM**
- End Date: **7/31/2023 11:59:59 PM**
- Inspector: **-all-**
- Occupancy Type: **-all-**
- IFC Occupant Class: **-all-**
- Occupancy Number: **-all-**
- Zip Code: **-all-**
- Address: **-all-**
- Street Name: **-all-**
- Inspection Type: **-all Fire Safety types-**
- Census: **-all-**
- District: **-all-**
- Section: **-all-**
- Station: **-all-**
- Zone: **-all-**

Volume by Inspector

	# of Inspections ¹	Violations Cited	Occupant Sq. Ft.
Randall, Jeff			
2-Year ^{FS}	3		32,000
Annual ^{FS}	8		34,500
Business Update ^{FS}	18		539,300
Certificate of Occupancy ^{FS}	1		10,000
Final Fire Alarm ^{FS}	4		1,107,000
Fire Alarm Test ^{FS}	3		194,000
Fire Evacuation Drill ^{FS}	1		40,000
Freedom of Information ^{FS}	5		140,000
Hood Inspection ^{FS}	1		4,000
Hydrostratic Test ^{FS}	1		500,000
Re-inspect ^{FS}	1		10,000
Business Update (1)			
Certificate of Occupancy (1)			
Total 2 ³			
Semi-Annual (twice a year) ^{FS}	5		44,000
Site Plan/Plan Review ^{FS}	2		0
Total	53	1	2,654,800

Totals

	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
2-Year ^{FS}	3				32,000
Annual ^{FS}	8				34,500
Business Update ^{FS}	18				539,300
Certificate of Occupancy ^{FS}	1				10,000
Final Fire Alarm ^{FS}	4				1,107,000
Fire Alarm Test ^{FS}	3				194,000
Fire Evacuation Drill ^{FS}	1				40,000
Freedom of Information ^{FS}	5				140,000
Hood Inspection ^{FS}	1				4,000
Hydrostratic Test ^{FS}	1				500,000
Re-inspect ^{FS}	1				10,000
Semi-Annual (twice a year) ^{FS}	5				44,000
Site Plan/Plan Review ^{FS}	2				0
Total⁵	53	1	1	0	2,654,800

¹ This is actually a count for the inspection type. A single inspection with two types will total as two not one. Similarly 2 inspections done together on a 10K sq ft occupant will count as 20K sq ft.

² Cleared violations from re-inspections outside the date range ARE included if initial inspection falls within date range.

³ One re-inspection can encompass multiple inspection types - this is why the re-inspection type-specific total is frequently greater than the # of inspections.

^{FS} Fire Safety Inspection.



Monthly Planning & Zoning Report

July 2023

McKenna provides day-to-day assistance to the Township, applicants, and public regarding zoning, planning and economic development matters, including on-site office hours every morning and as-needed.

Contact your Plymouth Township Planning and Zoning Team: Laura Haw, AICP, NCI and Nani Wolf, AICP, CAPS, at: planning@plymouthtp.org

View current projects on the Township's website at:

https://www.plymouthtp.org/government/departments/community_development/current_projects.php

PLANNING, ZONING, DESIGN & ECONOMIC DEVELOPMENT ACTIVITY

As part of our services to the Township, McKenna reviews Planning Commission applications and provides recommendations on long range planning, land use, zoning, and design. The following is a summary of active development projects; yellow highlighting indicates new updates for the month.

PROJECT # / NAME / ADDRESS	SCOPE	STATUS / NEXT STEPS
#2312 <i>Ponds at Andover</i>	Residential development with 7 single-family, detached units on N. Territorial.	CHO Agreement recorded on March 15, 2022. Final stamp pending; the project must be finalized by September 15, 2023, or the file will be closed.
#2332 <i>Boleski Funeral Home</i>	Final site plan, with conditions, granted by the Planning Commission on July 21, 2021.	Final stamp issued. The file is closed, construction will commence this summer.
#2346 <i>Phoenix Mill</i>	Redevelopment of the former Wayne County Road Yard, adjacent to Hines Park, into an office and event space.	Final stamp under review.
#2394 <i>Pursell Place CHO</i>	8 single-family residential subdivision at 46200 N. Territorial Road.	The final CHO was approved by the Board of Trustees on July 12, 2022; the applicant is seeking a variance from the ZBA on September 7 and if approved, may elect to only construct two residential structures on the property.
#2416 <i>Halyard Ridge Industrial</i>	Site plan for a 280,000 SF industrial spec. building at 15000 Ridge Road.	Final site plan approval granted on March 16, 2022. Final stamp issued, file to be closed.
#2444	Site development plan submitted for a residential Planned Unit Development	Final stamp and the recording of the PUD contract pending.

HEADQUARTERS
235 East Main Street
Suite 105
Northville, Michigan 48167

O 248.596.0920
F 248.596.0930
MCKA.COM

Communities for real life.



PROJECT # / NAME / ADDRESS	SCOPE	STATUS / NEXT STEPS
<i>Plymouth Walk PUD</i>	(PUD) with 369 units. The application (development plan and PUD contract) was approved by the Board of Trustees on September 13, 2022.	The Brownfield Plan was approved on October 10, 2022, by the Brownfield Redevelopment Authority, and subsequently approved by the Board of Trustees on November 15, 2022.
#2445 <i>11211 Haggerty</i>	Lot split application for single-family residential developments.	Application undergoing discussions with Wayne County regarding the public road dedication process.
#2458 <i>205 Ann Arbor</i>	Site plan for a second drive-through lane, dumpsters, and lighting at the existing Taco Bell restaurant.	Planning Commission tabled the application for up to 6 months on March 15, 2023.
#2459 <i>Plymouth Exchange</i>	Site plan for three spec. industrial buildings at the southeast corner of Five Mile and Napier Roads. The Planning Commission granted final site plan approval, with conditions, on December 14, 2022 and the site was also granted several variances from the ZBA on January 5, 2023.	Applicant to submit final plan set for administrative approval, incorporating the required changes from Wayne County.
#2460 <i>Ilmore Building Expansion</i>	Site plan for a ±6,800 square foot building addition to the existing industrial facility at 43939 Plymouth Oaks Boulevard.	The Planning Commission approved the application on January 18, 2023; final stamp pending.
#2465 <i>Biggby Coffee</i>	Site plan application for a drive-thru coffee shop at 1311 Ann Arbor Road.	Planning Commission granted final site plan approval, with conditions, on April 1, 2023. Awaiting revised plans for administrative review.
#2466 <i>Sarafund Auto 14760 Northville</i>	Special land use application for used car sales and outdoor vehicle storage and an automobile commercial garage (oil change and repair).	Planning Commission tabled the application for up to 6-months on March 15, 2023. Applicant must re-submit before the deadline for the September 15 meeting, otherwise the file will be closed.
#2468 <i>DPW Yard 46555 Port Street</i>	Site plan application for two spec. industrial sites, following the sale of two portions of the DPW Yard.	Under review, incomplete plans. Site plan to be reviewed at a future Planning Commission meeting, TBD.
#2474 <i>Sparr's Greenhouse</i>	Conditional rezoning application for Sparr's Greenhouse, 42510 Joy Road, and adjacent parcels on Lilley Rd.	Planning Commission recommended denial on April 19, 2023. The application will be considered at a future Board of Trustees meeting, date TBD.
#2476 <i>39601 Ann Arbor</i>	Site plan application for a drive-through Tim Horton's coffee shop at the existing Shell Gas Station.	Planning Commission granted final site plan approval, with conditions, on April 19, 2023. Final stamp in progress.
#2477 <i>Halyard Ridge Outdoor Storage</i>	Site plan application for an outdoor storage yard at 15000 Ridge Road.	Planning Commission granted final site plan approval on April 19, 2023. Final stamp in progress.



PROJECT # / NAME / ADDRESS	SCOPE	STATUS / NEXT STEPS
#2477 <i>Northville Downs</i>	Site development plan approval for 49500-49900 Techne Drive.	Planning Commission recommended approval of the PUD development plan, with condition, to the Board on May 3, 2023. Revisions to the PUD Contract and Development Agreement are underway. The application will be considered at a future Board of Trustees meeting, date TBD.
#2479 <i>Lot 1 Concept Drive</i>	Site plan application submitted for an industrial building at 41336 Concept Drive.	Planning Commission granted tentative site plan approval, with conditions, on June 21, 2023. The final site plan will be considered at the August 16, 2023, Commission meeting.
#2480 <i>Lot 14 Concept Drive</i>	Site plan application submitted for an industrial building at 41015 Concept Drive.	The Planning Commission granted final site plan approval, with conditions, on July 19, 2023. Applicant to finalize engineering and submit for final stamp.
#2482 <i>Penske Trucking</i>	Site plan application for a trucking facility at 40111-40251 Schoolcraft Road.	Planning Commission granted tentative site plan approval, with conditions, on May 17, 2023. Applicant to submit for final site plan consideration, date TBD.
#2483 <i>Delta Electronics</i>	Site plan amendment application to construct a truck bay and modify the entrance access at 47659 Halyard Drive.	Under administrative review.
#2485 <i>Hyundai Mobis</i>	Site plan amendment application to construct banked parking at 46501 Commerce Center Drive.	Under administrative review.
#2487 <i>Plymouth Walk</i>	Lot split/combination application for the Plymouth Walk PUD site.	Lot split application submitted on November 30, 2022; under administrative review. Engineering, Wayne County, and EGLE submittals also under review.
#2488 <i>40700 Ann Arbor Road</i>	PUD Option application for 40700 Ann Arbor Road (existing office building) to establish a car wash and drive-thru restaurant.	Application withdrawn, file to be closed.
#2489 <i>Ann Arbor Road RV Storage</i>	Site plan amendment application to add new landscaping along Ann Arbor Road at 42280 Ann Arbor Road.	Under administrative review.

RECOMMENDATIONS / NEXT MONTH'S OUTLOOK

DTE Electric Chargers. On August 25, 2022, the Township was awarded a \$110,000 rebate from DTE for the installation of two electric vehicle chargers at Township Hall (brand/model: ChargePoint Express Plus Level 3). Staff have requested that DTE extend the electric line and are awaiting a date and time from DTE. The chargers have arrived at Township Hall and are waiting for installation. The concrete pads which will support the chargers and transformer box have been installed; DTE hookup is pending.



Zoning Ordinance Text Amendment: Parking Standards. A text amendment to *Article 24: Parking* of the Zoning Ordinance is currently being drafted by the Planning Department. The Planning Commission continues to discuss this topic and will consider a full amendment text in 2023.

Zoning Ordinance Text Amendment: Solar Energy Systems. A text amendment to *Article 28: Special Provisions* of the Zoning Ordinance for Solar Energy Systems (SES) was adopted on July 25, 2023, by the Board of Trustees.

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. The Solar Energy Systems ordinance 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.

Joint Park and Recreation Master Plan Update. Plymouth Township's Joint Recreation Master Plan with the City of Plymouth, last updated in 2018, is an important resource for both communities to strategically guide the development, maintenance, and programming of Township parks and recreation facilities. Renewal of this important Plan also ensures that the Township maintains eligibility for future grant funding from the Michigan Department of Natural Resources (MDNR).

In addition to the various public meetings with the Planning Commission and Environmental Leadership Commission where the draft Plan will be continually discussed, the Township has hosted an in-person open house and survey:

- Community-Wide Open House. The open house was held on Tuesday, July 18 at Township Hall, from 6:00 – 8:00 PM and provided the planning team an opportunity to engage residents face-to-face. Approximately 15 residents and board / commission members attended the session.
- Survey. An online survey, via SurveyMonkey (with paper copies also available), was launched on June 29, and will remain open until September 1. As of August 1, the Township has received 689 survey responses. These responses and feedback will be shared with the City in September as they too, work towards updating their portion of the Joint Plan.
- Dedicated Email Account. The Township also created a dedicated email for questions and comments regarding recreation planning matters. Please email us at recreation@plymouthtwp.org with any feedback!



Plymouth Twp. Police

July 2023

Executive Summary : Chief of Police James H. Knittel, Jr.

Operations

Assault with Intent to Murder – On July 13, 2023, PTPD was notified by male subject that he received a concerning text from an associate. The associate felt that her current boyfriend was going to kill her. PTPD officers responded to the Heritage Apartments to conduct a welfare check on this female. Officers were able to separate the two subjects and interview both. Officers were able to determine that the suspect attempted to drown the victim several times in her bathtub during an argument. During one of the incidents, she became unconscious. This series of abuse including other crimes that occurred over a three-day period. The suspect was arrested and charged. The subject was arraigned and give a \$1,000.000 Bond. Summary of Criminal Charges authorized by the WCPO:

Assault with Intent to Murder – Life Offense	Criminal Sexual Conduct 1 st Degree
Torture- Life Offense	False Imprisonment
Criminal Sexual Conduct 3 rd Degree	Felonious Assault causing Great Bodily Harm
Domestic Violence	

Two Significant Storms – Excellent work by our dispatchers and police officers who handled the excessive number of calls and runs during the back-to-back summer storms. Our PTPD Dispatch Center averages 49 "911 calls" per day. On 07-26-23 we handled over 95 "911 calls" At the same time, we were processing "911 calls" for Novi and Northville who were also inundated with 9-1-1 calls.

Retail Fraud Arrests - On July 25, 2023, officers responded to the Kroger's on a possible retail fraud in progress. The two subjects were wearing orange construction vests and loaded a cart full of liquor. These subjects committed retail frauds in Northville Township and Canton earlier in the day. The subjects left the cart inside the store and fled the area on foot. Officers located the suspect vehicle as it was attempting to leave the area. Officers recovered 35 bottles of tequila from the trunk of the vehicle and both subjects were arrested and charged.

Investigations

Domestic Violence / Strangulation – On July 5, 2023, PTPD Officers responded to 8960 Haggerty on report of a domestic violence. The investigation revealed that the suspect had strangled the victim. The suspect was arrested and charged with Assault with Intent to Commit Great Bodily Harm Less than Murder or Strangulation, Domestic Violence - 2nd offense notice, domestic violence knowingly assaulting a pregnant individual - Second Offense notice. The defendant was arraigned on the charges and given a \$500 cash bond and with a GPS tether.

Larceny from Auto – Citizens report a rash of larcenies from automobiles at the township park. This investigation continues as we have developed suspect information related to the thefts. We are currently working with local, state and federal partners on this investigation.



Plymouth Twp. Police

July 2023

Executive Summary : Chief of Police James H. Knittel, Jr.

Policing in the Community

Community Outreach –

Coffee with a Cop -

On July 12, 2023, PTPD hosted a “Coffee with a Cop” event in collaboration with the Grand Traverse Pie Company. The event was well attended, and the feedback was very positive.

Plymouth Township / Plymouth Honor Guard –

Our team participated in the Fourth of July Plymouth Parade. We received numerous compliments on the team’s professionalism.

Houses of Worship Workshop –

On July 27, 2023, PTPD hosted our first House of Worship Safety Workshop. Each house of worship in Plymouth Township was invited and most attended. The workshop offered safety and security recommendations, updates on current crime trends, information of available grants and information related to security assessments. Short presentations were given by a Homeland Security Cybersecurity and Infrastructure Security Specialist and an intelligence analyst from the Detroit & Southeast Michigan Information and Intelligence Center. SRO Smitherman is the point of contact for this ongoing safety and security project. The feedback from security teams and clergy was outstanding.

Active Assailant Training –

Two training sessions were given during July at Adient with approx. 300 employees trained by PTPD trainers.

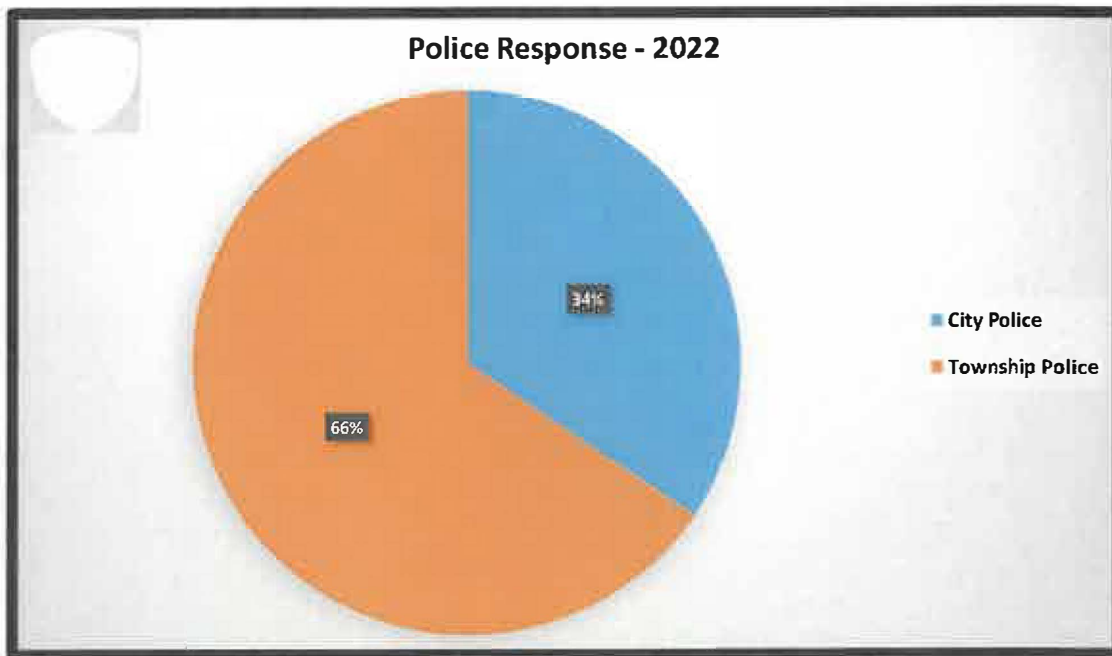


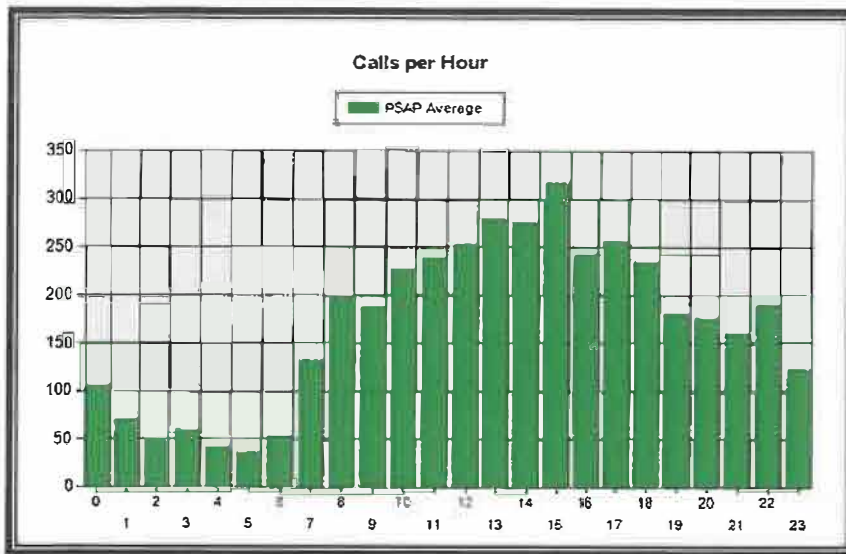
PART-ONE CRIMES

CLASS	Description	Jul/2023	Jul/2022	% CHG	YTD 2023	YTD 2022	% CHG
11001	SEXUAL PENETRATION PENIS/VAGINA -CSC 1ST DEG	0	0	0%	0	1	-100.0%
11003	SEXUAL PENETRATION ORAL/ANAL -CSC 1ST DEGRE	0	0	0%	0	1	-100.0%
11004	SEXUAL PENETRATION ORAL/ANAL -CSC 3RD DEGRE	0	0	0%	1	0	100.0%
11008	SEXUAL CONTACT FORCIBLE -CSC 4TH DEGREE	0	1	-100.0%	0	3	-100.0%
12000	ROBBERY	0	0	0%	1	0	100.0%
13001	NONAGGRAVATED ASSAULT	6	4	50.0%	40	48	-16.7%
13002	AGGRAVATED/FELONIOUS ASSAULT	2	2	0%	15	5	200.0%
13003	INTIMIDATION/STALKING	0	0	0%	6	4	50.0%
21000	EXTORTION	0	0	0%	1	0	100.0%
22001	BURGLARY -FORCED ENTRY	0	0	0%	3	5	-40.0%
22002	BURGLARY -ENTRY WITHOUT FORCE (Intent to Commi	1	1	0%	2	3	-33.3%
23002	LARCENY -PURSES/NATCHING	0	0	0%	0	1	-100.0%
23003	LARCENY -THEFT FROM BUILDING	2	3	-33.3%	16	13	23.1%
23005	LARCENY -THEFT FROM MOTOR VEHICLE	9	2	350.0%	50	43	16.3%
23006	LARCENY -THEFT OF MOTOR VEHICLE PARTS/ACCE	5	1	400.0%	22	29	-24.1%
23007	LARCENY -OTHER	4	2	100.0%	21	20	5.0%
24001	MOTOR VEHICLE THEFT	3	2	50.0%	15	16	-6.3%
24002	MOTOR VEHICLE, AS STOLEN PROPERTY	1	0	0%	1	0	100.0%
24002	MOTOR VEHICLE THEFT	0	0	0%	0	1	-100.0%
25000	FORGERY/COUNTERFEITING	1	0	0%	7	2	250.0%
26001	FRAUD -FALSE PRETENSE/SWINDLE/CONFIDENCE G	3	4	-25.0%	14	20	-30.0%
26002	FRAUD -CREDIT CARD/AUTOMATIC TELLER MACHINE	2	0	0%	12	5	140.0%
26005	FRAUD -WIRE FRAUD	0	0	0%	0	2	-100.0%
26007	FRAUD - IDENTITY THEFT	2	3	-33.3%	19	25	-24.0%
27000	EMBEZZLEMENT	0	1	-100.0%	3	1	200.0%
28000	STOLEN PROPERTY	0	0	0%	0	3	-100.0%
29000	DAMAGE TO PROPERTY	10	3	233.3%	33	19	73.7%
30002	RETAIL FRAUD -THEFT	1	1	0%	12	10	20.0%
30003	RETAIL FRAUD -REFUND/EXCHANGE	0	1	-100.0%	0	2	-100.0%
30004	ORGANIZED RETAIL FRAUD	1	0	0%	2	0	200.0%
35001	VIOLATION OF CONTROLLED SUBSTANCE ACT	1	1	0%	6	9	-33.3%
35002	NARCOTIC EQUIPMENT VIOLATIONS	0	0	0%	2	7	-71.4%
37000	OBSCENITY	0	0	0%	0	1	-100.0%
52001	WEAPONS OFFENSE- CONCEALED	0	1	-100.0%	2	7	-71.4%
52003	WEAPONS OFFENSE -OTHER	0	0	0%	1	1	0%
72000	ANIMAL CRUELTY	0	4	-100.0%	0	4	-100.0%
Totals for Part A		54	37	45.95%	307		-1.29%

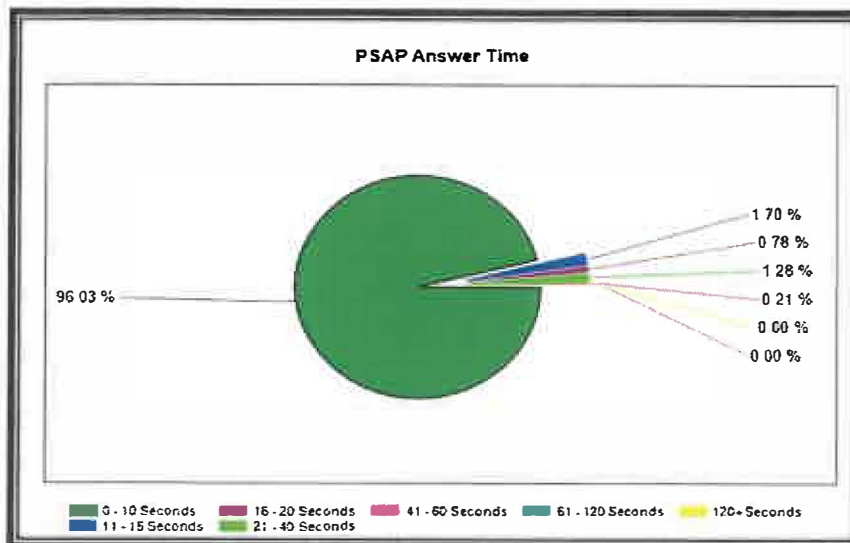
POLICE RESPONSE													
2023	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	520	514	593	619	708	671	735						4,360
Township Police	1,089	1,010	1,390	1,057	1,274	1,312	1,160						8,292
Total	1,609	1,524	1,983	1,676	1,982	1,983	1,895	0	0	0	0	0	12,652

POLICE RESPONSE													
2022	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	370	357	514	537	525	569	586	638	588	520	534	502	6,240
Township Police	911	868	1,068	872	1,144	1,019	1,068	1,054	1,077	1,067	919	901	11,968
Total	1,281	1,225	1,582	1,409	1,669	1,588	1,654	1,692	1,665	1,587	1,453	1,403	18,208





2023 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,083	1,218	1,270	1,128	1,322	1,424	1,357						8,802
# of Non-Emergency Calls	1,831	1,964	2,190	1,980	2,237	2,443	2,592						15,237
Total	2,914	3,182	3,460	3,108	3,559	3,867	3,949	0	0	0	0	0	24,039
2022 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,053	979	1,179	1,060	1,113	1,136	1,115	1,197	1,057	1,137	977	1,233	13,235
# of Non-Emergency Calls	1,944	1,782	1,983	1,986	2,273	2,343	2,260	2,481	2,124	2,198	2,140	2,122	25,616
Total	2,997	2,740	3,162	3,046	3,386	3,479	3,375	3,678	3,181	3,335	3,117	3,355	38,851

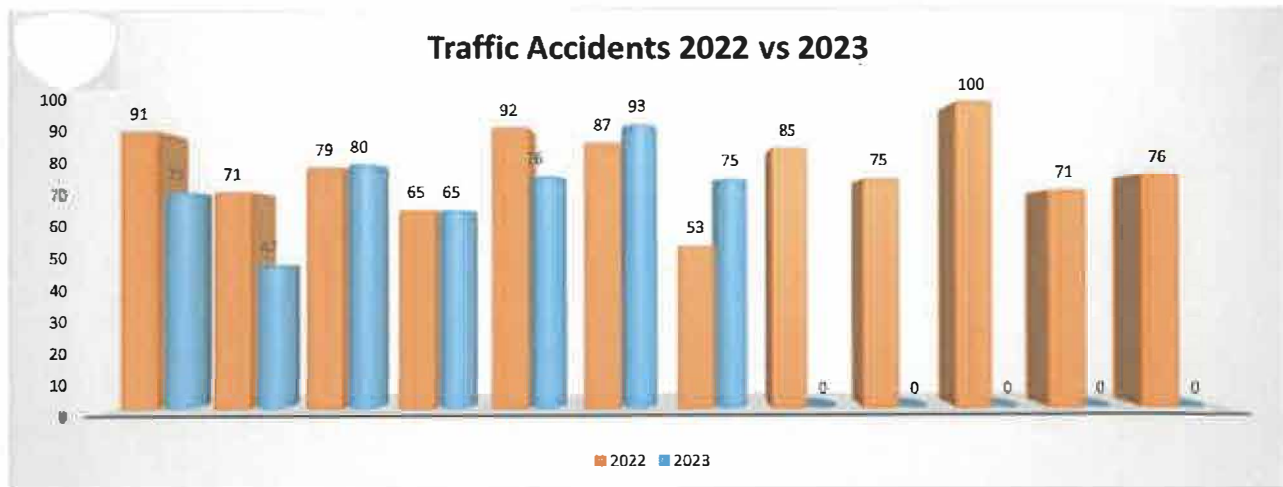


2.2.1 Standard for answering 9-1-1 Calls

Ninety percent (90%) of all 9-1-1 calls arriving at the Public Safety Answering Point (PSAP) SHALL be answered within (\leq) fifteen (15) seconds. Ninety-five (95%) of all 9-1-1 calls SHOULD be answered within (\leq) twenty (20) seconds. A call flow diagram is available in Exhibit A.

% answer time 15 seconds	97.73%
% answer time 20 seconds	98.51%

TRAFFIC ACCIDENT SUMMARY													
2023	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0						0
Personal Injury	8	7	13	7	14	10	15						74
Property Damage	54	32	51	49	46	68	51						351
Private Property	8	8	15	9	15	15	9						79
Hit and Run	1	0	1	0	1	0	0						3
Total	71	47	80	65	76	93	75	0	0	0	0	0	507
2022	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	14	4	9	6	13	6	8	18	8	19	14	8	127
Property Damage	58	59	53	44	63	61	37	47	56	61	47	62	648
Private Property	18	8	16	15	16	19	8	20	11	20	9	0	160
Hit and Run	1	0	1	0	0	1	0	0	0	0	1	6	10
Total	91	71	79	65	92	87	53	85	75	100	71	76	945



PATROL OPERATIONS / TRAFFIC VIOLATION SUMMARY

January 1, 2023 through December 31, 2023													
2023	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	0	2	5	3	7	10	6						33
Speed	61	51	51	39	42	50	27						321
Commercial	3	1	1	0	4	3	1						13
Traffic Stops	403	353	401	337	405	448	302						2 649

Enforcement Actions													
2023	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	5	6	4	8	4	6	6						40
Misdemeanor	42	27	36	29	34	43	39						250
Citations	190	173	196	151	195	217	148						1 270
Total	238	206	236	188	233	266	193	0	0	0	0	0	1 560

January 1, 2022 through December 31, 2022													
2022	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	3	5	6	1	2	9	12	6	5	6	6	10	71
Speed	47	33	33	34	46	24	23	41	54	42	32	33	442
Commercial	0	0	0	0	0	0	0	0	0	0	0	2	2
Traffic Stops	299	251	386	265	359	278	375	309	335	303	187	200	3 547

Enforcement Actions													
2022	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	21	4	14	8	7	6	11	11	6	4	26	5	121
Misdemeanor	35	27	37	21	49	39	33	42	36	33	52	25	429
Citations	146	126	139	135	182	97	130	133	147	162	119	96	1 612
Total	202	167	190	162	238	142	174	186	189	199	197	126	2 162

Directed Enforcement													
2023	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Directed Enforcement			196	190	180	176	159						901
ICE patrolling (no enforcement) began in March													
													0

Latest News:

Training provided by the Plymouth Township Police Department.

ACTIVE SHOOTER TRAINING:

Practical tips to help you and your staff respond to an active assailant situation. 1-Hour Seminar offered for local businesses, schools, daycares, and house of worship.

POLICE LINE DO NOT CROSS

Contact Sgt. J. Hayes (734) 354-3274 to schedule a seminar.

FOIA Monthly Report

Run Date: 08/01/2023 8:00 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
7/5/2023	Little & Boylan, PLLC	Ms. Tara Hamilton	Other	
7/6/2023	Kukun / (www.mykukun.com)	Ms Nelja Holmquist	Building	
7/7/2023	Partner Engineering	Margie Lathrop	Assessing Records Building Fire Report	
7/10/2023	Search...	Project Assessor Steve Cooper	Assessing Records Fire Report Planning Zoning	
7/11/2023	SME	Mrs. Julia Mehta	Environmental Fire Report	
7/11/2023	Outside Legal Counsel	Philip Ellison	Fire Report Other	
7/11/2023	Boulahanis & Associates P.C.	Gregory Boulahanis	Other	
7/11/2023	Applied Environmental	Ms. Erin Hull	Assessing Records Building Fire Report Planning	
7/11/2023	Law Office of Julian J Poota, PLLC	Julian Poota	Police Records Other	
7/13/2023	Kecskes, Gadd & Parker, PC	Mr. Keith Kecskes	Police Records Other	
7/17/2023	Law Office of Julian J Poota, PLLC	Julian Poota	Police Records Other	
7/18/2023		Craig Seldan	Assessing Records	
7/20/2023		Erica Elias	Planning Other	
7/24/2023	Kecskes, Gadd & Parker, P.C.	Mr. Michael Bartnicki	Building	
7/26/2023		John MOrgan	EMS Report Fire Report	
Total Requests: 15				Total Dollars: 0

FOIA Monthly Report

Run Date: 08/01/2023 9:46 AM

Reference No	Create Date	Request Status	Assigned Dept	Company Name	Customer Full Name	Type of Information Requested	Total Fees Charged (\$)	Amount of Payment
W004182-073123	7/31/2023	New Request	Police Department		HAITAM ABDI	Police Records	0.00	
W004159-071123	7/11/2023	Partial Release	Police Department	Aldrich Legal Service	Lisa Aldrich	Police Records	0.00	
W004165-071723	7/17/2023	Partial Release	Police Department		DEBORAH BASISTA	Police Records	0.00	
W004157-071123	7/11/2023	Cost Estimate Sent	Police Department	Boulahanis & Associates P.C.	Gregory Boulahanis	Other	0.00	
W004154-071123	7/11/2023	No Records Exist	Police Department	Concordia University	Kam DeLano	Police Records	0.00	
W004180-072723	7/27/2023	Assigned	Police Department		Mr Eric Flora	Police Records	0.00	
W004167-071723	7/17/2023	Waiting for Payment	Police Department	Progressive Insurance	Admin John Gloskey	Police Records	4.00	
W004146-070323	7/3/2023	Partial Release	Police Department		JOHN GREACEN	Police Records	0.00	
W004161-071223	7/12/2023	Partial Release	Police Department		Ms. Kathy Gu	Police Records	0.00	
W004151-071023	7/10/2023	No Records Exist	Police Department		SUSAN HOBBS	Police Records	0.00	
W004164-071323	7/13/2023	Waiting for Payment	Police Department	Kecskes, Gadd & Parker, PC	Mr. Keith Kecskes	Police Records Other	2.38	
W004171-072123	7/21/2023	Payment Received	Police Department		KHALID KOMIS	Police Records	0.00	219.88
W004177-072523	7/25/2023	Partial Release	Police Department		Ms Becky Krupa	Police Records	0.00	
W004174-072423	7/24/2023	Partial Release	Police Department		COL Kathleen Morrison	Police Records	0.00	
W004162-071223	7/11/2023	Withdrawn	Police Department	Law Offices of Jose R Fanego	Shelly O'Brien	Police Records	0.00	
W004179-072723	7/27/2023	Assigned	Police Department	Vanguard Auto Sales LLC	Title Clerk Marie Parker	Police Records	0.00	
W004173-072123	7/21/2023	Partial Release	Police Department		Rebecca Polite	Police Records	0.00	
W004160-071123	7/11/2023	Full Release	Police Department	Law Office of Julian J Poota, PLLC	Julian Poota	Police Records Other	0.00	
W004166-071723	7/17/2023	Full Release	Police Department	Law Office of Julian J Poota, PLLC	Julian Poota	Police Records Other	0.00	
W004176-072423	7/24/2023	Partial Release	Police Department		Tracie Richard	Police Records	0.00	
W004172-072123	7/21/2023	Full Release	Police Department	Michigan Bureau of Professional Licensing Complaint Intake Section	Department Technician Elaine Riley	Police Records	0.00	
W004152-071023	7/10/2023	Partial Release	Police Department		Sunnie Schweim	Police Records	0.00	
W004149-070723	7/7/2023	Time Extension	Police Department	First Step	First Step	Police Records	0.00	

Reference No	Create Date	Request Status	Assigned Dept	Company Name	Customer Full Name	Type of Information Requested	Total Fees Charged (\$)	Amount of Payment
W004181-073123	7/31/2023	Assigned	Police Department		TERRI TOTH	Police Records	0.00	
W004170-072123	7/21/2023	Partial Release	Police Department	New Way Realty	Realtor Jonne Tyler-Washington	Police Records	0.00	
W004183-073123	7/31/2023	Assigned	Police Department	Miller & Tischler, P.C.	Ms. Amanda Winagar	Police Records	0.00	
W004184-073123	7/31/2023	Assigned	Police Department	Miller & Tischler, P.C.	Ms. Amanda Winagar	Police Records	0.00	
W004163-071323	7/13/2023	Partial Release	Police Department		MANDY WOOD	Police Records	0.00	
Total Requests:							6.38	Total Dollars:
28								219.88

BOARD DATE

8/22/2023

D.4

FUND NAME	FUND NUMBER	TOTAL INC PAYROLL	PAYROLL & INVOICES PAID PRIOR TO MEETING	INVOICES PAID AFTER BOARD REVIEW
GENERAL FUND	101	1,443,235.37	1,200,372.53	242,862.84
DRUG FORFEITURE	262	-	-	-
DRUG FORFEITURE	265	16,716.15	-	16,716.15
DRUG FORFEITURE	266	85.26	85.26	-
ARPA	285	183,710.87	96,838.87	86,872.00
IMPROV. REV.	446	-	-	-
TRANSPORATION	588	8,519.04	8,358.18	160.86
WATER & SEWER	592	908,964.41	334,191.04	574,773.37
SWD	596	125,381.33	7,797.20	117,584.13
TAX POOL	703	2,370.14	2,370.14	-
POLICE BOND FUND	710	500.00	500.00	-
SPECIAL ASSESS CAPITAL	805	-	-	-
	TOTAL	2,689,482.57	1,650,513.22	1,038,969.35

GRAND TOTAL 2,689,482.57

BR 8/16/23 Page: 1/13

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

Advanced Satellite Communications		Invoice Amount:	\$833.00
# 50851 ASC - ASSESSING EMERGENCY PANIC B		Check Date:	08/22/2023
101-257-801.000	#50851 - ASSESSING PANIC BUTTON		833.00
AIRGAS USA, LLC		Invoice Amount:	\$462.59
INV# 9140787979 OXYGEN		Check Date:	08/22/2023
101-336-773.000	INV# 9140787979 OXYGEN USP 125 CGA		119.57
101-336-773.000	OXYGEN USP MEDICAL PURE 200 CGA		278.52
101-336-773.000	DELIVERY FLAT FEE		46.50
101-336-773.000	FUEL CHARGE		18.00
AIRGAS USA, LLC		Invoice Amount:	\$645.65
INV# 5500937832 7/1/23 TO 7/31/23 CYLINDER		Check Date:	08/22/2023
101-336-773.000	INV# 5500249970 OXYGEN MED LRG		454.19
101-336-773.000	MED XS		88.35
101-336-773.000	HAZMAT		103.11
AMAZON CAPITAL SERVICES, INC.		Invoice Amount:	\$50.00
INV. 1XFJ-WQ3Y-LNT3 8/1/2023 WHITE TYVEK S		Check Date:	08/22/2023
101-301-752.000	DVD/CD ENVELOPES FOR PROPERTY ROOM		50.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$20.99
INV. 93506 7/31/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/22/2023
101-301-767.000	UNIFORM BADGE CLIP		20.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$49.99
INV. 93507 7/31/2023 UNIFORM EQUIPMENT/CO		Check Date:	08/22/2023
101-325-767.000	UNIFORM FLEECE COAT		49.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$149.99
INV. 93476 7/31/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/22/2023
101-301-767.000	UNIFORM BOOTS		149.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$780.00
INV. 93478 7/31/2023 BODY ARMOR LEVEL AXII		Check Date:	08/22/2023
101-301-767.000	SERIAL 230000165156/230000165214		780.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$74.99
INV. 93594 8/7/2023 UNIFORM EQUIPMENT/OFF		Check Date:	08/22/2023
101-301-767.000	UNIFORM DUTY BELT		74.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$103.98
INV. 93685 8/11/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/22/2023
101-301-767.000	UNIFORM S/S SHIRT		103.98
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$67.98
INV. 93687 8/11/2023 UNIFORM EQUIPMENT/PS		Check Date:	08/22/2023
101-325-767.000	UNIFORM HANDCUFFS		34.99
101-325-767.000	UNIFORM CUFF CASE		32.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$780.00
INV. 93684 8/11/2023 BODY ARMOR LEVEL AXII		Check Date:	08/22/2023
101-301-767.000	SERIAL 230000165328/230000165342		780.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$780.00
INV. 93686 8/11/2023 BODY ARMOR LEVEL AXII		Check Date:	08/22/2023
101-301-767.000	SERIAL 230000165216/230000165220		780.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$15.00
INV. 93688 8/11/2023 UNIFORM EQUIPMENT/SE		Check Date:	08/22/2023
101-301-767.000	UNIFORM SIDE/SAP POCKET ADDED TO PANT		15.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$82.49
INV. 93689 8/11/2023 UNIFORM EQUIPMENT/PS		Check Date:	08/22/2023
101-325-767.000	UNIFORM JOB SHIRT		82.49
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$45.99
INV. 93690 8/11/2023 UNIFORM EQUIPMENT - O		Check Date:	08/22/2023
101-301-767.000	UNIFORM UNDERVEST SHIRT S/S		45.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$89.99
INV. 93691 8/11/2023 UNIFORM EQUIPMENT - O		Check Date:	08/22/2023
101-301-767.000	UNIFORM PANTS		74.99
101-301-767.000	UNIFORM SIDE/SAP POCKET		15.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$57.99
INV. 93697 8/11/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/22/2023
101-301-767.000	UNIFORM O.C. HOLDER		19.99
101-301-767.000	UNIFORM BATON HOLDER		38.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$160.98
INV. 93699 8/11/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/22/2023
101-301-767.000	UNIFORM O.C. HOLDER		19.99
101-301-767.000	UNIFORM BATON/FLASHLIGHT HOLDER		38.00
101-301-767.000	UNIFORM RADIO HOLDER		36.00
101-301-767.000	UNIFORM FLASHLIGHT POUCH		22.00
101-301-767.000	UNIFORM CUFF POUCH		26.00
101-301-767.000	UNIFORM I.D. PANEL		18.99
AutoZone, Inc.		Invoice Amount:	\$44.67
INV# 4382855520 WINDSHIELD WIPERS LADDE		Check Date:	08/22/2023
101-336-863.000-20	INV# 4382855520 WINDSHIELD WIPERS		44.67
Azteca Systems, LLC		Invoice Amount:	\$23,665.00
CITYWORKS LICENSE AGREEMENT 9/15/2023 - 9		Check Date:	08/22/2023
592-537-831.000	CITYWORKS LICENSE AGREEMENT 9/23-9/24		23,665.00
BENNETT & DEMOPOULOS, PLLC		Invoice Amount:	\$12,201.63
LEGAL SERVICES - BILLING FOR 7/23 SERVICES		Check Date:	08/22/2023
101-261-807.000	ORDINANCE PROSECUTIONS		5,827.50
101-701-806.000	COMMUNITY DEVELOPMENT (MINUS ESCROW)		1,430.63
101-261-806.000	ADMINISTRATION		4,935.00
101-261-806.000	MISCELLANEOUS		8.50
BLACKWELL FORD INC.		Invoice Amount:	\$23.62
INV. 406186 6/5/2023 VEHICLE REPAIR/B45678		Check Date:	08/22/2023
101-301-863.000	TIRE PLUG		23.62
BLACKWELL FORD INC.		Invoice Amount:	\$316.45
INV. 408469 8/4/2023 VEHICLE REPAIR/B98508		Check Date:	08/22/2023
101-301-863.000	REPLACE BATTERY/OIL CHANGE		316.45
CINTAS CORPORATION - 300		Invoice Amount:	\$263.16
INV. 4164449259 8/11/2023 MAT SERVICE FOR P		Check Date:	08/22/2023
101-301-822.000	POLICE DEPARTMENT		159.66

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-265-822.000	TOWNSHIP HALL	103.50
CRAWFORD DOOR SALES		Invoice Amount:	\$240.00
INV # 25506254 CLUTCH SLIPPED/TIGHTENED C		Check Date:	08/22/2023
101-336-930.000	INV# 25506254 REPAIRED DOOR STA 1		240.00
Dell Financial Services, LLC		Invoice Amount:	\$264.48
# 2769144 -- DELL - LEASE # 001-6755980-12 -P		Check Date:	08/22/2023
101-336-940.000	FIRE DEPT. COMPUTERS		110.20
588-596-940.000	SENIOR TRANS COMPUTERS		22.04
592-536-940.000	PUBLIC SERVICES COMPUTERS		44.08
592-537-940.000	PUBLIC WORKS COMPUTERS		88.16
Dell Financial Services, LLC		Invoice Amount:	\$198.49
INV # 276577 - DELL SERVICES - LEASE # 810-6		Check Date:	08/22/2023
101-253-940.000	TREASURY		44.12
101-191-940.000	ACCOUNTING		22.06
101-371-940.000	BUILDING DEPT		11.03
101-265-940.000	TWP HALL AND GROUNDS		11.02
101-215-940.000	CLERK		44.12
101-262-940.000	ELECTIONS		22.06
101-228-940.000	INFO SYSTEMS		22.04
101-171-940.000	SUPERVISOR'S OFFICE		22.04
Dell Financial Services, LLC		Invoice Amount:	\$42.12
INV # 2767943 - DELL SERVICES - LEASE # 001-		Check Date:	08/22/2023
101-257-940.000	ASSESSING		17.55
101-371-940.000	BUILDING DEPT		10.53
101-191-940.000	ACCOUNTING DEPT		3.51
592-536-958.000	PUBLIC SERVICES - DPS		3.51
596-528-940.000	RUBBISH		3.51
101-673-940.000	SENIOR SERVICES		3.51
Dell Financial Services, LLC		Invoice Amount:	\$2.68
INVOICE # 2767824- LEASE # 001-6755980-000		Check Date:	08/22/2023
101-701-940.000	#2767824 - PPT		2.68
Dell Financial Services, LLC		Invoice Amount:	\$42.11
INVOICE # 2746897- LEASE # 001-6755980-007-		Check Date:	08/22/2023
101-371-940.000	BUILDING DEPT		21.05
101-171-940.000	HUMAN RESOURCES		21.06
Dell Financial Services, LLC		Invoice Amount:	\$7.02
INVOICE # 2768408 - LEASE # 001-6755980-007		Check Date:	08/22/2023
101-371-940.000	BUILDING DEPT		3.51
101-171-940.000	HUMAN RESOURCES		3.51
Dell Financial Services, LLC		Invoice Amount:	\$33.84
# 2767738 - DELL SERVICES - LEASE # 001-6755		Check Date:	08/22/2023
592-536-940.000	PUBLIC SERVICES		7.52
592-537-940.000	PUBLIC WORKS		13.16
101-336-940.000	FIRE DEPT		13.16
Detroit Legal News Publishing, LLC		Invoice Amount:	\$175.00
INVOICE # 1792472 CLASSIFIED NEWS		Check Date:	08/22/2023
101-215-901.000	SES PUBLIC HEARING NOTICE 7-26--23		175.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

Detroit Legal News Publishing, LLC		Invoice Amount:	\$175.00
INVOICE # 1792471 CLASSIFIED NEWS		Check Date:	08/22/2023
101-737-901.000	PUD PUBLIC HEARING NOTICE		175.00
DON'S SMALL ENGINE REPAIR, INC		Invoice Amount:	\$32.88
INV. # 66826 - CHAIN SAW SEMI CHISEL & SHA		Check Date:	08/22/2023
101-751-931.000	INV. # 66826- PARKS		32.88
EctoHR, Inc.		Invoice Amount:	\$3,150.00
INV. # 14121- ECTOHR - LEADERSHIP TRAININ		Check Date:	08/22/2023
101-336-958.000	14121 - VILLET TRAINING		1,700.00
101-336-958.000	14121 - C SMITH TRAINING		1,450.00
EctoHR, Inc.		Invoice Amount:	\$10,122.13
INV. # 14097 - ECTOHR - JULY 2023 SERVICES -		Check Date:	08/22/2023
101-171-805.000	14097- JULY 2023 SERVICES		10,122.13
ELLSWORTH INDUSTRIES		Invoice Amount:	\$3,794.02
#24992		Check Date:	08/22/2023
592-537-938.000	46720		1,478.54
592-537-938.000	46721		1,455.53
592-537-938.000	46722		859.95
FEDEX		Invoice Amount:	\$47.65
INV. 8-203-80200 7/26/2023 PACKAGE SHIPPED		Check Date:	08/22/2023
101-301-851.000	RMA CENTER/SARAH DRIELTS		47.65
FIRE SERVICE MANAGEMENT		Invoice Amount:	\$60.00
INV# 35402 3/20/23 TO 4/20/2023 / TEDERINGT		Check Date:	08/22/2023
101-336-767.000	INV# 35402 GEAR RENTAL 1 MONTH EXT		60.00
GFL Environmental USA, Inc.		Invoice Amount:	\$111,402.60
#62142099 GFL RESIDENTIAL COLLECTION FEE		Check Date:	08/22/2023
596-528-815.000	CURBSIDE COLLECTION TRASH		62,188.60
596-528-815.000	CURBSIDE COLLECTION RECYCLING		35,792.00
596-528-815.000	CURBSIDE COLLECTION YARD WASTE		13,422.00
GFL Environmental USA, Inc.		Invoice Amount:	\$5,134.27
#1661574-7/23 GFL YARD WASTE DISPOSAL FEE		Check Date:	08/22/2023
596-528-815.000	208.71 TONS @ 24.60/TON - JUN 2023		5,134.27
GFL Environmental USA, Inc.		Invoice Amount:	\$914.49
#0062147721 TWP FACILITIES - JUL 2023		Check Date:	08/22/2023
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	HILLTOP GOLF COURSE - TRASH/RECYCLE		182.72
101-751-824.000	TOWNSHIP PARK - TRASH/RECYCLE		307.43
GFL Environmental USA, Inc.		Invoice Amount:	\$789.00
#0061142128 SUB CLEANUP DUMPSTER - DPW R		Check Date:	08/22/2023
596-528-815.000	COLONY FARMS		425.00
596-528-816.000	RECYCLE DUMPSTER PULL - 05/12/23		364.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

GFL Environmental USA, Inc. #0062192142 DPW RECYCLE CENTER 596-528-816.000	Invoice Amount: \$182.00 Check Date: 08/22/2023 182.00 CARDBOARD/PAPER - DUMPSTER PULL 07/31/
Great Lakes Ace Hardware INV# 9350/87 GRILL BRUSH FOR STA 1 101-336-757.000	Invoice Amount: \$13.29 Check Date: 08/22/2023 13.29 INV# 9350/87 GRILL CLEANING BRUSH
Great Lakes Ace Hardware INV# 9358/87 THREADLOCKER 101-336-757.000	Invoice Amount: \$9.11 Check Date: 08/22/2023 9.11 INV# 9358/87 THREADLOCKER
Great Lakes Ace Hardware INV # 9379/87-- MISC. SUPPLIES (SEE ATTACHE 101-751-757.000	Invoice Amount: \$103.09 Check Date: 08/22/2023 103.09 INV # 9379/87 -
GreatAmerica Financial Services SHARP COPIER - STANDARD PAYMENT, SUPPLY F 101-262-940.000 101-215-940.000	Invoice Amount: \$477.48 Check Date: 08/22/2023 100.00 377.48 STANDARD PAYMT INV# 34600714 STANDARD PAYMT INV# 34600714
Great Lakes Water Authority GLWA - JUNE 2023 WATER USAGE (DETAILS AT 592-538-829.000 592-538-829.000	Invoice Amount: \$506,524.53 Check Date: 08/22/2023 265,824.53 240,700.00 WATER USAGE CHARGE WATER FIXED MONTHLY CHARGE
HALT FIRE INC INV# S0100456 NEW ANTENNA/ NEW AERIAL M 101-336-863.000-20	Invoice Amount: \$4,009.93 Check Date: 08/22/2023 4,009.93 INV# S0100456 LABOR & REPAIR
Howe Auto Body, Inc. INV. 112863 8/11/2023 VEHICLE REPAIR 2020 D 101-301-863.000	Invoice Amount: \$1,741.20 Check Date: 08/22/2023 1,741.20 VEHICLE REPAIR
HUMANE SOCIETY OF HURON VALLEY INV. 202307 7/31/2023 STRAY IMPOUND SERVIC 101-301-836.000	Invoice Amount: \$50.00 Check Date: 08/22/2023 50.00 STRAY IMPOUND SERVICES
HYDRO CORP CROSS CONNECTION RESIDENTIAL - JULY 23 #0 592-537-826.000	Invoice Amount: \$7,734.00 Check Date: 08/22/2023 7,734.00 CROSS CONNECTION RESIDENTIAL JULY 23
HYDRO CORP CROSS CONNECTION CONTROL JULY 23 #00734 592-537-826.000	Invoice Amount: \$1,786.50 Check Date: 08/22/2023 1,786.50 CROSS CONNECTION PROGRAM JUL 23 #0073
HYDRO CORP CROSS CONNECTION CONTROL JUNE 23 #00729 592-537-826.000	Invoice Amount: \$1,786.50 Check Date: 08/22/2023 1,786.50 CROSS CONNECTION PROGRAM JUN 23 #0072
HYDRO CORP CROSS CONNECTION RESIDENTIAL - JUNE 23 #0 592-537-826.000	Invoice Amount: \$7,734.00 Check Date: 08/22/2023 7,734.00 CROSS CONNECTION RESIDENTIAL JUNE 23
Indigital QUOTE 1/3/2023 INDIGITAL 2 PHONE MEVO AN 101-325-970.000	Invoice Amount: \$1,367.43 Check Date: 08/22/2023 1,367.43 MEVO SERVICE

Charter Township of Plymouth

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INDigital		Invoice Amount:	\$5,815.27
QUOTE 1/3/2023 INDIGITAL 2 PHONE MEVO AN		Check Date:	08/22/2023
101-325-970.000	MEVO ANYWHERE		4,395.27
101-325-970.000	CONFIGURATION AND TRAINING		1,420.00
IPS Drug Testing, LLC		Invoice Amount:	\$150.00
INV # 2023080737713153 -- DPW TESTING (DET		Check Date:	08/22/2023
592-537-835.000	INV # 2023080737713153 - DPW 7/23		150.00
IRON MOUNTAIN		Invoice Amount:	\$255.81
IRON MOUNTAIN STORAGE 08/01/23		Check Date:	08/22/2023
101-215-801.000	INVOICE HSKJ432		255.81
J & B MEDICAL SUPPLY INC		Invoice Amount:	\$1,485.14
MASTER ORDER 420 SUB-ORDER (S) 421		Check Date:	08/22/2023
101-336-773.000	COLD PACK RAPID,5-1/2X10-1/2		119.34
101-336-773.000	CONTROL SOLUTION,GDH HIGH,FOR GD50		14.04
101-336-773.000	CONTROL SOLUTION,GDH LOW FOR GD50		14.04
101-336-773.000	COVIDIEN MEDI-TRACE CADENCE DEFIB ELEC		361.25
101-336-773.000	COVIDIEN TRANSPORT SHARPS CONTAINERS		118.83
101-336-773.000	FLEX-ALL SPLINT ORANGE 4X36 MOLDABLE		75.00
101-336-773.000	FORACARE CONTROL SOLUTION GDH NORMAL		14.04
101-336-773.000	GD5050 BLOOD GLUCOSE TEST STRIPS,50/BO		82.50
101-336-773.000	MICRODOT ORAL GLUCOSE/ FOREST FRUIT FL		63.90
101-336-773.000	NITRIDERM ULTRA LRG NITRILE EXAM GLOV		166.60
101-336-773.000	NITRIDERM ULTRA X-LRG NITRILE EXAM GLOV		166.60
101-336-773.000	SKINTACT F550 FOAM WET GEL ELECTRODES		289.00
J & B MEDICAL SUPPLY INC		Invoice Amount:	\$189.86
MASTER ORDER 420 SUB-ORDER (S) 421		Check Date:	08/22/2023
101-336-773.000	BEMIS SHARPS CONTAINERS SHA		189.86
J & B MEDICAL SUPPLY INC		Invoice Amount:	\$369.72
INV# 1447532 MEDICAL SUPPLIES		Check Date:	08/22/2023
101-336-773.000	INV# 1447532 H&H EMER CRICOTHYROTOMY		369.72
Joe's Trailer Manufacturing Inc.		Invoice Amount:	\$3,625.80
TIRES WHEELS BRAKES TRAILER PADS #101780		Check Date:	08/22/2023
592-537-931.000	TIRES WHEELS BRAKES TRAILER PADS #1017		3,625.80
Kimball Midwest		Invoice Amount:	\$264.40
7/24/23		Check Date:	08/22/2023
592-537-757.000	INVOICE #101274146		264.40
Kimball Midwest		Invoice Amount:	\$332.15
7/24/23		Check Date:	08/22/2023
592-537-757.000	INVOICE #101275581		332.15
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$150.00
FIREWALL MONITORING AUG 2023 - INVOICE#		Check Date:	08/22/2023
101-261-831.000	FIREWALL MONITORING - AUG 2023		150.00
KNIGHT TECHNOLOGY GROUP, INC.		Invoice Amount:	\$1,500.00
DATTO CLOUD BACKUP SUBSCRIPTION FOR 202		Check Date:	08/22/2023
101-261-831.000	CLOUD BACKUP MONTHLY SUBSCRIPTION-202		1,500.00

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KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$433.67
3 HOLE PUNCH - DIFF 298.98 INV 286977733	Check Date:	08/22/2023
592-536-970.000	3 HOLE PUNCH - DIFF 298.98 INV 286977733	433.67
KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$(298.98)
CR # 51217809 CREDIT - RETURN PK-524 2/3 PU	Check Date:	08/22/2023
592-536-970.000	CREDIT - RETURN PK-524 2/3 PUNCH	(298.98)
KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$11.19
INV # 2884411422 - PRINTER - ASSESSOR - - JU	Check Date:	08/22/2023
101-257-934.000	INV # 288441142 PRINTER - ASSESSOR 7/23	11.19
KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$85.33
INV. # 288454717- PRINTER/COPIER - SUPERVI	Check Date:	08/22/2023
101-171-934.000	7/23 USE SUPERVISOR (2/3)	56.32
101-215-934.000	7/23 USE CLERK (1/3)	29.01
KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$5.61
KONICA MINOLTA #288505361 7/31/23 DPW PO	Check Date:	08/22/2023
592-537-934.000	KONICA MINOLTA - COVERAGE	5.61
KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$120.71
KONICA MINOLTA #288505858 7/31/23 C550I 2	Check Date:	08/22/2023
101-171-934.000	KONICA MINOLTA -C550I COVERAGE	25.35
101-228-934.000	KONICA MINOLTA - COVERAGE	4.83
101-701-934.000	KONICAL MINOLTA - COVERAGE	6.04
596-528-934.000	KONICA MINOLTA - COVERAGE	6.04
592-536-934.000	KONICA MINOLTA - COVERAGE	78.45
KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$85.82
KONICA MINOLTA #288441157 7/31/23 C454E 2	Check Date:	08/22/2023
101-171-934.000	KONICA MINOLTA - C454E COVERAGE	18.02
101-228-934.000	KONICA MINOLTA - COVERAGE	3.43
101-701-934.000	KONICAL MINOLTA - COVERAGE	4.29
596-528-934.000	KONICA MINOLTA - COVERAGE	4.29
592-536-934.000	KONICA MINOLTA - COVERAGE	55.79
KONICA MINOLTA BUSINESS SOLUTIONS	Invoice Amount:	\$152.15
INV. 9009448036 7/25/2023 MAINT. AGREEMEN	Check Date:	08/22/2023
101-301-934.000	6/26/2023 - 7/25/2023 COVERAGE DATES	152.15
LARSON, OSCAR W. CO.	Invoice Amount:	\$583.91
#926727 8/4/23 230717-0226	Check Date:	08/22/2023
592-537-801.000	PARTS AND LABOR	583.91
Lunghamer Ford of Owosso, LLC	Invoice Amount:	\$55,640.00
INV # BC136 -- 2023 FORD TRANSIT VAN - SENI	Check Date:	08/22/2023
285-000-970.000-20	INV# BC 136 - SENIOR FAN 2023 FORD TRANS	55,640.00
MACP	Invoice Amount:	\$115.00
INV. 300009567 8/3/2023 MEMBERSHIP DUES FO	Check Date:	08/22/2023
101-301-957.000	2023 ACTIVE VOTING MEMBERSHIP DUES	115.00
MACP	Invoice Amount:	\$1,000.00
INV. 300009440 8/2/2023 MACP ACCREDITED AG	Check Date:	08/22/2023
101-301-957.000	LEVEL C/NO CALEA - CONTINUATION FEE	1,000.00

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M H R BILLING SERVICES		Invoice Amount:	\$1,431.00
INV# 4445 MONTHLY BILLING /TRANSPORT		Check Date:	08/22/2023
101-336-825.000	INV# 4445 MONTHLY BILLING		1,431.00
MacAllister Rentals		Invoice Amount:	\$819.00
#R86531620601 7/29/23		Check Date:	08/22/2023
592-537-940.000	TRAILER		800.00
592-537-940.000	ENVIRONMENTAL FEE		19.00
MAIN STREET AUTO WASH		Invoice Amount:	\$505.00
JULY CAR WASHES 2023		Check Date:	08/22/2023
101-301-863.000	Police Vehicles		455.00
101-336-863.000	Fire Admin. Vehicles		45.00
101-371-863.000	Building Vehicles		5.00
MAPLES ENVIRONMENTAL PEST CONTROL		Invoice Amount:	\$185.00
QUARTELY PEST CONTROL PLYMOUTH TWP POL		Check Date:	08/22/2023
101-301-823.000	QUARTERLY PEST CONTROL 8/5/23		185.00
MAPLES ENVIRONMENTAL PEST CONTROL		Invoice Amount:	\$185.00
QUARTELY PEST CONTROL PLYMOUTH TWP OFF		Check Date:	08/22/2023
101-265-823.000	QUARTERLY PEST CONTROL 8/5/23		185.00
MARK'S OUTDOOR POWER EQUIPMENT		Invoice Amount:	\$143.44
INV # 244304 -BELT FOR Z TURN #3 - PARKS		Check Date:	08/22/2023
101-751-757.000	# 244304 - BELT FOR Z TURN #3		143.44
MCKENNA ASSOCIATES INC		Invoice Amount:	\$6,325.75
# 90047-82- PROFESSIONAL SERVICES JULY 202		Check Date:	08/22/2023
101-701-804.000	SERV - SENIOR PLANNER 3.00 HOURS		330.00
101-701-804.000	SERV. ASSOCIATE PLANNER - 5.00 HOURS		340.00
101-701-804.000	#2488 - PUD OPTION 40700 AA RD, REV. #1		970.00
101-701-804.000	1440 S. SHELDON RD - CHENNAI EXPRESS ARC		200.00
101-701-804.000	#2490 - 47135 FIVE MILE RD - ADMIN REV 1		650.00
101-701-804.000	LANDSCAPE INSP - ST JOHNS RESORT PAVILLIO		350.00
101-701-804.000	LANDSCAPE FEE - ST JOHNS PUMP HOUSE		350.00
101-701-804.000	LANDSCAPE - EOTECH 46900 PORT STREET		350.00
101-701-804.000	LANDSCAPE - EZ STORAGE - 14415 SHELDON		350.00
101-701-804.000	LANDSCAPE - HENRY FORD HEALTH		175.00
101-701-804.000	JOINT PARK & REC MASTER PLAN		2,260.75
MCKENNA ASSOCIATES INC		Invoice Amount:	\$4,504.50
INVOICE # 21702-82-- PROFESSIONAL SERVICE		Check Date:	08/22/2023
101-701-804.000	21702-82 -- 10.50 HALF DAY		3,990.00
101-701-804.000	21702-82 - .70 FULL DAY		514.50
MCPARLAND, JEFF		Invoice Amount:	\$73.31
MEAL REIMBURSEMENT - TASER RECERTIFICATI		Check Date:	08/22/2023
101-301-958.000	DINNER 8-1-2023		29.16
101-301-958.000	FUEL 8-2-2023		44.15
M M L WORKER'S COMPENSATION FUND		Invoice Amount:	\$34,485.00
#9992206 - WORKERS COMP POLICY PREMIU		Check Date:	08/22/2023
588-596-720.000	TRANSPORTATION SYSTEM FUND		138.82
592-537-720.000	WATER OPERATIONS-PUBLIC WORKS		3,065.57
101-336-720.000	FIREFIIGHTERS		18,133.14
101-301-720.000	POLICE		7,621.13

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101-325-720.000	DISPATCH	2,950.11
101-351-720.000	JAIL/CORRECTIONS	245.84
592-536-720.000	DPS-CLERICAL OFFICE WORKERS	353.72
101-171-720.000	SUPERVISOR	124.84
101-228-720.000	INFORMATION SERVICES	124.84
101-215-720.000	CLERK	249.68
101-191-720.000	ACCOUNTING	187.26
101-262-720.000	ELECTIONS	62.42
101-253-720.000	TREASURER	187.26
101-265-720.000	TWP HALL/GROUNDS	62.42
596-528-720.000	RUBBISH COLLECTION	62.42
101-101-720.000	ELECTED OFFICIALS-BOARD	14.44
101-371-720.000	BUILDING	322.25
101-751-720.000	PARKS & RECREATION	578.84

MICHIGAN TOWNSHIPS ASSOCIATION		Invoice Amount:	\$70.00
# 220551 MTA - CLASSIFIED AD FOR FINANCE D		Check Date:	08/22/2023
101-191-801.000	#220551- FINANCE DIR. CLASSIFIED AD		70.00
MICHIGAN TOWNSHIPS ASSOCIATION		Invoice Amount:	\$140.00
# 211881 MTA - CLASSIFIED AD FOR CLERKS (2		Check Date:	08/22/2023
101-215-901.000	211881 - 2 CLASS ADS FOR CLERKS DEPT		140.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$482.40
#494518 8/4/23		Check Date:	08/22/2023
592-537-767.000	8/4/23 TEE SHIRTS FOR NEW STAFF		482.40
MICHIGAN LINEN SERVICE		Invoice Amount:	\$66.90
#494096 7/28/23		Check Date:	08/22/2023
592-537-767.000	7/28/23 UNIFORM CLEANING SERVICES - FEE		66.90
MICHIGAN LINEN SERVICE		Invoice Amount:	\$66.90
#494500 8/4/23		Check Date:	08/22/2023
592-537-767.000	8/4/23 UNIFORM CLEANING SERVICES - FEE		66.90
MICHIGAN LINEN SERVICE		Invoice Amount:	\$31.50
INV. 494850 8/10/2023 PRISONER BLANKET CLE		Check Date:	08/22/2023
101-351-822.000	BLANKET CLEANING		17.50
101-351-822.000	ENVIRONMENTAL FEE		10.00
101-351-822.000	TEMP FUEL SURCHARGE		4.00
Marquis Electrical Services		Invoice Amount:	\$1,320.00
DRIVE INSTALL #1012		Check Date:	08/22/2023
592-537-931.000	DRIVE INSTALL #1012		1,320.00
Marquis Electrical Services		Invoice Amount:	\$825.00
TROUBLESHOOT BREAKER #1011		Check Date:	08/22/2023
592-537-931.000	TROUBLESHOOT BREAKER #1011		825.00
Marquis Electrical Services		Invoice Amount:	\$7,360.00
"BOOSTER - PUMP VFD REPLACEMENT" #1013		Check Date:	08/22/2023
592-537-970.000	"BOOSTER - PUMP VFD REPLACEMENT" #1013		7,360.00
Mobile Communications America Inc.		Invoice Amount:	\$75.00
INV# 716000531-1 RESYNCD DRIVER HEADSET		Check Date:	08/22/2023
101-336-863.000-20	INV# 716000531-1 RESYNCD HEADSET		75.00

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MOTOROLA SOLUTIONS, INC.		Invoice Amount:	\$11,144.10
QUOTE #2008118 1/11/2023 MOTOROLA APX P		Check Date:	08/22/2023
101-325-970.000	MOTOROLA APX6000 PORTABLE RADIOS		5,392.50
101-325-970.000	ENH: MULTIKEY		544.50
101-325-970.000	P25 9600 BAUD TRUNKING		495.00
101-325-970.000	SMARTZONE OPERATION		1,980.00
101-325-970.000	AES/DES ENCRYPTION		1,230.60
101-325-970.000	ASTRO DIGITAL		850.50
101-325-970.000	5 YR ESSENTIAL SERVICE		612.00
101-325-970.000	1/4 WAVE 7/8 STUBBY		39.00
MOTOROLA SOLUTIONS, INC.		Invoice Amount:	\$16,716.15
QUOTE #2008118 1/11/2023 MOTOROLA APX P		Check Date:	08/22/2023
265-311-970.000	MOTOROLA APX6000 PORTABLE RADIOS		8,088.75
265-311-970.000	ENH: MULTIKEY		816.75
265-311-970.000	P25 9600 BAUD TRUNKING		742.50
265-311-970.000	SMARTZONE OPERATION		2,970.00
265-311-970.000	AES/DES ENCRYPTION		1,845.90
265-311-970.000	ASTRO DIGITAL		1,275.75
265-311-970.000	5 YR ESSENTIAL SERVICE		918.00
265-311-970.000	1/4 WAVE 7/8 STUBBY		58.50
OFFICE DEPOT		Invoice Amount:	\$176.20
ORDER # 324290941-001 CHAIR MATS FOR THE		Check Date:	08/22/2023
101-336-752.000	ORDER # 324290941-001 CHAIR MATS		176.20
OFFICE DEPOT		Invoice Amount:	\$476.63
INV. 322577136001 7/24/2023 OFFICE SUPPLIES		Check Date:	08/22/2023
101-301-757.000	GLASS CLEANER		6.99
101-301-752.000	USB 64GB		119.96
101-301-757.000	MY PORTABLE HARD DRIVE 2T		255.20
101-301-757.000	MY PORTABLE HARD DRIVE 1T		94.48
Planet Technologies, Inc.		Invoice Amount:	\$26,608.20
OFFICE 365 SUBSCRIPTION RENEWAL - 2023 Q		Check Date:	08/22/2023
101-301-831.000	EXCHANGE ONLINE PLAN 2 GOV SUBSCRIPTIO		3,632.64
101-301-831.000	O365 G3 GOV SUBSCRIPTION		5,343.36
101-261-831.000	EXCHANGE ONLINE PLAN 2 GOV SUBSCRIPTIO		5,322.24
101-261-831.000	O365 G3 GOV SUBSCRIPTION		11,901.12
101-261-831.000	M365 E3 GCC SUBSCRIPTION		408.84
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$959.32
INV # - 23-0003929 -- SENIOR TRANSPORTATIO		Check Date:	08/22/2023
101-673-860.000	SENIOR TRANSPORT 7/23		959.32
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$2,240.97
INV # 004415 MAY & JUNE FUEL		Check Date:	08/22/2023
101-336-759.000	INV # 004415 MAY & JUNE FUEL		2,240.97
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$265.23
INV#004415 MAY/JUNE FUEL INVOICE BULDING		Check Date:	08/22/2023
101-371-759.000	INV#004415 MAY/JUNE FUEL INVOICE		265.23
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$151.01
INV#004418 JULY FUEL INVOICE BULDING DEPA		Check Date:	08/22/2023
101-371-759.000	INV#004418 JULY FUEL INVOICE		151.01

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PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$985.15
INV # 004418 JULY FUEL		Check Date:	08/22/2023
101-336-759.000	INV # 004418 JULY FUEL		985.15
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$4,175.09
INV. 004418 8/14/2023 - JULY FUEL		Check Date:	08/22/2023
101-301-759.000	PATROL VEHICLES		4,175.09
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$6,870.18
INV. 004415 6/30/2023 - MAY AND JUNE FUEL		Check Date:	08/22/2023
101-301-759.000	PATROL VEHICLES		6,837.54
101-325-759.000	PSA VEHICLE		32.64
RITTER GIS, IIC		Invoice Amount:	\$1,000.00
CITYWORKS SERVICES JULY 2023 #21556		Check Date:	08/22/2023
592-537-803.000	CITYWORKS SERVICES JULY 2023 #21556		1,000.00
ROZUM, CHARLES		Invoice Amount:	\$500.00
UNIFORM CLOTHING REIMBURSEMENT - 2023		Check Date:	08/22/2023
101-301-767.000	Per Contract (Detective Bureau)		500.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$95.00
INV#74227 JULY FERTILIZATION FRIENDSHIP STAT		Check Date:	08/22/2023
101-673-821.000	INV#74227 JULY FERTILIZATION		95.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$100.50
INV#74230 JULY FERTILIZATION DPW 2023		Check Date:	08/22/2023
592-537-821.000	INV#74230 FERTILIZATION 2023		100.50
SERENE LANDSCAPE GROUP		Invoice Amount:	\$130.00
INV#74226 JULY FERTILIZATION FIRE STATION		Check Date:	08/22/2023
101-336-821.000	INV#74226 JULY FERTILIZATION 2023		130.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$155.00
INV#74225 JULY FERTILIZATION FIRE STATION		Check Date:	08/22/2023
101-336-821.000	INV#74225 JULY FERTILIZATION 2023		155.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$175.00
INV#74122 JULY FERTILIZATION BRENTWOOD P		Check Date:	08/22/2023
101-751-821.000	INV#74122 JULY FERTILIZATION 2023		175.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$310.00
INV#74228 JULY FERTILIZATION MILLER FAMILY		Check Date:	08/22/2023
101-751-821.000	INV#74228 JULY FERTILIZATION		310.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$145.00
INV#74229 JULY FERTILIZATION PLYMOUTH POI		Check Date:	08/22/2023
101-751-821.000	INV#74229 JULY FERTILIZATION 2023		145.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$535.00
INV#74231 JULY FERTILIZATION LAKE POINTE P		Check Date:	08/22/2023
101-751-821.000	INV#74231 JULY FERTILIZATION 2023		535.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$1,475.00
INV#74232 JULY FERTILIZATION PLYMOUTH TO		Check Date:	08/22/2023
101-751-821.000	INV#74232 JULY FERTILIZATION 2023		1,475.00

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SensCy Inc.		Invoice Amount:	\$1,350.00
#1027-06- AUGUST 2023 MONTHLY FEE - IT SEC		Check Date:	08/22/2023
101-261-831.000	#1027-06 AUGUST 2023 MONTHLY FEE		1,350.00
Joseph Smitherman		Invoice Amount:	\$151.17
MEAL REIMBURSEMENT - NASRO ADVANCED SC		Check Date:	08/22/2023
101-301-958.000	DINNER 7/23/2023		18.49
101-301-958.000	DINNER 7/24/2023		26.52
101-301-958.000	BREAKFAST 7/25/2023		5.04
101-301-958.000	DINNER 7/25/2023		25.31
101-301-958.000	BREAKFAST 7/26/2023		8.19
101-301-958.000	LUNCH 7/26/2023		11.96
101-301-958.000	FUEL		55.66
Joseph Smitherman		Invoice Amount:	\$33.96
REIMBURSEMENT FOR COMMUNITY MEETING -		Check Date:	08/22/2023
101-301-958.000	COOKIES		33.96
Joseph Smitherman		Invoice Amount:	\$83.26
MEAL REIMBURSEMENT - TASER RECERTIFICATI		Check Date:	08/22/2023
101-301-958.000	DINNER 8-1-2023		29.68
101-301-958.000	BREAKFAST 8-2-2023		8.58
101-301-958.000	FUEL 8-2-2023		45.00
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$42,932.50
SPALDING DE DECKER - JULY 2023 INVOICE FOR		Check Date:	08/22/2023
101-261-803.000	95062 - PLY TWP ENGINEERING MTGS 2023		500.00
101-701-803.000	95063 - PLYMOUTH WALK LOT SPLIT/COMBO		470.00
101-701-803.000	95064 - NORTHVILLE DOWNS - PLANNING		1,825.00
101-701-803.000	95065 - 40700 AA ROAD - PLANNING		400.00
285-000-970.000-20	95072 - 2022 SIDEWALK GAPS - CE		14,208.50
101-751-970.000	95073- GOLFVIEW PARK SIDEWALKS - CE		926.25
101-751-970.000	95074 - FY2023 GOLFVIEW PARK AMENITIES		48.75
285-000-970.000-20	95077 - TWP PARK DRIVE PAVING		2,001.50
285-000-970.000-20	95076 -POWELL ROAD EXTENSION		975.00
285-000-970.000-20	95079 - 2023 SIDEWALK GAPS		14,047.00
101-261-803.000	95085 - PLY TWP ENGINEERING TASKS 2023		5,859.50
592-540-803.000	95085 - PLY TWP ENG. TASKS 2023 - DPW		815.00
101-261-803.000	95086 - 123NET 9030 & 9031 GEN DRIVE MET		856.00
TARGET SOLUTIONS LEARNING, LLC		Invoice Amount:	\$2,838.30
INV# 79076 VECTOR/ TARGET SOLUTION MEMB		Check Date:	08/22/2023
101-336-831.000	INV# 79076 MAINTENANCE FEE		195.00
101-336-831.000	TARGET SOLUTION MEMBERSHIP		2,643.30
35TH DISTRICT COURT		Invoice Amount:	\$70,866.00
FY2023 35TH DISTRICT COURT Q1 AND Q2 SHO		Check Date:	08/22/2023
101-261-810.286	FY2023 1Q SHORTFALL PAYMENT INTERLOCAL		35,433.00
101-261-810.286	FY2023 2Q SHORTFALL PAYMENT INTERLOCAL		35,433.00
WAYNE COUNTY		Invoice Amount:	\$721.63
INV # 315471 -- TRAFFIC SIGNAL MAINTENANCE		Check Date:	08/22/2023
101-441-923.000	TRAFFIC SIG MAINTENACE #315471 - 6/23		721.63
WAYNE COUNTY		Invoice Amount:	\$455.00
INV. 315326 7/18/2023 APRIL 2023 PRISONER H		Check Date:	08/22/2023
101-351-839.000	APRIL PRISONER HOUSING		455.00

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

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VENDOR INFORMATION

INVOICE INFORMATION

WEINGARTZ

40157639-00 -- IDLER PULLEY FOR Z TURN #2
101-751-931.000

Invoice Amount:

\$60.99

Check Date:

08/22/2023
60.99

40157639-00 -- IDLER PULLEY

Thomas Reuters -WEST PAYMENT CENTER

INV. 848704668 8/1/2023 WEST INFORMATION
101-301-831.000
101-301-831.000

Invoice Amount:

\$798.58

Check Date:

08/22/2023
118.81
679.77

JULY 1-31 CLEAR LAW ENF PLUS

JULY 1-31 CLEAR LICENSE PLATE REC

YourMembership.com Inc.

R63829902 - MML CLASSIFIED AD - MUNICIPA
101-191-901.000

Invoice Amount:

\$150.00

Check Date:

08/22/2023
150.00

R63829902 - MML CLASSIFIED AD

RAPID FIRE PROTECTION

PERMIT REFUND PM23-0174
101-371-964.000

Invoice Amount:

\$59.00

Check Date:

08/22/2023
59.00

PERMIT REFUND PM23-0174

Total Amount to be Disbursed:

\$1,038,969.35

Weekly 8/16/23

Charter Township of Plymouth AP Invoice Listing - Board Report

ENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL		Invoice Amount:	\$9,743.85
MERS-DC FT EMPLOYEE CONTRIBUTIONS 8/11/		Check Date:	08/16/2023
101-000-238.000	MERS EMPLOYEE PRE TAX		8,513.34
101-000-238.000	MERS EMPLOYEE POST TAX		608.29
101-000-238.000	LOANS		622.22
ALERUS FINANCIAL		Invoice Amount:	\$30,717.92
MERS - DC FT EMPL. -- EMPLOYER CONT -8/11/2		Check Date:	08/16/2023
101-171-716.000	SUPERVISOR		1,153.85
101-191-716.000	FINANCE		405.60
101-215-716.000	CLERK		1,512.95
101-228-716.000	INFORMATION SYSTEMS		625.04
101-253-716.000	TREASURER		1,437.91
101-265-716.000	BUILDING & GROUNDS		267.08
101-301-716.000	POLICE		6,713.89
101-325-716.000	DISPATCH		2,277.84
101-336-716.000	FIRE		8,566.16
101-351-716.000	LOCK UP		326.25
101-371-716.000	BUILDING DEPT		1,940.07
588-596-716.000	TRANSPORTATION		260.89
592-536-716.000	PUBLIC SERVICES		936.56
592-537-716.000	PUBLIC WORKS		3,603.19
596-528-716.000	RUBBISH		367.43
101-262-716.000	ELECTIONS		323.21
ALERUS FINANCIAL		Invoice Amount:	\$23,624.04
MERS-457 PLAN - ALL EMPLOYEES 8/11/23 PAYD		Check Date:	08/16/2023
101-000-239.000	457 CONT. PRE-TAX		21,599.59
101-000-239.000	457 CONT. ROTH POST-TAX		1,270.27
101-000-239.000	LOANS		754.18
C.O.A.M. - PLYMOUTH TOWNSHIP		Invoice Amount:	\$406.00
COAM UNION DUES -AUGUST 2023 (DETAILS AT		Check Date:	08/16/2023
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
COMCAST		Invoice Amount:	\$299.85
ACCT 8529 10 216 0147442	INTERNET FIRE	Check Date:	08/16/2023
101-336-852.000	INTERNET - FS 3 - AUGUST 2023		299.85
COMCAST		Invoice Amount:	\$166.80
INV #176543639 -INTERNET - AUGUST 2023--		Check Date:	08/16/2023
101-751-852.000	TOWNSHIP PARK		64.95
101-351-852.000	VIDEO ARRAIGNMENT		101.85
CONSUMERS ENERGY		Invoice Amount:	\$148.62
MONTHLY CHARGES - AUGUST 2023 (DETAILS B		Check Date:	08/16/2023
101-673-921.000	FRIENDSHIP STATION - 1000 257103478		17.11
588-596-921.000	SENIOR TRANS 1000 2571-3478		1.09
101-751-921.000	TWP. PARK 1000 257103262		18.20
101-336-921.000	FIRE STATION #2 - 1000 2571-3403		112.22
CONSUMERS ENERGY		Invoice Amount:	\$127.89
MONTHLY CHGS - JULY 2023 (2) -- DPW- (2 INV		Check Date:	08/16/2023

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

592-537-921.000	DPW-ACCT. # 1000-2645-6283	109.69
592-537-921.000	DPW - ACCT. # 1000-2645-6408	18.20

CONSUMERS ENERGY

ACCT # 1000-6777-1970 JULY 2023 (ATTACHED)

592-537-921.000

ACCT #1000-6777-1970-- 47755 5 MI 7/23

Invoice Amount: \$14.48**Check Date: 08/16/2023**

14.48

P.O.A.M. - PLYMOUTH TOWNSHIP

POAM & DISPATCH UNION DUES -AUGUST 2023

101-000-240.301

POAM UNION DUES

1,705.20

101-000-240.325

DISPATCH UNION DUES

609.38

Invoice Amount: \$2,314.58**Check Date: 08/16/2023****TEAMSTER LOCAL # 214**

TEAMSTER LOCAL #214 DUES - AUGUST 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

101-000-240.592

SIMS

72.00

Invoice Amount: \$439.00**Check Date: 08/16/2023****TECHNICAL, PROFESSIONAL AND OFFICE-**

TPOAM UNION DUES - AUGUST 2023 (DETAILS

101-000-240.000

TPOAM UNION DUES AUGUST 2023

Invoice Amount: \$558.00**Check Date: 08/16/2023**

558.00

WOW! BUSINESS

ACCT. # 012296705 - WOW -- AUGUST 2023 (B

101-673-852.000

SENIOR UTIL

22.77

588-596-852.000

SENIOR TRANS

1.45

Invoice Amount: \$24.22**Check Date: 08/16/2023****Total Amount to be Disbursed: \$68,585.25**

Charter Township of Plymouth
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P. Bonds Page: 8/19/23
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VENDOR INFORMATION

INVOICE INFORMATION

35TH DISTRICT COURT

Invoice Amount:

\$500.00

BOND RECEIPT 011765

Check Date:

08/10/2023

710-000-265.000

BOND RECEIPT #011765

500.00

Total Amount to be Disbursed:

\$500.00

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

A T & T		Invoice Amount:	\$435.23
ACCT. 734-453-4461-659-5 (CENTREX LINES) (A		Check Date:	08/09/2023
101-336-850.000	Fire		147.98
101-673-850.000	Twp. Hall		34.82
101-751-850.000	Parks		34.82
592-537-850.000	DPW		217.61
AMERITAS LIFE INSURANCE CORP.		Invoice Amount:	\$8,190.80
ACTIVE DENTAL - AUGUST 2023 (SEE ATTACHE		Check Date:	08/09/2023
101-171-718.000	SUPERVISOR		39.52
101-228-718.000	IT SERVICES		125.04
101-215-718.000	CLERK		113.76
101-253-718.000	TREASURY		375.12
101-265-718.000	TOWNSHIP HALL & GROUNDS		74.24
101-301-718.000	POLICE		2,676.72
101-325-718.000	DISPATCH		950.40
101-351-718.000	JAIL/LOCK UP		39.52
101-336-718.000	FIRE		2,324.16
101-371-718.000	BUILDING		301.76
588-596-718.000	TRANSPORTATION		125.04
596-528-718.000	RUBBISH		125.04
592-536-718.000	PUBLIC SERVICES		238.80
592-537-718.000	PUBLIC WORKS		567.92
101-000-243.000	COBRA (CLINTON)		74.24
101-262-718.000	ELECTIONS		39.52
AMERITAS LIFE INSURANCE CORP.		Invoice Amount:	\$4,700.48
RETIREE-DENTAL- AUGUST 2023 --- POLICY #01		Check Date:	08/09/2023
101-261-875.000	GENERAL RETIREES		768.08
101-301-875.000	POLICE RETIREES		1,416.72
101-325-875.000	DISPATCH RETIREE		74.24
101-336-875.000	FIRE RETIREES		1,689.44
592-536-875.000	PUBLIC SERVICES RETIREE		39.52
592-537-875.000	DPW RETIREES		672.96
101-000-243.000	COBRA -IAFF		39.52
ADP INC		Invoice Amount:	\$4,717.08
# 639419583 -- ADP-JULY 2023 ACTIVITY - (DE		Check Date:	08/09/2023
101-261-831.000	# 639419583 -- ADP-JULY2023		4,717.08
BENNETT & DEMOPOULOS, PLLC		Invoice Amount:	\$183.75
BD Bond Refund		Check Date:	08/09/2023
101-371-283.015	BLE23-0014		183.75
Carlisle Wortman Associates		Invoice Amount:	\$360.00
BD Bond Refund		Check Date:	08/09/2023
101-371-283.019	BPRE23-0063 - PB23-0572		360.00
Carlisle Wortman Associates		Invoice Amount:	\$30.00
BD Bond Refund		Check Date:	08/09/2023
101-371-283.019	BPRE23-0058 - PB23-0459		30.00
COMCAST		Invoice Amount:	\$131.90
# 8529 10-216-0149158 COMCAST HIGH SPEED		Check Date:	08/09/2023
101-261-852.000	HIGH SPEED INTERNET - 8/23		131.90

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION****CONSUMERS ENERGY**

MONTHLY CHGS - JULY 2023

Invoice Amount:**\$2,439.27****Check Date:****08/09/2023**

101-171-921.000	SUPERVISOR	130.51
101-228-921.000	INFO SERVICES	110.12
101-257-921.000	ASSESSING	44.86
101-215-921.000	CLERK	186.47
101-253-921.000	TREASURER	67.30
101-301-921.000	POLICE	566.92
101-325-921.000	DISPATCH	212.09
101-336-921.000	FIRE DEPT	400.70
101-371-921.000	BUILDING	161.10
101-701-921.000	COMM DEVELOPMENT	12.24
101-751-921.000	PARK	57.98
596-528-921.000	UTILITIES-RUBBISH	6.12
592-536-921.000	DPW - WATER & SEWER	185.58
101-351-921.000	CORRECTIONS & JAIL	173.34
101-673-921.000	UTIL - SENIOR SERVICES	6.12
101-191-921.000	FINANCE	72.52
101-265-921.000	BUILDINGS AND GROUNDS	4.07
592-537-921.000	DPW - WATER & SEWER T & D	41.23

DTE ENERGY

ACCT # 9100-4060-6121 (REGULAR) STREET LIG

101-441-923.000

MUN. STREET LIGHTS 7/23-(REG)

Invoice Amount:**\$6,486.42****Check Date:****08/09/2023**

6,486.42

FIDELITY SECURITY LIFE INSURANCE CO

EYEMED - ACTIVE EMPLOYEES -AUGUST 2023 (S

Invoice Amount:**\$1,096.62****Check Date:****08/09/2023**

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	387.12
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
101-262-718.000	ELECTIONS	11.38

FIDELITY SECURITY LIFE INSURANCE CO

EYE MED - RETIREES - AUGUST 2023 (SPREADS

Invoice Amount:**\$689.66****Check Date:****08/09/2023**

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

EYE MED COBRA COVERAGE - AUGUST 2023 (DE

Invoice Amount:**\$16.50****Check Date:****08/09/2023**

101-000-243.000	CLINTON - EYEMED COBRA CHARGES 8/23	10.81
101-000-243.000	JURY COBRA CHARGES 8/23	5.69

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

HARTFORD, THE		Invoice Amount:	\$6,100.55
THE HARTFORD-INSURANCE-AUGUST 2023 (SPR		Check Date:	08/09/2023
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		537.86
596-528-718.000	RUBBISH COLLECTION DISPOSAL DEPT		53.48
101-262-718.000	ELECTIONS		48.33
PLYMOUTH POSTMASTER		Invoice Amount:	\$1,500.00
WATER BILL POSTAGE - PERMIT #218 AUGUST 2		Check Date:	08/09/2023
592-536-851.000	PERMIT #218 AUGUST 2023 POSTAGE		1,500.00
VERIZON WIRELESS		Invoice Amount:	\$2,401.50
AUGUST 2023 WIRELESS MI DEAL ACCT # 98688		Check Date:	08/09/2023
101-371-850.000	BUILDING INSPECTOR		123.00
101-265-850.000	BUILDING & GROUNDS		40.34
592-537-850.000	DPW		1,374.56
101-336-850.000	FIRE DEPT		256.40
101-228-850.000	IT SERVICES		45.95
101-751-850.000	PARKS		67.91
101-301-850.000	POLICE DEPT		318.35
101-325-850.000	DISPATCH		62.88
588-596-850.000	TRANSPORTATION		49.04
596-528-850.000	RUBBISH		31.17
101-253-850.000	TREASURY		31.90
WESTERN TWNSPS UTILITIES AUTHORITY		Invoice Amount:	\$212,161.87
WTUA - JULY 2023 (SEE ATTACHED DETAILED B		Check Date:	08/09/2023
592-538-828.000	Monthly Charges		206,725.70
592-538-827.000	YUCA IPP-IWC		4,697.42
592-537-757.000	Country Acres Pump Station		738.75
WOW! BUSINESS		Invoice Amount:	\$15.00
ACCT. # 012299521 - PD AND FD CABLE CHARGE		Check Date:	08/09/2023
101-336-852.000	FD CABLE CHARGES		5.00
101-301-852.000	PD CABLE CHARGES		10.00
Bloom General Contracting Inc		Invoice Amount:	\$2,640.00
BD Bond Refund		Check Date:	08/09/2023
101-371-283.019	BP23-0063 - PB23-0572		2,640.00
Nolan Bros		Invoice Amount:	\$5,000.00
BD Bond Refund		Check Date:	08/09/2023
101-371-283.004	BP20-0059 - PB20-0828		5,000.00

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

VENDOR INFORMATION**INVOICE INFORMATION**

Nolan Bros		Invoice Amount:		\$25,000.00
BD Bond Refund		Check Date:		08/09/2023
	<i>101-371-283.010</i>	<i>BTCO22-0045 - PB20-0828</i>		<i>25,000.00</i>
Gio-Con, LLC.		Invoice Amount:		\$6,350.00
BD Bond Refund		Check Date:		08/09/2023
	<i>101-371-283.011</i>	<i>BLS21-0005</i>		<i>6,350.00</i>
Total Amount to be Disbursed:				\$290,646.63

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INVOICE INFORMATION

A T & T LONG DISTANCE		Invoice Amount:	\$0.39
BAN836376571 -- AT&T LONG DISTANCE - POLIC		Check Date:	08/02/2023
101-301-850.000	BAN836376571 - JUNE 2023		0.39
ALERUS FINANCIAL		Invoice Amount:	\$24,458.95
MERS-457 PLAN - ALL EMPLOYEES 7-28-23 PAYD		Check Date:	08/02/2023
101-000-239.000	457 CONT. PRE-TAX		22,577.98
101-000-239.000	457 CONT. ROTH POST-TAX		1,126.79
101-000-239.000	LOANS		754.18
ALERUS FINANCIAL		Invoice Amount:	\$30,543.09
MERS - DC FT EMPL. -- EMPLOYER CONT -7/28/2		Check Date:	08/02/2023
101-171-716.000	SUPERVISOR		1,153.85
101-191-716.000	FINANCE		405.60
101-215-716.000	CLERK		1,512.95
101-228-716.000	INFORMATION SYSTEMS		625.04
101-253-716.000	TREASURER		1,437.91
101-265-716.000	BUILDING & GROUNDS		267.08
101-301-716.000	POLICE		7,012.77
101-325-716.000	DISPATCH		2,277.84
101-336-716.000	FIRE		8,533.09
101-351-716.000	LOCK UP		326.25
101-371-716.000	BUILDING DEPT		1,940.07
588-596-716.000	TRANSPORTATION		260.89
592-536-716.000	PUBLIC SERVICES		936.56
592-537-716.000	PUBLIC WORKS		3,162.55
596-528-716.000	RUBBISH		367.43
101-262-716.000	ELECTIONS		323.21
ALERUS FINANCIAL		Invoice Amount:	\$9,632.13
MERS-DC FT EMPLOYEE CONTRIBUTIONS 7/28/		Check Date:	08/02/2023
101-000-238.000	MERS EMPLOYEE PRE TAX		8,455.07
101-000-238.000	MERS EMPLOYEE POST TAX		608.29
101-000-238.000	LOANS		568.77
A T & T		Invoice Amount:	\$1,287.10
831-000-9179-661 TELEPHONE/INTERENET ALLO		Check Date:	08/02/2023
101-101-859.000	TOWNSHIP BOARD		14.71
101-171-852.000	SUPERVISOR'S OFFICE		73.55
101-191-852.000	ACCOUNTING/FINANCE		58.84
101-215-852.000	CLERK'S OFFICE		110.32
101-228-852.000	INFO SERVICES		44.13
101-253-852.000	TREASURER		66.19
101-257-852.000	ASSESSOR		73.55
101-261-852.000	GENERAL OPERATIONS		80.90
101-262-852.000	ELECTIONS OFFICE		29.42
101-265-852.000	BUILDING & GROUNDS		14.71
101-301-852.000	POLICE		176.52
101-325-852.000	DISPATCH/COMMUNICATIONS		125.03
101-336-852.000	FIRE DEPT		154.45
101-351-852.000	JAIL/CORRECTIONS		7.35
101-371-852.000	BUILDING FEPT		80.90
101-673-852.000	SENIOR CENTER		14.71
101-701-852.000	PLANNING		14.71
101-751-852.000	PARKS DEPT		7.35
588-596-852.000	TRANSPORTATION FUND		7.35
592-536-852.000	PUBLIC SERVICES		73.55

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	592-537-852.000	PUBLIC WORKS	44.13
	596-528-852.000	RUBBISH COLLECTION	14.73
A T & T		Invoice Amount:	\$829.50
ACCT# 734-420-2126-564-7 - AT&T PHONE ALL		Check Date:	08/02/2023
	101-265-850.000	BUILDING AND GROUNDS	51.84
	101-301-850.000	POLICE	155.53
	101-336-850.000	FIRE	207.38
	101-426-850.000	EMERGENCY MANAGEMENT	311.06
	101-673-850.000	SENIOR CENTER	51.85
	592-537-850.000	PUBLIC WORKS - T&D	51.84
BLUE CARE NETWORK OF MICHIGAN		Invoice Amount:	\$113,634.12
AUGUST 2023 -- CLASSES 7 & 8 ACTIVE - (DETA		Check Date:	08/02/2023
	101-171-718.000	SUPERVISOR'S OFFICE	540.60
	101-228-718.000	IT DEPT.	1,621.80
	101-301-718.000	POLICE	30,597.96
	101-325-718.000	DISPATCH	8,973.96
	101-336-718.000	FIRE	26,489.40
	101-371-718.000	BUILDING	4,973.52
	592-537-718.000	PUBLIC WORKS	7,244.04
	101-301-875.000	POLICE - RETIREES	10,055.16
	101-336-875.000	FIRE - RETIREES	9,298.32
	101-265-718.000	BUILDING & GROUNDS	1,297.44
	592-536-718.000	PUBLIC SERVICES	2,378.64
	596-528-718.000	RUBBISH	1,621.80
	592-537-875.000	PUBLIC WORKS RETIREES	1,838.04
	588-596-718.000	TRANSPORTATION	1,621.80
	101-261-875.000	GENERAL RETIREE	540.60
	101-215-718.000	CLERK	1,838.04
	101-351-718.000	LOCK UP	540.60
	101-000-243.000	MARK CLINTON-COBRA	1,297.44
	101-253-718.000	TREASURY	1,621.80
	101-000-243.000	RACHEL RAINEY - FIRE RETIREE-COBRA	540.60
	101-262-718.000	ELECTIONS -LISA BRADFORD - CREDIT	(1,297.44)
BLUE CARE NETWORK OF MICHIGAN		Invoice Amount:	\$8,360.31
AUGUST 2023 - - BCN CLASSES 9 & 10 - RETIRE		Check Date:	08/02/2023
	101-261-875.000	GENERAL RETIREES HEALTHCARE	2,651.08
	101-301-875.000	POLICE RETIREES HEALTHCARE	487.96
	101-325-875.000	DISPATCH RETIREES HEALTHCARE	487.96
	101-336-875.000	FIRE RETIREES HEALTHCARE	3,757.39
	592-537-875.000	PUBLIC WORKS RETIREES HEALTHCARE	975.92
BLUE CROSS/BLUE SHEILD OF MI		Invoice Amount:	\$3,184.72
INV. # 230707672146 - BCBS-MEDICARE PLUS B		Check Date:	08/02/2023
	101-261-875.000	GENERAL RETIREES	398.09
	101-301-875.000	POLICE RETIREES	398.09
	101-336-875.000	FIRE RETIREES (6)	2,388.54
BUONO, DUANE		Invoice Amount:	\$5,182.13
MECHANICAL INSPECTOR PAY JULY 2023		Check Date:	08/02/2023
	101-371-801.000	MECHANICAL INSPECTOR PAY JULY 2023	5,182.13
CBTS TECHNOLOGY SOLUTIONS LLC		Invoice Amount:	\$2,492.16
CBTS PHONE SERVICES - JULY 2023 -- 6/20/23 T		Check Date:	08/02/2023
	101-101-850.000	TOWNSHIP BOARD	25.75
	101-171-850.000	SUPERVISOR	124.19

Charter Township of Plymouth

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101-228-850.000	INFORMATION SYSTEMS	78.43
101-257-850.000	ASSESSING	86.30
101-215-850.000	CLERK	165.87
101-253-850.000	TREASURY	86.28
101-261-850.000	GEN. OP. - EXC RM	32.11
101-262-850.000	ELECTIONS	32.97
101-265-850.000	BUILDING AND GROUNDS	16.76
101-673-850.000	SENIOR SERVICES	16.74
101-301-850.000	POLICE	541.13
101-325-850.000	DISPATCH	300.22
101-351-850.000	JAIL/CORRECTIONS	17.25
101-336-850.000	FIRE/TWP. HALL	562.35
101-371-850.000	BUILDING	122.10
101-751-850.000	PARKS & REC	26.44
101-701-850.000	PLANNING	16.76
596-528-850.000	RUBBISH	19.19
588-596-850.000	TRANSPORTATION	37.52
592-536-850.000	WATER & SEWER	119.29
101-191-850.000	FINANCE/ACCOUNTING	64.51

COMCAST

ACCT 8529-10-216-01647-10 HIGH SPEED INTER
101-751-852.000

ACCT 8529-10-216-01647-10 -- 5623

Invoice Amount: **\$257.07**
Check Date: **08/02/2023**
257.07

DTE ENERGY

9100-157-6877-3 - BASEBALL DIAMONDS JUNE
101-751-920.000

.... 6877-3 BASEBALL DIAMONDS 6/23

Invoice Amount: **\$473.56**
Check Date: **08/02/2023**
473.56

DTE ENERGY

9100-055-5316-9 DTE SERVICE -- MILLER PARK
101-751-920.000

...5316-9 MILLER PARK ELECTRIC 7/23

Invoice Amount: **\$22.10**
Check Date: **08/02/2023**
22.10

Flis, Joe

ELECTRICAL INSPECTOR 2 PAY JULY 2023
101-371-801.000

ELECTRICAL INSPECTOR 2 PAY JULY 2023

Invoice Amount: **\$1,575.00**
Check Date: **08/02/2023**
1,575.00

HEILEMAN, JAMES

ELECTRICAL INSPECTOR PAY JULY 2023
101-371-801.000

ELECTRICAL INSPECTOR PAY JULY 2023

Invoice Amount: **\$2,650.63**
Check Date: **08/02/2023**
2,650.63

I.A.F.F. - LOCAL 1496

IAFF DUES-JULY 2023 (DETAILED LISTING ATTA
101-000-240.336

JULY 2023 UNION DUES

Invoice Amount: **\$2,640.00**
Check Date: **08/02/2023**
2,640.00

M E R S

MERS DB - JULY 2023 EMPLOYEE AND EMPLOYE

101-000-245.301	COAM - EMPLOYEE CONTRIB.	1,896.68
101-000-245.301	POAM - EMPLOYEE CONTRIB	10,018.85
101-000-245.336	FIRE - EMPLOYEE CONTRIN.	7,057.55
101-000-245.325	DISPATCH - EMPLOYEE CONTRIB	3,517.89
101-301-715.000	COAM - EMPLOYER CONTRIB	19,088.58
101-301-715.000	POAM - EMPLOYER CONTRIB	37,703.00
101-336-715.000	FIRE - EMPLOYER CONTRIB	51,736.00
101-325-715.000	DISPATCH - EMPLOYER CONTRIB	11,026.00

Invoice Amount: **\$142,044.55**
Check Date: **08/02/2023**

MUNSON, STEVE

PLUMBING INSPECTOR PAY JULY 2023

101-371-801.000 PLUMBING INSPECTOR PAY JULY 2023

Invoice Amount: **\$1,471.75**
Check Date: **08/02/2023**
1,471.75

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

CHARTER TWSP OF PLYMOUTH			Invoice Amount:	\$12,661.04
PLYMOUTH TOWNSHIP - WATER/SEWER -- JULY			Check Date:	08/02/2023
101-171-922.000	SUPERVISOR			21.62
101-228-922.000	INFO SERVICES			18.24
101-257-922.000	ASSESSORS			7.43
101-215-922.000	CLERK			30.89
101-253-922.000	TREASURER			11.15
101-673-922.000	BUILDING-SENIOR SERVICES			634.37
101-301-922.000	POLICE			93.91
101-325-922.000	DISPATCH			35.13
101-351-922.000	LOCK UP			28.71
101-336-922.000	FIRE			1,838.91
101-371-922.000	BUILDING			26.69
101-701-922.000	PLANNING			2.03
101-751-922.000	PARK			8,184.45
596-528-922.000	RUBBISH			1.01
592-536-922.000	ADM/GEN EXPENSE			30.74
592-537-922.000	POWER & PUMPING			1,319.45
588-596-922.000	FRIENDSHIP STATION			40.43
101-265-922.000	BUILDING			0.68
592-537-938.000	WATER FLUSHING			323.19
101-191-922.000	FINANCE DEPT.			12.01
SIMPLIFILE, LC			Invoice Amount:	\$60.25
BD Bond Refund			Check Date:	08/02/2023
101-371-283.018	BBD23-0085			60.25
VERIZON WIRELESS			Invoice Amount:	\$93.20
ACCT 242016971-00001 - VERIZON - CELL PHON			Check Date:	08/02/2023
101-751-850.000	PARK CELL PHONE			40.01
101-336-850.000	FIRE - (LIFEPACKS)			42.18
592-537-850.000	DPW TEXT MODUM			11.01
Toll Brothers			Invoice Amount:	\$4.75
BD Bond Refund			Check Date:	08/02/2023
101-371-283.018	BBD23-0085			4.75
FAIRWAY CONSTRUCTION CO			Invoice Amount:	\$1,380.00
BD Bond Refund			Check Date:	08/02/2023
101-371-283.001	BP22-0173 - PB22-0508			1,380.00
Shaw Construction & Management Co			Invoice Amount:	\$2,610.00
BD Bond Refund			Check Date:	08/02/2023
101-371-283.019	BPRE22-0012 - PB22-0435			2,610.00
Shaw Construction & Management Co			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	08/02/2023
101-371-283.001	BP22-0167 - PB22-0435			1,500.00
Schafer Construction			Invoice Amount:	\$2,640.00
BD Bond Refund			Check Date:	08/02/2023
101-371-283.019	BPRE22-0019 - PB21-0915			2,640.00
Pulte Family Management SJ LLC			Invoice Amount:	\$5,050.00
BD Bond Refund			Check Date:	08/02/2023
101-371-283.011	BLS22-0016			5,050.00

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Robertson Margate LLC BD Bond Refund <i>101-371-283.001 BP22-0137 - PB22-0066</i>	Invoice Amount: Check Date: <i>1,500.00</i>	\$1,500.00 08/02/2023
Robertson Margate LLC BD Bond Refund <i>101-371-283.001 BP22-0163 - PB22-0459</i>	Invoice Amount: Check Date: <i>1,500.00</i>	\$1,500.00 08/02/2023
Robertson Margate LLC BD Bond Refund <i>101-371-283.001 BP22-0186 - PB22-0917</i>	Invoice Amount: Check Date: <i>1,500.00</i>	\$1,500.00 08/02/2023
Burroughs Building BD Bond Refund <i>101-371-283.019 BPRE23-0035 - PB23-0007</i>	Invoice Amount: Check Date: <i>2,400.00</i>	\$2,400.00 08/02/2023
Robertson Margate LLC BD Bond Refund <i>101-371-283.001 BP22-0187 - PB22-0916</i>	Invoice Amount: Check Date: <i>1,500.00</i>	\$1,500.00 08/02/2023
BCP PLYMOUTH LLC BD Bond Refund <i>101-371-283.019 BPRE23-0041 - PB23-0123</i>	Invoice Amount: Check Date: <i>2,040.00</i>	\$2,040.00 08/02/2023
Hillside Contracting LLC BD Bond Refund <i>101-371-283.019 BPRE23-0044 - PB23-0201</i>	Invoice Amount: Check Date: <i>2,760.00</i>	\$2,760.00 08/02/2023
The Kroger Co. BD Bond Refund <i>101-371-283.019 BPRE23-0046 - PB23-0222</i>	Invoice Amount: Check Date: <i>2,310.00</i>	\$2,310.00 08/02/2023
BL Companies INC BD Bond Refund <i>101-371-283.019 BPRE23-0047 - PB23-0250</i>	Invoice Amount: Check Date: <i>2,610.00</i>	\$2,610.00 08/02/2023
5 Frames Construction LLC BD Bond Refund <i>101-371-283.001 BP22-0194 - PB22-1092</i>	Invoice Amount: Check Date: <i>1,500.00</i>	\$1,500.00 08/02/2023
Thompson-Phelan Group INC BD Bond Refund <i>101-371-283.019 BPRE23-0050 - PB23-0297</i>	Invoice Amount: Check Date: <i>2,490.00</i>	\$2,490.00 08/02/2023
Robertson Margate LLC BD Bond Refund <i>101-371-283.010 BTCO23-0054 - PB22-0459</i>	Invoice Amount: Check Date: <i>2,000.00</i>	\$2,000.00 08/02/2023
Lift Masters Construction BD Bond Refund <i>101-371-283.019 BPRE23-0051 - PB23-0315</i>	Invoice Amount: Check Date: <i>2,850.00</i>	\$2,850.00 08/02/2023
Freund & Associates BD Bond Refund <i>101-371-283.019 BPRE23-0055 - PB23-0453</i>	Invoice Amount: Check Date: <i>2,130.00</i>	\$2,130.00 08/02/2023

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION****L & P Commercial**

BD Bond Refund

*101-371-283.019**BPRE23-0057 - PB23-0458***Invoice Amount:****\$2,610.00****Check Date:****08/02/2023***2,610.00***FLAGG, JULIA A**

2023 Sum Tax Refund 78 040 99 0007 000

*703-000-202.000**Accounts Payable***Invoice Amount:****\$2,370.14****Check Date:****08/02/2023***2,370.14***Total Amount to be Disbursed:****\$410,808.64**

BR 8/2/23 4/11

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VENDOR INFORMATION

INVOICE INFORMATION

ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$158.98
INV# 93080 UNIFORM CLASS A PANTS & UNIFO		Check Date:	08/08/2023
101-336-767.000	INV# 93080 UNIFORM PANTS		98.99
101-336-767.000	UNIFORM HAT		59.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$18.99
INV# 92978 TEDERINGTON UNIFORM ALTERATI		Check Date:	08/08/2023
101-336-767.000	INV# 92978 UNIFORM ALTERATIONS		10.00
101-336-767.000	UNIFORM CLIP BELT		8.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$307.99
INV# 93079 UNIFORM DRESS JACKET/ BIGGER		Check Date:	08/08/2023
101-336-767.000	INV# 93079 UNIFORM DRESS JACKET		307.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$298.98
INV# 93288 UNIFORM HAT BAND,BUTTONS LRG		Check Date:	08/08/2023
101-336-767.000	INV# 93288 UNIFORM HAT BAND		10.99
101-336-767.000	LRG BUTTONS/COAT		24.00
101-336-767.000	SM BUTTONS /COAT		12.00
101-336-767.000	UNIFORM BRAID/COAT		25.00
101-336-767.000	UNIFORM BREAST BADGE		183.00
101-336-767.000	UNIFORM PINS/BUGLE		43.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$136.97
INV# 91885 SMITH / PANTS, COLLAR INSIGNIA		Check Date:	08/08/2023
101-336-767.000	INV# 91885 COLLAR INSIGNIA		12.99
101-336-767.000	UNIFORM PANTS		123.98
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$199.99
INV# 93289 UNIFORM TAG & BADGE /SMITH		Check Date:	08/08/2023
101-336-767.000	INV# 93289 UNIFORM NAME TAG		16.99
101-336-767.000	UNIFORM BREAST BADGE		183.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$(359.97)
INV 93378 - CREDIT ROBERT NAFSO BOOTS,BEL		Check Date:	08/08/2023
101-301-767.000	Supplies - Clothing/Uniforms		(359.97)
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$1,909.86
INV. 93279 9/17/2023 BODY ARMOR LEVEL AXII/		Check Date:	08/08/2023
101-301-767.000	UNIFORM S/S POLO SHIRT W/BADGE		49.99
101-301-767.000	UNIFORM RAIN COAT		129.99
101-301-767.000	UNIFORM JACKET 6001		209.99
101-301-767.000	UNIFORM TRAFFIC VEST		64.99
101-301-767.000	UNIFORM DUTY BELT		74.99
101-301-767.000	UNIFORM PREP HOLDER		39.99
101-301-767.000	UNIFORM S/S SHIRT		155.97
101-301-767.000	UNIFORM L/S SHIRT		53.99
101-301-767.000	UNIFORM FUR TROOPER HAT		29.99
101-301-767.000	UNIFORM PANTS		139.98
101-301-767.000	UNIFORM BOOTS		209.99
101-301-767.000	VEST 230000131827/230000131903		750.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$111.98
INV. 93280 7/19/2023 UNIFORM EQUIPMENT/PS		Check Date:	08/08/2023
101-325-767.000	UNIFORM PROPPER 1/4 ZIP SPECIAL SIZE		87.98
101-325-767.000	UNIFORM NAME & BADGE EMBROIDERY		24.00

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ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$12.00
INV. 93281 7/19/2023 UNIFORM EQUIPMENT/CH		Check Date:	08/08/2023
101-301-767.000	UNIFORM EMBROIDERY ON JOB SHIRT		12.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$270.95
INV. 93282 7/19/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/08/2023
101-301-767.000	UNIFORM UNDERVEST SHIRT S/S		91.98
101-301-767.000	UNIFORM S/S POLO SHIRT		103.98
101-301-767.000	UNIFORM DUTY BELT		74.99
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$750.00
INV. 93283 7/19/2023 UNIFORM EQUIPMENT/LIE		Check Date:	08/08/2023
101-301-767.000	BODY ARMOR 230000143519/230000143588		750.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$630.00
INV. 93284 7/19/2023 UNIFORM EQUIPMENT/AS		Check Date:	08/08/2023
101-301-767.000	UNIFORM BREAST BADGE POLICE ASST CHIEF		210.00
101-301-767.000	UNIFORM BREAST BADGE POLICE LIEUTENAN		210.00
101-301-767.000	UNIFORM BREAST BADGE POLICE CHIEF		210.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$621.92
INV. 93285 7/19/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/08/2023
101-301-767.000	UNIFORM BOOTS		199.99
101-301-767.000	UNIFORM S/S SHIRT		155.97
101-301-767.000	UNIFORM L/S SHIRT		53.99
101-301-767.000	UNIFORM HAT COVER		10.99
101-301-767.000	UNIFORM RAIN COAT		129.99
101-301-767.000	UNIFORM HANDCUFFS		34.99
101-301-767.000	UNIFORM TAPERING S/S		36.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$12.00
INV. 93286 7/19/2023 UNIFORM EQUIPMENT/PS		Check Date:	08/08/2023
101-325-767.000	UNIFORM PINS LAPEL C.T.O.		12.00
ALLIE BROTHERS UNIFORMS		Invoice Amount:	\$139.98
INV. 93287 7/19/2023 UNIFORM EQUIPMENT/OF		Check Date:	08/08/2023
101-301-767.000	UNIFORM PANTS		74.99
101-301-767.000	UNIFORM SIDE/SAP POCKET		15.00
101-301-767.000	UNIFORM POLO SHIRT CHARCOAL		49.99
ALPHAGRAPHS #336		Invoice Amount:	\$290.51
1000 WINDOW ENVELOPES W/TWP LOGO		Check Date:	08/08/2023
101-191-752.000	1000 WINDOW ENVELOPES INV# 140266		290.51
Al's Asphalt Paving Company		Invoice Amount:	\$90,215.99
CONTRACT # _PL22-008- PLY TWP PARK DRIVE		Check Date:	08/08/2023
285-000-970.000-20	CONTRACT # _PL22-008 PAY EST. #2		82,682.77
285-000-211.000	RETAINAGE		7,533.22
AMERICAN LEGAL PUBLISHING CORP.		Invoice Amount:	\$495.00
#26778 - INVOICE FOR INTRNET RENEWAL PERI		Check Date:	08/08/2023
101-261-900.000	INVOICE # 26778		495.00
Ann Arbor Charter Township		Invoice Amount:	\$50.00
INV# 23-003 CLASS TUITION DRIVERS TRAININ		Check Date:	08/08/2023
101-336-958.000	INV# 23-003 DRIVERS TRAINING PROGRAM		50.00

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

AutoZone, Inc. INV# 4382852488 WINDSHIELD FLUID 101-336-863.000		Invoice Amount: Check Date: INV# 4382852488 WINDSHIELD FLUID 53.40	\$53.40 08/08/2023
AutoZone, Inc. #4382851846 7/18/23 BRAKE PADS & ROTORS # 592-537-863.000	PARTS	Invoice Amount: Check Date: 286.17	\$286.17 08/08/2023
AutoZone, Inc. INV. 4382855636 7/28/2023 VEHICLE SUPPLIES 101-301-863.000 101-301-863.000	CHEMGUY CLEANER CHEMGUY LEATHER	Invoice Amount: Check Date: 12.86 11.99	\$24.85 08/08/2023
AutoZone, Inc. INV. 4382854198 7/24/2023 VEHICLE SUPPLIES 101-301-863.000	WINDSHIELD WIPER SOLVENT	Invoice Amount: Check Date: 17.80	\$17.80 08/08/2023
B & R JANITORIAL SUPPLY INV.#196851 JANITORIAL SUPPLIES JULY 2023 101-265-775.000 101-673-775.000 101-301-775.000 101-325-775.000 101-351-775.000 101-336-775.000 592-537-775.000	INV#196851 INV#196851 INV#196851 INV#196851 INV#196851 INV#196851 INV#196851	Invoice Amount: Check Date: 241.59 14.50 120.80 38.65 9.66 9.66 48.32	\$483.18 08/08/2023
BATTERIES PLUS BULBS #P63806784 7/5/23 592-537-757.000	12V 65 FLOODED 24	Invoice Amount: Check Date: 162.32	\$162.32 08/08/2023
BLACKWELL FORD INC. INV# 408121 R-1 OIL & FILTER CHANGE MULTI- 101-336-863.000	INV# 408121 OIL CHANGE R-1	Invoice Amount: Check Date: 158.99	\$158.99 08/08/2023
BLACKWELL FORD INC. INV# 405682 REPLACED THE PCM USING PMI /H 101-336-863.000	INV# 405682 R-3 REPAIR	Invoice Amount: Check Date: 1,425.93	\$1,425.93 08/08/2023
CODE SAVVY CONSULTANTS LLC INV.#2284 WEBASTO SPRINKLER MODIFICATIO 101-371-801.000	INV#2284 SPRINKLER MOD. REVIEW	Invoice Amount: Check Date: 385.00	\$385.00 08/08/2023
CODE SAVVY CONSULTANTS LLC INV.#2277 SAMES SOLUTIONS FIRE ALARM REVI 101-371-801.000	INV#2277 FIRE ALARM REVIEW	Invoice Amount: Check Date: 385.00	\$385.00 08/08/2023
CODE SAVVY CONSULTANTS LLC INV.#2264 MACLEAN FOGG FIRE ALARM REVIEW 101-371-801.000	INV#2264 FIRE ALARM REVIEW	Invoice Amount: Check Date: 385.00	\$385.00 08/08/2023
CORRIGAN OIL COMPANY #7855948 7/26/23 - GAS 87-ETHANOL - DYDLS - 592-537-759.000 592-537-759.000 592-537-759.000 592-537-759.000	Fuel Tax Recap Environmental Fee GE87 GAS-ETHANOL DYDLSMIX	Invoice Amount: Check Date: 12.00 9.95 1,795.72 307.07	\$2,124.74 08/08/2023

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

CRAWFORD DOOR SALES		Invoice Amount:	\$240.00
INV # 25362933 REPAIRED AMBULANCE DOOR		Check Date:	08/08/2023
101-336-930.000	INV# 25362933 REPAIRED AMBULANCE DOOR		240.00
Dell Financial Services, LLC		Invoice Amount:	\$170.51
# 2737189 - DELL # 5980-016 - 1 BLDG; 1 PAYR		Check Date:	08/08/2023
101-371-940.000	BUILDING		85.25
266-312-940.000	HR - PAYROLL		85.26
Dell Financial Services, LLC		Invoice Amount:	\$1,258.90
# 2737220 - DELL # 5980-015 - 13 POLICE DEPT		Check Date:	08/08/2023
101-371-940.000	POLICE DEPT.		1,065.24
101-301-940.000	POLICE DEPT		193.66
Dell Financial Services, LLC		Invoice Amount:	\$563.26
INVOICE # 2751875 - LEASE # 810-6755980-008		Check Date:	08/08/2023
101-371-940.000	BUILDING DEPT.		70.40
101-171-940.000	HUMAN RESOURCES		70.40
101-751-940.000	PARKS DEPT		70.41
101-228-940.000	INFO SERVICES		352.05
Detroit Legal News Publishing, LLC		Invoice Amount:	\$175.00
INVOICE # 1790570 CLASSIFIED NEWS		Check Date:	08/08/2023
101-261-901.000	SUMMER 2023 TAX NOTICE 6-2--23		175.00
Detroit Legal News Publishing, LLC		Invoice Amount:	\$230.00
INVOICE # 1790569 CLASSIFIED NEWS		Check Date:	08/08/2023
101-215-901.000	BOT NOTICE 6-12--23		230.00
Detroit Legal News Publishing, LLC		Invoice Amount:	\$170.00
INVOICE # 1790563 CLASSIFIED NEWS		Check Date:	08/08/2023
101-737-901.000	PC#248254 PUBLIC HEARING NOTICE 5-23--23		170.00
Detroit Legal News Publishing, LLC		Invoice Amount:	\$225.00
INVOICE # 1790562 CLASSIFIED NEWS		Check Date:	08/08/2023
101-703-901.000	ZBA PUBLIC HEARING NOTICE 7-6--23		225.00
Dominion Voting		Invoice Amount:	\$1,870.00
ICP & ICX CODING FOR NOVEMBER GENERAL EL		Check Date:	08/08/2023
101-262-801.000	ELECTION SETUP - BASE PER ICP PRECINCT		1,500.00
101-262-801.000	ELECTION SETUP - BASE PER AVCB PRECINCT		250.00
101-262-801.000	ELECTION SETUP - ADA SETUP PER UNIT		120.00
ETNA SUPPLY		Invoice Amount:	\$1,117.50
PARTS FOR TAPS		Check Date:	08/08/2023
592-537-757.000	C04-44-Q-NL COUPLING		1,000.00
592-537-757.000	INSERT-52 1" INSERT FOR PE TUBING USE W		117.50
ETNA SUPPLY		Invoice Amount:	\$852.00
07/19/2023 S105199349		Check Date:	08/08/2023
592-537-757.000	C44-44-Q-NL-1QJ-CTS COUPLING NO LEAD FO		468.00
592-537-757.000	C44-33-Q-NL-3/4 QUICK JOINT-CTS COUPLING		384.00
FELLRATH, PATRICK		Invoice Amount:	\$107.42
MILEAGE REIMBURSEMENT JULY 23		Check Date:	08/08/2023
592-537-861.000	MILEAGE REIMBURSEMENT JULY 23		107.42

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Ferguson Waterworks QUOTE PRO CODER METERS AND R900 MIU'S 592-537-787.000 NED2F11RPEG11 592-537-787.000 N13341200	Invoice Amount: \$9,679.00 Check Date: 08/08/2023 6,890.60 2,788.40
FOX, DAVID WORK SHOES / FOX 101-336-767.000 WORK SHOES	Invoice Amount: \$190.69 Check Date: 08/08/2023 190.69
GDI Services Inc. INV#MIINV20215076 JULY FRIENDSHIP STATIO 101-673-822.000 INV#MIINV20215076 JULY SENIOR CLEANING	Invoice Amount: \$273.00 Check Date: 08/08/2023 273.00
GDI Services Inc. INV#MIINV20215077 JULY DPW CLEANING 2023 592-537-822.000 INV#MIINV20215077 JULY.DPW CLEANING	Invoice Amount: \$416.00 Check Date: 08/08/2023 416.00
GDI Services Inc. INV#MIINV20215075 JULY TWP HALL CLEANING 101-301-822.000 INV#MIINV20215075POLICE 101-336-822.000 INV#MIINV20215075 FIRE 101-265-822.000 INV#MIINV20215075 TWP HALL 101-325-822.000 INV#MIINV20215075 DISPATCH 101-351-822.000 INV#MIINV20215075 JAIL	Invoice Amount: \$2,686.00 Check Date: 08/08/2023 881.84 107.44 1,396.72 150.00 150.00
GFL Environmental USA, Inc. #0061947332 DPW RECYCLE CENTER 596-528-816.000 CARDBOARD/PAPER - DUMPSTER PULL 07/17/	Invoice Amount: \$182.00 Check Date: 08/08/2023 182.00
Granicus LLC FOIA MODULE NON ENTERPRISE 6/1/23 THRU 5/ 101-261-831.000 ANNUAL FOIA MODULE INV167971	Invoice Amount: \$3,287.17 Check Date: 08/08/2023 3,287.17
Great Lakes Ace Hardware INV # 9318/87 -- -OIL FOR TREE CUTTING/ROU 101-751-757.000 INV # 9318/87 - OIL/ROUND UP	Invoice Amount: \$106.47 Check Date: 08/08/2023 106.47
Great Lakes Water Authority GLWA - INDUSTRIAL WASTE CONTROL BILL 6/1/ 592-538-827.000 GLWA - INDUSTRIAL WASTE CONTROL BILL	Invoice Amount: \$137.83 Check Date: 08/08/2023 137.83
GUARDIAN ALARM CO INV#22772579 SENIOR CENTER ALARM MONITO 101-673-801.000 INV#22772579 SENIOR ALARM SERVICE	Invoice Amount: \$221.55 Check Date: 08/08/2023 221.55
GUARDIAN ALARM CO 46555 PORT ST ALARM #22773195 592-537-801.000 8/1/23-10/31/23	Invoice Amount: \$307.86 Check Date: 08/08/2023 307.86
Guinn, Adam REIMB FOR PARAMEDIC LICENSE RENEWAL GUI 101-336-957.000 PARA LIC RENEW REIMB FOR A. GUINN	Invoice Amount: \$25.00 Check Date: 08/08/2023 25.00
HALT FIRE INC INV# S0100325 REAR TIRES ON ENG 1 REPLACE 101-336-863.000-20 INV#S0100325 SHOP LABOR 101-336-863.000-20 DELIVERY	Invoice Amount: \$4,992.50 Check Date: 08/08/2023 437.50 150.00

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101-336-863.000-20	SHOP	22.00
101-336-863.000-20	TIRE,XDN2 MICHELIN	4,080.00
101-336-863.000-20	TIRE REPLACEMENT PARTS	180.00
101-336-863.000-20	VALVE STEM TIRE	43.00
101-336-863.000-20	DISPOSAL FEE	80.00

HALT FIRE INC**Invoice Amount: \$342.50**

INV# S0100341 LADDER 3 REGENERATED UNIT

Check Date: 08/08/2023

101-336-863.000-20	INV#S0100341 LABOR MOBILE	262.50
101-336-863.000-20	MILEAGE	80.00

HORTON PLUMBING**Invoice Amount: \$305.00**

INV#321347 UNCLOGGED CELLS 3 & 4 TOILETS

Check Date: 08/08/2023

101-301-930.000	INV#321347 UNCLOGGED TOILETS	305.00
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Hutson, Inc. of Michigan**Invoice Amount: \$2,684.85**

INV # 9867500- TRACTOR - REPLACE GEAR BOX,

Check Date: 08/08/2023

101-751-931.000	INV. 9867500	2,684.85
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Hutson, Inc. of Michigan**Invoice Amount: \$817.84**

INV # 9867476- TTURN COMPACT SPECIAL INSP

Check Date: 08/08/2023

101-751-931.000	INV. 9867476	817.84
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IMEG Corp.**Invoice Amount: \$2,418.00**

SCADA SERVER UPGRADE #21005276.00 - 14 7/

Check Date: 08/08/2023

592-537-831.000	SCADA #21005276.00 - 14	2,418.00
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ADVANCED PROPERTY EXPOSURE INC.**Invoice Amount: \$1,980.00**

INV # APX202300248 SMART CAPTURE LICENSE

Check Date: 08/08/2023

101-336-831.000	INV # APX202300248 MOBILE DEVICE LICENS	720.00
101-336-831.000	SMART VIEW SOFTWARE LICENSE	1,260.00

MAPLES ENVIRONMENTAL PEST CONTROL**Invoice Amount: \$150.00**

STATION 2 QUARTERLY PEST CONTROL

Check Date: 08/08/2023

101-336-823.000	STATION 2 QTR PEST CONTROL	150.00
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MAPLES ENVIRONMENTAL PEST CONTROL**Invoice Amount: \$160.00**

STATION 1 QUARTERLY PEST CONTROL

Check Date: 08/08/2023

101-336-823.000	STATION 1 QTR PEST CONTROL	160.00
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MAPLES ENVIRONMENTAL PEST CONTROL**Invoice Amount: \$175.00**

SENIOR CENTER QUARTERLY PEST CONTROL 7/

Check Date: 08/08/2023

101-673-823.000	QUARTELY PEST CONTROL 7/11/23	175.00
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MAPLES ENVIRONMENTAL PEST CONTROL**Invoice Amount: \$160.00**

STATION 3 QUARTERLY PEST CONTROL

Check Date: 08/08/2023

101-336-823.000	STATION 3 QTR PEST CONTROL	160.00
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MARK'S OUTDOOR POWER EQUIPMENT**Invoice Amount: \$39.67**

INV# 243518 CHAIN .404 MICRO CHISEL

Check Date: 08/08/2023

101-336-757.000	INV# 243518 CHAIN MICRO CHISEL	39.67
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Marquis Food Service, Inc.**Invoice Amount: \$44.50**

INV. 10650 7/27/2023 PRISONER MEALS

Check Date: 08/08/2023

101-351-801.000	BREAKFAST SANDWICHES	37.50
101-351-801.000	DELIVERY	7.00

Charter Township of Plymouth

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MICHIGAN.COM		Invoice Amount:	\$3,711.98
DET NEWS & FREE PRESS INV # 0005583197		Check Date:	08/08/2023
101-441-901.000	DET NEWS SIDEWALK GAP NOTICE		329.95
101-441-901.000	FREE PRESS SIDEWALK GAP NOTICE		329.95
101-737-901.000	DET NEWS PUBLIC HEARING 4/19		197.97
101-737-901.000	FREE PRESS PUBLIC HEARING 4/19		197.97
101-737-901.000	DET NEWS PUBLIC HEARING 4/19		197.97
101-737-901.000	FREE PRESS PUBLIC HEARING 4/19		197.97
101-737-901.000	DET NEWS PUBLIC HEARING 4/19		197.97
101-737-901.000	FREE PRESS PUBLIC HEARING 4/19		197.97
101-703-901.000	DET NEWS ZBA NOTICE 4/27		412.45
101-703-901.000	FREE PRESS ZBA NOTICE 4/27		412.45
101-441-901.000	DET NEWS PUBLIC HEARING 4/25		288.72
101-441-901.000	FREE PRESS PUBLIC HEARING 4/25		288.71
592-536-901.000	DET NEWS SEWER BACK-UP NOTICE		115.49
592-536-901.000	FREE PRESS SEWER BACK-UP NOTICE		230.96
592-536-901.000	DET NEWS SEWER BACK-UP NOTICE		115.48
MERLO CONSTRUCTION		Invoice Amount:	\$6,622.88
PL22-003 - GOLFVIEW PARK INSTALLATION PRO		Check Date:	08/08/2023
285-000-211.000	MERLO CONTRACT RETAINAGE RELEASE		6,622.88
MICHIGAN LINEN SERVICE		Invoice Amount:	\$82.00
INV. 494178 7/28/2023 PRISONER BLANKET CLE		Check Date:	08/08/2023
101-351-822.000	BLANKET CLEANING		70.00
101-351-822.000	ENVIRONMENTAL FEE		8.00
101-351-822.000	TEMP FUEL SURCHARGE		4.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$66.90
#493692 7/21/23		Check Date:	08/08/2023
592-537-767.000	7/21/23 UNIFORM CLEANING SERVICES - FEE		66.90
MICHIGAN LINEN SERVICE		Invoice Amount:	\$66.90
#493278 7/14/23		Check Date:	08/08/2023
592-537-767.000	7/14/23 UNIFORM CLEANING SERVICES - FEE		66.90
OFFICE DEPOT		Invoice Amount:	\$622.16
OFFICE SUPPLIES		Check Date:	08/08/2023
101-215-752.000	LABELS 1/2 5/8		12.08
101-262-752.000	LABELS 6786		17.75
101-215-752.000	PAPER		478.68
101-215-752.000	STAPLES		4.02
101-215-752.000	FILE FOLDERS		14.98
101-215-757.000	POST IT NOTES		21.99
101-215-752.000	SHEET PROTECTORS		10.90
101-215-752.000	CALENDAR TABS		15.20
101-215-757.000	AAA BATTERIES		18.74
101-215-757.000	DISPENSER NOTES		20.20
101-215-752.000	WRITING PADS		7.62
OFFICE DEPOT		Invoice Amount:	\$20.79
OFFICE SUPPLIES		Check Date:	08/08/2023
101-215-752.000	RING WRIST BLACK		6.40
101-215-752.000	RING WRIST KEYS RED		6.40
101-215-752.000	PAPERCLIPS		7.99

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OFFICE DEPOT		Invoice Amount:	\$62.64
OFFICE SUPPLIES		Check Date:	08/08/2023
	101-215-757.000	FALSH DRIVE 128G	62.64
OFFICE DEPOT		Invoice Amount:	\$9.04
OFFICE SUPPLIES		Check Date:	08/08/2023
	101-215-757.000	EAR BUDS	9.04
OFFICE DEPOT		Invoice Amount:	\$106.44
ORDER # 319584386-001 OFFICE SUPPLIES		Check Date:	08/08/2023
	101-336-752.000	WESTCOTT® TITANIUM BONDED SCISSORS, 8	13.22
	101-336-752.000	OFFICE DEPOT® BRAND BINDER CLIPS, SMAL	13.68
	101-336-752.000	OFFICE DEPOT® BRAND BINDER CLIPS, LARG	6.76
	101-336-752.000	OFFICE DEPOT® BRAND PAPER CLIPS, 1-7/8",	6.79
	101-336-752.000	SHARPIE® FINE POINT PERMANENT MARKERS	4.35
	101-336-752.000	SHARPIE® FINE POINT PERMANENT MARKERS	9.11
	101-336-752.000	OFFICE DEPOT® BRAND MESH SMALL DRAWE	9.64
	101-336-752.000	BROTHER® TZE-131 BLACK-ON-CLEAR TAPE,	10.57
	101-336-752.000	BROTHER® TZE-231 BLACK-ON-WHITE TAPE,	11.56
	101-336-752.000	BROTHER® TZE-232 RED-ON-WHITE TAPE, 0.	18.07
	101-336-752.000	OFFICE DEPOT® BRAND PAPER CLIPS, 1000 T	2.69
OFFICE DEPOT		Invoice Amount:	\$158.02
INV # 320020128001 AND # 320207445001 - SE		Check Date:	08/08/2023
	588-596-752.000	#9684150 - INK PACK FOR SENIOR CENTER	91.71
	101-171-752.000	#428468-POST IT NOTES FOR POP UP	13.75
	101-171-752.000	#0612001 - ADDRESS LABELS (SMALL)#	12.08
	101-171-752.000	#0941026 - ADRESS LABELS 1 X 4	31.99
	596-528-752.000	#0583974 - ALLSOP MOUSE PAD	8.49
OFFICE DEPOT		Invoice Amount:	\$20.92
INV # 320020128001 AND # 320207445001 - SE		Check Date:	08/08/2023
	596-528-752.000	#0425885 - PENTEL ENERGEL PENS	20.92
OFFICE DEPOT		Invoice Amount:	\$91.48
JULY BUILDING DEPARTMENT OFFICE SUPPLIES		Check Date:	08/08/2023
	101-371-752.000	AVERY BIG TAB PLASTIC DIVIDERS, 8-TAB	6.28
	101-371-752.000	AVERY DIVIDERS FOR 3-RING BINDERS, 8-TAB	9.32
	101-371-752.000	POST IT POP-UP NOTES & DISPENSER	14.52
	101-371-752.000	POST IT POP-UP NOTES, PACK OF 12	18.22
	101-371-752.000	MESH PAPER CLIP HOLDER	0.77
	101-371-752.000	WRITING PADS, PACK OF 12	7.62
	101-371-752.000	DOCKET WRITING TABLETS, PACK OF 8	16.99
	101-371-752.000	CLEANING DUSTER, PACK OF 3 CANS	17.76
OCCUPATIONAL HEALTH CENTERS OF MI		Invoice Amount:	\$433.00
# 7148928582 -- DPW-MELOW & OVERITIS -- U		Check Date:	08/08/2023
	592-537-835.000	DPW - MELOW- UDS & PHYSICA	154.00
	101-301-835.000	PD -WLOSEK - PREPLACEMENT	227.00
	592-537-835.000	DPW - OVERITIS - UDS & BAT	52.00
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$370.00
GENERAL DRIVE SAD - CA/CE #65349		Check Date:	08/08/2023
	101-441-803.000	PROFESSIONAL SERVICES #65349	370.00
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$1,950.00
AMI METER RFP #65350		Check Date:	08/08/2023

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592-537-803.000		AMI METER RFP #65350	1,950.00
PLM Lake & Land Management Corp.		Invoice Amount:	\$325.00
INV#4004514 WEED AND ALGAE TREATMENT T		Check Date:	08/08/2023
101-751-821.000	INV#4004514 POND TREATMENT TWP PARK		325.00
PLM Lake & Land Management Corp.		Invoice Amount:	\$76.50
INV#4004387 REIMBURSEMENT FOR 2023 PERM		Check Date:	08/08/2023
101-751-821.000	INVOICE PARK POND PERMITS FOR 2023		76.50
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$7,042.72
INV # - 23-0003901-- SENIOR TRANSPORTATIO		Check Date:	08/08/2023
101-673-860.000	SENIOR TRANSPORT 6/23		7,042.72
POSITIVE PROMOTIONS INC		Invoice Amount:	\$2,587.19
FIRE PREVENTION WEEK/ HATS, BOOKS,PENCI		Check Date:	08/08/2023
101-336-880.000	RED HATS-PERSONALIZED		412.50
101-336-880.000	BLACK HATS-PERSONALIZED		412.50
101-336-880.000	PINK HATS-PERSONALIZED		275.00
101-336-880.000	FILE FOR LIFE		189.00
101-336-880.000	PENCILS		93.00
101-336-880.000	GOODY BAGS		349.75
101-336-880.000	CRAYONS		176.00
101-336-880.000	ACTIVITY BOOKS		260.00
101-336-880.000	FEE		90.00
101-336-880.000	PENCILS TOPPERS		71.88
101-336-880.000	SHIPPING & HANDLING		257.56
PMT and Power Cleaning Systems		Invoice Amount:	\$224.00
INV # 82777538 COMPLETED MANUAL TRANSFE		Check Date:	08/08/2023
101-336-931.000	INV# 82777538 COMMERCIAL LABOR		179.00
101-336-931.000	MILEAGE		45.00
RELIABLE LANDSCAPING INC.		Invoice Amount:	\$8,345.00
INV#103433 MAY 2023 LAWN CUTTING AND BE		Check Date:	08/08/2023
101-336-821.000	FIRE STATION 2		700.00
101-336-821.000	FIRE STATION 3		650.00
592-537-821.000	DPW		600.00
101-673-821.000	FRIENDSHIP STATION		695.00
101-751-821.000	LAKE POINTE SOCCER PARK		3,450.00
101-751-821.000	MILLER FAMILY PARK		1,100.00
101-751-821.000	BRENTWOOD PARK		725.00
101-751-821.000	POINT PARK		425.00
R&R FIRE TRUCK REPAIR, INC.		Invoice Amount:	\$1,527.99
INV# 65912 ELECTRICAL SYSTEM/NEW ECU ON		Check Date:	08/08/2023
101-336-863.000	INV# 65912 NEW ECU ON R-2		783.00
101-336-863.000	DRIVE TO UNIT		52.50
101-336-863.000	ECU PART		582.51
101-336-863.000	FREIGHT		27.52
101-336-863.000	RETURN FROM UNIT		52.50
101-336-863.000	SHOP SUPPLIES		29.96
The Sweatshop Custom Emb & Press Tr		Invoice Amount:	\$215.00
INV# 177 SCREENED SHIRTS, TACTICAL POLO, E		Check Date:	08/08/2023
101-336-767.000	INV# 177 SCREENED CUSTOMER SUPPLIED SH		90.00
101-336-767.000	TACTICAL POLOS		90.00
101-336-767.000	EMBROIDER CUSTOMER SUPPLIED HATS		35.00

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TELEFLEX LLC		Invoice Amount:	\$1,345.50
INV# 9507207474 NEEDLE SETS + STABILIZER		Check Date:	08/08/2023
	101-336-773.000	INV# 9507207474 EZ-10 45MM NEEDLE SET	665.00
	101-336-773.000	EZ-10 45MM NEEDLE SET	665.00
	101-336-773.000	FREIGHT	15.50
T-MOBIL USA, INC.		Invoice Amount:	\$25.00
INV. 9538884513 7/12/2023 TOWER DUMP FOR		Check Date:	08/08/2023
	101-301-801.000	CASE #23-4360 (LARCENY CASE)	25.00
Tyler Technologies, Inc.		Invoice Amount:	\$100.00
INV # 025-415313 MAINTENANCE MOBILE EYES		Check Date:	08/08/2023
	101-336-831.000	INV#025-415313 OWE 100.00 FROM ORIG INV	100.00
USA Bio Care LLC		Invoice Amount:	\$200.00
INV. 03012485 7/30/2023 DECONTAMINATION O		Check Date:	08/08/2023
	101-351-822.000	BIO-HAZARD CLEANING - CELL	200.00
UPPER LEVEL GRAPHICS		Invoice Amount:	\$198.00
#5123-11		Check Date:	08/08/2023
	592-537-970.000	TRUCK BED GRAPHIC REPAIR	198.00
Vorva, Jerry		Invoice Amount:	\$312.16
REIMBURSEMENT CTY CLERKS QRTLY MEETING		Check Date:	08/08/2023
	101-215-757.000	WAYNE COUNTY CLERKS MEETING	25.18
	101-215-757.000	TABLES CLOTHES	7.95
	101-215-757.000	COOKIES KROGER	7.00
	101-215-757.000	BEVERAGES KROGER	85.67
	101-215-757.000	COOKIES KROGER	14.00
	101-215-757.000	BAKERHOUSE 46 CUPCAKES	139.07
	101-215-757.000	COSTCO WATER	7.98
	101-215-757.000	DOLLAR TREE CANISTERS	10.53
	101-215-757.000	KROGER FOAM CUPS	14.78
WAYNE COUNTY		Invoice Amount:	\$175.10
INV # 1011682-- TRAFFIC SIGNAL ENERGY 6/23		Check Date:	08/08/2023
	101-441-923.000	TRAFFIC SIG ENERGY 6/23 #1011682	175.10
WAYNE COUNTY APPRAISAL, LLC		Invoice Amount:	\$27,657.25
APPRAISAL SERVICES RENDERED - AUGUST 2023		Check Date:	08/08/2023
	101-257-801.000	Appraisal Services Rendered (Contract)	27,500.58
	101-257-801.000	Co-Star Services	156.67
WAYNE COUNTY APPRAISAL, LLC		Invoice Amount:	\$1,653.89
WCA ASSESSING - JUNE 2023 SPECIAL BILLING		Check Date:	08/08/2023
	101-257-801.000	JUNE 2023 SPECIAL BILLING - APPRAISAL	1,653.89
WIN-911 SOFTWARE		Invoice Amount:	\$800.00
ANNUAL RENEWAL OF CUSTOMER CARE SUBSCR		Check Date:	08/08/2023
	592-537-831.000	WIN-911/MAINT-R	800.00
ALEXANDRIA WINDOW,DOORS & METAL		Invoice Amount:	\$595.00
PERMIT REFUND PB23-0336		Check Date:	08/08/2023
	101-371-964.000	PERMIT REFUND PB23-0336	595.00
SOLOMON PLUMBING		Invoice Amount:	\$311.00
PERMIT REFUND PP23-0132		Check Date:	08/08/2023

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

101-371-964.000

PERMIT REFUND PP23-0132

311.00

SHEILA WORTMANN

Invoice Amount:

\$3,500.00

LIFE INSURANCE PAYOUT FOR ROBERT RORABA

Check Date:

08/08/2023

101-261-877.000

LIFE INSURANCE PAYOUT FOR ROBERT RORAB

3,500.00

Total Amount to be Disbursed:

\$212,537.97

Weekly 7/26/23
Page: 1/2

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

VENDOR INFORMATION

INVOICE INFORMATION

A T & T		Invoice Amount:	\$966.94
INV # 5473350800 - FIBER RADIO CIRCUITS - JUL		Check Date:	07/26/2023
101-325-850.000	INV # 5473350800 -FIB RADIO CIR 7/23		966.94
Carlisle Wortman Associates		Invoice Amount:	\$120.00
BD Bond Refund		Check Date:	07/26/2023
101-371-283.019	BPRE23-0052		120.00
COMCAST		Invoice Amount:	\$72.73
XFINITY ACCT 8529 10 216 0147277 -- INTERNET		Check Date:	07/26/2023
101-261-852.000	TOWNSHIP HALL INTERNET 6/23		72.73
COMCAST		Invoice Amount:	\$176.85
ACCT 8529 10 216 147285 TWP HALL INTERNET		Check Date:	07/26/2023
101-261-852.000	ACCT 8529 10 216 147285 7/23		176.85
COMCAST		Invoice Amount:	\$260.79
ACCT 8529 10 216 189980 SENIOR CENTER INTE		Check Date:	07/26/2023
101-673-852.000	INTERNET SERVICE - TWP GROUNDS		245.14
588-596-852.000	SENIOR SERVICES INTERNET		15.65
COMCAST		Invoice Amount:	\$156.85
ACCT 8529 10 216 0141585 - INTERNET PORT STI		Check Date:	07/26/2023
592-537-852.000	ACCT 8529 10 216 0141585 - 8/23		156.85
COMCAST		Invoice Amount:	\$293.35
ACCT 8529 10 216 0165469 - FIRE INTERNET STA		Check Date:	07/26/2023
101-336-852.000	ACCT 8529 10 216 0165469 8/23		293.35
MICH MUN RISK MGT AUTHORITY ECP		Invoice Amount:	\$16,878.33
#23061015 - ELECTRIC CHOICE MMRMA - JUNE 2		Check Date:	07/26/2023
101-171-920.000	ELECTRIC CHOICE - SUPERVISOR/HR		640.64
101-228-920.000	ELECTRIC CHOICE - IT		540.54
101-257-920.000	ELECTRIC CHOICE - ASSESSING		220.22
101-215-920.000	ELECTRIC CHOICE - CLERK		915.32
101-253-920.000	ELECTRIC CHOICE - TREASURER		330.33
101-265-920.000	ELECTRIC CHOICE - TWP HALL - HAACK		20.02
101-673-920.000	ELECTRIC CHOICE - SR SERVICES		30.03
101-301-920.000	ELECTRIC CHOICE - POLICE		2,782.79
101-325-920.000	ELECTRIC CHOICE - DISPATCH		1,041.04
101-351-920.000	ELECTRIC CHOICE - LOCK-UP		850.85
101-336-920.000	ELECTRIC CHOICE - FIRE		490.49
101-371-920.000	ELECTRIC CHOICE - BUILDING DEPT		800.80
101-701-920.000	ELECTRIC CHOICE - COMM. DEV.		60.06
596-528-920.000	ELECTRIC CHOICE - RUBBISH		30.03
592-536-920.000	ELECTRIC CHOICE - DPS		900.90
592-537-920.000	ELECTRIC CHOICE - WATER		2,518.77
101-336-920.000	ELECTRIC CHOICE - FIRE		3,287.64
101-751-920.000	ELECTRIC CHOICE - PARKS		793.14
101-673-920.000	ELECTRIC CHOICE - FRIENDSHIP STATION		252.63
588-596-920.000	ELECTRIC CHOICE - TRANSPORTATION		16.13
101-191-920.000	ELECTRIC CHOICE - FINANCE		355.96
DTE ENERGY		Invoice Amount:	\$15.73
9200-013-7823-0 - FS # 2 SERVICE - JULY 2023		Check Date:	07/26/2023
101-336-920.000	FS #2 ELECTRIC SERVICE JULY 2023		15.73

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

Page: 2/2

VENDOR INFORMATION

INVOICE INFORMATION

HONKE, ANITA		Invoice Amount:	\$164.90
HONKE - MEDICARE PART B - AUGUST 2023		Check Date:	07/26/2023
101-336-875.000	MEDICARE PART B - AUGUST 2023		164.90
KNUPP, LINDA		Invoice Amount:	\$164.90
KNUPP - 2023 MEDICARE PART B - AUGUST 2023		Check Date:	07/26/2023
101-336-875.000	KNUPP-MEDICARE PART B -AUGUST 2023		164.90
CARLAS MAAS		Invoice Amount:	\$221.10
CARLAS MASS - MEDICARE PART B - AUGUST 2023		Check Date:	07/26/2023
101-336-875.000	MEDICARE PART B - AUGUST 2023		221.10
UNITED STATES TREASURY		Invoice Amount:	\$253.89
QUARTERLY FEDERAL EXCISE TAX RETURN E		Check Date:	07/26/2023
101-261-718.000	2023 FORM 720 PCORI FEE EIN#38-6007665		253.89
Total Amount to be Disbursed:			\$19,746.36

F. 1



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Presentation and Resolution to approve Western Townships Utilities Authority (WTUA) Budget for 2023-2024

PRESENTER: Suzanne Reel, WTUA Finance Director

BACKGROUND: Suzanne Reel, Finance Director for WTUA, will be making the annual budget presentation to the Board of Trustees on August 22. The budget needs to be approved by Plymouth, Canton and Northville Townships. The budget draft has been reviewed without objection by the WTUA Board of Directors, comprised of the Supervisors of the three townships. Suzanne has also provided us with a Resolution to adopt the budget.

PROPOSED MOTION: I move that the Board of Trustees approve Resolution #2023-08-22-68 adopting the 2023-2024 WTUA Budget per the recommendations of the WTUA Finance Director.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi, ___Buckley, ___Monaghan, ___Doroshewitz, ___Stewart, ___Heise

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

RESOLUTION # 2023-08-22-68

ADOPTION OF WESTERN TOWNSHIPS UTILITIES AUTHORITY ANNUAL BUDGET

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 August 22, 2023, the following resolution was offered:

WHEREAS, Western Townships Utilities Authority has prepared a proposed budget for the fiscal year ending September 30, 2024, which has been reviewed by the Finance Committee on July 12, 2023 and the Board of Commissioners on July 24, 2023; and

WHEREAS, the Authority is required to submit a budget to each of the member Townships for approval in August of each year,

NOW, THEREFORE BE IT RESOLVED that the departmental budget for the Authority as presented on page 1 of the Proposed Annual Budget for the fiscal year ending September 30, 2024, in the amounts presented, is hereby approved.

Moved by: _____ Supported by: _____

Roll Call Vote

Ayes:

Nays:

Adopted: Regular Meeting of the Board of Trustees on August 22, 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: 2023-08-22-68

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

**RESOLUTION TO APPROVE THE WESTERN TOWNSHIPS UTILITIES AUTHORITY
(WTUA) PROPOSED ANNUAL BUDGET DOCUMENT FOR THE FISCAL YEAR
ENDING SEPTEMBER 30, 2023**

RESOLUTION #2022-07-26-45

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, on July 26, 2022, the following resolution was offered:

WHEREAS, Western Townships Utilities Authority has prepared a proposed budget for the fiscal year ending September 30, 2023, which has been reviewed by the Finance Committee on July 7, 2022 and the Board of Commissioners on July 25, 2022; and

WHEREAS, the Authority is required to submit a budget to each of the member Townships for approval in August of each year,

NOW, THEREFORE BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2022-07-26-45 authorizing the departmental budget for the Authority as presented on page 1 of the Proposed Annual Budget for the fiscal year ending September 30, 2023, in the amounts presented, is hereby approved.

Moved by: Vorva and Seconded by: Doroshewitz

ROLL CALL:

Clerk Vorva, Trustee Monaghan, Treasurer Doroshewitz, Supervisor Heise, Trustee Stewart

Adopted:

Regular Meeting of the Board of Trustees on July 26, 2022



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: 2022-07-26-45

Western Townships Utilities Authority

SERVING THE CHARTER TOWNSHIPS OF CANTON, NORTHVILLE AND PLYMOUTH

ANNUAL BUDGET YEAR ENDING SEPTEMBER 30, 2024

**VERSION 1 - FINANCE COMMITTEE REVIEW
BOARD STUDY SESSION
TOWNSHIP APPROVALS**

Prepared by:

Suzanne Balan, Accountant
Aaron Sprague, Director of Operations
Jack Polhill, OMI Project Manager

Reviewed by:

WTUA Finance Committee - July 12, 2023
Board of Commissioners Study Session - July 24, 2023

**WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET
OCTOBER 1, 2023 - SEPTEMBER 30, 2024**

Audited 2020/2021 Actual	Audited 2021/2022 Actual	Approved 2022/2023 Budget	Amended 2022/2023 Budget	Current YTD 7/28/2023	Projected 2022/2023	Recommended 2023/2024 Budget	% Variance Over/(Under) 2022/2023 Budget	% Variance Over/(Under) 2022/2023 Projected
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OPERATIONS BUDGET

REVENUES

Township billings	\$ 8,417,981	\$ 8,660,200	\$ 9,452,930	\$ 9,452,930	\$ 7,823,062	\$ 9,440,087	\$ 9,979,570	5.57%	5.71%
Saw grant funds								0.00%	0.00%
Interest earnings & other revenue	18,735	29,294	-	-	79	79	-	0.00%	0.00%
Total Revenues	8,434,716	8,689,494	9,452,930	9,452,930	7,823,141	9,440,166	9,979,570	5.57%	5.71%

EXPENDITURES

Sewage treatment charges	\$ 5,567,567	\$ 5,524,528	\$ 6,167,167	\$ 6,167,167	\$ 5,250,198	\$ 6,165,256	\$ 6,604,745	7.10%	7.13%
Operations and maintenance	1,795,517	2,104,519	2,389,253	2,389,253	1,687,564	2,383,000	2,477,020	3.67%	3.95%
Administrative	474,985	505,396	614,450	614,450	420,164	609,650	629,028	2.37%	3.14%
YCUA capacity rental	384,630	322,936	282,060	282,060	282,060	282,060	268,777	(4.71%)	(4.71%)
Total Expenditures	8,202,599	8,457,379	9,452,930	9,452,930	7,639,877	9,440,166	9,979,570	5.57%	5.71%

NET OPERATING INCOME

\$ 232,117	\$ 232,116	\$ -	\$ -	\$ (16,846)	\$ -	\$ -
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WORKING CAPITAL

Beginning balance	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890
Reduction of GASB68 Liability	(232,117)	(232,116)	-	-	-	-	-
Revenues less expenditures	232,117	232,116	-	-	(16,846)	-	-
Ending balance	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890	\$ 262,044	\$ 278,890	\$ 278,890

**WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET
SUPPLEMENTAL INFORMATION
DETAIL WORKSHEETS**

*Sewage Treatment Charges
Operations & Maintenance Overview
Lower Rouge and Middle Rouge
Force Main, Collection System, Vehicle and Saw Grant Expenditures
Administrative
Administrative-Detail of Computer Expense
Analysis of Bond Debt Service
Additional Debt Service Information*

**WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2023 - SEPTEMBER 30, 2024**

Audited 2020/2021 Actual	Audited 2021/2022 Actual	Approved 2022/2023 Budget	Amended 2022/2023 Budget	Current YTD 7/26/2023	Projected 2022/2023	Recommended 2023/2024 Budget
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SEWAGE TREATMENT CHARGES

YCUA:

Sewage treatment charges	5,795,635	5,996,837	5,800,048	5,800,048	4,310,321	5,298,137	6,240,627
Industrial pre-treatment charges	120,371	116,261	135,000	135,000	93,948	135,000	132,000
GASB 68 - UAAL pension (fixed)	232,116	232,116	232,119	232,119	174,087	232,119	232,118
Lookback	(565,318)	(588,570)	-	-	671,842	500,000	
Sewage Treatment Total	\$ 5,582,804	\$ 5,756,644	\$ 6,167,167	\$ 6,167,167	\$ 5,250,198	\$ 6,165,256	\$ 6,604,745

SEWAGE TREATMENT DETAIL CALCULATIONS

Treatment Agency	Estimated Flows (1,000 gallons)	Period (from/to)	Rate	Rate Change (%)	Projected Cost (\$)
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YCUA

Sewage treatment charges-projected rate	4,758,078	Oct-23 - Aug-24	(per 1,000 gallons) 1.203906	10.00%	5,728,278
Sewage treatment charges-projected rate	386,884	Sept-24	1.324297	10.00%	512,349

Total flows YCUA	5,144,962	Total treatment charges YCUA	6,240,627
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Flows are based upon actual metered sewage flow

YCUA-IPP Charges

Canton Township	45,000
Northville Township	23,000
Plymouth Township	64,000
Total YCUA IPP Charges	132,000

UAAL for pension - fixed amount

232,118

Total YCUA 6,604,745

Total Sewage Treatment Charges \$ 6,604,745

**WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2023 - SEPTEMBER 30, 2024**

Audited 2020/2021 Actual	Audited 2021/2022 Actual	Approved 2022/2023 Budget	Amended 2022/2023 Budget	Current YTD 7/28/2023	Projected 2022/2023	Recommended 2023/2024 Budget	% Variance Over/(Under) 2022/2023 Budget	% Variance Over/(Under) 2022/2023 Projected
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OPERATIONS AND MAINTENANCE OVERVIEW

Lower Rouge	\$ 974,345	\$ 1,172,083	\$ 1,166,309	\$ 1,166,309	\$ 845,252	\$ 1,159,309	\$ 1,203,765	3.21%	3.83%
Middle Rouge	443,026	434,917	549,007	549,007	433,849	574,005	585,971	6.71%	2.07%
Force Main	60,652	62,230	92,368	92,368	59,562	92,368	98,217	4.17%	4.17%
Collection System	314,734	431,362	574,068	574,068	247,259	549,818	583,667	1.67%	6.18%
Vehicle	2,762	3,927	7,500	7,500	1,842	7,500	7,500	0.00%	0.00%
Saw Grant expenditures								0.00%	0.00%
Operation & Maintenance Total	\$ 1,798,518	\$ 2,104,619	\$ 2,389,253	\$ 2,389,253	\$ 1,687,564	\$ 2,383,000	\$ 2,477,020	3.67%	3.95%

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2023 - SEPTEMBER 30, 2024

Audited 2020/2021 Actual	Audited 2021/2022 Actual	Approved 2022/2023 Budget	Amended 2022/2023 Budget	Current YTD 7/26/2023	Projected 2022/2023	Recommended 2023/2024 Budget	% Variance Over/(Under) 2022/2023 Budget	% Variance Over/(Under) 2022/2023 Projected
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LOWER ROUGE

O&M Contractor	\$ 299,089	\$ 306,156	\$ 316,841	\$ 316,841	\$ 293,085	\$ 316,841	\$ 336,085	6.07%	6.07%
Parts	8,618	12,925	15,000	15,000	14,051	15,000	15,000	0.00%	0.00%
Communications	3,052	4,512	3,500	3,500	3,459	3,500	3,500	0.00%	0.00%
Instrumentation Service	2,910	2,910	4,000	4,000	2,910	4,000	4,000	0.00%	0.00%
Alarm Monitoring	4,181	2,416	4,000	4,000	1,931	4,000	4,000	0.00%	0.00%
Prev/Predictive Maintenance	14,335	13,857	20,000	20,000	21,269	22,000	22,000	10.00%	0.00%
Inspections/Permits/Licenses	992	1,975	3,000	3,000	2,533	3,000	3,000	0.00%	0.00%
Janitorial	3,274	3,351	3,468	3,468	3,208	3,468	3,468	6.10%	6.10%
General Maintenance	1,530	3,441	4,000	4,000	1,240	4,000	4,000	0.00%	0.00%
Lawn Maintenance	2,262	2,254	4,000	4,000	736	4,000	4,000	0.00%	0.00%
Snow Removal	6,909	6,362	7,000	7,000	5,956	7,000	7,000	0.00%	0.00%
Landscape Maintenance	490	-	3,500	3,500	529	3,500	3,500	0.00%	0.00%
Flow Meter Maintenance	4,425	5,600	8,000	8,000	6,600	8,000	8,000	0.00%	0.00%
Electric	539,183	652,527	550,000	550,000	461,401	560,000	560,000	1.82%	0.00%
Natural Gas	19,062	24,286	27,000	27,000	29,537	30,000	30,000	11.11%	0.00%
Water/Sewer	60,341	64,979	75,000	75,000	40,416	75,000	75,000	0.00%	0.00%
Supplies and Tools	2,650	2,607	8,000	8,000	10,095	11,000	11,000	37.50%	0.00%
Fuel	-	-	10,000	10,000	-	10,000	10,000	0.00%	0.00%
Corrective Maintenance	1,040	61,925	100,000	100,000	46,295	75,000	100,000	0.00%	33.33%
Lower Rouge Total	\$ 974,345	\$ 1,172,083	\$ 1,166,309	\$ 1,166,309	\$ 945,252	\$ 1,159,309	\$ 1,203,765	3.21%	3.83%

Budget includes a 6.5% increase effective 1/1/2024

Suzanne:
Switchgear cleaning
for NPS & SPS

MIDDLE ROUGE

O&M Contractor	\$ 179,454	\$ 183,693	\$ 190,104	\$ 190,104	\$ 175,851	\$ 190,105	\$ 201,651	6.07%	6.07%
Parts	5,522	1,793	7,500	7,500	649	7,500	7,500	0.00%	0.00%
Communications	1,814	1,576	2,200	2,200	847	2,200	2,200	0.00%	0.00%
Instrumentation Service	2,910	2,910	4,000	4,000	2,910	4,000	4,000	0.00%	0.00%
Alarm Monitoring	2,619	2,642	2,000	2,000	2,084	2,000	2,000	0.00%	0.00%
Prev/Predictive Maintenance	198	3,118	8,000	8,000	941	8,000	8,000	0.00%	0.00%
Inspections/Permits/Licenses	2,512	1,035	4,000	4,000	1,365	4,000	4,000	0.00%	0.00%
Janitorial	4,911	5,027	5,203	5,203	4,812	5,200	5,520	6.10%	6.15%
General Maintenance	1,286	1,911	5,000	5,000	1,737	5,000	5,000	0.00%	0.00%
Lawn Maintenance	6,413	5,548	8,000	8,000	1,943	8,000	8,000	0.00%	0.00%
Snow Removal	6,679	6,758	7,000	7,000	6,211	7,000	7,000	0.00%	0.00%
Landscape Maintenance	665	1,860	4,000	4,000	718	4,000	4,000	0.00%	0.00%
Flow Meter Maintenance	20,700	20,625	26,000	26,000	20,000	26,000	26,000	0.00%	0.00%
Electric	187,514	169,826	175,000	175,000	116,323	175,000	175,000	0.00%	0.00%
Odor Control Chemicals	4,682	4,145	10,000	10,000	4,568	10,000	10,000	0.00%	0.00%
Natural Gas	8,367	10,044	18,000	18,000	8,857	18,000	18,000	0.00%	0.00%
Water/Sewer	3,711	5,652	15,000	15,000	5,257	15,000	15,000	0.00%	0.00%
Supplies and Tools	488	1,750	8,000	8,000	2,860	8,000	8,000	0.00%	0.00%
Corrective Maintenance	2,582	5,004	50,000	50,000	75,715	75,000	75,000	50.00%	0.00%
Middle Rouge Total	\$ 443,026	\$ 434,917	\$ 549,007	\$ 549,007	\$ 433,649	\$ 574,005	\$ 585,871	6.71%	2.07%

Trihedral/Scada maintenance \$2,910.

\$8000 for switchgear cleaning, rotating with NPS & SPS at Lower

**WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2023 - SEPTEMBER 30, 2024**

Audited 2020/2021 Actual	Audited 2021/2022 Actual	Approved 2022/2023 Budget	Amended 2022/2023 Budget	Current YTD 7/26/2023	Projected 2022/2023	Recommended 2023/2024 Budget	% Variance Over/(Under) 2022/2023 Budget	% Variance Over/(Under) 2022/2023 Projected
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FORCE MAIN

O&M Contractor	\$ 59,818	\$ 61,231	\$ 63,368	\$ 63,368	\$ 58,617	\$ 63,368	\$ 67,217	6.07%	6.07%
Parts	-	304	6,000	6,000	381	6,000	6,000	0.00%	0.00%
Communications	549	593	1,000	1,000	564	1,000	1,000	0.00%	0.00%
Grounds Maintenance	-	-	500	500	-	500	500	0.00%	0.00%
Supplies and Tools	285	101	1,500	1,500	-	1,500	1,500	0.00%	0.00%
Corrective Maintenance	-	-	20,000	20,000	-	20,000	20,000	0.00%	0.00%
Force Main Total	\$ 60,652	\$ 62,230	\$ 92,368	\$ 92,368	\$ 59,562	\$ 92,368	\$ 96,217	4.17%	4.17%

COLLECTION SYSTEM

O&M Contractor	\$ 59,818	\$ 61,231	\$ 63,368	\$ 63,368	\$ 58,617	\$ 63,368	\$ 67,217	6.07%	6.07%
Infrastructure Maintenance	60,139	169,171	150,000	150,000	1,425	150,000	150,000	3.60%	0.00%
Parts	49	1,699	1,000	1,000	404	1,000	1,000	0.00%	0.00%
Communications	2,284	1,848	4,000	4,000	1,525	4,000	4,000	0.00%	0.00%
Instrumentation Service	-	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Prev/Predictive Maintenance	-	2,479	2,000	2,000	1,952	2,000	2,000	0.00%	0.00%
Inspections	-	-	500	500	1,250	1,250	1,250	150.00%	0.00%
Building Maintenance	-	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Grounds Maintenance	-	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Flow Meter Maintenance	140,100	138,670	160,000	160,000	119,600	165,000	165,000	3.13%	0.00%
Miss Dig	5,151	5,111	5,200	5,200	4,167	5,200	5,200	0.00%	0.00%
Electric	10,225	9,883	12,000	12,000	6,392	12,000	12,000	0.00%	0.00%
Supplies and Tools	-	-	1,000	1,000	82	1,000	1,000	0.00%	0.00%
Fuel	-	-	2,000	2,000	-	2,000	2,000	0.00%	0.00%
Equip Purchases/Flow Meters	-	20,457	50,000	50,000	44,225	50,000	50,000	0.00%	0.00%
Corrective Maintenance	36,967	20,813	120,000	120,000	7,620	90,000	120,000	0.00%	33.33%
Collection System Total	\$ 314,734	\$ 431,362	\$ 574,068	\$ 574,068	\$ 247,259	\$ 549,818	\$ 583,667	1.67%	6.16%

Estimate of sewer cleaning: 150K

SCADA maintenance due to exiting Wayne County system

VEHICLE

Parts	\$ -	\$ -	\$ 500	\$ 500	\$ -	\$ 500	\$ 500	0.00%	0.00%
Prev/Predictive Maintenance	53	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Fuel	2,047	3,532	4,000	4,000	1,842	4,000	4,000	0.00%	0.00%
Corrective Maintenance	662	395	2,000	2,000	-	2,000	2,000	0.00%	0.00%
Vehicle Totals	\$ 2,762	\$ 3,927	\$ 7,500	\$ 7,500	\$ 1,842	\$ 7,500	\$ 7,500	0.00%	0.00%

SAW GRANT EXPENDITURES

Saw Grant Expenditure Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	0.00%
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**WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2023 - SEPTEMBER 30, 2024**

Audited 2020/2021 Actual	Audited 2021/2022 Actual	Approved 2022/2023 Budget	Amended 2022/2023 Budget	Current YTD 7/26/2023	Projected 2022/2023	Recommended 2023/2024 Budget	% Variance Over/(Under) 2022/2023 Budget	% Variance Over/(Under) 2022/2023 Projected
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ADMINISTRATIVE

Salaries & Fringe Benefits

Director of Operations	\$ 113,207	\$ 116,173	\$ 119,207	\$ 119,207	\$ 96,130	\$ 119,207	\$ 124,630	4.55%	4.55%
Accountant	66,642	68,110	79,833	79,833	56,329	79,833	83,465	4.55%	4.55%
Administrative Assistant	59,088	61,003	62,390	62,390	50,314	62,390	65,228	4.55%	4.55%
Construction Management Observer	-	-	-	-	-	-	-	0.00%	0.00%
Overtime	-	-	-	-	-	-	-	0.00%	0.00%
Sick pay accrual	2,400	2,441	3,000	3,000	1,800	2,400	2,400	(20.00%)	0.00%
Temporary Services	-	-	3,000	3,000	-	-	3,000	0.00%	100.00%
FICA	18,304	18,792	20,000	20,000	15,538	20,000	21,000	5.00%	5.00%
Workers Comp Insurance	598	(81)	1,200	1,200	562	1,200	1,200	0.00%	0.00%
Health Insurance	45,333	41,151	49,000	49,000	40,496	48,000	49,000	0.00%	2.08%
Health Insurance Opt Out	-	-	-	-	-	-	-	0.00%	0.00%
Vision Plan	-	600	1,200	1,200	30	1,200	1,200	0.00%	0.00%
Dental Insurance	3,313	2,785	4,000	4,000	2,748	4,000	4,000	0.00%	0.00%
STD/LTD/Life Insurance	3,992	4,410	5,000	5,000	4,402	5,000	5,000	0.00%	0.00%
Education Expense	-	-	3,000	3,000	-	3,000	3,000	0.00%	0.00%
Pension Plan Expense	35,841	36,793	41,375	41,375	30,416	41,375	42,180	1.95%	1.95%
Subtotal	348,719	352,177	392,205	392,205	298,765	387,605	405,303	3.34%	4.57%

Reimbursable Expenses

Training/Conference	607	448	2,000	2,000	1,526	2,000	2,000	0.00%	0.00%
Travel/Meal Reimbursement	45	-	500	500	-	500	500	0.00%	0.00%
Mileage Reimbursement	32	78	2,000	2,000	66	2,000	2,000	0.00%	0.00%
Subtotal	683	526	4,500	4,500	1,592	4,500	4,500	0.00%	0.00%

Office Expenses

Supplies	1,619	1,396	3,000	3,000	949	3,000	3,000	0.00%	0.00%
Computer	44,752	64,615	52,000	52,000	44,783	52,000	72,000	38.46%	38.46%
Equipment/Furniture	2,131	-	5,000	5,000	-	5,000	5,000	0.00%	0.00%
Printing/Copying	702	930	2,000	2,000	426	2,000	2,000	0.00%	0.00%
Postage	-	348	1,000	1,000	378	1,000	1,000	0.00%	0.00%
Telephone	2,101	2,530	3,500	3,500	1,784	3,500	3,500	0.00%	0.00%
Newspapers/Publications	-	-	2,000	2,000	-	2,000	1,000	(50.00%)	(50.00%)
Outside Services	1,044	1,044	2,000	2,000	783	2,000	2,000	0.00%	0.00%
Memberships/Dues	2,076	1,289	2,000	2,000	1,217	2,000	2,000	0.00%	0.00%
Miscellaneous	28	648	750	750	113	750	750	0.00%	0.00%
Subtotal	54,451	72,801	73,250	73,250	50,433	73,250	92,250	25.94%	25.94%

Outside Services

Legal-Consulting	5,839	8,325	44,000	44,000	8,382	44,000	25,000	(43.18%)	(43.18%)
Other Legal	-	-	10,000	10,000	-	10,000	10,000	0.00%	0.00%
Audit	17,375	17,895	19,495	19,495	19,495	19,495	20,975	7.59%	7.59%
Financial Consulting	550	4,620	10,000	10,000	6,260	10,000	10,000	0.00%	0.00%
Indirect Engineering Services	1,110	2,431	10,000	10,000	641	10,000	10,000	0.00%	0.00%
Bank & Bond Services	1,085	1,044	1,000	1,000	735	1,000	1,000	0.00%	0.00%
Insurance Services	45,072	45,578	50,000	50,000	33,863	50,000	50,000	0.00%	0.00%
Subtotal	71,032	79,891	144,495	144,495	69,375	144,495	126,975	(12.12%)	(12.12%)

Administrative Total	\$ 474,885	\$ 505,396	\$ 614,450	\$ 614,450	\$ 420,164	\$ 609,850	\$ 629,028	2.37%	3.14%
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Budget includes a 5% increase for staff effective for the first pay of 2024. Director's includes increase approved by Board

Budget is assuming no opt-outs

Suzi:
New server needed, estm \$10k, new firewall estm \$4k, new PCs \$4k in addition to support

**WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2023 - SEPTEMBER 30, 2024**

**ADMINISTRATIVE
DETAIL OF COMPUTER EXPENSE**

<u>Contractors</u>	
Network Support	\$ 26,400
Email and website hosting	2,000
Internet services/static ip	2,500
<u>Support</u>	
Lucity (GBA) IMS Support	6,100
Fund Balance32 Support Package (Oct. 1 - Sept. 30)	700
ArcGIS Support	800
<u>Software</u>	
H2O Metrics	15,000
Virus protection/spam software	1,500
Firewall subscription	4,000
Microsoft office 365 annual fees	1,000
Miscellaneous software - new/upgrades	2,000
<u>Hardware</u>	
New Server	10,000
Total	\$ 72,000

WTUA Asset Management & Capital Improvement Plan

WTUA Needs and Costs Analysis - Summary

Analysis Tools

Budget Category	Combined
Level of Service	Medium
Beginning Year of 20-yr Planning Period	2022

Interceptor Analysis Tools

Condition Rating Type	Maximum of Either
Risk Threshold	200

Level of Service Criteria

If difficulty is:		Level of Service is:
less than (0 min.)	2	High
in between these limits	5	Medium
greater than (10 max.)	5	Low

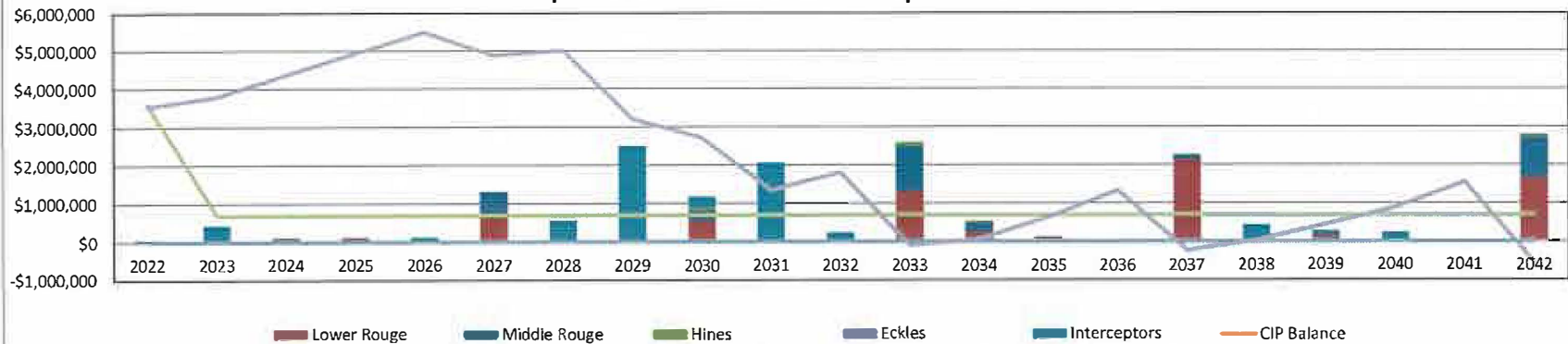
Shaded cells may be manipulated on this sheet to alter analysis.

Worksheet password is: **wtuasaw**

Estimated 20-year Financial Outlay (present day dollars)

Lower Rouge PS	\$7,169,000
Middle Rouge PS	\$3,600,000
Hines PS	\$314,125
Eckles PS	\$0
Interceptors	\$7,057,900
Total	\$18,141,025

Capitalized Maintenance and Replacement Costs



WTUA Asset Management & Capital Improvement Plan

WTUA Needs and Costs Analysis - Funding Requirements

Shaded cells may be manipulated on this sheet to alter analysis.

CIP

Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Estimated Budget	3,483,695	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000	600,000
Planned Expenditures	-	-	-	-	-	-	-	-	-	-
Running Total	-	-	-	-	-	-	-	-	-	-
Allocation of CIP budget:										
Canton		173,988	173,988	173,988	173,988	173,988	173,988	173,988	173,988	173,988
Northville		275,991	275,991	275,991	275,991	275,991	275,991	275,991	275,991	275,991
Plymouth		150,022	150,022	150,022	150,022	150,022	150,022	150,022	150,022	150,022

O&M **Will be billed through Operations & Maintenance budget. Allocations will vary and will be determined on a project basis

Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Estimated Budget	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Planned Expenditures	-	-	-	-	-	-	-	-	-	-
Running Total	-	-	-	-	-	-	-	-	-	-

Combined

Year	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
Estimated Budget	3,583,695	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000	700,000
Planned Expenditures	60,600	501,300	127,800	125,000	133,200	1,142,500	572,200	2,502,400	1,188,400	2,070,600
Running Total	3,523,095	3,721,795	4,293,995	4,868,995	5,435,795	4,993,295	5,121,095	3,318,695	2,830,295	1,459,695



**CHARTER TOWNSHIP OF PLYMOUTH
REQUEST FOR BOARD ACTION**

MEETING DATE: August 22, 2023

ITEM: Initial Appointments to the Township Veterans Commission

PRESENTERS: Supervisor Heise

BACKGROUND: The Plymouth Township Veterans Commission was created by Ordinance #29 at our May 9, 2023, Board Meeting. Under our Ordinance, nine members need to be appointed to serve on the Commission. Members shall be appointed for staggered terms of three (3) years.

Applications for the members being proposed are attached to this memo; we have also invited them to the August 22 meeting.

PROPOSED MOTION: I move to approve Resolution 2023-08-22-69, appointing the initial nine members of the Plymouth Township Veterans Commission for the terms specified therein.

Moved By _____ Seconded By _____

ROLL CALL:

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

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

RESOLUTION # 2023-08-22-69

**RESOLUTION APPOINTING THE INITIAL MEMBERS OF THE PLYMOUTH
TOWNSHIP VETERANS COMMISSION**

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the 'Board'), held at Township Hall, 9955 N. Haggerty Road, Plymouth, MI on August 22, 2023, the following resolution was offered:

WHEREAS, the Plymouth Township Board of Trustees approved Township Ordinance 1016 Amendment # _____ (Resolution 2023-05-09-41) on May 9, 2023 creating the Plymouth Township Veterans Commission, and;

WHEREAS, the Ordinance requires the appointment of nine (9) individuals that best serve the goals and objectives of the Commission, and;

WHEREAS, the Ordinance also requires staggered terms of office for those Commissioners initially appointed;

NOW, THEREFORE BE IT RESOLVED, that the Plymouth Township Board of Trustees hereby appoints the following Township residents for the specific initial terms as indicated herein, such terms to become effective retroactively to June 30, 2023:

- | | | |
|----|---------------------|---------|
| 1. | Krista McKinley | 3 years |
| 2. | Ron King | 3 years |
| 3. | Jacquelyn Lyssiotis | 3 years |
| 4. | Kirkland Kohn | 2 years |
| 5. | Michael Richardson | 2 years |
| 6. | Jennifer Buckley | 2 years |
| 7. | John Lockwood | 1 year |
| 8. | John Roberts | 1 year |
| 9. | David Tanana | 1 year |

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

Moved by:

Supported by:

Roll Call Vote

Ayes:

Nays:

Adopted: Regular Meeting of the Board of Trustees on August 22, 2023.

Jerry Vorva, Clerk, Charter Township of Plymouth

Charter Township of Plymouth
Board and/or Commission Application

6/28/2023

First Name: RONALD Last Name: KING SSN:** _____

Address: 41217 MARLIN ST. City: PLYMOUTH State: MI Zip: 48170

Home Phone: _____ Mobile Phone: 734 679-6424 Work Phone: _____ Ext: _____

Fax: _____ Primary Email: kingr.470@gmail.com Alt. Email: _____

Board and/or Commission Applying for: VETERANS COMMISSION

Why are you seeking appointment to the above Board or Commission?: BEING AN ACTIVE ADVOCATE FOR ALL VETERANS IN OUR COMMUNITY IS VERY IMPORTANT TO ME. MOREOVER, I WANT TO HELP OUR VETERANS TO RECEIVE THE BENEFITS AND ENTITLEMENTS THAT THEY HAVE EARNED, AND TO HELP THEM NAVIGATE THROUGH THE VA SYSTEM.

Work History: I AM A RETIRED AIR FORCE MAJOR WITH 22 YEARS OF ACTIVE DUTY TO MY COUNTRY. I AM ALSO A VIETNAM VETERAN. AFTER THE AIR FORCE CAREER, I WORKED AT DESOIT NORTHWEST AIRLINES AS AN AIRCRAFT MAINTENANCE MANAGER FOR 10 YEARS. LAST POSITION - MAINTENANCE MANAGER AT TECHNICOLOR VIDEO SERVICES.

Education: BA DEGREE IN HISTORY & POLITICAL SCIENCE FROM WAYNE STATE UNIVERSITY. MA DEGREE IN PUBLIC ADMINISTRATION FROM CENTRAL MICHIGAN UNIVERSITY. SUBSTITUTE TEACHER AT THE BURGER SCHOOL FOR AUTISM.

Community Involvement: BOARD MEMBER, COORDINATOR, AND TUTOR FOR THE PLYMOUTH ENGLISH AS A SECOND LANGUAGE PROGRAM.

BOARD MEMBER ON "STELLA'S MAGIC FOUNDATION" AS THE VETERAN ADVOCATE. LIFE MEMBER FOR BOTH VIETNAM VETERANS OF AMERICA, CHAPTER 528, AND VETERAN OF FOREIGN WARS, POST 6695, PLYMOUTH. TWOTIME PRESIDENT FOR VVA AND TWOTIME COMMANDER OF POST 6695.

OUTDOOR SPORTS - HUNTING, FISHING, AND CAMPING.

**The Social Security Number is required as some appointments result in payment that will exceed \$600.00 per year. In that situation, we will send you a Form 1099 at the end of the year.

Please return this completed application to:

Plymouth Townships Clerk's Office
 Jerry Vorva, Clerk
 9955 North Haggerty Road
 Plymouth MI 48170

[Clear Form](#)

Charter Township of Plymouth
Board and/or Commission Application

First Name: Kirkland Last Name: Kohn SSN: **

Address: 12950 N Beck Rd. City: Plymouth State: MI Zip: 48170

Home Phone: 734-459-889 Mobile Phone: 734-634-6552 Work Phone: 734-451-0302 Ext:

Fax: 734-404-2370 Primary Email: kkohn@finlan.com Alt. Email: Kwkohn9@gmail.com

Board and/or Commission Applying for: Veterans Commission

Why are you seeking appointment to the above Board or Commission?: Give back to my community, help promote military service to the general public. Help veterans who need it.

Work History: 1982 to present C L Finlan & Son, Inc., currently President and majority shareholder. John Hancock 72-73, Automobile Club of Michigan 73-82, US Air Force 10/67 to 5/71 where I obtained the rank of Staff Sergeant.

Education: Plymouth High School grad 1967, various colleges during and after my tour with the Air Force I did not obtain a degree. I have spent my entire working life in the insurance industry and my education includes licensed insurance agent, Licensed Insurance Counselor, previously Securities licensed series 6 and 63, completed and passed the registered investment advisor licensing exam, in 1986 I obtained the Certified Insurance counselor designation and in 1984 Registered Health Underwriter.

Community Involvement: Active member of the Rotary Club of Plymouth since 1987, President 2003-2004, Barbeque committee 1989 to 1997 chairman 1996. Now serving second term on Rotary Foundation. sponsor Plymouth Historical Society. Plymouth Community Chamber of Commerce member.

Interests/Hobbies: Fishing is the thing I enjoy the most and fish whenever possible. I am a licensed pilot but do not currently fly. I enjoy sailing when I can and have preciously completed many races including the Port Huron to Mackinac race and well as numerous other Great Lakes races. I am also a little bit of a car guy with a few classics. Travel.

****The Social Security Number is required as some appointments result in payment that will exceed \$600. 0 per year. In that situation, we will send you a Form 1099 at the end of the year.**

Please return this completed application to:

Plymouth Townships Clerk's Office
Jerry Vorva, Clerk
9955 North Haggerty Road
Plymouth MI 48170

[Clear Form](#)

Charter Township of Plymouth
Board and/or Commission Application

First Name: John Last Name: Lockwood SSN: **

Address: 11836 Tall Tree Drive City: Plymouth State: MI Zip: 48170

Home Phone: 734-395-0557 Mobile Phone: _____ Work Phone: _____ Ext: _____

Fax: _____ Primary Email: Jomary913@aol.com Alt. Email: _____

Board and/or Commission Applying for: Member of the Veterans Commission

Why are you seeking appointment to the above Board or Commission?: _____

To be more productive in helping Veterans to either let them know who to contact or refer them to the appropriate services offered on staff re: these benefits

Work History: _____

Since 1996 I have been a Financial Broker for Primerica Financial Services. I work out of my residence primarily.

Education: Masters Degree in Finance (MBA)

Community Involvement: Since 2015 I have been the Commander of American Legion Post #391 @ 880 Fralick

Street in Plymouth, MI 48170. One of our major events is the Poppy Drive where we provide poppies for donations.

Interests/Hobbies: Helping veterans through various contacts at the VA Hospital in Ann Arbor.

****The Social Security Number is required as some appointments result in payment that will exceed \$600.00 per year. In that situation, we will send you a Form 1099 at the end of the year.**

Please return this completed application to:

Plymouth Townships Clerk's Office
Jerry Vorva, Clerk
9955 North Haggerty Road
Plymouth MI 48170



Charter Township of Plymouth
Board and/or Commission Application

First Name: Jacquelyn Last Name: Lyssiotis SSN: ** 368-06-2223

Address: 39695 Suzan Ct City: Plymouth State: MI Zip: 4 81 0

Home Phone: _____ Mobile Phone: (248) 821-2830 Work Phone: _____ Ext: _____

Fax: _____ Primary Email: Jelusn@gmail.com Alt. Email: _____

Board and/or Commission Applying for: Plymouth Veterans' Commission

Why are you seeking appointment to the above Board or Commission?: I am veteran and Plymouth Township resident whose true passion is to help support and improve the quality of life of those who have served this country. My goals are the same as those of this commission - to inact positive change and visibility throughout the community for veterans and their families. This passion is very strong as I have a deep and personal connection to provide the best possible support I can for America's heroes.

Work History: US Navy, Officer, May 2008- December 2009
B.United International, Southeast Regional Manager/International Trainer, May 2012- July 2016
G.E. Healthcare, Regional Manager, July 2016- Sep 2017, Colorescience, Account Manager, Nov 2017-Apr 2019
Galderma, Senior Account Manager, Apr 2019-present

Education: United States Naval Academy, Annapolis, MD, 2004-2008, BS History
Università degli Studi di Scienze Gastronomiche, Pollenzo, Italy, 2011 Master Italian Studies

Community Involvement: I am thrilled that this opportunity is lining up with more flexibility in both my career and personal life. I have had previous community participation in other cities I have lived to include student mentorship, volleyball coaching and homeless shelter support. I am excited to start my involvement here in Plymouth as a member of the Veterans' Comission being my flagship role.

Interests/Hobbies: As a mom to a one year old, step mother to an eleven year old, and wife to a Westland Firefighter, my hobbies are limited, but I still make time to play in my weekly volleyball league. I love to travel, spend time with my family and be outdoors as much as possible!

****The Social Security Number is required as some appointments result in payment that will exceed \$600.00 per year. In that situation, we will send you a Form 1099 at the end of the year.**

Please return this completed application to:

Plymouth Townships Clerk's Office
Jerry Vorva, Clerk
9955 North Haggerty Road
Plymouth MI 48170



Clear Form

Charter Township of Plymouth
Board and/or Commission Application

First Name: Krista Last Name: McKinley SSN: **

Address: 46692 Danbridge Ct City: Plymouth State: Mi Zip: 48170

Home Phone: None Mobile Phone: 734-395-4971 Work Phone: None Ext:

Fax: None Primary Email: kristamckinley92@gmail.com Alt. Email:

Board and/or Commission Applying for: Veteran's Commission

Why are you seeking appointment to the above Board or Commission?: To bring awareness and appreciation
of veteran's issue and their service to the greater Plymouth community. I would also like to
see veterans benefits in Michigan improve.

Work History: United States Marine Corps 1992-2013. Retired as a LtCol. Current owner and
quilt maker of Semper Fi Quilts, a local t-shirt quilt company.

Education: United States Naval Academy 1992; BS in Political Science

Community Involvement: Life member of VFW 6695 and current MC for all ceremonies in
Veteran's Park. Lead organizer for the West Middle School Robotics club. Additionally,
I am an active adult leader for my son's Boy School Troop (Troop 1537).

Interests/Hobbies: Skiing, hiking, quilting, and travel

**The Social Security Number is required as some appointments result in payment that will exceed \$600.00 per year.
In that situation, we will send you a Form 1099 at the end of the year.

Please return this completed application to:

Plymouth Townships Clerk's Office
Jerry Vorva, Clerk
9955 North Haggerty Road
Plymouth MI 48170



Charter Township of Plymouth
Board and/or Commission Application

First Name: Michael Last Name: Richardson SSN: ** ***-**-4468

Address: 9283 Brookline Ave City: Plymouth State: MI Zip: 48170

Home Phone: 7347763303 Mobile Phone: 7347763303 Work Phone: 3543257 Ext:

Fax: Primary Email: richie41@ Alt. Email: sbcglobal.net

Board and/or Commission Applying for: Veterans

Why are you seeking appointment to the above Board or Commission?: See Attached:

Work History: US Navy (22.5vrs) Retired 1981; City of Plymouth 1981-1986
Charter Township of Plymouth 1986 -2007. 2008 -present
Instructor - Microsoft Office Products - Numerous local Community
Colleques 19866-present

Education: Bachelor of Science - Business/E-Business
Associate of Applied Science - Business
Associate of Applied Science - Criminal Justice

Community Involvement: Rotary Club of Plymouth 1986 Present
Life Member VFW Post 6695 Plymouth MI
Member Vietnam Veterans of America Chapter 528

Interests/Hobbies: Grand kids. Golf; Camping; Community Involvement.
Teaching

*~The Social Security Number is required as some appointments result in payment that will exceed \$600.00 per year.
In that situation, we will send you a Form 1099 at the end of the year.

Please return this completed application to:

Plymouth Townships Clerk's Office
Jerry Vorva, Clerk
9955 North Haggerty Road
Plymouth MI 48170

Why are you seeking appointment to the above Board or Commission:

I feel that with my background of 22 ½ years of service with the U.S. Navy, I would be able to serve veterans of all ages and backgrounds in our community. Having held Numerous management and supervisory positions while in the Navy, I feel I would be able to foster greater understanding and appreciation for the veteran community and their families within our community, Being a member of the Plymouth VFW Post # 6695 and Vietnam Veterans of America Chapter 528, I would be able to increase visibility of veterans and veterans' issues, inform the veteran community of available services, programs, and resources, and advocate for issues important to veterans and their families assist and as a member of the local military service groups, be able to provide liaison with the veterans' groups and organizations. Being a Navy Recruiter for Officer and Enlisted programs in the Plymouth community during my last 5 years of service, provided insight as to how the community viewed the Military.

Michael D. RICHARDSON
9283 Brookline
Plymouth MI 48170-4013
(734) 459-4379

Resume of Qualifications

OBJECTIVE:

Information Systems Assistant/Technology /Training Person seeking a challenging and responsible position in the academic field

EDUCATION:

University of Phoenix

Bachelor of Science Business/E-Business

Mar - 03

High academic achievement

Maintaining 3.85 GPA

Schoolcraft College

Associate of Applied Science Degree - Criminal Justice

May-89

High academic achievement

Maintained a 3.8 GPA

Schoolcraft College

Associate Degree in General Business

May-87

High Academic Achievement

Graduated with Honors - GPA 3.8

Miscellaneous

Numerous computer related courses through local and out-state colleges.

Numerous job related computer courses through UNISYS and New Horizons

EXPERIENCE:

Charter Township of Plymouth

1986 - Present

Communications Records Supervisor -- Police Department/Information Services Specialist/Trainer

City Of Plymouth, Plymouth Police Department

1981-1986

Administrative Assistant-Computer Systems manager

Schoolcraft College, Livonia, MI

1986 - Present

Instructor, Computer Applications, Continuing Education Services

Oakland Community College, Auburn Hills, MI

1991-Present

Instructor, Computer Applications, Oakland Community College - Oakland Police Academy

1991-Present

Instructor, Computer Applications, Macomb Community College -- Advanced Police Training

1991-Present

Instructor, Computer Applications, Mott Community College -- LEORTC

2010-Present

U.S. Navy -- Retired

1959-1981

Numerous management and supervisory positions, Navy Recruiter for Officer and Enlisted programs.

NEC: Maintenance Administrative and Statistical Analyst

Miscellaneous:

Provide computer consulting services to local businesses in Microsoft Office Applications

SKILLS:

Instructor: Maintenance and Material Management and Data Analysis Trainer -- U.S. Navy -- 12 years
Instructor; computer applications -- 1986 -- present -- Word processing, Spreadsheet, Database Management, Presentation software, Windows Operating Systems, General computer concepts

Information Services Specialist/Trainer: Responsible for maintaining Windows NT network servers, exchange servers and Personal Computers used by employees. Trainer for Plymouth Township in Computer Applications -- 15 years

Consultant: Business Related Computer applications, local businesses

REFERENCES:

References and Certificates of Qualifications available upon request



Clear Form

Charter Township of Plymouth
Board and/or Commission Application

First Name: John Last Name: Roberts SSN: **

Address: 12516 Howland Park Drive City: Plymouth State: MI Zip: 48170

Home Phone: _____ Mobile Phone: 734-735-4266 Work Phone: _____ Ext: _____

Fax: _____ Primary Email: jer4893@yahoo.com Alt. Email: john.2.roberts@clarior.com

Board and/or Commission Applying for: Veterans Board

Why are you seeking appointment to the above Board or Commission?: I am an Army veteran and I desire to help veterans in our area. I've never served on a board but would like to give back to the veterans community.

Work History: Resume attached

Education: Bachelor of Science in Industrial Engineering from Western Michigan University

Community Involvement: This would be my first board seat. I am an active parishioner at Our Lady of Good Counsel Catholic Church.

Interests/Hobbies: I enjoy spending time with my children, golfing, hunting, shooting and cooking.

****The Social Security Number is required as some appointments result in payment that will exceed \$600.00 per year. In that situation, we will send you a Form 1099 at the end of the year.**

Please return this completed application to:

Plymouth Townships Clerk's Office
Jerry Vorva, Clerk
9955 North Haggerty Road
Plymouth MI 48170

John E. Roberts

12516 Howland Park Drive, Plymouth, MI 48170

Mobile: 734-735-4266

Jer4893@yahoo.com

Career Goal – Senior Operations Leadership

Driven, results-oriented leader with more than 20+ years of management experience and a United States Army Veteran. Comprehensive experience in plant turn around leadership, financial business planning, launching of “brown and green field” plants, strategic sourcing, product development, and directing plant manufacturing operations. Strategic and business oriented thinker who plans and executes to achieve intended results, thus avoiding unintended consequences. Excellent team oriented management approach with the skills to integrate operations, quality, engineering, materials, finance, and human resources into one effective, functional entity. I have plenty of runway left in my career and desire to find the right cultural fit to finish my career with that company. Expertise includes:

- | | | |
|-------------------------------|-----------------------|---------------------------|
| • Strategic Planning | • Lean Manufacturing | • TS16949 Quality Systems |
| • Financial Cost Controls | • Capital Planning | • Community Involvement |
| • Union Contract Negotiations | • P&L Management | • AS9100 Quality Systems |
| • SAP Enterprise Software | • Six Sigma Greenbelt | • ISO 22301 - BCMS |
-

Professional Career Summary

Clariois, LLC

12/20 – Present

A global energy storage solutions company committed to powering progress. Clarios creates the most advanced low voltage battery technologies for virtually every type of vehicle. Clarios is a global leader in energy storage solutions, powering one in three of the world's vehicles.

Director of Operations – USA/CA Fully Integrated Plants (FIP) & Dry Assembly Plants (DAP) – (12/20 – Present)

- Responsible for 6 manufacturing sites (reducing to 4), 3 FIP's and 3 DAP's ~ 2,500 Team Members and 35M Batteries Produced annually. Core technology included robotics, Sevema ball mills, plate making lines, COS lines, formation, decoration and shipping.
- Reduced Salary headcount by 5% while improving operations
- Managed through the ongoing Covid-19 Pandemic in such a manor that employee engagement survey scores improved as a result of management action and concern
- Reduction of ~\$15M fixed cost per year through the execution of 1 plant rationalization
- Improved throughput by 15% in our two largest sites realizing a \$2.0M reduction in labor costs and allowing the planning of 1 plant rationalization.
- Reduced scrap rates by 35% in our two largest sites realizing a \$14.0M improvement in EBITA
- Established an effective S&OP Process in the manufacturing plants allowing the reduction of changeovers and on hand inventory

DRiV™ - Division of Tenneco

12/19 – 11/20

DRiV is a unique \$6+ billion dollar global start-up company (spinoff Division of Tenneco) built from the combined strengths of Tenneco, Federal-Mogul and Öhlins. Our foundation reaches from the Model T to the Model E, and includes 31 of the best known and respected aftermarket brands, including 14 brands 100 years or older. DRiV combines Ride Performance (conventional and advanced suspension), Aftermarket and Breaking Divisions of Tenneco.

Vice President & General Manager – NA OE Ride Control – Monroe, MI - (12/19 – 11/20)

- Responsible for 4 manufacturing sites (reducing to 2), 1 engineering site and 1 sales/commercial site ~2,800 Team Members and \$400M in annual North American Ride Control sales. Produce Ride Control Systems (shocks/struts) for OEM's in North America. Core technology included robotics, stamping, automated assembly, chrome plating, grinding, CNC machining and tube roll forming.
- Reduced SGA&E headcount by 2% while maintaining product design/launch efficiency and core customer relationships
- Managed through the ongoing Covid-19 Pandemic in such a manor that employee engagement survey scores improved as a result of management action and concern
- Reduction of ~\$40M fixed cost per year through the execution of 2 plant rationalization

TENNECO AUTOMOTIVE – Parent Company of DRiV™ and New Tenneco**07/15 – 11/20**

Tenneco is a \$17 billion global manufacturing company with headquarters in Lake Forest, Illinois and approximately 80,000 employees worldwide. Tenneco is one of the world's largest designers, manufacturers and marketers of clean air, ride performance, breaking products and powertrain systems for automotive, commercial truck and off-highway original equipment markets and the aftermarket.

Executive Director of Operations – NA OE Ride Control – Monroe, MI - (11/18 – 12/19)

- Responsible for 4 manufacturing sites, ~2,500 Team Members and \$400M in annual North American Ride Control sales. Produce Ride Control Systems (shocks/struts) for OEM's in North America. Core technology included robotics, stamping, automated assembly, chrome plating, grinding, CNC machining and tube roll forming.
- Led and executed a \$150M - 2 Plant rationalization/restructure plan for North America over the next year
- Relocation of \$150M of existing business to lower conversion cost and improve capacity utilization
- Mentored China on new plant startup and emergency business relocation. Traveled to China and spent 2 out of every 3 weeks in country from Dec '18 through Jun '19.
- Continued the Clone/Carve project to separate DRiV™ from the Tenneco parent company in Q1 '20

Executive Director of Operations – NA OE Clean Air – Grass Lake, MI - (11/15 – 11/18)

- Responsible for 21 manufacturing sites, ~5,600 Team Members and \$3.4B in annual North American Clean Air sales. Produce Clean Air systems (Exhaust Systems) for OEM's in North America. Core technology includes welding (robotic and manual), tube bending, converter processing, roll forming, stamping and muffler manufacturing.
- Improved Conversion Cost by 2.5% of VA-Value Add Revenue
- Improved Safety Performance from 2.1 Recordable Incident Rate to a 1.3 Recordable Incident Rate.
- Launched \$400M of new business with minimal customer issues and zero interruptions.
 - The most significant launches were the addition of 3 Large Plant COE's and 2 Regional Assembly Plants including sequencing.
- Improved PPM performance from 48 PPM to 29 PPM and reduced 3rd party containment costs by creating a culture of accountability and focus on standardized work.
- Improved employee survey approval scores in the following categories by; Engagement 4%, Manager Effectiveness by 8% and Performance Enablement by 5% year over year.

Director of Operations – NA OE Ride Control – Monroe, MI - (07/15 – 11/15)

- Responsible for 4 manufacturing sites, ~2,000 Team Members and \$500M in annual North American Ride Control sales. Produced Ride Control Systems (shocks/struts) for OEM's in North America. Core technology included robotics, stamping, automated assembly, chrome plating, grinding, machining and roll forming.

PALL AEROPOWER CORPORATION**06/14 – 07/15**

\$2.8 billion, world's leading filtration and separations company (Energy, Water, Aerospace, Electronics, Patient Protection, Cellular Therapies, Biotechnology, Food and Beverage), 10,000 employees

Plant Manager – Pall Aeropower – New Port Richey, FL - (06/14 – 07/15)

- Improved On Time Delivery Performance from a low of 72% to 85% and project 95% by the end of the year.
- Improved Safety Performance from 2.8 Recordable Incident Rate to a 1.4 Recordable Incident Rate.
- Obtained ISO 22301 certification – audit resulted in 0 non-conformance.
- Improved operating margin by 6.8% y-o-y through operational cost management (overtime, expedite reduction, headcount reduction, expenses control).
- Pall Corporation was purchased by Danaher in 2015

MAGNA INTERNATIONAL INC.**01/12 – 02/14**

\$30 billion, global manufacturer of automotive components up to and including entire vehicle systems, 120,000 employees

General Manager – Magna Mirrors Holland Division, MI - (01/12 – 12/14)

- Responsible for Three Holland, Michigan manufacturing locations with the following competencies: Glass cutting, glass cleaning (cerium scrub, brush wash), glass grinding, glass bending, metalizing with high vacuum coaters, clean room environments, automation, electronics assembly and final assembly. OEM customers included Honda, GM, Toyota, Chrysler, Ford, Mercedes, BMW, Hyundai/Kia and Nissan, Tier 2 to 18 customers including Magna International, SMR, Ferrari and Ficoso – 950 employees – Peak annual sales of \$180M.
- Improved Division P&L position by 8% points, taking it from a loss situation (2 years) to a profit.
- Improved Safety Performance from 6.9 Recordable Incident Rate to a 2.3 Recordable Incident Rate.

- Launched 21 products with minimal customer issues and zero interruptions. The most significant launches were the GM Camaro OnStar telematics rimless interior mirror and the K2xx outside mirror electrochromic technology.
- The Infinity™ mirror won the 2012 PACE award for major innovation.
- Reduced Overhead by 2% with Salary right sizing and focused capital spending on high cost areas
- Improved efficiency of molding operations by 25%, which allowed the insource of tools.
- Improved PPM performance from 72 PPM to 15 PPM and reduced 3rd party containment costs by creating a culture of accountability and focus on standardized work.
- Improved employee survey approval score from 74% to 81% year over year.

JOHNSON CONTROLS INC.

04/01 – 12/11

\$37 billion, global manufacturer of automotive seating and interior systems, 142,000 employees

Director of Operations – Johnson Controls Inc., Northern Operations, MI - (08/10 – 12/11)

- Three manufacturing locations with the following competency: Laser Welding (CO2 and YAG), Large Tonnage Stamping, Gas Metal Arc Welding, Spot Welding, Roll Forming, Riveting, Track Marriage Assembly and General Assembly. 1100 employees – Peak annual sales of \$700M. Responsibilities include all facets of Operations – Quality, Operations, Maintenance, Finance, Human Resources, Materials, Manufacturing Engineering and P&L.
- Team developed a \$179M strategic plan to reduce the Northern footprint with consolidation of 3 plants.
- Experienced in executing program and platform launches. Delivered the Ford C346 platform with minimal customer issues and zero interruptions. Customer increased volume requirements 6 months prior to launch which required changing the process to increase throughput.
- Reorganized the Business Unit – created a Center of Excellence with the Lakewood Mechanisms Facility and transitioned the “corporate” Business Operational support to the Lakewood Facility.
- Northern Operations PPM reduction from 215 PPM to 75 PPM by creating a culture of accountability and focus on standardized work.
- Reduced total labor cost by 4% with focus on continuous improvement activities and right sizing our Salary headcount.

Plant Manager - Lakewood Mechanisms, Holland, MI - (01/07 – 07/10)

- Two manufacturing facilities with the following competency: Gas Metal Arc Welding, Spot Welding, Roll Forming, Riveting, Track Marriage Assembly and General Assembly. 700 employees – Peak annual sales of \$375M.
- Responsibilities included all facets of plant management – Quality, Operations, Maintenance, Finance, Human Resources, Materials, Manufacturing Engineering and P&L.
- Plant turn around resulted in growing the business from \$50M to \$275M over a 5 year period.
- Improved plant profitability from a loss of (\$40M) to a 3.8% EBIT rate for FY2011. Improvement was driven by lowering the conversion cost per unit by 53% (scrap, direct labor, indirect labor, salary labor, purchase burden and freight).
- Used the Six Sigma methodology to improve product robustness, resource optimization, throughput improvement and increased manufacturing process capability.
- Managed the capital budgeting and purchase of \$49M for new business and process improvement.
- Led the plant team in “Corporate Stewardship” by raising over \$42k annually for local charities. Also supported the community with food drives, angel trees and adopt a family program.
- Improved the Employee Engagement and Leader Effectiveness results on average 18%

Plant Manager - Athens, TN - (05/06 – 12/06)

- Two manufacturing facilities with the following competency: Gas Metal Arc Welding, Spot Welding, Large and Small Tonnage Stamping, Riveting, Track Marriage Assembly and General Assembly. Non-union, 700 employees, Peak annual sales of \$300M.

Plant Manager - Shelbyville, KY - (08/03 – 05/06)

- JIT seating facility that assembles complete seats for the Ford Kentucky Truck Plant. Union (United Auto Workers) facility and Tier 1 to Ford – 400 employees – Peak annual sales of \$300M.
- Flawless large launch of the 2005 Super Duty program. Executed 5 launches at the 0-0-100-30 status (0 safety issues, 0 delivery issues, 100% efficiency and 30 days without a quality issue).
- Negotiated a 5 year UAW contract with less than 2% increase in cost for the life of the contract.
- Improved Safety Performance resulted in Gold Safety Award status and 425 days without a recordable injury.
- Developed local community fundraisers with the union/plant leadership involvement.
- Achieved a Gold Quality Award for 0 PPM for over 537 day and counting. I was transferred at day 537.
- Direct Labor improvement of 7%, Indirect Labor improvement of 5%, Salary Labor improvement of 10% and Scrap reduction of 20%

Operations Manager - Chesapeake, VA - (04/02 – 7/03)

- JIT seating facility that assembles complete seats for the Ford Norfolk Truck Plant. Non-union facility and Tier 1 to Ford – 225 employees – Peak annual sales of \$170M.
- Primary responsibility of this assignment was to achieved by flawlessly launching the 2004 F150 complete seat and headliner.
- Customer quality rejects reduction of 99% (375 PPM to 5 PPM)
- Achieved a Gold Safety Award (8 months without a recordable injury) Achieved a Gold Quality Award

Production Manager - Shelbyville, KY - (04/01 – 03/02)

- JIT seating facility that assembles complete seats for the Ford Kentucky Truck Plant. Union (United Auto Workers) facility and Tier 1 to Ford – 450 employees – Peak annual sales of \$275M.

Tower Automotive Inc.**04/96 – 03/01***\$2.5 billion, integrated global manufacturer of engineered structural metal components and assemblies.***Quality Leader (Quality Manager) - Kalamazoo, MI - (07/00 – 03/01)****Plant Leader (Plant Superintendent) - Kalamazoo, MI - (01/99 – 06/00)****Corporate Packaging & VA/VE Engineer - Plymouth, MI - (01/98 – 12/98)****Industrial Engineer - Kalamazoo, MI - (04/97 – 05/98)****United States Army – Ammunition Specialist****1991 – 1993****Education**

Bachelor of Science – Industrial Engineering

Minor - Mathematics

Western Michigan University, Kalamazoo, MI, 1997



**Charter Township of Plymouth
Board and/or Commission Application**

First Name: David Last Name: Tanana SSN: ** xxx-xx-8311

Address: 46363 Burning Tree Ln City: Plymouth State: MI Zip: 48170

Home Phone: 740-274-2936 Mobile Phone: 740-274-2936 Work Phone: 888-407-0144 Ext: 2

Fax: _____ Primary Email: david.tanana@gmail.com Alt. Email: david.tanana@va.gov

Board and/or Commission Applying for: Veterans' Commission Board

Why are you seeking appointment to the above Board or Commission?: I am an advocate for Veterans I meet, their dependents, and their survivors and be a source for explaining VA benefits and programs to all.

Work History: United States Marine Corps 1996-2005 - Operation Enduring Freedom: Detainee Operations
Guantanamo Bay Cuba 2002, Operation Enduring Freedom: Georgia Training and Equipment Program 2003,
Operation Iraqi Freedom: Phase I 2003 - Department of Homeland Security Immigration and Customs Enforcement:
Fugitive Operations 2007-2014 - Department of Veterans Affairs Fiduciary Program 2014-Present

Education: Bachelors Degree of Arts in Intelligence Studies w/ Concentration in CounterIntelligence - American
Military University 2013, Bachelors Degree of Science in Fire Science Management - American Military
University 2015

Community Involvement: Head of security, licensed minister and teacher at Word of Faith Fellowship Church in
Dearborn, Michigan.

Interests/Hobbies: I strive to learn more about the Word of God and increase my walk with my Lord and Savior Jesus Christ.
I enjoy spending time with my family at home and vacationing. Hunting and fishing is a favorite past time. Watching
Red Wings hockey and World Cup rugby games. I also like to scrap old and broken electronics to raise money for my church.
I am not interested in being paid for the position, however, if I am placed on the board then I will provide my SSN if required by law.

****The Social Security Number is required as some appointments result in payment that will exceed \$600.00 per year. In that situation, we will send you a Form 1099 at the end of the year.**

Please return this completed application to:

Plymouth Townships Clerk's Office
Jerry Vorva, Clerk
9955 North Haggerty Road
Plymouth MI 48170

RECEIVED

JUN 28 2023

**PLYMOUTH TWP
CLERK'S OFFICE**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Emergency Management Resolution with Wayne County & Township Support Emergency Operations Plan

PRESENTERS: Supervisor Kurt Heise, Fire Chief Pat Conely

BACKGROUND: In July of this year the Board repealed the former Township Emergency Management Ordinance. That Ordinance was repealed as it was no longer being followed, since it conflicted with the "Emergency Management Resolution and Support Emergency Operations Plan" provided by Wayne County to the Township as first adopted by the Board in 2006.

The attached **Emergency Management Resolution** was provided to us by the County earlier this year and we are recommending its approval tonight. This will supersede all prior ordinances and resolutions and will bring us into modern compliance with the County's Emergency Preparedness Plan, which is recognized by the State and Federal governments for hazard mitigation, disaster relief, chain of command, and related support services.

The Township's updated **Support Emergency Operations Plan** aligns with the new Emergency Management Resolution, providing guidance, roles, and responsibilities necessary to respond to a large-scale emergency in the Township. Chief Conely has also updated the Plan to reflect the changes in various Township leadership positions.

PROPOSED MOTION: I move to adopt Resolution 2023-08-22-70 adopting the Emergency Management Resolution with Wayne County and the Support Emergency Operations Plan for the Charter Township of Plymouth, Michigan.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi, ___Buckley, ___Monaghan, ___Doroshewitz, ___Stewart, ___Heise

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

**EMERGENCY MANAGEMENT RESOLUTION WITH WAYNE COUNTY AND
TOWNSHIP SUPPORT EMERGENCY OPERATIONS PLAN**

RESOLUTION NUMBER 2023-08-22-70

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 August 22, 2023, at 7:00 p.m., the following resolution was offered:

Emergency Management Resolution

A resolution to provide for the mitigation, preparedness, response and recovery from natural and human-made disasters within The Charter Township of Plymouth by being part of the Wayne County emergency management program; to appoint the county emergency management coordinator as the Charter Township of Plymouth emergency management coordinator; to provide for a means for coordinating the resources of the municipality with those of the county; and to provide a means through which the Township Board may exercise the authority and discharge the responsibilities vested in them by this resolution and Act No. 390 of the Public Acts of 1976, as amended.

Article 1 - Short Title

Section 101. This resolution shall be known as the “Emergency Management Resolution”.

Article 2 – Definitions

Section 201. For the purpose of this resolution, certain words used herein are defined as follows:

- (a) “Act” means the Michigan Emergency Management Act, Act No. 390 of the Public Acts of 1976, as amended.
- (b) “Disaster” means an occurrence or threat of widespread or severe damage, injury or loss of life or property resulting from a natural or human-made cause, including but not limited to, fire, flood, snowstorm, ice storm, tornado, windstorm, wave action, oil spill, water contamination, utility failure, hazardous peacetime radiological incident, major transportation accident, hazardous materials incident, epidemic, air contamination, blight, drought, infestation, explosion, or hostile military action or paramilitary action, or similar occurrences resulting from terrorist activities, riots, or civil disorders.
- (c) “Disaster relief force” means all agencies of county and municipal government, private and volunteer personnel, public officers and employees, and all other persons or groups of persons identified in the Plymouth Township Emergency

Operations Plan as having duties to perform or those called into duty or working at the direction of a party identified in the plan to perform a specific disaster or emergency related task during a local state of emergency.

- (d) “District Coordinator” means the Michigan Department of State Police District Emergency Management Coordinator. The District Coordinator serves as liaison between local emergency management programs and the Michigan State Police, Emergency Management Division in all matters pertaining to the mitigation, preparedness, response and recovery of emergency and disaster situations.
- (e) “Emergency management coordinator” means the person appointed to coordinate all matters pertaining to emergency management within the municipality. The emergency management coordinator for Plymouth Township is the Wayne County emergency management coordinator.
- (f) “Emergency management program” means a program established to coordinate mitigation, preparedness, response and recovery activities for all emergency or disaster situations within a given geographic area made up of one or several political subdivisions. Such a program has an appointed emergency management coordinator and meets the program standards and requirements established by the Department of State Police, Emergency Management Division. The Charter Township of Plymouth has elected to be part of the Wayne County emergency management program.
- (g) “Emergency operations plan” means the plan developed and maintained by county and political subdivisions included in the emergency management program area for the purpose of responding to all emergency or disaster situations by identifying and organizing the disaster relief force.
- (h) “Governor’s state of disaster” means an executive order or proclamation by the Governor that implements the disaster response and recovery aspects of the Michigan Emergency Management Plan and applicable local plans of the county or municipal programs affected.
- (i) “Governor’s state of emergency” means an executive order or proclamation by the Governor that implements the emergency response and recovery aspects of the Michigan Emergency Management Plan and applicable local plans of the county or municipal programs affected.
- (j) “Local state of emergency” means a declaration by the Township Supervisorⁱ pursuant to the act and this resolution which implements the response and recovery aspects of the Wayne County Emergency Operations Plan and authorizes certain actions as described in this resolution.
- (k) “Vital records” means those records that contain information needed to continue the effective functioning of a government entity and for the protection of the rights and interests of persons under emergency conditions in the event of an emergency or disaster situation.

Article 3 - Emergency Management Coordinator: Appointment

Section 301. By the authority of this resolution the Plymouth Township Board hereby appoints the Wayne County Emergency Management Coordinator as the emergency management coordinator for Plymouth Township. In addition to acting for, and at the direction of, the County Executive, the Emergency Management Coordinator will also act for, and at the direction of, the Plymouth Township Supervisor.ⁱⁱ

Section 302. A line of succession for the Wayne Emergency Management Coordinator has been established and is listed in the Plymouth Township Emergency Operations Plan.

Article 4 - Emergency Management Coordinator: Duties

Section 401. The Emergency Management Coordinator shall comply with standards and requirements established by the Department of State Police, Emergency Management Division, under the authority of the act, in accomplishing the followingⁱⁱⁱ:

- (a) Direct and coordinate the development of the Wayne County Emergency Operations Plan, which shall be consistent in content with the Michigan Emergency Management Plan.
- (b) Specify departments or agencies which must provide an annex to the plan or otherwise cooperate in its development.
- (c) Identify departments and agencies to be included in the Emergency Operations Plan as disaster relief force.
- (d) Develop and maintain a county Resource Manual.
- (e) Coordinate the recruitment, appointment, and utilization of volunteer personnel.
- (f) Assure the emergency management program meets eligibility requirements for state and federal aid.
- (g) Coordinate and/or conduct training and exercise programs for the disaster relief force within the county and to test the adequacy of the Emergency Operations Plan.
- (h) Through public information programs, educate the population as to actions necessary for the protection of life and property in an emergency or disaster.

- (i) Assist in the development of mutual aid agreements.
- (j) Assist the Plymouth Township municipal liaison with the development of municipal standard operating procedures which are consistent with the county Emergency Operations Plan.
- (k) Oversee the implementation of all functions necessary during an emergency or disaster in accordance with the Emergency Operations Plan.
- (l) Coordinate county emergency management activities with those municipalities included in the county emergency management program, other municipalities, the state, and adjacent counties.
- (m) Coordinate all preparedness activities, including maintaining primary and alternate Emergency Operations Centers.
- (n) Identify mitigation opportunities within the county and encourage departments/agencies to implement mitigation measures.

Article 5 - Emergency Management Liaison: Duties

Section 501. By the authority of this resolution the Plymouth Township Supervisor has appointed a liaison for the purpose of assisting the county Emergency Management Coordinator in coordinating the emergency management activities within the municipality. The duties of the liaison are as follows:

- (a) Coordinate municipal emergency management activities with those of the county jurisdictions.
- (b) Assist the county Emergency Management Coordinator with the development of the county Emergency Operations Plan and the incorporation of municipal resources into the plan.
- (c) Identify municipal departments and agencies to be included in the Emergency Operations Plan as part of the disaster relief force.
- (d) Identify municipal resources and forward information to the county Emergency Management Coordinator for inclusion in the county Resource Manual.
- (e) Coordinate the recruitment, appointment, and utilization of volunteer resources.
- (f) Assist the county Emergency Management Coordinator with administering training programs.
- (g) Coordinate municipal participation in exercises conducted by the county.
- (h) Assist in the development of mutual aid agreements.
- (i) Assist in educating the population as to actions necessary for the protection of life and property in an emergency or disaster.
- (j) Encourage departments/agencies within the municipality to identify and implement procedures to mitigate the effects of potential disasters.
- (k) Assist in the assessment of the nature and scope of the emergency or disaster and collect damage assessment information and forward to the county.
- (l) Coordinate the vital records protection program.

- (m) Develop municipal standard operating procedures for disaster response which are consistent with the county Emergency Operations Plan.

Section 502. The Plymouth Township Supervisor shall appoint a minimum of two persons as successors to the position of the municipal liaison. The line of succession shall be supplied to the county Emergency Management Coordinator.

Article 6 - Plymouth Township Supervisor: Powers; Duties

Section 601. On an annual basis, the Plymouth Township Supervisor shall review the eligibility and performance of the Emergency Management Coordinator and make recommendations to the Plymouth Township Board.⁴

Section 602. The Plymouth Township Supervisor shall, review the effectiveness of the Wayne County Emergency Operations Plan as the plan relates to the municipality once every two years. With the assistance of the municipal liaison, he/she shall make recommendations to the county Emergency Management Coordinator of any changes which may be needed. After this review and incorporation of necessary changes, the Plymouth Township Supervisor shall certify the plan to be current and adequate for the Charter Township of Plymouth for the ensuing two years.^{iv}

Section 603. When circumstances within the Township indicate that the occurrence or threat of occurrence of widespread or severe damage, injury or loss of life or property from natural or human-made cause exists the Township Supervisor may declare a local state of emergency.¹ Such a declaration shall be promptly filed with the Wayne County Emergency Management Office, who shall forward it to the Department of State Police, Emergency Management Division. This declaration shall not be continued or renewed for a period in excess of 7 days except with the consent of the Plymouth Township Board.^v

Section 604. If the Plymouth Township Supervisor invokes such power and authority, he/she shall, as soon as reasonably expedient, convene the Township Board for one or more emergency meetings in accordance with the Open Meetings Act to perform its normal legislative and

administrative duties as the situation demands, and will report to that body relative to emergency activities. Nothing in this resolution shall be construed as abridging or curtailing the powers of the Township Board unless specifically provided herein.

Section 605. The Plymouth Township Supervisor may do one or more of the following under a local state of emergency:

- (a) Direct the Emergency Management Coordinator to implement the Emergency Operations Plan.
- (b) Issue directives as to travel restrictions on local roads within the municipality.
- (c) Relieve Township employees of normal duties and temporarily reassign them to other duties.
- (d) Activate mutual aid agreements.
- (e) Direct the municipal disaster relief effort in accordance with the county Emergency Operations Plan and municipal standard operating procedures.
- (f) Notify the public and recommend in-place or evacuation or other protective measures.
- (g) Request a state of disaster or emergency declaration from the Governor as described in Article 7.
- (h) When obtaining normal approvals would result in further injury or damage, Township Supervisor may, until the Township Board convenes, waive procedures and formalities otherwise required pertaining to the following:
 - (1) For a period of up to 7 days, send the disaster relief force and resources to the aid of other communities as provided by mutual aid agreements.
 - (2) For a period of up to 7 days, appropriate and expend funds from the disaster contingency fund created in Article 9.
 - (3) For a period of up to 7 days, make contracts, obtain, and distribute equipment, materials, and supplies for disaster purposed.
 - (4) Employ temporary workers.
 - (5) Purchase and distribute supplies, materials, and equipment.
 - (6) Make, amend, or rescind ordinances or rules necessary for emergency management purposes which supplement a rule, order, or directive issued by the Governor or a state agency. Such an ordinance or rule shall be temporary and, upon the Governor's declaration that a state of disaster or state of emergency is terminated, shall no longer be in effect.^{vi}

Section 606. If a state of disaster or emergency is declared by the Governor, assign, and make available for duty the employees, property, or equipment of the Township within or without the

physical limits of the Township as ordered by the Governor or the Director of the Department of State Police in accordance with the act.^{vii}

Article 7 - Governor Declaration Request

Section 701. If a disaster or emergency occurs that has not yet been declared to be a state of disaster or a state of emergency by the Governor, and the Plymouth Township Supervisor determines that the situation is beyond control of the municipality, he/she may request the Governor to declare that a state of disaster or state of emergency exists in the municipality in accordance with the act. This shall be done by immediately contacting the Wayne County Emergency Management Coordinator. The Emergency Management Coordinator shall immediately contact the District Coordinator. The District Coordinator, in conjunction with the Emergency Management Coordinator, shall assess the nature and scope of the disaster or emergency, and they shall recommend the state personnel, services, and equipment that will be required for its prevention, mitigation, or relief.^{viii}

Article 8- Volunteers; Appointment; Reimbursement

Section 801. Each municipal department, commission, board, or other agency of municipal government is authorized to appoint volunteers to augment its personnel in time of emergency to implement emergency functions assigned in the county Emergency Operations Plan. Such individuals are part of the disaster relief force and shall be subject to the rules and operational control set forth by the respective department, commission, board, or agency through which the appointment was made, and shall be reimbursed for all actual and necessary travel and subsistence expenses.^{ix}

Article 9 - Disaster Contingency Fund

Section 901. Plymouth Township does not have a disaster contingency fund. Money may be expended from township funds when a local state of emergency has been declared for the purpose of paying the disaster relief force, purchase of supplies and services, repair costs, or

other needs required specifically for the mitigation of the effects of, or in response to, the emergency or disaster.

Article 10 - Rights of Disaster Relief Force

Section 1001. In accordance with the act, personnel of the disaster relief force while on duty shall have the following rights:

- (a) If they are employees of the municipality, or other governmental agency regardless of where serving, have the powers, duties, rights, privileges, and immunities and receive the compensation incidental to their employment.
- (b) If they are not employees of the municipality, or other governmental agency be entitled to the same rights and immunities as are provided for by law.¹⁰

Article 12 - Temporary Seat of Government

Section 1201. The Township Board shall provide for the temporary movement and reestablishment of essential government offices in the event that existing facilities cannot be used.

Article 13 - Liability

Section 1301. As provided for in the act and this resolution, the municipality, or the agents or representatives of the municipality, shall not be liable for personal injury or property damage sustained by the disaster relief force. In addition, any member of the disaster relief force engaged in disaster relief activity shall not be liable in a civil action for damages resulting from an act of omission arising out of and in the course of the person's good faith rendering of that activity, unless the person's act or omission was the result of that person's gross negligence or willful misconduct. The right of a person to receive benefits or compensation to which he or she may otherwise be entitled to under the worker's compensation law, any pension law, or act of congress will not be affected as a result of said activity.^x

Section 1302. As provided for in the act, any person owning or controlling real estate or other premises who voluntarily and without compensation grants the municipality the right to inspect, designate and use the whole or any part of such real estate or premises for the purpose of sheltering persons or for any other disaster related function during a declared local state of emergency or during an authorized practice disaster exercise, shall not be civilly liable for the

death of, or injury to, any person on or about such real estate or premises under such license, privilege or other permission, or for loss of, or damage to, the property of such person.¹¹

Article 14 - Sovereignty

Section 1401. Should any section, clause, or provision of this resolution be declared by the courts invalid for any reason, such declaration shall not affect the validity of this resolution as a whole or any part thereof, other than the section, clause, or provision so declared to be invalid.

Article 15 - Repeals

Section 1501. All resolutions or parts of resolutions inconsistent herewith are hereby repealed.

Article 16 - Annual Review

Section 1601. This resolution shall be reviewed annually by the Plymouth Township Board and changes shall be made if necessary.

Article 17 - Effective Date

Section 1701. This resolution shall have immediate effect.

End Notes

I According to Act 390, as amended, sec. 10 (1) (b) any county or municipality that has an appointed emergency management coordinator can declare a local state of emergency. This power is given to the "chief executive official" (see definitions in the act) or the official designated by charter.

ⁱⁱ Act 390, as amended, sec. 9 (1-3) states that the appointed county coordinator shall act for and at the direction of the chairperson or county executive. It also says that a coordinator appointed by a municipality shall act for and at the direction of the "chief elected official" (see definitions in the act) or the official designated by the municipal charter.

ⁱⁱⁱ Act 390, as amended, sec. 7a (4) gives the Emergency Management Division the authority to promulgate several standards and requirements.

^{iv} Rule 4 (c) (d-q) of the administrative rules promulgated for Act 390, sec. 19 states that the plan shall be considered official upon bearing the signature of the chief executive official of the municipality. The plan must be current and adequate (see rule) within two years.

^v Act 390, as amended, sec. 10 (1) (b) provides for the 7-day limit and disposition of the declaration.

^{vi} Act 390, as amended, sec.12 (2) provides this authority.

^{vii} Act 390, as amended, sec. 10 (1) (h) provides this authority.

^{viii} Act 390, as amended, sec.12 states that the "chief executive official" (see definitions in act) of a county or any municipality may make this request. However, he/she must do this utilizing the procedures set forth in sec. 14 of the act which states that the appointed emergency management coordinator and the district coordinator must jointly assess the situation and make recommendations.

^{ix} Act 390, as amended, sec. 11 (1) (a-c) discusses disaster relief force rights and duties.

^x Act 390, as amended, sec. 11 (2-8) discusses liability.

NOW, THEREFORE, BE IT RESOLVED THAT the Charter Township of Plymouth Board of Trustees approves the adoption of Resolution # 2023-08-22-XX, and that this resolution shall be reviewed annually by the Plymouth Township Board and changes shall be made if necessary. In addition, this resolution shall have immediate effect.

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)

)

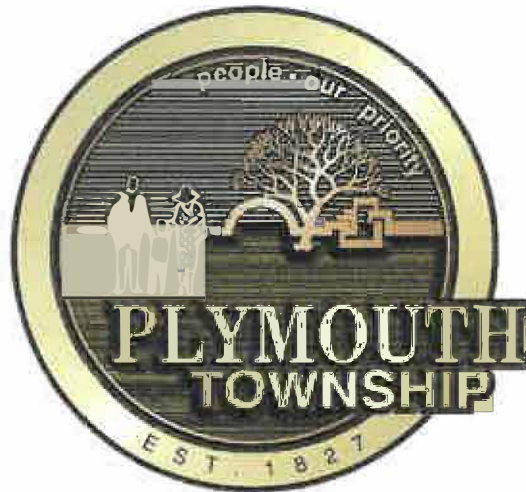
COUNTY OF WAYNE)

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: 2023-08-22-70



Plymouth Township

SUPPORT EMERGENCY OPERATIONS PLAN

An all-hazards plan supporting the Wayne County Operations Plan/Emergency Action Guidelines, for use in the event of disaster or severe emergency of natural, human, wartime, technological or terrorism origin.

August 3, 2023



Support Emergency Operations Plan

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Promulgation Document



Support Emergency Operations Plan

Officials of Plymouth Township, in conjunction with County and State Emergency Eanagement (EM) agencies, have developed this Support Emergency Operations Plan that will enhance the local emergency response capability.

This plan, when used properly and updated, will assist local government officials to accomplish their primary responsibilities of protecting lives and property in their community. This plan and its provisions will become official when it has been signed and dated below by the Chief Executive Official (CEO) of the municipality.

Township Supervisor
Charter Township of Plymouth

Date



Support Emergency Operations Plan

Approval and Implementation

The Support Emergency Operations Plan, referred to in this document as the Support EOP, describes how Plymouth Township will handle emergency situations in cooperation with the Wayne County Emergency Management Program. The Support EOP assigns responsibilities to agencies for coordinating emergency response activities before, during, and after any type of emergency or disaster. The Support EOP does not contain specific instructions as to how each department will respond to an emergency; these can be found in the plan annexes or separate Standard Operating Procedures (SOP).

The goal of the Support EOP is to coordinate emergency response efforts to save lives, reduce injuries, and preserve property. The Support EOP addresses emergency issues before and after an emergency, but its primary goals are to assemble, mobilize and coordinate a team of responders that can respond to any emergency, and describe response procedures in relation to the county response procedures.

The Support EOP will use a graduated response strategy that is in proportion to the scope and severity of an emergency. Plymouth Township will plan, prepare and activate resources for local emergencies that affect the local area (or a specific site) and/or widespread disasters that affect the entire state and/or nation.

The Support EOP was developed by a Local Planning Team (LPT). The LPT consists of key departments covering emergency functions such as law enforcement, fire, public works, and public health. The team works to establish and monitor programs, reduce the potential for hazard events in the community through planning, review, and training, and assist the Wayne County Emergency Management Program in developing and maintaining the County EOP.

The Support EOP must be signed by the current CEO each time it is updated, with the exception of the following activities:

1. Minor updates e.g. changing system names, grammar, spelling or layout changes
2. Updates to the annexes

These activities may be updated in the plan without the CEO signature by the following individuals:

1. Emergency Management Liaison
2. Department head responsible for an annex

Homeland Security Presidential Directive (HSPD) 5 facilitates a standard management approach to major incidents, the National Incident Management System (NIMS). NIMS is administered as part of the National Response Framework (NRF) which integrates the federal government into a single, all discipline, and all-hazards plan. NIMS will provide a nationwide approach that enables federal, state, tribal and local government agencies to "work effectively and efficiently together to prepare for, respond to, and recover from domestic incidents, regardless of cause, size or complexity." This Support EOP has integrated NIMS concepts, including the Incident Command System (ICS), and language to help incident management operate in accordance to the NIMS using the guidance provided by the Department of Homeland Security (DHS).

During an emergency, all response personnel will use the ICS to manage the incident and employ emergency resources at the site. The Emergency Operation Center (EOC) will coordinate additional resources when needed. This EOP will be used during community recovery after an emergency.

This plan supersedes all previous plans.



Support Emergency Operations Plan

Record of Revisions

The following is a list of revisions made to the Support EOP. This chart tracks the date that changes were made, reason for the changes, updated pages, and who made the revision.

Date	Reason for Revision	Page Numbers	Revised By



Support Emergency Operations Plan

Record of Distribution

The following is a list of the individuals and facilities that have been provided a copy of the Support EOP in order to conduct the assigned tasks addressed in this plan.

Title of Recipient	Name of Recipient	Agency	Date	Number of Copies
Chief Executive Official	Kurt Heise	Plymouth Twp Supervisor		1
Plymouth Township Board	Board Members	Plymouth Twp Board		6
Wayne County Emergency Management Coordinator	Pat Conely	Plymouth Twp Fire Dept		1
Plymouth Township Emergency Management Liaison	Pat Conely	Plymouth Twp Fire Dept		1
Communications and Warning Official	Dan Kudra	Plymouth Township Dispatch Center		12
Damage Assessment Official	Ken MacDonald	Building Department		2
Fire Services Official	Pat Conely	Plymouth Twp Fire Dept		12
Mass Care, Emergency Assistance, Housing, and Human Services Official	Pat Conely	Plymouth Twp Fire Dept		1
Public Health and Medical Services Official	Pat Conely	Plymouth Twp Fire Dept		1
Public Information Official	Jerry Vorva	Plymouth Twp Clerks Department		2
Public Safety	Jim Knittel	Plymouth Twp Police Department		2



Support Emergency Operations Plan

Basic plan

Purpose

Plymouth Township has elected to incorporate into the Wayne County Emergency Management Program. As partners in the five phases of emergency management, mitigation, preparedness, prevention, response and recovery, Plymouth Township and the Wayne County Emergency Management Program share joint responsibilities. The Plymouth Township Support EOP has been developed to identify these responsibilities. It is to be used in concurrence with the County EOP. In accordance with Section 19 of the Michigan Emergency Management Act (1976 PA 390, as amended), activation of this plan at the beginning of a disaster or emergency also establishes eligibility to receive state assistance for disaster related expenses incurred during a State of Emergency or Disaster declared by the Governor, for which federal assistance is unavailable.

Scope

The Plymouth Township Support EOP is an adaptable document that can be applied to all hazards. Due to the unique nature of emergencies, it may become necessary to deviate from the contents of the plan when responding to an incident. Agencies that have been assigned supporting roles in this plan have developed and will maintain SOPs that provide systematic instructions for accomplishing their assigned functions. The local government conducts additional activities, such as personnel training, participation in exercises, public information, land-use planning, etc., to support emergency preparedness, mitigation, and response efforts. To facilitate efficient emergency management operations, Plymouth Township continues to implement the NIMS.

Authorities and References

A. Authority of local officials during an emergency:

1. 1976 PA 390, as amended,
2. Plymouth Township local Emergency Management resolution,
3. Plymouth Township adoption of the Support EOP,
4. Executive Directive No. 2005-09, the state adoption of the NIMS,
5. The Robert T. Stafford Disaster Relief and Emergency Assistance Act,
6. Emergency Planning and Community Right to Know Act of 1986 (EPCRA) also known as the Superfund Amendments and Reauthorizations Act (SARA), Title III,
7. Good Samaritan Law and Know Act of 1986.

B. References used to develop the Support EOP:

1. NIMS,
2. NRF,
3. Michigan Emergency Management Plan (MEMP), Michigan State Police, Emergency Management and Homeland Security Division (MSP/EMSHD),
4. Pub 204, MSP/EMHSD.

Plan Development and Maintenance

To ensure that this Support EOP addresses the needs of the community and is consistent with the Wayne County EOP, this document was developed in a cooperative, whole community effort between municipal



Support Emergency Operations Plan

government, local community, and the County Emergency Management Program. The Support EOP is updated after every change of the municipal CEO or update to the County EOP. After the plan is adopted by resolution of the Township Board and approved by the Township Supervisor, it is forwarded to the County Emergency Management Program. The plan will be implemented, tested through exercises in concurrence with county officials, and maintained in accordance with the standards and currentness of the Wayne County EOP.

This plan has been provided to all municipal departments, local elected officials, the County Emergency Management Program and all agencies tasked within the document. It includes this Basic Plan, which provides an overview of the municipality's preparedness and response strategies, and functional annexes that describe the actions, roles and responsibilities of participating organizations.

Situation Overview

- B. Plymouth Township has taken various preparedness and incident management steps to enhance capabilities in responding to incidents including:
 - 1. The mitigation of potential hazards.
 - 2. Identification of emergency response agencies and mechanisms that will protect life and property before, during and after an emergency.
 - 3. Tasking agencies, organizations, and individuals with specific functions and responsibilities relative to emergency operations. Assigned tasks are explained in further detail under "Organization and Assignment of Responsibilities."
 - 4. Integration with the Wayne County EOP, Wayne County hazard mitigation plan, MEMP, etc.

- C. Community profile:

Plymouth Township is located in the Western side of Wayne County. The community has a population of 27,938 residents. Many of the residents that require Functional Needs Support Services (FNSS) reside in congregate care centers, while others reside in non-group homes where support is provided as needed or on-call.

- D. Hazard and threat analysis:

According to the Wayne County Hazard Mitigation Plan/Hazard Analysis, communities in the county are most vulnerable to many hazards in a mixed urban and suburban community. Hazards that have been identified as unique to Plymouth Township include: Flooding in and Near the Hines park Floodplain.

Thirty (30) sites that contain extremely hazardous materials are located in Plymouth Township. Facility owners have reported the types of hazardous materials that are stored on-site, as required by the Emergency Planning and Community Right-To-Know Act (EPCRA). Pursuant to SARA Title III requirements, off-site emergency response plans have been developed by the Local Emergency Planning Committee (LEPC) to prepare fire departments for responding to the release of the specific hazardous materials on these sites.

- E. Relationship between municipality and County Emergency Management Program:

Emergency management and response are primarily local responsibilities. However, disasters and emergencies might exhaust the resources and capabilities of local governments. Therefore, Plymouth Township has chosen to incorporate into the Wayne County Emergency Management Program. To coordinate emergency management related matters with the County Emergency



Support Emergency Operations Plan

Management Program, the Plymouth Township has appointed the Fire Chief to serve as the Emergency Management Liaison. The Emergency Management Liaison facilitates communication and coordination between Plymouth Township and county, and is the local point of contact for the County Emergency Management Coordinator (EMC).

Planning Assumptions

- A. The proper implementation of this plan will result in saved lives, incident stabilization, and property protection in Plymouth Township.
- B. Some incidents occur with enough warning that necessary notification can be issued to ensure the appropriate level of preparation. Other incidents occur with no advanced warning.
- C. Depending upon the severity and magnitude of the situation, local resources may not be adequate to deal with an incident. It may be necessary to request assistance through volunteer organizations, the private sector, mutual aid agreements (MAAs)/memorandums of understanding (MOUs), and/or county, state and federal sources. When provided, these will supplement, not substitute for, relief provided by local jurisdictions.
- D. All emergency response agencies within Plymouth Township that have been tasked in the plan are considered to be available to respond to emergency incidents. Agencies will work to save lives, protect property, relieve human suffering, sustain survivors, stabilize the incident, repair essential facilities, restore services and protect the environment.
- E. When a jurisdiction receives a request to assist another jurisdiction, reasonable actions will be taken to provide the assistance as requested.
- F. Emergency planning is a work-in-progress; the Support EOP is consistently reviewed and updated.
- G. During an emergency or disaster, parts of the plan may need to be improvised or modified, if necessary, based on the situation.

Concept of Operations

- A. Activation of the Support EOP and declaration of a local state of emergency:

When a threat is perceived, the Emergency Management Liaison activates the this Support EOP and the local Emergency Operations Center (EOC) to facilitate activities that ensure the safety of people, property and environment. Pursuant to 1976 PA 390, as amended, the Plymouth Township Supervisor may declare a local state of emergency for Plymouth Township if circumstances indicate that the occurrence or threat of widespread or severe damage, injury, or loss of life or property exist. In the absence of the Plymouth Township Supervisor, pursuant to local legislation, the Fire Chief or Police Chief are authorized to declare a local state of emergency. Upon a local declaration, PA 390 authorizes the the Plymouth Township Supervisor to issue directives as to travel restrictions on local roads. To facilitate activities that ensure the safety of people, property and environment, a local declaration also activates this Support EOP and the municipal Emergency Operations Center (EOC). A local state of emergency shall not be continued or renewed for a period in excess of seven days except with the consent of the governing body of the municipality.

- B. The following procedures are conducted and coordinated with the county in response to an incident:
 - 1. The Emergency Management Liaison will perceive the threat, assess the hazard and ensure that municipal emergency response agencies, elected officials and County EMC are notified of the situation.



Support Emergency Operations Plan

2. Municipal agencies assess the nature and scope of the emergency or disaster.
3. If the situation can be handled locally, the following guidelines are used:
 - a. The Emergency Management Liaison advises the CEO and coordinates all local emergency response actions.
 - b. The Emergency Management Liaison activates the EOC. The EOC is located at 9955 North Haggerty Rd Plymouth Mi 48170. If this location is unavailable, the alternate EOC location is 13600 Beck Rd Plymouth Mi 48170.
 - c. The CEO declares a local state of emergency. The Emergency Management Liaison notifies the County EMC and forwards the declaration to the County Emergency Management Program.
 - d. Emergency Response Agencies are notified by the Emergency Management Liaison to report to the EOC through Plymouth Township Dispatch Center.
 - e. The CEO directs departments/agencies to respond to the emergency in accordance with the guidelines outlined in this plan and its annexes, and issues directives as to protective actions and travel restrictions on local roads.
 - f. The Emergency Management Liaison keeps the County EMC informed of the situation and actions taken.
4. If the emergency is beyond local control, municipal resources become exhausted, or special resources are needed, county assistance is requested through the County EMC.
5. If county assistance is requested, the County EMC assesses the situation and makes recommendations on the type and level of assistance. The county will also take the following steps:
 - a. Activate County EOC and EOP
 - b. Respond with county resources
 - c. Activate MAA/MOUs to supplement county resources
 - d. Notify MSP/EMSHD District Coordinator
 - e. Make available incident information to MSP/EMSHD and statewide agencies via the Michigan Critical Incident Management System (MI CIMS) online platform, by submitting and maintaining applicable MI CIMS boards and logs.
6. If county resources and capabilities are exhausted, the county requests the Governor to declare a State of Emergency or State of Disaster in accordance with procedures set forth in 1976 PA 390, as amended. If the emergency occurs solely within the confines of the municipality, the county shall not request state assistance or the Declaration of a State of Disaster or Emergency unless requested to do so by the municipal CEO.

Organization and Assignment of Responsibilities



Support Emergency Operations Plan

A. Emergency Management Organization:

1. The Plymouth Township emergency management organization is comprised of six agencies and departments that are responsible for conducting activities in response to emergencies within the community. To facilitate an effective emergency response, these departments have been assigned to nine specific emergency functions. All agencies are responsible for implementing pre-disaster activities to prevent, mitigate and prepare for the various hazards that the community is vulnerable to. These activities include awareness training and public education, exercising, preparing Standard Operating Procedures (SOPs) and job aides, hygienic practices to prevent spreading of infectious diseases, stockpiling equipment, regulating land-use, etc.
2. The following table lists the established emergency support functions, assigned agencies, primary points of contact, and phone numbers.

Function	Agency	Primary Contact	Phone
Direction, Control , and Coordination	Plymouth Township Supervisors Office	Kurt Heise	313-303-8534
Communications and Warning	Plymouth Township Dispatch Center	Dan Kudra	248-470-7230
Damage Assessment	Plymouth Township Building Department	Ken MacDonald	734-316-4574
Fire Services	Plymouth Township Fire Department	Pat Conely	734-634-1791
Mass Care, Emergency Assistance, Housing, and Human Services	Plymouth Township Fire Department	Pat Conely	734-634-1791
Public Health and Medical Services	Plymouth Township Fire Department	Pat Conely	734-634-1791
Public Information	Plymouth Township Clerk	Jerry Vorva	734-354-3224
Public Safety	Plymouth Township Police Department	Jim Knittel	313-622-6066
Public Works	Plymouth TownshipDepartment of Public Works	Patrick Fellrath	734-945-5294



Support Emergency Operations Plan

3. The following table lists the alternates designated to represent the emergency functions.

Agency	1 st Alternate	2 nd Alternate

4. Plymouth Township maintains six fulltime departments. All departments contribute to the safety and welfare of the community. Each department employs qualified emergency personnel and maintains equipment that can be used in emergency response. A list of resources available for utilization during incidents can be requested through the Emergency Management Liaison. If resource needs exceed the capabilities of the community, the CEO may activate MAA/MOUs and pre-disaster contracts, or it may become necessary to request county assistance.

B. Responsibilities:

1. The following responsibilities have been assigned to each organization that has been assigned responsibility in this plan:
 - a. Assist in the development, review and maintenance of Support EOP and County EOP.
 - b. Report to the local EOC when activated for scheduled exercises or emergencies.
 - c. Build capabilities and develop/maintain SOPs for specific functions or actions identified in the plan. Continuously review and update procedures.
 - d. Maintain a list of resources available through the departments.
 - e. Establish MAA/MOUs and contracts with other jurisdictions and organizations to supplement municipal resources.
 - f. Activate MAA/MOUs and contracts with other organizations to supplement response activities when local resources become exhausted.
 - g. Train personnel in emergency management functions and NIMS/ICS concepts.
 - h. Protect vital records and other resources deemed essential for continuing government functions and each agency's emergency operations in accordance to procedures and policies.
 - i. Ensure compliance with this plan and the County EOP, and any pertinent procedures and documents that impact the provision of emergency services in the municipality.
2. The annexes attached to this plan further describe nine emergency support functions and their associated responsibilities in mitigation, preparedness, prevention, response and recovery. Annexes include the organizations that are responsible for carrying out the emergency functions, and assign tasks associated with each function.



Support Emergency Operations Plan

ANNEXES

The annexes attached to the Basic Plan describe all-hazard functions and include the roles and responsibilities that each responsible agency should consider during an emergency for which the Support EOP has been activated. Each annex contains: the agencies responsible for carrying out a function, their assigned tasks, and the concept of operations.

The annexes attached to this plan include the following functions:

Annex A, Direction, Control, and Coordination

Annex B, Damage Assessment

Annex C, Communications and Warning

Annex D, Fire Services

Annex E, Mass Care, Emergency Assistance, Housing, and Human Services

Annex F, Public Health and Medical Services

Annex G, Public Information

Annex H, Public Safety

Annex I, Public Works



Support Emergency Operations Plan

ANNEX A

DIRECTION, CONTROL, AND COORDINATION

The Direction, Control, and Coordination function is responsible for the activation, organization and operation of the local EOC, the facilitation of incident management, response, and recovery efforts, and coordination with the County Emergency Management Program.

Direction, Control, and Coordination officials will maintain liaison and coordinate emergency management and response activities with the Direction, Control and Coordination function at the county level. This annex relates to the following annex(es) in the Wayne County EOP, Information & Planning Annex.

Responsible Agency: Executive Office

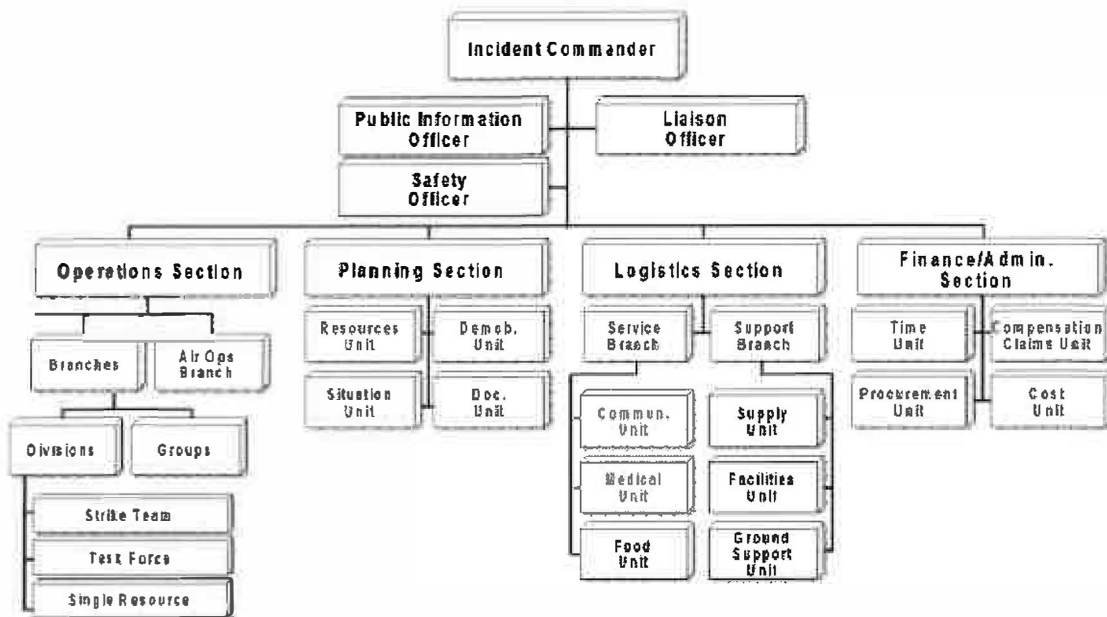
Direction, Control, and Coordination Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	EOC operations
	Activate the EOC and ensure that appropriate staff is notified.
	Establish a system of coordination, such as ICS (see Figure 1), within the EOC. (Field operations at the ICP are required to utilize ICS.)
	Maintain administrative materials for the EOC, i.e., pencils, paper, maps, and status boards.
	Ensure copies of the Support EOP and EOC SOPs are available to EOC staff.
	Coordinate with law enforcement officials for EOC security.
	Local authority
	Direct and coordinate response activities in accordance with this plan, including prioritizing allocation of scarce resources.
	Relieve jurisdiction employees of normal duties and temporarily reassign them to emergency duties, and employ temporary workers, as necessary.
	Declare a local state of emergency.
	Issue directives as to travel restrictions on municipal roads.
	Recommend appropriate protective measures to ensure the health and safety of people and property.
	Assistance to other agencies
	Advise the County Emergency Management Coordinator of the situation and maintain liaison with the County Emergency Management Program.
	Establish communications with and provide support to the Incident Command Post (ICP).
	Provide frequent staff briefings and ensure all groups function as planned.
	Inform legislative body of measures taken.
	Review and authorize the release of information to the public through the Public Information Officer (PIO).
	Logistics
	Ensure all resources are made available for response.
	Formulate specific assistance requests to adjacent jurisdictions and the county.
	Activate MAA/MOUs and contracts with other jurisdictions and organizations.
	Provide aid to other communities as provided for in MAA/MOUs.
	Ensure staff maintains logs of actions taken and financial records.



Support Emergency Operations Plan

Figure 1. ICS Incident Management Structure





Support Emergency Operations Plan

DIRECTION, CONTROL, AND COORDINATION

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT
Plymouth Township Supervisors Office	Plymouth Township Supervisor

The line of succession for the CEO for representing the Direction, Control, and Coordination function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Township Supervisor	Supervisors Office
Fire Chief	Fire Dept
Police Chief	Police Dept

The line of succession for the Emergency Management Liaison for representing the Direction, Control, and Coordination function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Fire Chief	Fire Dept
Police Chief	Police Dept
Shift Commander	Fire Dept

The CEO and Emergency Management Liaison are responsible for reporting or delegating an individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Direction, Control, and Coordination function.

SIGNATURE OF CHIEF EXECUTIVE OFFICIAL	DATE
SIGNATURE OF EMERGENCY MANAGEMENT LIAISON	DATE



Support Emergency Operations Plan

ANNEX B

COMMUNICATIONS AND WARNING

The Communications and Warning function is responsible for alerting and notification of key officials, receiving and disseminating warning and critical emergency information to the public, and the establishment, maintenance, and coordination of communication protocols and links between the EOC and other incident facilities.

The Communications and Warning Official will maintain liaison and coordinate emergency management and response activities with the Communications and Warning functions at the county level. This annex relates to the following annex(es) in the Wayne County EOP, Communications Annex and Warning Annex.

Responsible Agency: Dispatch Center

Communications and Warning Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Communication links
	Ensure lines of communication have been established between all agencies represented in the local EOC, their department offices and their staff at the incident site. Available channels for establishing communications includes (communications channels, e.g. telephone, cell phone, radios, pagers, etc.)
	Coordinate communications between municipal and county EOC. Available channels for establishing communications include (communications channels, e.g. telephone, cell phone, radios, pagers, etc.)
	Establish communications links with the adjacent communities and higher levels of government.
	Coordinate warning frequencies and procedures with adjacent communities and other government agencies.
	Disaster warning and information
	Activate public warning systems when instructed to do so by the CEO or Emergency Management Liaison. Warning methods include (warning methods, e.g., sirens, door-to-door notification, reverse 911, etc.)
	Ensure that warning messages received through the Law Enforcement Information Network (LEIN), National Warning System (NAWAS), Emergency Alert System (EAS), local weather spotters, or other verifiable means are issued in a timely manner.
	Determine which facilities are endangered by the incident and contact those facilities. Ensure they are contacted when protective actions are rescinded.
	Notify special locations (e.g., schools, hospitals, nursing homes, major industries, institutions, and places of public assembly).
	Ensure that public warning systems provide notification to residents with Access and Functional Needs, such as the elderly, hearing impaired, non-English speakers, individuals with mobility limitations, etc.
	Official notification
	Ensure that all necessary officials have been notified and/or updated about the incident.
	Notify neighboring jurisdictions of impending hazard or hazardous situations when instructed to do so by the Chief Executive Official or Emergency Management Liaison.



Support Emergency Operations Plan

COMMUNICATIONS AND WARNING

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT
Plymouth Township Police Department	Assistant Police Chief

The line of succession for representing the Communications and Warning function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Assistant Police Chief	Police Dept.

The Police Department is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Communications and Warning function.

SIGNATURE OF COMMUNICATIONS AND WARNING OFFICIAL	DATE



Support Emergency Operations Plan

ANNEX C DAMAGE ASSESSMENT

The Damage Assessment (DA) function is concerned with the process of documenting damage from emergencies in the community. Information gathered may be used to determine the extent of damage and impact on the community resulting from an incident to justify future federal funding, declarations of emergency, and disaster proclamations. An accurate damage assessment is a necessary part of the recovery phase and determines qualification for state and federal disaster aid.

The Damage Assessment Official will maintain liaison and coordinate emergency management and response activities with the DA function at the county level. This annex relates to the following annex(es) in Wayne County EOP, Damage Assessment Annex.

Responsible Agency: **Building Department**

Damage Assessment Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan.
	Damage assessment
	Maintain current list of DA field team members.
	Maintain damage assessment field team supplies for contingency purposes, i.e., MSP/EMSHD Pub 901 Michigan Damage Assessment Handbook, blank forms, flashlights, cameras, pencils, paper, maps, etc.
	Activate DA field teams.
	Collect both public and private damage assessment information.
	Record initial information on damages from first responders.
	Augment DA field teams, as the situation dictates.
	Dissemination of DA information
	Provide an initial DA to EOC staff.
	Provide and verify DA information to the CEO and, if necessary, assist in preparation of a local state of emergency declaration.
	Prominently display DA information in the EOC, including maps, situation updates and assessment data.
	Provide the PIO with current DA information for release to the public.
	Provide DA data to the Emergency Management Liaison. The Emergency Management Liaison will forward information to the County Emergency Management Program for submission in MI CIMS.
	Logistics
	Maintain a status list of requested resources.
	Compile and maintain a record of expenditures for personnel, equipment, supplies, etc.



Support Emergency Operations Plan

DAMAGE ASSESSMENT

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT
Plymouth Township Building Dept	Chief Building Official

The line of succession for representing the DA function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Chief Building Official	Building Dept
Building Inspector	Building Department

The Building Department is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the DA function.

SIGNATURE OF DAMAGE ASSESSMENT OFFICIAL	DATE



Support Emergency Operations Plan

ANNEX D

FIRE SERVICES

The Fire Services function is concerned with detecting and suppressing wild land, rural, and urban fires and any of these that result from, or occur coincidentally with, an incident response.

The Fire Services Official will maintain liaison and coordinate emergency management and response activities with the Fire Services function at the county level. This annex relates to the following annex(es) in Wayne County EOP, Fire Annex.

Responsible Agency: **Fire Department**

Fire Services Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Response activities
	Coordinate fire response and search and rescue activities with appropriate personnel at the County Emergency Management Program, including assistance to regional special teams such as Regional Response Teams, Michigan Urban Search and Rescue (MUSAR), bomb squads, etc.
	Respond to hazardous materials spills.
	Coordinate with the County EMC and the State of Michigan in the decontamination of affected citizens and emergency workers after exposure to CBRNE hazards.
	Assist in searching for bombs and explosive devices in connection with terrorism or weapons of mass destruction (WMD) events.
	Assistance to other agencies
	Advise EOC staff about fire and rescue activities.
	Provide communications and other logistical supplies, as needed.
	Assist with evacuations.
	Assist in damage assessment operations.
	Assist in warning the population. Loud speakers on fire vehicles or door-to-door warning may be utilized.
	Assist in salvage operations and debris clearance.



Support Emergency Operations Plan

FIRE SERVICES

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT
Fire Department	Fire Chief

The line of succession for representing the Fire Services function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Shift Commander	Plymouth Township Fire
Off Duty Battalion Chief	Plymouth Township Fire

The Fire Department is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Fire Services Functions.

SIGNATURE OF FIRE SERVICES OFFICIAL	DATE



Support Emergency Operations Plan

ANNEX E

MASS CARE, EMERGENCY ASSISTANCE, HOUSING, AND HUMAN SERVICES

This function is concerned with issues related to the provision of mass care, emergency assistance, housing, and human services to disaster survivors, including those that require FNSS, throughout the prevention, preparedness, mitigation, response, and recovery phases of disasters and emergencies.

The Mass Care, Emergency Assistance, Housing, and Human Services Official will maintain liaison and coordinate emergency management and response activities with the Mass Care functions at the county level. This annex relates to the following annex(es) in the Wayne County EOP, Human Services Annex.

Responsible Agency: **Fire Department**

Mass Care, Emergency Assistance, Housing, and Human Services Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Disaster-related needs
	Coordinate activities of municipal departments that provide mass care and human services.
	Coordinate with the County Emergency Management Program, the American Red Cross (ARC) and other agencies to distribute food, water, and clothing, and meet other basic needs of disaster survivors and emergency responders.
	Coordinate to provide transportation for disaster survivors and emergency responders.
	Arrange for the provision of crisis counseling to disaster survivors and emergency responders.
	Coordinate procedures for the tracking of family members and reunification of families.
	Identify and account for personal property that may be lost during a disaster.
	Coordinate with the County EOC to establish procedures for the registration and management of volunteers and donations.
	Coordinate with agencies in the community that work with individuals with access and functional needs to ensure disaster related needs are met.
	Protective action
	Coordinate the provision of transportation for evacuation.
	Provide staff and resources to manage open shelters.
	Coordinate care for individuals at shelters and for those who have been sheltered-in-place.
	Determine whether shelters must be opened long or short-term.
	Provide guidance/policies for the care of household pets that are brought to shelters by evacuees (only service animals are allowed into ARC shelters).
	Pre-identified shelter locations include: (shelter locations; information on pre-identified shelter locations should be available from the County Emergency Management Program or ARC)



Support Emergency Operations Plan

MASS CARE, EMERGENCY ASSISTANCE, HOUSING, AND HUMAN SERVICES

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT
Fire Department	Fire Chief

The line of succession for representing the Mass Care, Emergency Assistance, Housing, and Human Services function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Shift Commander	Plymouth Township Fire
Off Duty Battalion Chief	Plymouth Township Fire

The Fire Department is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Mass Care, Emergency Assistance, Housing, and Human Services function.

SIGNATURE OF MASS CARE, EMERGENCY ASSISTANCE, HOUSING, AND HUMAN SERVICES OFFICIAL	DATE



Support Emergency Operations Plan

ANNEX F

PUBLIC HEALTH AND MEDICAL SERVICES

The Public Health and Medical Services function is responsible for assessing public health and medical needs, health surveillance, and provision of medical care personnel, supplies and equipment.

The Public Health and Medical Services Official will maintain liaison and coordinate emergency management and response activities with the Public Health and Medical Services function at the county level. This annex relates to the following annex(es) in the Wayne County EOP, Emergency Medical Services Annex and Public Health Annex.

Responsible Agency: **Fire Department**

Public Health and Medical Services Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another representative from the agency to staff the EOC and implement the plan.
	Patient care
	Coordinate with medical providers and shelter managers to staff medical personnel at shelters.
	Identify the transportation resources and personnel needs to transport disaster survivors to temporary care centers.
	Provide transportation of patients and assist hospitals with transfer of patients.
	Ensure identification and notification of disaster survivors and emergency responders in need of crisis counseling and/or debriefing.
	Coordinate the monitoring of disaster survivors and emergency responders for exposure to chemical, radiological, or biological contaminants, and assist in their decontamination.
	Public health
	If necessary, identify a site for a temporary morgue. NOTE: The medical examiner is responsible for identifying the deceased. Law enforcement and EMS may provide additional support in collecting and transporting.
	Assist with animal and pet control and support the county Animal Control Unit in the quarantine and disposal of diseased animals.



Support Emergency Operations Plan

PUBLIC HEALTH AND MEDICAL SERVICES

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT
Fire Department	Fire Chief

The line of succession for representing the Public Health and Medical Services function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Shift Commander	Plymouth Township Fire
Off Duty Battalion Chief	Plymouth Township Fire

The Fire Department is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Health and Medical Services function.

SIGNATURE OF HEALTH AND MEDICAL OFFICIAL	DATE



Support Emergency Operations Plan

ANNEX G PUBLIC INFORMATION

The Public Information function ensures accurate, coordinated, timely, and accessible information is disseminated to governments, media, the general public, and the private sector throughout the prevention, preparedness, mitigation, response, and recovery phases of disasters and emergencies.

The Public Information Official will maintain liaison and coordinate emergency management and response activities with the Public Information function at the county level. This annex relates to the following annex(es) in the Wayne County EOP, Public Information Annex.

Responsible Agency: **Clerks Office**

Public Information Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan.
	Pre-disaster public education
	Assist the Emergency Management Liaison in developing educational materials on the hazards facing the community and explaining what people can do to protect themselves to recover from incidents.
	Ensure that written materials are developed for non-English speaking individuals or others who require FNSS.
	Disaster warning and information
	Develop and release updated EAS messages based on incoming information.
	Document which EAS messages have been delivered over radio and television.
	Ensure that accurate information is disseminated describing such items as the locations of shelters, missing persons information hotline, volunteer hotline, rumor control hotline, etc.
	Distribute prepared public educational materials.
	Media coordination
	Establish and maintain contact with the EOC and/or the ICP.
	Prepare press releases and ensure that all press releases and official information is reviewed by Township Clerk.
	Verify that information is accurate before releasing it to the media.
	Schedule media briefings.
	Establish a Public Information Center as the central point from which municipal news releases are issued at 9911 North Haggerty Rd Plymouth MI 48170
	Assist the county in establishing a Joint Information Center (JIC; the JIC can be used by agency representatives for releasing information to the news media).
	Coordinate public information activities with the County PIO and the JIC.
	Schedule interviews between the CEO and media agencies.
	Monitor all forms of media, both traditional and social, for rumors, and address rumors as soon as possible



Support Emergency Operations Plan

PUBLIC INFORMATION

The following agency is responsible for this annex:

AGENCY	TITLE OF CONTACT
Plymouth Township Clerks Department	Township Clerk

The line of succession for representing the Public Information function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Township Clerk	Clerks Dept.
Deputy Township Clerk	Clerks Dept.

The Clerks Office is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Information function.

SIGNATURE OF PUBLIC INFORMATION OFFICIAL	DATE



Support Emergency Operations Plan

ANNEX H

PUBLIC SAFETY

The Public Safety function is concerned to ensuring the safety of all citizens, maintaining law and order, protecting public and private property and providing protection for essential industries, supplies and facilities.

The Public Safety Official will maintain liaison and coordinate emergency management and response activities with the Public Safety function at the county level. This annex relates to the following annex(es) in Wayne County EOP, Law Enforcement Annex.

Responsible Agency: **Police Department**

Public Safety Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan.
	Response activities
	Provide security and access control at critical facilities and incident sites.
	Implement any curfews ordered by the governor or CEO.
	Enforce evacuation orders and assist in evacuations.
	Ensure prisons and jails are notified of potential threat and determine whether proper safety and security precautions are being taken.
	Implement urban search and rescue capabilities, including animals.
	Investigate incident and provide intelligence information to county, state and federal officials.
	Transportation
	Secure unusable roads. (Use Fire Services and Public Works for support, if necessary).
	Identify routes that need barricades and signs. Request necessary assistance from Public Works.
	Ensure vehicles on evacuation routes are removed. If necessary, request that Public Works agencies move vehicles off the road. Maintain record of where vehicles are being taken.
	Coordinate with the Road Commission or Public Works in rerouting traffic and putting the appropriate signs in place.
	Assistance to other agencies
	Assist Warning function in warning the public, when necessary.
	Assist the medical examiner with mortuary services.
	Assist families isolated by the effects of the disaster.



Support Emergency Operations Plan

PUBLIC SAFETY

The following agencies are responsible for this annex:

AGENCY	TITLE OF CONTACT
Plymouth Township Police Department	Police Chief

The line of succession for representing the Public Safety function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Police Chief	Police Dept.
Assistant Police Chief	Police Dept.
Police Lieutenant	Police Dept.

The Police Department is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Safety function.

SIGNATURE OF PUBLIC SAFETY OFFICIAL	DATE



Support Emergency Operations Plan

ANNEX I

PUBLIC WORKS

The Public Works function is responsible for conducting pre- and post-incident assessments, ensuring critical services are met through existing contracts, providing technical assistance and engineering expertise and construction management, providing emergency repair of damaged public infrastructure and critical facilities, and the clearing of debris from public roads.

The Public Works Official will maintain liaison and coordinate emergency management and response activities with the Public Works function at the county level. This annex relates to the following annex(es) in the Wayne County EOP Public Works Annex

Responsible Agency: **Division of Public Services**

Public Works Checklist

	Report to the EOC, when activated, for scheduled exercises and disasters, or delegate another from the agency to staff the EOC and implement the plan
	Response activities
	Coordinate debris removal activities.
	Coordinate activities designed to control the flow of floodwater.
	Damage assessment
	Provide engineering expertise to inspect public structures and determine if they are safe to use.
	Provide DA information for roads, bridges, buildings, infrastructure, etc. to DA function.
	Transportation
	Provide barricades and signs for road closures and boundary identification (to include activating MAA/MOUs if additional barricades are needed).
	Provide technical expertise in road weight limits, road capacity, etc., to determine whether evacuation routes are adequate for traffic flow.
	Notify law enforcement of the location(s) of disabled vehicles.
	Contact appropriate Michigan Department of Transportation (MDOT) and county transportation officials to request travel restrictions on state and county roads, if necessary.
	Assistance to other agencies
	Assist in identifying access control areas.
	Assist with urban search and rescue activities, if necessary.
	Maintain contact with local utilities to determine the extent and cause of damage and outages.
	Report this information and restoration schedules to EOC staff.
	Coordinate with utility companies in the restoration of essential services.
	Logistics
	Provide vehicles and personnel to transport essential goods, such as food and medical supplies, when directed by the EOC staff.
	In conjunction with public health, help identify sources of potable water.
	Assist in identifying and obtaining the appropriate construction equipment to support disaster response and recovery operations.
	Provide emergency generators and lighting.



Support Emergency Operations Plan

PUBLIC WORKS

The following agencies are responsible for this annex:

AGENCY	TITLE OF CONTACT
Plymouth Twp Department of Public Works	Public Service Director

The line of succession for representing the Public Works function during a response to an emergency or disaster situation is:

TITLE	AGENCY
Public Service Director	DPW
DPW Foreman	DPW

The Division of Public Services is responsible for reporting or delegating another individual from their agency to report to the EOC during scheduled exercises or emergencies to coordinate and represent the Public Works function.

SIGNATURE OF PUBLIC WORKS OFFICIAL	DATE



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 22, 2023

ITEM: Proposal for AMI Business Case Analysis

PRESENTER: Bob Doroshewitz, Treasurer
Patrick Fellrath, PE, Director of Public Services

BACKGROUND:

As authorized by the Board on August 23, 2022, Township Treasurer and Director of Public Services prepared and issued a Request for Proposals (RFP) for replacement of water meters and implementation of Advanced Metering Infrastructure (AMI). In response to the RFP issuance, proposals were received and are currently under review.

Prior to completing the review of proposals and making a formal recommendation to the Board, the Township Treasurer and Director of Public Services request the Board to approve the attached professional services proposal for assistance in conducting a business case evaluation for implementing AMI.

A business case evaluation is necessary to finalize the review of proposals. A business case evaluation will include cost-benefit analyses of the top proposals under consideration and ensure proposals meet Township current and future meter reading and billing needs. The evaluation will be comprehensive and defensible; it will include an assessment of both direct (hard) and indirect (soft) costs and benefits and provide a long-term outlook for an AMI investment. A business case evaluation will help determine which proposal, if any, should be further negotiated and/or recommended to the Board for approval.

The attached proposal from E Source, a national AMI consulting services firm, for assistance in conducting a business case evaluation is recommended tonight for Board approval. Per the attached proposal, E Source has significant AMI project experience including similar AMI business case development with municipal utilities throughout the United States. E Source is vendor neutral and has project experience with the AMI vendors whose proposals are currently under consideration by the Township. Township Treasurer and Director of Public Services have interviewed the Project Manager, Mr. Joel Westvold, PMP, and Sr. Vice President Kody Salem of E Source about the proposed work and have reviewed prior analyses done by their team.

ACTION REQUESTED: Approve

BUDGET/ACCOUNT NUMBER: 592-537-803.000

MODEL RESOLUTION: I move to approve Resolution # 2023-08-22-71, authorizing E Source Companies, LLC (E Source) to perform professional services as specified in the attached Advanced Metering Infrastructure (AMI) Business Case Development proposal in the amount of \$29,284.

ATTACHMENTS: Proposal

Moved By _____ Seconded By _____

ROLL CALL:

____Heise____ Vorva, ____ Buckley, ____Curmi, ____Doroshewitz, ____Stewart, ____Monaghan

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

RESOLUTION TO AUTHORIZE AMI BUSINESS CASE ANALYSIS

RESOLUTION # 2023-08-22-71

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the 'board'), held at Township Hall, 9955 N. Haggerty Road, Plymouth, MI on August 22, 2023, the following resolution was offered:

WHEREAS, the Treasurer and Director of Public Services prepared and issued a Request for Proposals (RFP) for replacement of water meters and implementation of Advanced Metering Infrastructure (AMI), as authorized by the board on August 23, 2022; and

WHEREAS, in response to the RFP issuance, several proposals were received and are currently under review; and

WHEREAS, a business case analysis is required to finalize the review of the proposals; and

WHEREAS, E Source Companies, LLC (E Source) submitted a proposal to perform an AMI business case analysis; and

WHEREAS, E Source is a national AMI consulting firm with significant AMI project experience including AMI business case development for municipal utilities; and

WHEREAS, Treasurer and Director of Public Services interviewed E Source project manager and senior vice president about a proposed AMI business case analysis and have reviewed prior analyses done by E Source; and

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2023-08-22-71** authorizing E Source to perform professional services as specified in their Advanced Metering Infrastructure (AMI) Business Case Development proposal dated August 11, 2023, in the amount of \$29,284.

Moved by: _____ Seconded by: _____

ROLL CALL:

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



Proposal to:

Plymouth Township

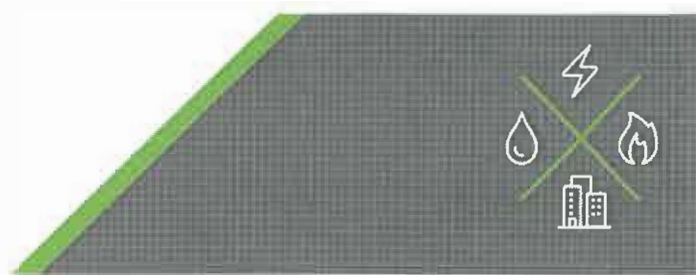
August 11, 2023

Advanced Metering Infrastructure (AMI) Business Case Development



Solution Services
Technology Planning & Implementation

3020 Carbon Pl., Ste 300 | Boulder, Colorado 80301
www.esource.com | SalesSupport@esource.com



August 11, 2023

Patrick Fellrath, Director of Public Works
Plymouth Township
46555 Port Street
Plymouth, MI 48170

Re: Advanced Metering Infrastructure (AMI) Business Case Development

Dear Patrick:

E Source Companies, LLC (E Source) is pleased to provide our proposal to the Plymouth Township ("Plymouth") in response to your request for Advanced Metering Infrastructure (AMI) consulting services to develop an AMI business case. E Source has provided similar services for more than 200 clients across the U.S. and Canada and firmly believes we are best suited to assist Plymouth in this initiative.

Since 1986, E Source has delivered solutions-based research, consulting, and data science services to utilities. Our solutions have helped hundreds of utilities effectively manage the customer and infrastructure sides of their business reliably, efficiently, safely, and sustainably. Our guidance helps clients make data-driven decisions to strengthen their customer relationships, plan for tomorrow's infrastructure needs, and further their environmental sustainability. Working in lockstep with your project team, we will do the in-depth business case development needed prior to AMI implementation.

In addition to providing assessment, planning, design, and procurement support to our AMI clients, E Source has supported implementation of 85+ AMI systems, with a 100% success rate. In fact, we've been called in to rescue failing projects, and in each of those cases, E Source was able to work with our clients to resolve the issues and get the project on track for completion. We put that implementation knowledge and know-how back into our AMI planning and procurement processes and help utilities like Plymouth do the upfront work to ensure a successful AMI deployment.

We have implemented or integrated virtually every major utility IT system in the past 20 years, including AMI, MDMS, SAP CIS, and customer portals. Our people, processes, and analysis tools work in conjunction to lower costs, reduce risk, and ensure benefits capture. *We understand the entire utility "system of systems"* and can provide invaluable guidance during business case

E

We understand your project.

We're not just engineers and consultants who have delivered utility technology projects, we're **utility operations experts**. Our team includes staff who have managed Customer Service & Billing Operations, Water & Wastewater Treatment Plants, Distribution & Collection Systems; directed Water Utility Programs, developed Asset Management Plans; determined Capital Improvement Programs; and faced City Councils for rate increases.

We've been in your shoes.



development. In fact, all of our project vendor costs are captured in a comprehensive E Source pricing database, which is a powerful tool during financial analysis, giving us extensive data to support pricing.

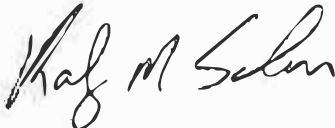
Perhaps most importantly, **our expertise is focused specifically on utilities** and has been since E Source began 37 years ago. E Source utility clients rely on us to help them assess and procure AMI infrastructure technology that fits their technical environment and budget and sets them up to achieve their business goals. We do this at an exceptionally high level because our project teams include staff who worked in utility environments just like yours. They understand utility operations and the challenges you face daily. They know that setting up the technology to gather and receive AMI data is only one step of an AMI implementation. To improve operations and customer service levels, utilities must also transform their business processes and train employees to harness the power of AMI data. We have decades of experience doing just that for hundreds of AMI clients.

While noted in our proposal, I would like to highlight a few key relevant points:

- **Our fee is negotiable** based on further definition of your project scope.
- **We propose a lean, efficient team of specialists** who will work as an extension of your staff, striving to minimize the impact on your daily operations. We can do more with a smaller team because of their level of AMI and utility operations experience.
- **We are 100% vendor neutral.** While we have implemented solutions provided by all the main AMI vendors and have contacts at the highest levels of their organizations, we do not associate our recommendations with a particular technology or company. We have no vendor affiliations.

Please feel free to contact me at 615-375-6396 or via email at kody_salem@esource.com. We look forward to hearing from you in the coming weeks.

Sincerely,



Kody Salem, Sr. Vice President, Solution Services

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Executive Summary

Enlisting the guidance of an experienced AMI consultant to develop a business case will help ensure a well-planned, cost-effective, and value-driven analysis of whether to move forward with an AMI system implementation that best serves Plymouth Township and its customers.

With more than 500 utility customers, 200 AMI clients, and more than 85 full AMI system implementations, E Source has fine-tuned our methodology based on extensive field experience. Each project presents its own unique drivers, goals, and operational and technological environments; however, we've learned that the following precept holds true for all successful AMI projects.

Implementation Planning Begins at the Beginning – Although implementation starts with system integration and meter deployment, the success of the implementation is dependent upon planning work that coincides with business case development. All Task 1 activities presented herein are part of a proven pre-implementation planning methodology that centers around asking the right questions, understanding business goals, and getting all necessary input to assure that the financial analysis is comprehensive and defensible. The E Source approach to discovery and the analysis itself will assure the development of a sound business case.

Qualifications

For 37 years, E Source has been providing services on a variety of projects to water, electric, and gas utilities across North America. As the leading solver of problems facing utilities and municipalities, E Source provides our clients with consulting and system implementation services on a wide range of technologies and business and customer matters—including AMI and associated systems, water loss control, customer engagement/satisfaction, operational efficiency, cost management, and system reliability.

Vendor Neutral **100%** **Founded 1986**
Supported **500+** **H** **Boulder, CO**
Utility Clients **240** Expert Resources **Q**

E Source is the leading consulting firm in the U.S. in delivering solutions-based research, consulting, and data science services to the utilities industry. E Source has a particular business focus on municipal utility projects—from data analytics, feasibility studies, strategic plans, business cases, and vendor selection, to complete business process transformations and all phases of the system implementation life cycle. Our fine-tuned methodologies have produced world-class tools and processes that have led to a record of **100% successful project outcomes**. As noted in Figure 1, we bring expertise in all areas of Strategy, Planning, and Implementation. Unlike other consultants with little to no successful implementation know-how and projects riddled with delays, our experts will leverage this implementation expertise to enhance the strategy and planning components to help ensure overall program excellence.

E Source's TPI team has prepared **100s of business cases and technology roadmaps** and successfully completed numerous system acquisition and implementation efforts for water, gas, and energy utilities of all sizes (from 5K to 4.7M meters). We have incorporated the lessons learned through our involvement in many of the nation's largest deployments and many municipal utility projects into our current methodology and approach, which will be leveraged to ensure project success.



Figure 1. E Source Brings Key AMI Project Experience

With an average of **20+ years of utility technology experience**, E Source's consultants provide a range of services—spanning from initial needs assessment and technology roadmaps, to procurement, all the way through to successful implementation and “go-live” of a holistic and integrated system. Our staff have implemented or integrated virtually every major utility information technology system in the past 20 years, including AMR/AMI, MDMS, EAM, CIS, GIS, MWFM/WMS, OMS, Customer Portal and Communications, Data Analytics, and many other utility operational technologies. **We understand the entire utility “system of systems.”**

Our experience is an important part of the value we offer. Our project team has not only delivered business cases, assessments, roadmaps, and plans, but we have also gone on to implement these plans for utilities through our implementation and integration services. This has provided us with *invaluable insight* into the many different vendors, what works and what doesn't, what kind of solution would best serve your needs, and what the system should entail. We apply the lessons learned from our implementation experience back into our front-end consulting to continually improve our value-added offering.

AMI BY THE NUMBERS	
20M	Municipal meters served
200	Utility AMI clients across North America
165	AMI Assessments and studies
115	AMI vendor procurements
85	Full AMI system implementations
20	Average staff years of AMI experience
#1	In AMI Expertise

Our team is known throughout the industry as the leading utility operations and technology solution experts. We are familiar with virtually all current and emerging technologies and ancillary products and services, and we pride ourselves on being *vendor neutral*. This assures our clients that our recommendations are the very best for their needs and requirements. Our approach balances innovation with pragmatic business acumen.

Our team has worked across North America to help clients achieve successful project outcomes. Figure 2 demonstrates our ability to provide benefits for utilities regardless of their location and specific environment. Our recommendations are always informed by a detailed review of our clients' unique circumstances, characteristics, practices, and culture.

Our mission is to *ensure a high-quality delivery that meets your needs, budget, and schedule*. The E Source team is the leading consulting and implementation support firm for utilities in North America. Our credentials and track record of success for hundreds of projects is unmatched in the industry.

Our *proven delivery methodology* uses an integrated task approach that has led to hundreds of successful project outcomes and ensures that all proposed deliverables are thoroughly addressed. Table 1 provides a representative sampling of E Source experience with similar AMI projects for municipal utility clients.



Figure 2. E Source Supports Clients Across North America

Table 1. E Source Representative Sample of Similar AMI Projects

E Source Recent AMI Water Projects	Service Type	# of Meters (in thousands)	Assessment / Business Case	Vendor Procurement / Selection	Requirements & Specifications	Project Management / Quality Assurance	Pre-Implementation & Implementation Plans	Systems Integration, Testing & Deployment	OCM / Customer Engagement	Business Process Design
Albemarle County Service Authority (VA)	W	21	■	■	■	■	■	■	■	■
Albuquerque Water Authority (NM)	W	170	■	■	■	■	■	■		
Brownsville Public Utilities Board (TX)	W	93	■	■	■	■	■		■	■
Chelan County PUD (WA)	E W	50	■	■	■	■	■		■	
City of Belmont (NC)	W	5	■	■	■	■	■	■		
City of Buena Park (CA)	W	20	■	■	■	■	■	■		
City of Clearwater (FL)	W	41	■	■		■	■			■
City of Fort Collins (CO)	E W	116	■	■	■	■	■	■	■	■
City of Galveston (TX)	W	25	■	■	■	■	■	■	■	■
City of Greensboro (NC)	W	110	■	■	■	■	■	■	■	■
City of Lawrence (KS)	W	34	■	■	■	■	■	■	■	■
City of Monroe Public Works (LA)	W	23	■	■	■	■	■	■	■	■
City of Newport News (VA)	W	125	■	■	■	■	■	■	■	■
City of Norman (OK)	W	41	■	■	■	■	■		■	■
City of Oceanside Water Utilities (CA)	W	44	■	■	■	■	■	■	■	■
City of Palo Alto (CA)	E W	72	■	■	■	■	■	■	■	■
City of Richland (WA)	E W	45	■	■		■	■	■	■	■
City of Roseville (CA)	E W	112	■	■		■	■	■	■	■
City of Ruston (LA)	E W	19	■	■	■	■	■	■		
City of San Jose (CA)	W	27	■	■	■	■				
City of Santa Barbara (CA)	W	27	■	■	■	■	■	■		
City of Seal Beach (CA)	W	5	■	■	■	■	■	■		
City of Tampa (FL)	W	148	■	■	■	■	■		■	
City of Thornton (CO)	W	38	■	■	■	■				
City of Vallejo (CA)	W	28	■	■	■	■	■			
Crescenta Valley Water Department (CA)	W	8	■	■	■	■	■	■		■
Harriman Utility Board (TN)	EWG	20	■	■	■	■	■	■	■	■
Halifax Regional Water Comm. (NS)	W	90	■	■	■	■		■	■	■
Huntsville Utilities (AL)	EWG	320	■	■	■	■	■	■	■	■
Long Beach Water Department (CA)	W	100	■	■	■	■	■	■	■	■
Loudon Utility Board (TN)	EWG	20	■	■	■	■	■	■	■	■
North Marin County Water District (CA)	W	21	■	■	■	■	■	■	■	
Regional Municipality of Halton (Canada)	W	170	■	■	■	■	■	■	■	
Tacoma Public Utilities (WA)	E W	275	■	■	■	■	■	■	■	■

Task 1: Assessment and Business Case

Subtask 1.1: Kickoff and Discovery

Immediately following notice to proceed, E Source will hold a kickoff meeting with you to review project scope, requirements, deliverables, schedule, and reporting relationships. This meeting will also address project issues and concerns.

To ensure our team has the necessary information to begin formulating an assessment, we will provide you with a data request for background information, including your current IT environment (e.g., operational systems such as the existing CIS, Asset Management, GIS, maintenance planning, customer web portals, etc.). We'll also ask for any environment and integration diagrams that may exist, current conservation programs, current water rate sheets, capital investment plans, etc. We'll share and review discovery questions with you to understand what information is readily available and who will compile it. We will establish a timetable, being mindful of any limits on readily available data and Plymouth staff members' time.

Our team forms a solid foundation for success by conducting a discussion with you to establish a common understanding of your project goals, drivers, success factors, and risks (see Figure 3). This approach stimulates discussion around project goals and objectives that otherwise may not have been considered.

As a foundation for the economic and financial analyses, we'll lead you in a separate discussion to identify key operational impacts. During this effort, E Source will review the policies currently in place that may be affected by the deployment of new technology. The output will serve as input into E Source's findings and recommendations specific to Plymouth readiness to begin an AMI initiative.

GOALS & OBJECTIVES LOG					
ID	Category	Goal	Desired State (Objective)	Markers	Priority
1	All	Create automated, modernized and data-driven processes	More thorough business process re-engineering, integration, and data preservation exercises to protect each group with what they need		H
2	All	Prepare for smart city functions	Analyze options to migrate city-wide assets (including AMI network infrastructure) and determine utility-specific curve guidelines	Resources across disciplines needs to be considered	L
3	All	Stay within the project budget	Ensure that improvements are true value-added changes with a vision to remain in budget		H
4	All	Produce a robust flexible network for future uses	Robust network that allows for increased system analytics and data acquisition as new technology emerges into the market		M
5	Customer Service	Affect customers where they are	Provide a diverse set of tools and information to customers	Will need to use paper-based methods for notifications (bills, meter upgrade letters, etc.) and	M

Figure 3. Understanding of Goals & Objectives Forms Solid Foundation

Achieving the full benefit of an AMI system requires integrating the AMI system with other Plymouth information systems. For example, other processes and interfaces may automatically notify customers of anomalies via instant messaging, email, or outbound dialing, based on account data in the CIS. Linking consumption data from all the customers in a pumping district to production data from the SCADA system could (if applicable) help you monitor and manage Non-Revenue Water (NRW).

Also, during the AMI field deployment, an AMI system may need to interact efficiently with several Plymouth information systems to manage the project and ensure accurate billing during the transition (Figure 4). For example, meter and customer data must be generated out of the CIS to create work orders, which in turn may be coordinated with your asset management system. Photographs and geo-positioning coordinates are likely to be part of the meter asset database. Meter register ID numbers may be different than meter base ID numbers if some meters are retrofitted. The CIS typically requires meter and Meter Interface Unit (MIU) ID numbers in inventory before they can be accepted in work orders.

E Source will conduct a specific discussion with you to review your existing information systems to identify areas that must be modified for effective integration to achieve the benefits of AMI. This review will also provide input into IT costs for advanced metering, which will be included in the business case.

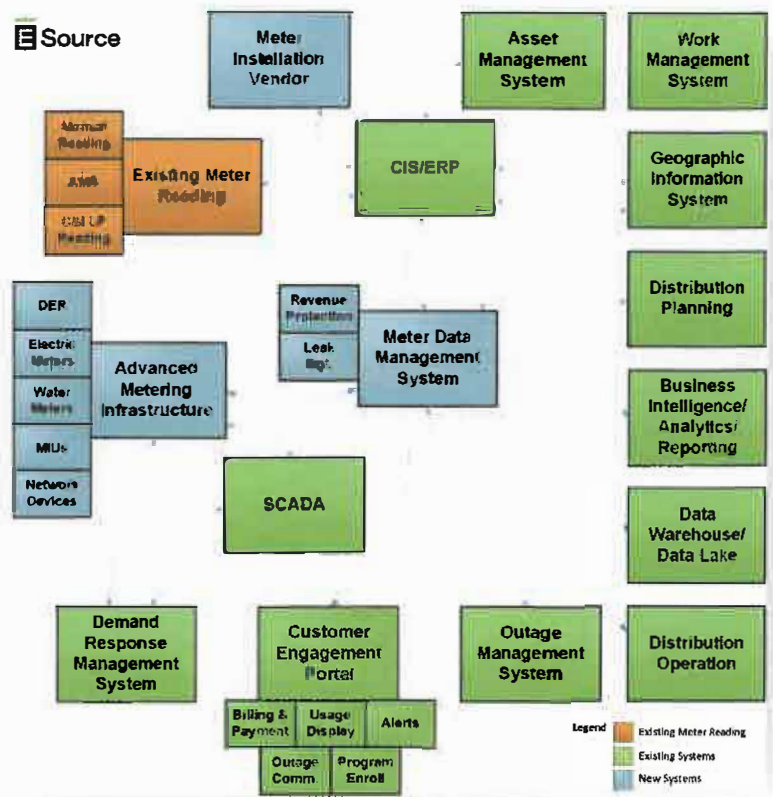


Figure 4. High-level Utility System Context Diagram

DELIVERABLES

- Kickoff meeting presentation with associated documents
- Data requests
- Discovery questions
- Current and future state systems documentation

Subtask 1.2: Financial Analysis

The cornerstone of any technology or infrastructure project planning effort is the financial analysis. It gives an organization a long-term outlook for their capital investment while serving as a means to quantify and memorialize what predicted impact the project will have on operational efficiencies. Following the efforts of the preceding subtask to gather preliminary cost information and potential business case benefits, E Source will deliver a set of data requests that will inform the model assumptions specific to Plymouth.

We will input into our model major technology and deployment scenarios that incorporate many variables (e.g., project implementation phasing, differential inflation rates, component and labor costs, equipment lifespan, deployment timeline, etc.). The average model we produce has between 200 – 300 discrete inputs (or more, depending on complexity) to ensure the highest level of fidelity and precision possible. Our financial models are also backed by a conservative, comprehensive

pricing methodology that considers the unique environment and circumstances at Plymouth. By leveraging our past proposals and contracts we have been involved with on behalf of our clients, we produce engineer's estimates and annual budgetary outlays that are typically within 5% – 7% of actual costs, accounting for all line items necessary to fulfill the project.

As Figure 5 demonstrates, the model will calculate annual and cumulative cash flows across the project lifespan, present value, return on investment, internal rate of return, and other financial measures of interest. Using a sensitivity analysis, we can vary the inputs to arrive at best- and worst-case scenarios, ensuring that Plymouth is prepared for all possible outcomes.

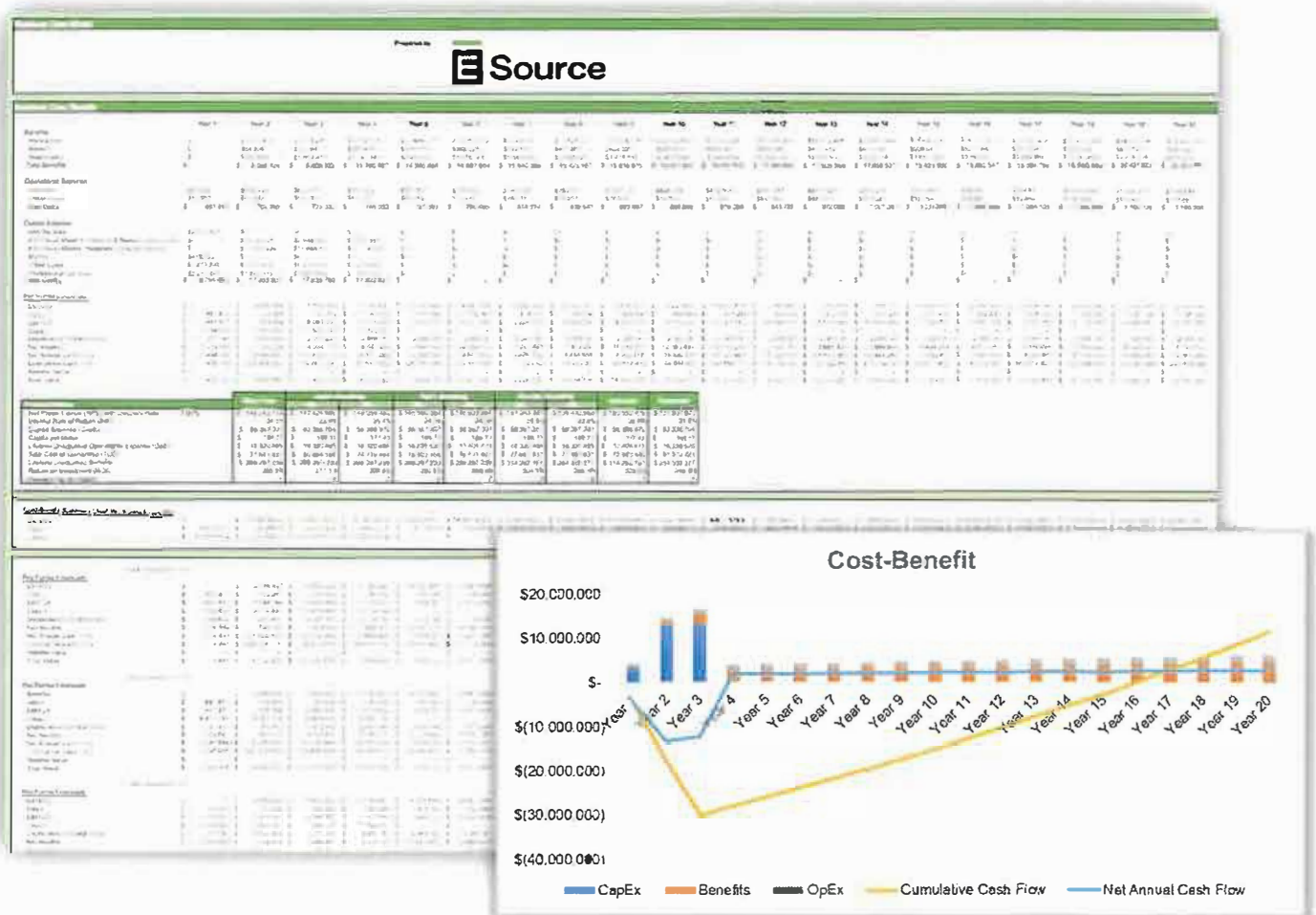


Figure 5. Example Summary Model Output and Cost-Benefit Projection

Our financial analyses are also flexible and robust enough to consider the financial impact across various business units within Plymouth. By allocating costs and benefits across different groups, we can reveal what the relative effects are for a specific department or division and for the overall organization.

For many projects, the costs derived from a traditional cost-benefit analysis are only one part of the overall value stream. While the financial modeling deals well with only hard, direct costs and benefits, a comprehensive business case must also consider soft and indirect costs and benefits,

such as enhanced customer satisfaction and confidence, or reduced environmental impact. As part of the larger business case, we'll include an explicit review of the non-economic factors that can be realized. We'll describe and evaluate the significant direct and indirect impacts of technology strategies in these areas.

ASSUMPTIONS

- The number of model scenarios is limited to three (3). E Source can perform additional scenarios for an additional fee.

DELIVERABLES

- Draft and final financial metrics, direct, and indirect benefits, and scenario analysis results (*.xls)

Subtask 1.3: Assessment Presentation

E Source's findings that are gathered during the subtasks outlined above will be documented in a comprehensive presentation. The presentation will be the primary vehicle for communicating E Source's recommendations to Plymouth.

E Source will schedule working sessions with Plymouth upon delivery of the draft AMI Assessment presentation to review the results and recommendations. E Source expects Plymouth to provide feedback / questions / comments, which will be incorporated into the Final Assessment Presentation. Additionally, E Source will support conducting an on-site presentation to Plymouth's Executive Management / Stakeholders summarizing the effort, results, and recommendations.

DELIVERABLES

- Draft/Final AMI Assessment Presentation (*.ppt)

Proposed Project Team

E Source aims to provide the right team of focused experts on each project we pursue—highly skilled senior consultants who are experts in their fields and who understand the unique drivers, responsibilities, and needs of our clients. To best deliver the scope of services requested by Plymouth Township and contained herein, we have assembled a team of consulting experts with directly relevant water operations and advanced metering experience needed for project success, as shown in Figure 6.

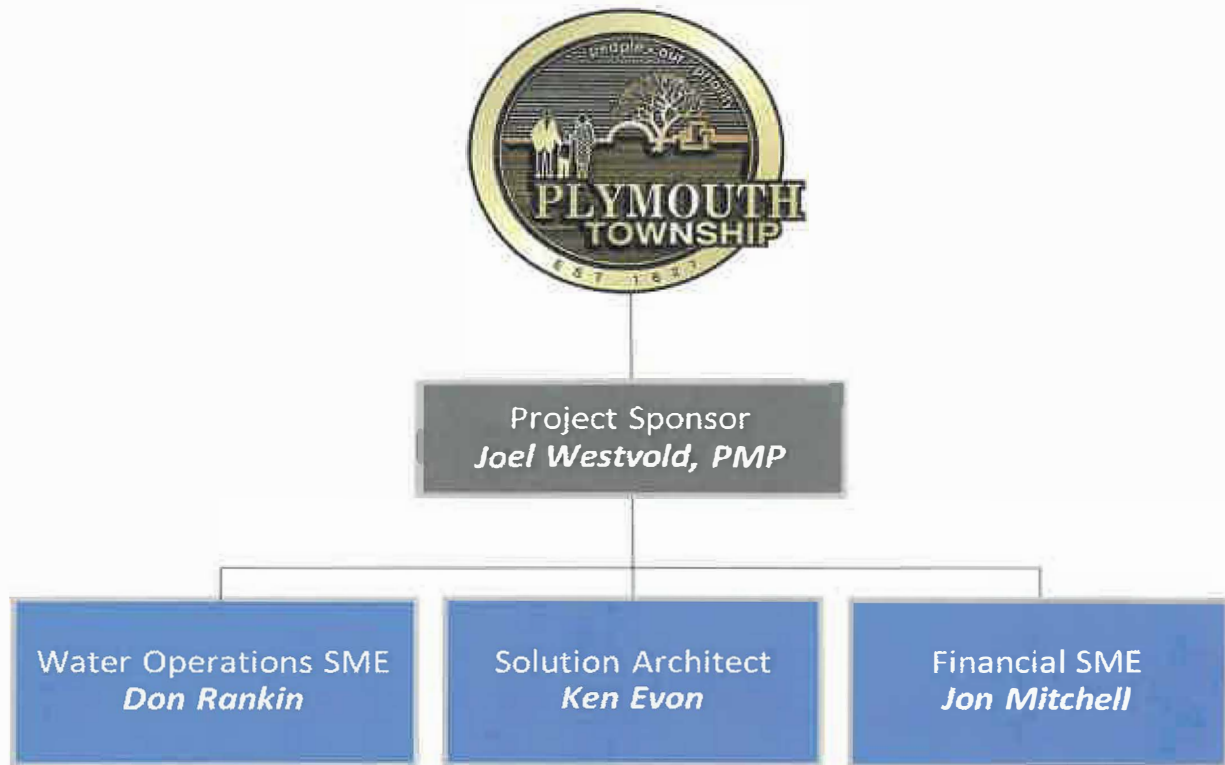


Figure 6. Proposed AMI Project Team

All proposed team members have worked on AMI water utility projects in the same role as proposed, with an average 25+ years of utility and professional experience. Averaging 7 years with E Source, the team members have worked together for years and are some of the most experienced AMI experts in the industry.

The project team is aided by our bench of expert resources and support staff available on demand, if needed. Our staff has assisted 100s of utilities in various aspects of their AMI projects ever since the technology was first introduced. We offer the most extensive breadth of skills in the industry and have consistently added subject matter expertise to meet the needs of building a successful AMI program.

Fee

E Source proposes to perform the requested scope of services as detailed in this proposal for a fixed labor fee of \$29,284. The breakdown of this fee is shown in Table 2.

Table 2. Fee by Task

Phase/Task	Fee	Expenses	Total
Assessment & Business Case	\$29,284	\$-	\$29,284
Project Kick-off & Discovery	\$8,118	\$-	\$8,118
Financial Analysis	\$13,994	\$-	\$13,994
Assessment Report	\$7,172	\$-	\$7,172
Total	\$29,284	\$-	\$29,284

E Source has calculated the proposed fee based on experience with several similar projects and understanding of the level of effort desired by Plymouth Township. Our fee includes all services and deliverables described herein. E Source can adjust the scope of work to provide more or less support to match the needs of Plymouth.

All tasks will be invoiced monthly based on a payment schedule agreed upon with Plymouth Township.

Reimbursable Expenses

No reimbursable expenses (e.g., travel, incidentals, graphic design fees) are expected to be needed for this project, but should they be needed, they will be submitted monthly for reimbursement on an actual and reasonable basis. There is no markup on these direct costs, and E Source does not charge for time spent traveling. We will seek to minimize expenses through the use of government contractor rates, if available, and teleconferences whenever possible.

Assumptions

The following assumptions apply to this proposal:

- E Source's proposed fee to implement this Scope of Work is based on the timely start and timely completion of each proposed task as outlined in the project schedule provided herein. If an unforeseen delay in any proposed task(s) impacts the level of effort identified or exceeds the duration outlined in the proposed schedule, E Source reserves the right to develop a change order applicable to the additional services / level of effort required to complete the impacted task(s).
- Deliverable documents will be in Microsoft Office, including MS-Word, PowerPoint, Excel, MS-Project, Visio, and Adobe PDF.
- Plymouth will provide E Source with working space, network connections, infrastructure, administrative support, and other services and materials reasonably required to perform Project work while onsite at Plymouth Township offices, if requested.
- Reimbursable expenses will be billed monthly at actual cost.
- Plymouth personnel will support workshops and meetings as needed.

- These rates and estimates are exclusive of taxes. Any required state, city, or local government taxes, fees, or business licenses costs will be invoiced at actual cost incurred.

Payment Terms

Payment terms are net thirty (30) days unless otherwise agreed upon. E Source reserves the right to charge one and one-half (1.5%) percent per month, or the maximum rate permitted by law, if less than 1.5%, on any balance remaining unpaid after thirty (30) days.

Proposal Terms and Conditions

The terms of this proposal remain valid for 90 days from date of submittal. E Source reserves the right to negotiate any terms and conditions of the written agreement relating to this SOW with Plymouth Township.

Appendix A: Project Schedule

Figure 7 provides a representative timeline for the tasks outlined in this proposal. It is preliminary in nature and subject to change but represents a high-level overview of the general timeline of events in the proposed scope of work. The actual project schedule will be refined with Plymouth's input during project planning and will provide a greater level of detail.

ID	Task Name	Start	Finish	Duration	Sep 2023			Oct 2023				Nov 2023		
					9/10	9/17	9/24	10/1	10/8	10/15	10/22	10/29	11/5	11/12
1	Task 1.1 Kickoff & Discovery	9/11/2023	10/6/2023	20d										
2	Task 1.2 Financial Analysis	10/9/2023	11/3/2023	20d										
3	Task 1.3 Assessment Report	11/6/2023	11/17/2023	10d										

Figure 7. Sample Estimated Timeline

Appendix B: Resumes

This appendix includes resumes for each of the proposed project team members:

- Joel Westvold
- Don Rankin
- Ken Evon
- Jon Mitchell



Joel Westvold, PMP

Project Sponsor

Education and Certifications

Executive MBA

University of Washington, Seattle

BS, Chemical Engineering

Oregon State University

Certified Project Management

Professional, Nationwide

Six Sigma and other Professional

Development/Quality courses

Years' Experience: Total 37; w/ E Source 8

Previous Experience

Senior Director, Customer Engagement

Sensus USA (2010 – 2015)

**AMI Director/Ethics & Compliance
Manager/Various Nuclear Management
Positions, Portland General Electric**
(1989 – 2010)

Associate Engineer, Nuclear
Sacramento Municipal Utility District
(1986 – 1989)

Specializations

- Program and Project Management
- Smart Metering/Grid Modernization Programs
- Management Consulting
- Utility Data Analytics
- System Integration & Implementation

Presentations & Publications

- "AMI Day 2," *Energy Central*, 12/2022
- "Santa Ana Remote Disconnect Project," Sensus Reach, 2022
- "Successful Utility Project Management – The Art and Science," Co-instructor, DistribuTECH 2018 and 2019
- "Smart Metering 101 and Advanced Smart Metering," Co-instructor, EUCI March 2018
- "Overcoming Challenges in AMI at Silicon Valley Power," Co-presenter, DistribuTECH 2018

Joel, a PMP-certified project manager, brings a unique perspective to addressing Smart Utility issues based on his experience in implementing programs at utilities and providing technology solutions to utility customers to meet their Smart metering needs. With 35 years of experience, Joel has served in a senior management capacity for a large electric utility and as management executive with a technology solutions provider to the utility industry. While working for Portland General Electric, Joel led a team that implemented an award-winning AMI project that involved the installation of over 800,000 electric meters, the network to communicate with the meters and integration of the technology with utility systems to gain the most financial benefit and efficiency possible. Joel has led teams of Engagement Directors and Project Managers in the delivery of 100+ Smart Meter projects, including an area of focus on several large projects of over 1M meters/endpoints. He brings expert skills in project management, engineering, people management, and communications at all organization levels.

Joel leverages his core strength in system implementation and integration in support of the firm's complex implementation and other larger projects, serving as Project Sponsor on numerous AMI projects, including for the Cities of Palo Alto and Oceanside, and for the Marin Water District and Halton Region, among others.

Relevant Experience and Background

- Examining business and technical issues related to migrating from existing systems to smart meter solutions
- Providing direct project and program management services for key strategic and large projects—from business case and vendor selection, through contract negotiation and deployment (including field services and testing)
- Successfully delivering complex, multidimensional projects for utility Smart Meter & Grid Modernization
- Managing or supporting more than 60+ AMI projects; including 25+ full implementations in the past 10 years
- Developing roadmaps, strategies, implementation plans, and business cases
- Overseeing organizational change and business process transformation activities

Representative Client Projects

- **City of Ukiah, CA** (Program Manager for CIS implementation)
- **Silicon Valley Power, CA** (Project Manager for AMI systems integration, MIV vendor selection, deployment, OCM and business process transformation)
- **Greenville Electric Utility System, TX** (Project Manager for AMI systems integration, analytics, meter installation and deployment)
- **Seattle City Light, WA** (AMI deployment of 400K electric meters)
- **Contra Costa Water District, CA** (Project Manager for AMI technology evaluation and strategy development)
- **Portland General Electric, OR** (AMI Day 2 analysis and DMS elements)
- **Halifax Water, NS** (Program Manager for AMI systems integration, analytics, meter installation and deployment, organizational change management, business process, and vendor management activities)
- **Huntsville Utilities, AL** (Program Manager for electric, gas, & water AMI deployment, procurement, vendor selection, system integration, business process, and organizational change management)
- **Valley Water, CA** (Managed IT Strategic Plan development)
- **Merced Irrigation District, CA** (Program Manager for AMI, CIS, and MDMS procurement & deployment)
- **City of Chandler, AZ** (Managed AMI water business case development)



Don Rankin

Water Operations SME & Contract Negotiator

Don brings 30+ years of utility experience, including 19 years as a utility director leading water, wastewater, and stormwater utility O&M, capital programs, asset management, and customer service operations. He is an innovative, big picture thinker with strong analytical reporting skills and has developed utility business plans for reduced costs and improved services. As director of a municipal utility, Don developed strategic replacement of assets based on analysis of real-time data integrated from GIS, work order, and financial systems. His expertise helps utilities align all the pieces together, including social disruption and replacement costs, to enable data-driven decisions to strategically manage utility assets.

Education and Certifications

BS, Electrical & Computer Engineering
Kansas State University, 1986

Certified Quality Engineer (CQE)
(1993 – 1996)

6 Sigma Taguchi Certification (1994)

Secret / Top Secret SAR Level Security Clearance US DoD
(1986 – 1995; 1976 – 1981, respectively)

Years' Experience: Total 33; w/ E Source 9

Previous Experience

Utilities Director
City of Topeka, KS (1995 – 2014)

Hardware & Software Design / Manufacturing Engineer
McDonnell Douglas Corp (1986 – 1995)

Electronics Technician, US Navy
Submarine Service (1975–1981)

Specializations

- Metering Systems
- Deployment Planning
- Business Case Assessments
- AMR/AMI/MDMS/ Smart Metering
- Utility Analytics
- Water System O&M
- Water, WW, Stormwater Policy
- Strategic Asset Management and CIP Planning
- Utility Billing System Analysis
- GIS Planning and Tool Development

Presentations

Don frequently presents at AWWA, WEF, and utility conferences on AMI reporting, strategic asset management, cost reduction, and leadership practices.

Relevant Experience and Background

- Planning and executing AMI & MDMS technology programs
- Matching advanced reporting capability to utility goals & objectives, while preparing analytical reports for AMI-related projects for water & electric utilities
- Developing and evaluating responses to RFPs and technology procurement efforts especially in analytical reporting and business intelligence (BI)
- Producing utility billing system data visualization reporting tools to facilitate on-demand charts and graphs of utility customer billing information; creating utility billing data discovery and audit tools to enhance utility revenue
- Successfully obtaining modest multi-year utility rate increases
- Establishing tools for complex, multi-discipline, multi-project tracking
- Developing wastewater combined sewer overflow plan that minimizes regulatory exposure; successfully addressing community red water issues resulting in drastic reductions of customer complaints
- Securing funding and directing major rehabilitations of water/wastewater plants

Representative Client Projects

- **Albemarle County Service Authority, VA** (AMI Feasibility Study, Business Case, Procurement)
- **Long Beach Water Department, CA** (AMI assessment, procurement, Business Intelligence Reporting)
- **Long Beach Gas & Oil, CA** (Develop cost allocation model to assess charges to multiple AMI users)
- **City of Tampa, FL** (AMI business case refresh; meter survey and staffing analyses; procurement, contract negotiations, and implementation planning support)
- **Lawrence, KS** (AMI procurement, deployment, BI planning)
- **JEA, FL** (Assess Current AMI System, Develop AMI Roadmap, Contract Evaluation)
- **Orangeburg, SC** (AMI/MDMS system utilization assessment)
- **JMWSC, SC** (AMR/AMI assessment)
- **Bentonville, AR** (Water loss assessment)
- **Toho Water Authority, FL** (SCADA Assessment)
- **WaterOne, KS** (AMI procurement, deployment)
- **Palo Alto Utilities, CA** (AMI assessment, procurement, testing)
- **Oceanside Water Utilities, CA** (AMI assessment, procurement, QA)
- **Brownsville PUB, TX; City of Shreveport, LA, City of Vallejo, CA** (AMI procurement/evaluation)
- **New Orleans Sewerage and Water Board, LA** (water system assessment, billing issue resolution)
- **Fort Worth Water Department, TX** (Business processes assessment)
- **Alameda County Water District & City of Shasta Lake, CA** (Current AMI system assessment)
- **Alameda Municipal Power, CA** (Build Business Intelligence Tools)
- **Cities of Johnson City & Washington, NC; City of Port St. Lucie, FL; Fauquier County Water Authority, FL** (AMI Assessment)
- **Village of Wellington, FL** (Meter system assessment)
- **City of Norman, OK** (AMI contract negotiations)



Ken Evon

Solution Architect

Ken is an experienced utility professional with nearly 25 years of utility experience, including 15 years of experience identifying and implementing technical solutions to achieve business process compliance. His expertise includes providing solution architecture, implementation, and integration services to utilities and utility-related organizations. Ken's background includes technical support for AMI, OMS, GIS, DMS, SCADA and other utility IT/OT systems. He is a highly motivated problem solver and excels at presenting difficult concepts or procedures in a logical and simple manner.

Education and Certifications

FERC Compliance

Magik Development

Critical Infrastructure Protection (CIP)

Years' Experience: Total 24; w/ E Source 2.5

Previous Experience

IT Tech Specialist
First Energy (2011 – 2021)

Information Analyst
HP Enterprise Services (2005 – 2011)

Applications Technician
Allegheny Energy (1999 – 2005)

Specializations

- Metering Systems
- Deployment Planning
- Systems and Solutions Architecture
- Business Case Assessments
- AMI / Smart Metering / Smart Grid
- Utility Analytics
- OMS Technical Support
- Asset Management and CIP Planning
- GIS Planning and Tool Development

Relevant Experience and Background

- Led implementations of AMI and other technology solutions for utility clients
- Led requirements gathering, design, testing, and implementation through coordination with utility personnel and various vendors
- Developed new technology to support business goals across a range of technology platforms, as well as processes to manage new data streams into back-office systems
- Worked with vendors and clients to support current operations, enhance applications, and coordinate and implement maintenance and upgrades
- Supported implementation of DMS Distribution Supervisory Control and Data Acquisition (DSCADA) solutions across various operating companies; ensured approval and coordination of products changes by representing and presenting change controls on behalf of DSCADA
- Coordinated with Modeling, Network, Communications teams, and field personnel to implement new DSCADA equipment
- Served as a GIS SME and advisor for utility Electric Distribution Ops and technology companies, managing all aspects of GIS application ranging from day-to-day operations to projects

Representative Client Projects

- **Regional Municipality of Halton, ON, Canada** (AMI implementation solution architecture and testing/quality control support)
- **Philadelphia Water Department, PA** (AMI implementation quality control reporting and test engineering support)
- **Newport News Waterworks, VA** (Solution Architect and testing support for AMI implementation)
- **Marin Municipal Water District, CA, Fauquier County Water & Sanitation Authority, VA, and City Port St. Lucie, FL** (Lead systems engineer and solution architect for AMI business case project)
- **Brownsville Public Utility Board, TX** (Solution Architect and testing support for AMI implementation)
- **City of High Point, NC** (Solution Architect for AMI Strategy Development, Initial Deployment Area and Full System Implementation and Testing)
- **Cities of Roseville, CA, and Galveston, TX** (AMI implementation support)
- **First Energy, PA** (SCADA modeling specialist supporting implementation of IT/OT solutions across various subsidiaries)
- **Allegheny Energy, PA** (Developed applications for information systems; managed maintenance and configuration services, including generating and implementing solutions to technical and procedural issues; analyzed applications dealing with back-office systems [e.g., GIS and OMS])



Jon Mitchell

Financial SME

Jon brings 8 years of experience in utility assessment, business case, and procurement for smart metering and associated systems and services related to technology planning and implementation. His technology expertise includes AMI, MDMS, and Customer Engagement Portal (CEP), as well as procurement support for outage management systems and meter installation vendor (MIV) services. Jon's background includes engineering and federal government service. He leverages his skills and experience to provide utility clients with valuable insight. His data interpretation, analytics, and technical insights are particularly beneficial in audit, financial modeling, and procurement engagements.

Education & Certifications

BS, Mechanical Engineering
Louisiana State University

Years' Experience: Total 9; w/ E Source 8

Previous Experience

**U.S. Naval Research Laboratory –
Stennis Space Center**
Pathways Analyst (2014 – 2015)

Specializations

- Assessment of Current-State Technology Systems for Feasibility
- Financial Modelling and Business Case Development
- Technology Requirements Design
- Procurement Strategy and Competitive Technology Purchasing
- Scope/Pricing Contract Negotiations & Review
- Meter Reading Process and Meter-to-Cash Billing Data Audits
- Data Analytics and Advanced Use Case Development
- Systems Testing
- Project Management

Publications & Presentations

Jon has had papers published in and spoken at:

- *Smart Cities Dive*
- *AWWA Southwest Water Works Journal*
- *AWWA Annual Conference & Exhibition (ACE)*

Relevant Experience and Background

- Developing comprehensive financial models analyzing the cost-benefit deploying AMI, MDM, and other smart utility technology systems
- Analyzing current-state utility operations to identify gaps related to technology implementation
- Writing technical and financial summaries and presentation materials for upper management and governing board review
- Creating and administrating databases for pricing, field surveys of equipment and conditions, and other high-volume data
- Developing goals, objectives, and requirements for new technology systems
- Developing and administrating RFPs for complex technology projects
- Conducting technical and financial evaluation of competing technologies
- Negotiating and contracting with vendors for price cuts and enhanced system performance parameters
- Performing analytics on metering data to assist with utility planning and enhanced asset utilization/optimization

Representative Client Projects

- **City of Palo Alto Utilities, CA** (AMI Business Case Lead, AMI/MDM/MIV Procurement and Contracting Lead; OMS Procurement Lead; Project Manager)
- **Albemarle County Service Authority, VA** (AMI Business Case Lead, AMI/MDM/MIV Procurement Support)
- **Crescenta Valley Water, CA** (AMI Business Case Lead; AMI/MDM Procurement Support)
- **Harriman Utility Board, TN and City of Garland, TX** (AMI Business Case Lead; AMI/MDM/Installation/Customer Portal Procurement Lead)
- **JEA, FL** (AMI 2.0 Use Case Support; AMI/Installation Procurement Support)
- **City of Tampa, FL** (AMI/MDM/Installation/Customer Portal Procurement Support)
- **City of Norman, OK, and Brownsville Public Utilities Board, TX** (AMI Business Case Lead; AMI/MDM/MIV/CEP Procurement & Contracting Lead)
- **Roseville, CA** (Water Loss SME)
- **Long Beach Water Department, CA** (AMI Business Case Lead; Pre-Pay Business Case Lead; Installation Procurement Support)
- **Sewage and Water Board of New Orleans** (Meter Reading/Billing Audit Support)
- **Dallas Water Utilities** (AMI Business Case Lead)
- **Loudon Utilities Board, TN** (WOMS Deployment SME)
- **City of Santa Barbara, CA** (AMI/MDM/MIV/CEP Procurement Lead; Testing Lead)
- **Rochester Public Utilities, MN, and City of Mesa, AZ** (AMI Business Case Lead)