

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

Tuesday, August 23, 2022

7:00 PM



CALL TO ORDER AT _____ P.M.

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

B. PLEDGE OF ALLEGIANCE

C. APPROVAL OF AGENDA

Tuesday, August 23, 2022

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

a. Regular Board of Trustees Meeting, July 26, 2022

D.2 Consent Agenda – New Business:

a. Metro Opportunities 7/Amazon Storm Drain Agreement, **Resolution # 2022-08-23-48**, *Township Engineer Jeremy Schrot*

b. Quickpass Plymouth LLC Storm Drain Agreement, **Resolution # 2022-08-23-49**, *Township Engineer Jeremy Schrot*

D.3 Acceptance of Reports

- Building Department Monthly Report - July 2022
- Fire Department Monthly Report - July 2022
- Planning Department Monthly Report - July 2022

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

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7:00 PM



- Police Department Monthly Report - July 2022
- FOIA Monthly Report - Clerk's Office - July 2022
- FOIA Monthly Report - Police Department - July 2022

D.4 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	843,098.63	383,912.51	1,227,011.14
Drug Forfeiture Federal	262	36,983.00	445.00	37,428.00
Drug Forfeiture State	265	.00	3,500.00	3,500.00
Drug Forfeiture IRS	266	.00	.00	.00
ARPA	285	10,039.75	.00	10,039.75
Improv. Rev.	446	(2,573.32)	.00	(2,573.32)
Senior Transportation	588	(34,592.04)	521.74	(34,070.30)
Water/Sewer Fund	592	363,220.89	488,890.19	852,111.08
Solid Waste Fund	596	5,655.89	114,347.60	120,003.49

**CHARTER TOWNSHIP OF PLYMOUTH
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Tax Pool	703	1,578.78	.00	1,578.78
Police Bond Fund	710	.00	.00	.00
Special Assessment Capital	805	40,294.25	00	40,294.25
TOTALS:		1,263,705.83	991,617.04	2,255,322.87

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

F. NEW BUSINESS

1. McClumpha/Ann Arbor Road Zoning Appeal, **Resolution # 2022-08-23-50**,
Township Planner Laura Haw
2. Request to Order Two 2023 Ford Transit 350 12-Passenger Fans for Senior Transportation Program, **Resolution # 2022-08-23-51**, *Supervisor Kurt Heise and Transportation Director Kim Boyce*
3. Authorization to Issue a Request for Proposals (RFP) for Modernizing the Water Meter Infrastructure, **Resolution # 2022-08-23-52**, *Treasurer Bob Doroshewitz and Director of Public Services Patrick Fellrath*

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

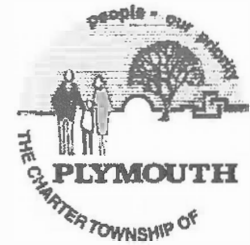
H. BOARD COMMENTS

- Comments from Clerk Vorva on the 2022 Primary Election

I. ADJOURNMENT

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

Tuesday, August 23, 2022
7:00 PM



PLEASE TAKE NOTE: The Charter Township of Plymouth will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired and audio tapes of printed materials being considered at all Township Meetings, to individuals with disabilities at the Meetings/Hearings upon two weeks' notice to the Charter Township of Plymouth by writing or calling the following: Human Resource Office, 9955 N Haggerty Road, Plymouth, MI 48170. Phone number (734) 354-3202 TDD units: 1-800649-3777 (Michigan Relay Services)

The public is invited and encouraged to attend all meetings of the Board of Trustees of the Charter Township of Plymouth



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

Tuesday, July 26, 2022
7:00 PM

CALL TO ORDER AT 7:00 P.M.

ROLL CALL: Kurt Heise, Supervisor
Jerry Vorva, Clerk
Bob Doroshewitz, Treasurer
John Stewart, Trustee
Audrey Monaghan, Trustee

EXCUSED: Chuck Curmi, Trustee
Jen Buckley, Trustee

Also Present: James Knittel, Police Chief
Ryan Conely, Fire Chief
Kevin Bennett, Township Attorney
Steven Mann, Brownfield Attorney
Jeremy Schrot, Township Engineer
Denisa Terrell, Recording Secretary
9 Members of the Public

PLEDGE OF ALLEGIANCE Gary Heitman

A. APPROVAL OF AGENDA

Tuesday, July 26, 2022

Moved by Clerk Vorva and supported by Trustee Monaghan to approve the agenda for the Regular Board of Trustees meeting held on July 26, 2022.

All Ayes of Those Present

B. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

a. Board of Trustees Regular Meeting, July 12, 2022

D.2 Consent Agenda – New Business

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

Tuesday, July 26, 2022
7:00 PM



- a. Ilmor Engineering, Inc. Storm Drain Agreement, **Resolution #2022-07-26-44**, *Jeremy Schrot, PE, Township Engineer*
- b. Reappointment of Anita Yeager to the Environmental Leadership Commission, *Supervisor Kurt Heise*
- c. Appointment of Tom Young to the Downtown Development Authority/Brownfield Redevelopment Authority, *Supervisor Kurt Heise*

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	640,310.27	81,696.63	722,006.90
Drug Forfeiture Federal	262	.00	36,983.00	36,983.00
Drug Forfeiture State	265	.00	.00	.00
Drug Forfeiture IRS	266	.00	.00	.00
Improvement Revolving (Capital)	446	.00	.00	.00
Senior Transportation	588	5,941.34	215.83	6,157.17
Water/Sewer Fund	592	253,187.57	413,759.85	666,947.42
Solid Waste Fund	596	5,903.65	148,824.52	154,728.17

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

Tuesday, July 26, 2022
7:00 PM



Tax Pool	703	.00	.00	.00
Police Bond Fund	710	.00	.00	.00
Special Assessment Capital	805	.00	.00	.00
TOTALS:		905,342.83	681,479.83	1,586,822.66

Moved by Clerk Vorva and supported by Trustee Monaghan to approve the Consent Agenda for the Regular Board of Trustees meeting held on July 26, 2022.

Roll Call Vote.

All Ayes of Those Present.

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

There were none.

D. NEW BUSINESS

1. Presentation and Resolution to approve Western Townships Utilities Authority (WTUA) Budget for 2022-2023, **Resolution # 2022-07-26-45**, *Suzanne Balan, WTUA Finance Director*

Ms. Balan provided the details of the Western Township Utilities Authority (WTUA) Budget. She reviewed the debt service budget and indicated Plymouth Township's share of the bond is \$1.47 million. It will be billed to the Township in December and will be due on January 1st. Treasurer Doroshewitz indicated the payment is already accounted for in the budget and it will be the last payment.

Moved by Clerk Vorva and supported by Treasurer Doroshewitz to approve Resolution #2022-07-26-45 adopting the 2022-2023 WTUA Budget per the recommendations of the WTUA Finance Director.

Roll Call.

All Ayes of Those Present.

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

Tuesday, July 26, 2022
7:00 PM



2. Public Hearing on the Brownfield Plan of the Charter Township of Plymouth
Brownfield Redevelopment Authority for 9075 General Drive, *Clerk Jerry Vorva*

Moved by Clerk Vorva and supported by Trustee Monaghan to open the Public Hearing
for the Brownfield Plan for 9075 General Drive.

All Ayes of Those Present.

Public Hearing Opened at 7:07 p.m.

Supervisor Heise provided the history of 9075 General Drive. He also shared
that Cygnet will expand its organization at the 9075 General Drive location.
There were no public questions or comments.

Moved by Clerk Vorva and supported by Trustee Monaghan to close the Public Hearing
for the Brownfield Plan for 9075 General Drive.

All Ayes of Those Present.

Public Hearing Closed at 7:11 p.m.

3. 9075 General Drive Brownfield Plan, **Resolution # 2022-07-26-46**, *Steven
Mann, Township Brownfield Attorney, and Supervisor Kurt Heise*

Moved by Clerk Vorva and supported by Treasurer Doroshewitz to approve Resolution
#2022-07-26-46 approving the Brownfield Plan for 9075 General Drive.

Roll Call.

All Ayes of Those Present.

4. Public Hearing on Brownfield Plan Amendment #1 of the Charter Township of
Plymouth Brownfield Redevelopment Authority for 41661 Plymouth Road, *Clerk
Jerry Vorva*

Moved by Clerk Vorva and supported by Trustee Monaghan to open the Public Hearing
for the Brownfield Plan for 41661 Plymouth Road.

All Ayes of Those Present.

Public Hearing Opened at 7:14 p.m.

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

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Supervisor Heise shared the history on 41661 Plymouth Road. The Brownfield Plan is an amendment from a previous developer with a similar housing development. There were no questions or comments from the public.

Moved by Clerk Vorva and supported by Trustee Monaghan to close the Public Hearing for the Brownfield Plan for 41661 Plymouth Road.
All Ayes of Those Present.

Public Hearing Closed at 7:17 p.m.

5. 41661 Plymouth Road Brownfield Plan Amendment # 1, **Resolution # 2022-07-26-47**, *Steven Mann, Township Brownfield Attorney, and Supervisor Kurt Heise*

Moved by Clerk Vorva and supported by Trustee Monaghan to approve Resolution #2022-07-26-47 approving the Brownfield Plan for 41661 Plymouth Road.

Roll Call.

All Ayes of Those Present.

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

There Were None

F. BOARD COMMENTS

- Trustee Stewart thanked the presenters for their thorough presentations as he was able to support resolutions with the information provided. He offered gratitude to the firefighters, police, and DPW staff that provided excellent care at the scene of his accident. Trustee Stewart hopes that a mobile speed sign can be placed across the street from the Friendship Station as seniors meet there in mid-evening for bingo.
- Clerk Vorva urged everyone to return their ballots. He indicated the elections are safe and secure.
- Trustee Monaghan thanked Gary Heitman for his work with business development and living space. She also thanked Attorney Mann for his work on the Brownfield plans. Trustee Monaghan also indicated she was glad that Trustee Stewart was ok after the accident.

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

Tuesday, July 26, 2022
7:00 PM



- Supervisor Heise introduced Tom Young who has been appointed to the DDA and BRA. He shared that the August 2nd study session and the Board of Trustees meeting on August 9th would be canceled. The next Board of Trustees meeting will take place on August 23, 2022.

G. ADJOURNMENT

Moved by Clerk Vorva and supported by Trustee Monaghan to adjourn the Regular Meeting for the Board of Trustees on July 26, 2022, at :8:33 p.m.
All Ayes of Those Present.

Clerk, Jerry Vorva

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CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 23, 2022

ITEM: Metro Opportunities 7/Amazon Storm Drain Agreement, **Resolution #2022-08-23-48**

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 #2022-08-23-48** authorizing the Township Supervisor to sign the Wayne County Permit M-52841 and approve the Storm Drain Agreement with Metro Opportunities 7/Amazon 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 – Metro Opportunities 7
Amazon Sortation Center**

RESOLUTION #2022-08-23-48

WHEREAS, the Plymouth Charter Township has been requested by Metro Opportunities 7/Amazon, 203 N Blanchard Street, Wheaton, Illinois 60187, 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-52841 to be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and Metro Opportunities 7/Amazon, 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 Metro Opportunities 7/Amazon 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, Metro Opportunities 7/Amazon 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 at the street address 9075 Haggerty Road, Plymouth, Michigan 48170 and owned by Metro Opportunities 7/Amazon

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute Permit No. M-52841 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 Metro Opportunities 7/Amazon 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 Metro Opportunities 7, a Michigan limited liability company, with principal offices located at 203 N. Blanchard St Wheaton, Illinois 60187, ("Proprietor").

RECITATIONS:

- A. Proprietor is developing certain property located in Plymouth Township, Wayne County, Michigan as **9075 N Haggerty Rd – Amazon Sortation Center** ("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.

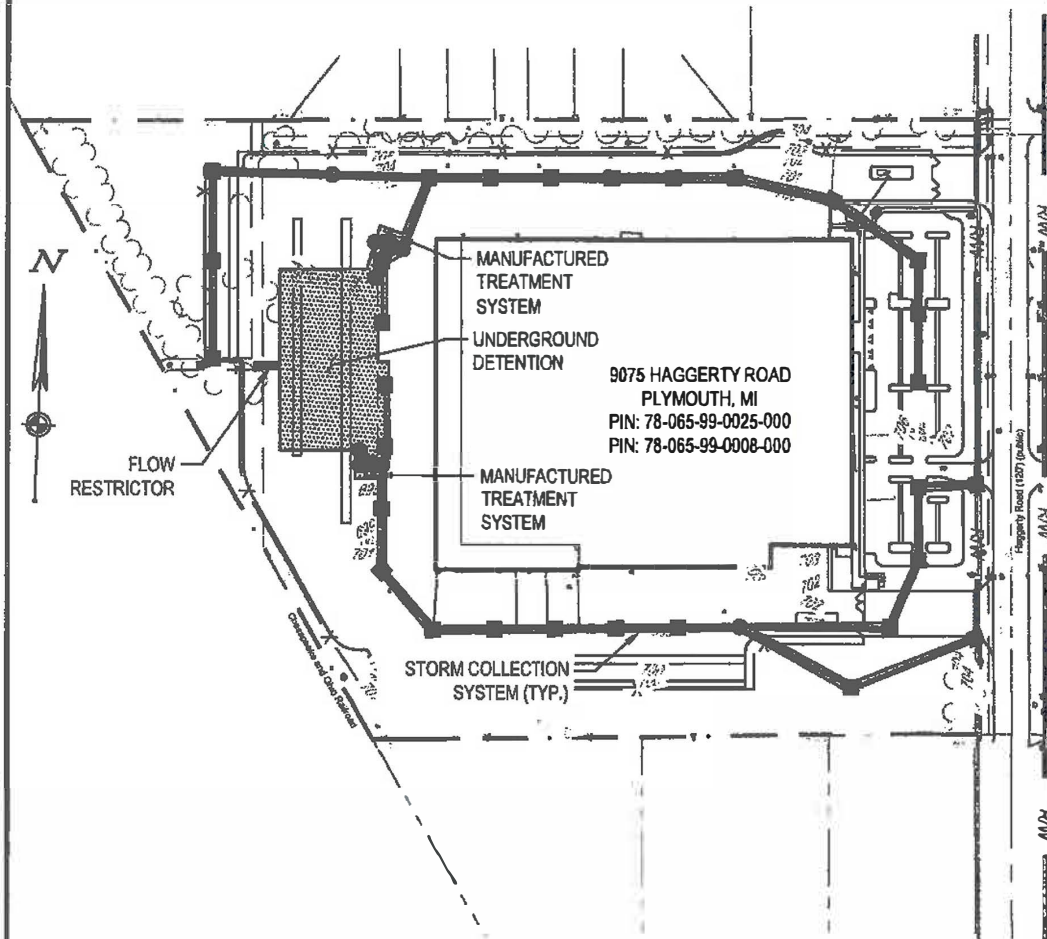
24. Nothing herein shall be construed as a waiver of governmental immunity by the Township.

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



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

EXHIBIT A
PHYSICAL LIMITS OF STORM WATER MANAGEMENT SYSTEM
 SCALE: 1" = 250'



LEGEND

-  CHARTER TOWNSHIP OF PLYMOUTH
STORM MAINTENANCE RESPONSIBILITY
-  STORM SEWERS



VICINITY MAP:
 NOT TO SCALE

PROPERTY INFORMATION:

PORT CENTER DTW8
 9075 HAGGERTY ROAD
 PLYMOUTH, WAYNE COUNTY, MICHIGAN

PROPERTY OWNER:

METRO OPPORTUNITIES 7, LLC
 9075 HAGGERTY ROAD
 PLYMOUTH, MI 48170
 CONTACT: MATTHEW McNEAR
 PHONE: (630) 340-8095

ENGINEER:

CESO, INC.
 13060 OLD US 27, SUITE D
 DEWITT, MI 48820
 PHONE: (517) 622-3000
 FAX: (517) 622-3009



DATE: 4-29-2021

SHEET 1 OF 2

DR. BY: J. STEIGERWALD

EXHIBIT A
PHYSICAL LIMITS OF STORM WATER MANAGEMENT SYSTEM

LEGAL DESCRIPTION AS SURVEYED

LAND SITUATED IN THE STATE OF MICHIGAN, COUNTY OF WAYNE, TOWNSHIP OF PLYMOUTH.

PART OF THE SOUTHEAST 1/4 OF SECTION 35, TOWN 1 SOUTH, RANGE 8 EAST AND PART OF THE SOUTHWEST 1/4 OF SECTION 36, TOWN 1 SOUTH, RANGE 8 EAST, DESCRIBED AS:

BEGINNING AT A POINT ON THE WEST LINE OF SAID SECTION 36, DISTANT **SOUTH 00° 08' 45" EAST 1043.25 FEET** FROM THE WEST 1/4 CORNER OF SAID SECTION 36;

RUNNING THENCE **SOUTH 89° 59' 53" EAST 1318.46 FEET** TO THE CENTER LINE OF HAGGERTY ROAD;

THENCE ALONG SAID CENTER LINE OF HAGGERTY ROAD **SOUTH 00° 03' 45" WEST 1093.37 FEET**;

THENCE **SOUTH 89° 37' 13" WEST 1140.88 FEET** TO THE EASTERLY LINE OF CHESAPEAKE & OHIO RAILROAD; THENCE ALONG SAID EASTERLY LINE **NORTH 29° 32' 53" WEST 1265.59 FEET**;

THENCE **SOUTH 89° 59' 53" EAST 447.72 FEET** TO THE POINT OF BEGINNING, EXCEPT THE EASTERLY 60 FEET DEEDED TO THE WAYNE COUNTY ROAD COMMISSION FOR HIGHWAY PURPOSES.



PROPERTY INFORMATION: SORT CENTER DTW8 9075 HAGGERTY ROAD PLYMOUTH, WAYNE COUNTY, MICHIGAN	PROPERTY OWNER: METRO OPPORTUNITIES 7, LLC 9075 HAGGERTY ROAD PLYMOUTH, MI 48170 CONTACT: MATTHEW McNEAR PHONE: (630) 340-8095	ENGINEER: CESO, INC. 13060 OLD US 27, SUITE D DEWITT, MI 48820 PHONE: (517) 622-3000 FAX: (517) 622-3009
 www.cesoinc.com		DATE: 4-29-2021
		SHEET 2 OF 2
		DR. BY: J. STEIGERWALD

EXHIBIT B
STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE PLAN

Wayne County DPS Permit No.: M-
Wayne County DPS Plan Review No.: R 20-351

A. Physical Limits of the Storm Water Management 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, swales, manufactured treatment systems, underground detention system, outlet control structure and outlet pipe that conveys flow from the underground detention system to an existing storm catch basin south of the Speedway site. 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 "Sort Center DTW8".

B. Time Frame for Long-Term Maintenance Responsibility

Metro Opportunities 7, LLC is responsible for maintaining the Sort Center DTW8, 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 Sort Center DTW8 commences when defined by the maintenance permit issued by the County. Long-term maintenance continues in perpetuity.

C. Manner of Insuring Maintenance Responsibility

The Charter Township of Plymouth has assumed responsibility for long-term maintenance of Sort Center DTW8. The resolution by which the Charter Township of Plymouth has assumed maintenance responsibility is attached to the permit as Exhibit C. Metro Opportunities 7, LLC, through a maintenance agreement with the Charter Township of Plymouth, has agreed to perform the maintenance activities required by this plan. The Charter Township of Plymouth retains the right to enter the property and perform the necessary maintenance of Sort Center DTW8 if Metro Opportunities 7, LLC fails to perform the required maintenance activities. To ensure that Sort Center DTW8 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 Charter Township of Plymouth 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). 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	Storm Collection System (Inlets, Catch Basins, Manholes, Swales, Sewers)	Manufactured Treatment Systems	Underground Detention System	Outlet Control Structures & Outlet Pipes	Pavement Areas and Proposed Swale
Monitoring/Inspection						
Inspect for Sediment Accumulation/Clogging		X	X	X	X	X
Inspect For Floatables, Dead Vegetation & Debris		X	X	X	X	X
Inspect For Erosion And Integrity of System		X				X
Inspect All Components During Wet Weather & Compare		X	X	X	X	X
Ensure Maintenance Access Remain Open/Clear		X	X	X	X	X
Preventative Maintenance						
Remove Accumulated sediments		X	X	X	X	X
Remove Floatables, Debris, Invasive & Dead Vegetation		X				X
Sweeping of Paved Surfaces						X
Remedial Actions						
Repair/Stabilize Areas of Erosion		X				X
Replace Dead Plantings and Reseed Bare Areas		X				
Structural Repairs		X	X	X	X	X
Make Adjustments/Repairs to Ensure Proper Functioning		X	X	X	X	X
Oil and Gasoline Spill						X

NOTE: Manufactured treatment systems 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.

PROPERTY INFORMATION: Sort Center DTW8 9075 Haggerty Road Plymouth, Wayne County, Michigan	PROPERTY OWNER: Metro Opportunities 7, LLC 9075 Haggerty Road Plymouth, MI 48170 Contact: Matthew McNear Phone: (630) 340-8085	ENGINEER: CESO, Inc. 13060 Old US 27, Suite D Owosso, MI 48820 Phone: (517) 622-3000 Fax: (517) 622-3009	DATE: 12/07/2020
			SHEET 1 OF 1

PERMIT OFFICE
33809 MICHIGAN AVE
WAYNE, MI 48184,
PHONE (734) 595-6504
FAX (734) 595-6358

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-52841

ISSUE DATE

7/20/2022

EXPIRES

REVIEW No

R 20-351

WORK ORDER

PROJECT NAME

MAINTENANCE PERMIT FOR SORT CENTER DTW8/757883

LOCATION

HAGGERTY ROAD (BETWEEN JOY RD. AND ANN ARBOR RD.)

CITY/TWP

PLYMOUTH TWP

PERMIT HOLDER

PLYMOUTH TOWNSHIP
9955 N HAGGERTY RD
PLYMOUTH TOWNSHIP, MI 48170-4673

CONTRACTOR

CONTACT

KURT HEISE

(734) 354-3204

CONTACT

<BLANK>

DESCRIPTION OF PERMITTED ACTIVITY

(72 HOURS BEFORE YOU DIG, CALL MISS DIG 1-800-482-7181, 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

CESO, Inc

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



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 23, 2022

ITEM: Quickpass Plymouth LLC Storm Drain Agreement, **Resolution #2022-08-23-49**

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 #2022-08-23-49** authorizing the Township Supervisor to sign the Wayne County Permit M-52154 and approve the Storm Drain Agreement with Quickpass Plymouth 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 – Quickpass Plymouth LLC
Quick Pass Car Wash**

RESOLUTION #2022-08-23-49

WHEREAS, the Plymouth Charter Township has been requested by Quickpass Plymouth LLC, 6589 North Canton Center Road, Canton, MI 48187, 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-52154 to be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and Quickpass Plymouth 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 Quickpass Plymouth 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, Quickpass Plymouth 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 at the street address 39550 Ann Arbor Road, Plymouth, Michigan 48170 and owned by Quickpass Plymouth LLC

FURTHER, BE IT RESOLVED that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute Permit No. M-52154 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 Quickpass Plymouth 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 Quickpass Plymouth, a Michigan **limited liability company**, with principal offices located at 6589 North Canton Center Rd, Canton, MI 48187 ("Proprietor").

RECITATIONS:

A. Proprietor is developing certain property located in Plymouth Township, Wayne County, Michigan as **Quick-Pass Car Wash** ("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.

QuickPass Plymouth, LLC



Jaime Burke

Its: Owner

STATE OF MICHIGAN)

) SS

COUNTY OF WAYNE)

Acknowledged by Jaime Burke before me on the 2nd day of June, 2021.

Pamela L. Lessard
[Signature of Notary]

Pamela L. Lessard
[Printed name of Notary]

Notary Public, Oakland
County, Michigan

My commission expires: 3/10/22

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: _____

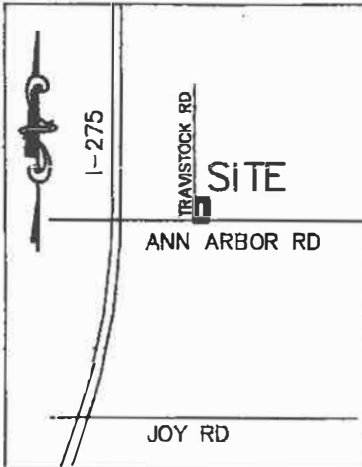
PAMELA L. LESSARD
NOTARY PUBLIC, STATE OF MI
COUNTY OF OAKLAND
MY COMMISSION EXPIRES Mar 10, 2022
ACTING IN COUNTY OF Oakland

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

EXHIBIT "A"

PHYSICAL LIMITS OF STORM WATER MANAGEMENT SYSTEM



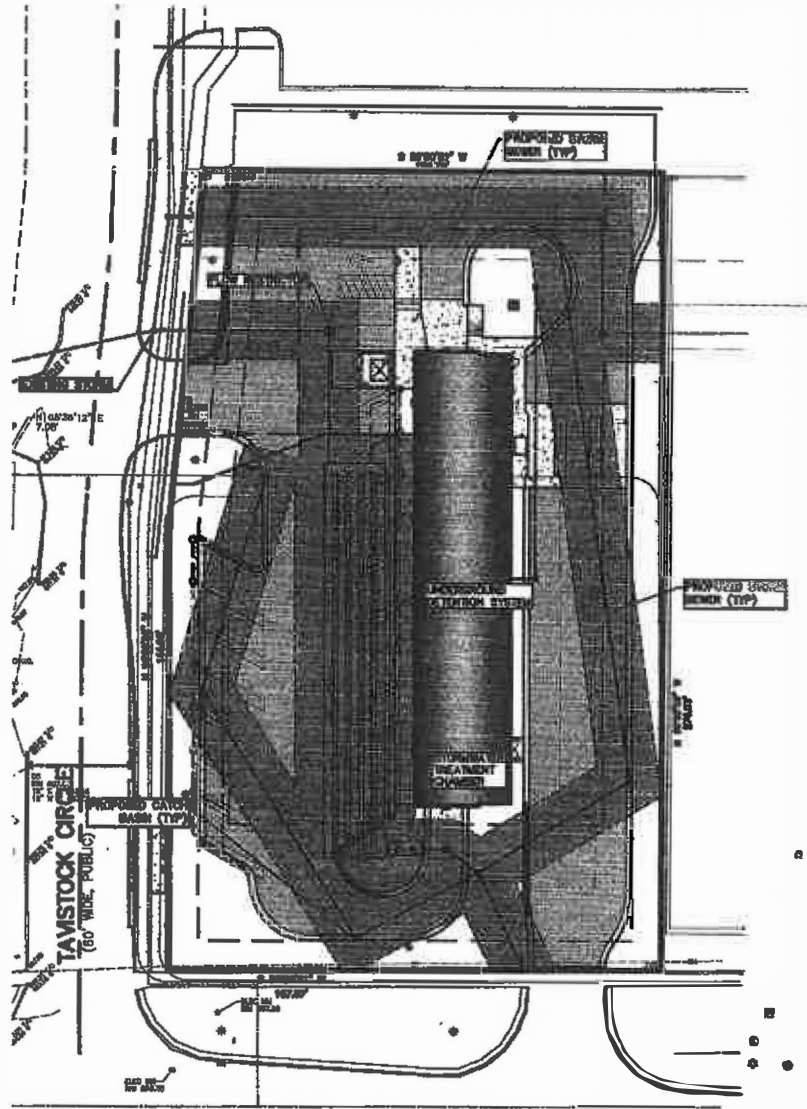
LOCATION MAP
N.T.S.

LEGEND

 PLYMOUTH TOWNSHIP STORM
MAINTENANCE RESPONSIBILITY

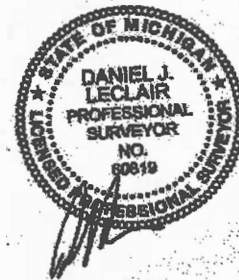


0 25 50
SCALE: 1"=50'



LEGAL DESCRIPTION:

PLYMOUTH VILLAGE EAST SUBDIVISION T. 1 S., R. 8 E., LIBER 96, PAGES 63, 64 & 65, WAYNE COUNTY RECORDS. PART OF LOT 4 BEGINNING AT THE SOUTHWEST CORNER, THENCE N5°35'12"E, 31.61 FEET, THENCE ALONG A CURVE TO THE LEFT, HAVING A RADIUS OF 229.50 FEET, AND AN ARC LENGTH OF 13.58 FEET, THENCE N89°50'51"E, 155.76 FEET, THENCE S00°09'09"E, 45.00 FEET, THENCE S89°50'51"W, 159.88 FEET TO THE POINT OF BEGINNING AND ALSO INCLUDING LOT 5. CONTAINING 1.04 ACRES OF LAND MORE OR LESS.



PROJECT: Quick-Pass Car Wash 38850 Ann Arbor Road Plymouth Township, MI 48176	PROPERTY OWNER: Quick-Pass, LLC 6568 North Canton Center Road Canton, MI 48187 Contact: Jamie Burke Phone: (734) 334-7055	ENGINEER: GREENTECH Engineering, Inc. 81147 W. Pontiac Trail Warren, MI 48093 Phone: (248) 868-8790 Fax: (248) 668-0701	DATE: 06/01/2021 SHEET 1 OF 1
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EXHIBIT 'B' - STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE PLAN

Wayne County DPS Permit No.: M -
Wayne County DPS Plan review No.: R17- 654

A. Physical Limits of the Storm Water Management System

The storm water management system (SWMS) subject to the 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 the Wayne County Tarestock Road storm sewer system. For the purposes of this plan, this SWMS and all of its components as shown in Exhibit A is referred to as "Quick Wash SWMS".

B. Time Frame for Long-Term Maintenance Responsibility

Tarestock Associates, LLC is responsible for maintaining the Quick Wash 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 Tarestock SWMS commences when defined by the 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 the Quick Wash SWMS. The resolution by which The Township of Plymouth has assumed maintenance responsibility is attached to the permit as Exhibit C. Tarestock Associates, 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 Quick Wash SWMS if Tarestock Associates, LLC fails to perform the required maintenance activities.

To ensure that the Quick Wash 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/inspection, preventative maintenance and remedial actions). 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						FREQUENCY
	Storm Collection System (Sewers, Swales, Catch Basins, Manholes)	Manufactured Treatment System	Underground Detention System	Flow Restrictor Structure & Outlet Pipe	Pavement Areas		
Monitoring/Inspection							
Inspect for Sediment Accumulation/Clogging*	X	X	X	X	X		Annually & After Major events
Inspect For Flooding, Dead Vegetation & Debris	X	X	X	X	X		Annually & After Major Events
Inspect For Erosion And Integrity of System	X	X	X	X	X		Annually & After Major Events
Inspect All Components During Wet weather & Compare to As-Built Plans	X	X	X	X	X		Annually
Ensure Maintenance Access Remain Open/Clear	X	X	X	X	X		Annually
Preventative Maintenance							
Remove Accumulated sediments*	X	X	X	X	X		As Needed (See Note Below)
Remove Tree Limbs, Dead Vegetation & Debris	X	X			X		As Needed
Smoothing of Paved Surfaces				X			As Needed
Remedial Actions							
Repair/Seal/Seal Areas of Erosion	X				X		As Needed
Repair/Seal/Seal Areas of Erosion	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: Quick-Wash Car Wash 38650 Ann Arbor Road Plymouth Township, MI 48170	PROPERTY OWNER: Quick-Pave, LLC 6589 North Canton Center Road Canton, MI 48187 Contact: Janice Burks Phone: (734) 394-7055	ENGINEER: GREENTECH Engineering, Inc. 61477 W. Pontiac Trail Warren, MI 48093 Phone: (248) 688-0700 Fax: (248) 688 - 0701	DATE: 06/01/2021
			SHEET 1 OF 1

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-52154

ISSUE DATE

7/26/2022

EXPIRES

REVIEW No.

R 17-654

WORK ORDER

80467

PROJECT NAME

MAINTENANCE PERMIT FOR QUICKWASH

LOCATION

ANN ARBOR ROAD (E OF I-275, WEST OF NEWBURGH ROAD)

CITY/TWP

PLYMOUTH TWP

PERMIT HOLDER

**PLYMOUTH TOWNSHIP
8955 N. HAGGERTY ROAD
PLYMOUTH TWP, MI 481704673**

CONTRACTOR

CONTACT

KURT HEISE

(734) 354-3200

CONTACT

<BLANK>

DESCRIPTION OF PERMITTED ACTIVITY

(72 HOURS BEFORE YOU DIG, CALL MISS DIG 1-800-452-7161, 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

Jamie Burke

PLANS APPROVED BY

Yaho, A.

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

CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

July
2022

New Commerical Building for 2022

Company Name	Property Address	Type of Work	Construction Value	Status	Month
LOT 20, BT Plymouth LLC.	44329 Plymouth Oaks Blvd.	New Building	900,000	Issued	Mar
St. Johns Inn Monastery	44045 Five Mile Rd.	Ceremony Pavilion	400,000	Issued	June
Mendel Market	41352 Ann Arbor Rd.	Shell/ Foundation	5,500,000	issued	July

Total Construction Value

6,800,000

New Commercial Additions/Alterations for 2022

Company Name	Property Address	Type of Work	Construction Value	Status	Month
St. Johns Inn Monastery	44045 Five Mile Rd.	Interior Demo @ (2) Y Building	400,000	Issued	Jan
Materialise NV	44650 Helm Ct.	Interior Remodel	1,900,000	Issued	Jan
AT&T	40876 Ann Arbor Rd.	Tenant Finish	90,000	Issued	Jan
Burroughs Q-hut #10	41100 Plymouth Rd.	Construct Office	80,000	Issued	Jan
P&L Foods	9030 General Dr.	Construct Addition	300,000	Issued	Jan
Webasto	14200 Haggerty	Construct (2) Interior Offices	50,000	Issued	Feb
Frito Lay	45325 Polaris Ct.	Construct Addition	8,000,000	Issued	Feb
Burger King	44475 Five Mile	Fire Damage Repair	15,000	Issued	Feb
Streamline Logistics	41100 Plymouth Rd. B1 102	Tenant Finish	107,868	Issued	Mar
Rivian	13250 Haggerty Rd.	Interior Remodel (2) lab areas	1,700,000	Issued	Mar
ADVICS	45300 Polaris Ct.	Interior Remodel	135,220	Issued	Mar
Freudenberg	47774 Anchor Ct. W.	Interior Remodel	55,000	Issued	Mar
Sunny J's	521 Ann Arbor Rd.	Tenant Finish	78,000	Issued	Mar
Bank of America	40909 Ann Arbor Rd.	Dumpster Enclosure	15,000	Issued	Mar
Starbucks	15005 Beck Rd.	Tenant Finish	350,000	Issued	Mar
Sheesh Palace	15015 Beck Rd.	Tenant Finish	50,000	Issued	April
Brembo Brakes	47765 Halyard	Interior Remodel	125,000	Issued	April
Webasto	14200 Haggerty Rd.	Steel Racking	500,000	Issued	April
FSS Technologies	41100 Plymouth Rd B1 165	Tenant Finish	164,434	Issued	April
Pipetek Infrastructure	15155 Fogg St.	(2) Overhead Doors	25,000	Issued	April
Bank of America	40909 Ann Arbor Rd.	Interior Remodel	113,074	Issued	April
Alleluia Roman Church of God	46600 N Territorial	Interior Remodel	200,000	Issued	April
Plymouth House Apartments	42560 Postliff	New Walkways	48,000	Issued	May

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Consolidated Properties	15075 Northville Rd.	(2) New Bathrooms	43,700	Issued	June
Nativity of the Virgin Mary Church	39851 Five Mile	Garage Structure	160,000	Issued	June
Ann Arbor Road LLC.	40500 Ann Arbor Rd.	(2) Interior doors	500	Issued	June
Quick Pass Car Wash	39550 Ann Arbor Rd.	Free Standing Awning	12,918	Issued	June
Interek	45000 Helm	Interior Remodel	35,000	Issued	June
Sema	14655 Jib	15'x27' open canopy garage	100,000	Issued	June
Mahle	14900 Galleon Ct.	(1) New Test Cell	500,000	Issued	July
Frito Lay	45325 Polaris Ct.	Racking System	2,094,730	Issued	July
Birdi RX	43811 Plymouth Oaks Blvd	Interior Demo	30,000	Issued	July
Bliss Reupolic Salon	44717 Five Mile Rd.	Tenant Finish	297,000	Issued	July
Wendys	15055 Sheldon	Exterior & Interior Remodel	218,000	Issued	July

17,973,444

Total Construction Value

24,773,444

Grand Total Construction Value

* Operating on COVID-19 orders

Building Department 2022

<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>2022 Totals</u>
Total Building Permits	74	85	118	118	110	112	109						708
<u>Trade Permits</u>													
	30	31	29	27	47	48	48						258
Mechanical	58	48	61	65	78	74	71						451
Plumbing	11	28	24	33	25	28	34						181
Sewer & Water	8	17	6	8	9	9	7						64
Total Trade Permits	179	189	238	251	267	267	267	0	0	0	0	0	1858
<u>Miscellaneous</u>													
Special Inspections	0	0	0	1	0	0	0						1
Temp Certificates of Occupancy	8	2	5	1	0	3	1						18
Re-Occupancy	2	0	1	8	2	2	2						17
Plan Review	10	17	26	14	24	7	5						102
ZBA	0	0	0	0	2	3	1						6
Re-inspection fees	3	5	8	8	6	9	5						42
Vacant Land Resignation	0	0	0	0	0	0	0						0
Total Miscellaneous	21	24	39	30	34	24	14	0	0	0	0	0	186
<u>Application Fees</u>													
Building	80	55	105	103	96	100	104						623
Electrical	34	32	32	33	58	49	52						285
Mechanical	55	49	81	67	76	85	76						469
Plumbing	15	28	28	37	27	33	36						205
Total Misc/License/Application	185	188	268	270	266	291	282	0	0	0	0	0	1788
Grand Total	364	377	504	521	533	558	549	0	0	0	0	0	3426
<u>Staffing Levels</u>													
Chief Building Official	1	1	1	1	1	1	1	0	0	0	0	0	
Full Time Building Inspector	1	1	1	1	1	1	1	0	0	0	0	0	
Full Time Building Coordinator	1	1	1	1	1	1	1	0	0	0	0	0	
Full Time Building Administrator	1	1	1	1	1	1	1	0	0	0	0	0	
Part-time Time Ordinance Officer	1	1	1	1	1	1	1	0	0	0	0	0	

Residential Housing 2022

Single Family Detached

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	0	0	-	-
February	10	0	3,068,535	16,041
March	5	0	1,580,565	12,412
April	2	0	1,111,040	7,781
May	4	0	3,221,082	13,872
June	5	0	1,622,726	12,772
July	0	0	-	-
August				
September				
October				
November				
December				
Totals	26	0	\$ 10,603,948	82,878

Single Family Attached (Townhouses/ Row Houses)

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
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)

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
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)

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
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	\$ -	-

	<u>Total #</u>	<u>Total #</u>	<u>Value</u>	<u>Square</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Construction</u>	<u>Feet</u>
Totals all categories	26	0	\$ 10,603,948	82,878



Revenue Breakdown Report

Page: 1 of 34

08/01/2022

Filter: All Records. Transaction.DateToPostOn in <Previous month> [07/01/22 - 07/31/22] AND
Transaction.TransactionNumber Not = 67,079 AND
Transaction.TransactionNumber Not = 67,078

Unit Totals		
Unit Name	Records	Revenue
	267	348,364.96
TOTAL	267	348,364.96

Record Type Totals		
Unit	Records	Revenue
Permit	267	348,364.96
UNIT TOTAL:	267	348,364.96

Record Type Breakdowns		
Unit	Records	Revenue
Record Type: Permit		
Building	109	170,818.00
Electrical	46	6,762.00
Mechanical	71	11,495.00
Plumbing	34	6,526.00
Sewer & Water	7	152,763.96
TOTAL:	267	348,364.96

Record Categories By Type		
Unit		
Permit	Type: Building	
Covered patio/deck roof	1	200.00
Deck	9	3,765.00
Fence	4	595.00
Garage	1	985.00
Ind/Comm-alt/add	6	48,425.00
Ind/Comm-new	1	86,758.00
Pool	1	980.00
Re-Occupancy	2	280.00
Residential-alt/add	14	14,495.00
Residential-new	2	390.00
Roof	18	3,735.00
Sign - Flagpole	16	4,075.00
Windows/Siding	34	6,135.00
TOTAL:	109	170,818.00

Permit	Type: Electrical	
Electrical	45	6,692.00
Fire Alarm	1	70.00
TOTAL:	46	6,762.00

Permit	Type: Mechanical	
Fire Suppression	1	440.00
Gas Piping	8	935.00
Heating	60	9,860.00
Pre-fab	2	260.00
TOTAL:	71	11,495.00

Permit	Type: Plumbing	
Backflow Preventer	1	80.00

Certificate of Occupancy List

08/02/2022

1/1

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF22-0038 Permit Number PB22-0281	ISSUED (FINAL) Applicant Name JCS CONSTRUCTION SERVICES, LLC	Burroughs Building	41100 PLYMOUTH RD B1 Contractor JCS CONSTRUCTION SER	CO Date Apply: 07/01/2022 Permit Date Apply: 04/11/2022	CO Date Finaled: 07/01/2022 Permit Date Issued: 04/19/2022
OF22-0040 Permit Number PB21-0865	ISSUED (FINAL) Applicant Name C&M - The Woods LLC	The Woods	9620 White Pine CT Contractor C&M - The Woods LLC	CO Date Apply: 07/14/2022 Permit Date Apply: 09/07/2021	CO Date Finaled: 07/14/2022 Permit Date Issued: 09/09/2021
OF22-0041 Permit Number PB21-1050	ISSUED (FINAL) Applicant Name GUMMA Group	Plymouth Associates	41512 ANN ARBOR RD Contractor GUMMA Group	CO Date Apply: 07/19/2022 Permit Date Apply: 11/10/2021	CO Date Finaled: 07/19/2022 Permit Date Issued: 2/22/2021
OF22-0043 Permit Number PB22-0305	ISSUED (FINAL) Applicant Name MASU BRAKE PADS PRIVATE LIMITE	MASU BRAKE PADS PRIVA	47460 GALLEON DR Contractor	CO Date Apply: 07/20/2022 Permit Date Apply: 04/18/2022	CO Date Finaled: 07/20/2022 Permit Date Issued: 07/15/2022
OF22-0044 Permit Number PB19-1120	ISSUED (FINAL) Applicant Name Orlando Builders LLC	TARA GATEWAYS LLC	42624 Gateway DR B9 U62 Contractor Orlando Builders LLC	CO Date Apply: 07/20/2022 Permit Date Apply: 10/16/2019	CO Date Finaled: 07/20/2022 Permit Date Issued: 1/25/2019
OF22-0045 Permit Number PB20-0927	ISSUED (FINAL) Applicant Name Stone Hollow Properties	ORDUNA PLUMBING, INC	51150 N Territorial Contractor Stone Hollow Properties	CO Date Apply: 07/21/2022 Permit Date Apply: 10/26/2020	CO Date Finaled: 07/21/2022 Permit Date Issued: 1/06/2020
OF22-0046 Permit Number PB19-1116	ISSUED (FINAL) Applicant Name Orlando Builders LLC	TARA GATEWAYS LLC	42576 Gateway DR B9 U58 Contractor Orlando Builders LLC	CO Date Apply: 07/26/2022 Permit Date Apply: 10/16/2019	CO Date Finaled: 07/26/2022 Permit Date Issued: 1/25/2019
OF22-0047 Permit Number PB21-0560	ISSUED (FINAL) Applicant Name M/I Homes of Michigan LLC	Tuscany Reserve	11943 Tuscany CT Contractor M/I Homes of Michigan LLC	CO Date Apply: 07/26/2022 Permit Date Apply: 06/16/2021	CO Date Finaled: 07/26/2022 Permit Date Issued: 06/25/2021

All Records

Co.DateFinaled in <Previous month> [07/01/22 - 07/31/22]

Number of CofO's: 8



Plymouth Township Fire Department

Monthly Report

July 2022

Response Information:

The Plymouth Township Fire Department responded to **313** emergencies this month.

There was an average of **10.09** runs per day this month.

PTFD's average response time was **5 min 39 sec** to the scene. This includes all responses including non-emergent.

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	3	6
Huron Valley Ambulance	1	0
Northville City	1	4
Northville Township	2	8
Westland	0	1

Fire Loss:

There were **3** fires this month that accounted for **85,000.00** worth of damage to possessions and property. We prevented the destruction of **18,200,000.00** in property.

EMS Information:

HVA transported **95** patients to the hospital.

Plymouth Township Fire transported **62** patients to the hospital.

Plymouth transports billed out **35,212.94** this month, received **19,861.49** and have **5,838.85** in outstanding bills over 180 days.

Fire Prevention:

Plymouth Township Fire Department provided **42** comprehensive fire inspections to businesses within Plymouth Township. This month, the department conducted **1** PALS Class and **2** Special Events with a total of **57** 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

For Dates 7/1/22 - 7/31/22



Incident Type and Description	Incident Count	% Type / % Total
100 - Fire, other	1	33.33 %
111 - Building fire	1	33.33 %
131 - Passenger vehicle fire	1	33.33 %
Total - Fires	3	0.96 %
321 - EMS call, excluding vehicle accident with injury	194	89.40 %
321C - EMS call, possible COVID-19	1	0.46 %
322 - Vehicle accident with injuries	18	8.29 %
324 - Motor vehicle accident with no injuries	4	1.84 %
Total - Rescue & Emergency Medical Service Incidents	217	69.33 %
411 - Gasoline or other flammable liquid spill	1	14.29 %
412 - Gas leak (natural gas or LPG)	2	28.57 %
440 - Electrical wiring/equipment problem, other	1	14.29 %
444 - Power line down	2	28.57 %
445 - Arcing, shorted electrical equipment	1	14.29 %
Total - Hazardous Conditions (No fire)	7	2.24 %
500 - Service Call, other	4	11.76 %
531 - Smoke or odor removal	1	2.94 %
550 - Public service assistance, other	1	2.94 %
551 - Assist police or other governmental agency	1	2.94 %
554 - Assist invalid	26	76.47 %
561 - Unauthorized burning	1	2.94 %
Total - Service Call	34	10.86 %
611 - Dispatched & cancelled en route	8	33.33 %
6111 - Hospice Death	2	8.33 %
622 - No incident found on arrival at dispatch address	10	41.67 %
650 - Steam, other gas mistaken for smoke, other	1	4.17 %
651 - Smoke scare, odor of smoke	3	12.50 %
Total - Good Intent Call	24	7.67 %
700 - False alarm or false call, other	18	90.00 %
745 - Alarm system sounded, no fire - unintentional	2	10.00 %
Total - False Alarm & False Call	20	6.39 %
900 - Special type of incident, other	1	12.50 %
9001 - Dispatch Error	7	87.50 %
Total - Special Incident Type	8	2.56 %

Incident Type Count

Incident Type and Description

Incident
Count

% Type / % Total

313

Municipal Response Times Report

For Dates Beginning 7/1/22 Ending 7/31/22
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	123	43.62	123	43.62	120	44.61	120	44.61	11	4.15	11	4.15	4	1.44	4	1.44	9	3.25	9	3.25
1 - 2	106	37.59	229	81.21	107	39.78	227	84.39	18	6.79	29	10.94	2	0.72	6	2.17	3	1.08	12	4.33
2 - 3	34	12.06	263	93.26	31	11.52	258	95.91	53	20.00	82	30.94	11	3.97	17	6.14	27	9.75	39	14.08
3 - 4	11	3.90	274	97.16	7	2.60	265	98.51	40	15.09	122	46.04	16	5.78	33	11.91	39	14.08	78	28.16
4 - 5	6	2.13	280	99.29	0	0.00	265	98.51	49	18.49	171	64.53	37	13.36	70	25.27	50	18.05	128	46.21
5 - 6	0	0.00	280	99.29	3	1.12	268	99.63	24	9.06	195	73.58	42	15.16	112	40.43	34	12.27	162	58.48
6 - 7	0	0.00	280	99.29	0	0.00	268	99.63	31	11.70	226	85.28	37	13.36	149	53.79	38	13.72	200	72.20
7 - 8	1	0.35	281	99.65	1	0.37	269	100.00	16	6.04	242	91.32	34	12.27	183	66.06	28	10.11	228	82.31
8 - 9	0	0.00	281	99.65	0	0.00	269	100.00	9	3.40	251	94.72	38	13.72	221	79.78	24	8.66	252	90.97
9 - 10	1	0.35	282	100.00	0	0.00	269	100.00	7	2.64	258	97.36	24	8.66	245	88.45	10	3.61	262	94.58
10 +	0	0.00	282	100.00	0	0.00	269	100.00	7	2.64	265	100.00	32	11.55	277	100.00	15	5.42	277	100.00

Incident Total*: 282

Average Times per Incident

Average PSAP Processing Time: 1 minute(s) 20 second(s) Percent less than or equal to 60 Seconds: 43.62%
(Alarm to Dispatch) Percent less than or equal to 90 Seconds: 63.83

Average Fire Department Turn Out Time: 1 minute(s) 13 second(s)
(Dispatch to Enroute)

Average Fire Department Turn Out and Travel Time: 5 minute(s) 39 second(s)
(Dispatch to Arrival)

Average Municipal Response Time: 6 minute(s) 58 second(s)
(Alarm to Arrival)

Percentile Response Times in Accordance with NFPA Standards

PSAP Processing Time less than 60 seconds: 43.62%
(Alarm to Dispatch)

Fire Department Turn Out Time less than 60 seconds: 44.61%
(Dispatch to Enroute)

Fire Department Travel Time less than 4 minutes: 46.04%
(Enroute to Arrival)

The Incident Total reflects incidents that have an Alarm Time and a Dispatch Time.
It does not include incidents where no apparatus have been assigned.

Listing of Mutual Aid Responses by Mutual Aid Department



Time Period: 7/1/22 - 7/31/22

Department: Canton Twp FD

Mutual aid received

220001760	7/10/22 3:07:45PM	1	08204	41424 E ANN ARBOR RD
220001855	7/19/22 10:09:35AM	1	08204	JOY RD

Subtotal Mutual aid received 2

Automatic aid received

220001680	7/2/22 11:18:30AM	2	08204	49485 W ANN ARBOR RD
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Subtotal Automatic aid received 1

Mutual aid given

220001677	7/1/22 5:15:29PM	3	08204	8245 HONEYTREE
220001827	7/16/22 2:47:39PM	3	08204	2105 N SHELDON
220001859	7/19/22 3:00:47PM	3	08204	5596 N LILLEY
220001933	7/27/22 7:56:00AM	3	08204	1275
220001967	7/30/22 7:23:02PM	3	08204	6943 FOXTHORN
220001968	7/30/22 7:28:54PM	3	08204	8210 SANDPIPER

Subtotal Mutual aid given 6

Subtotal Canton Twp FD 9

Department: Huron Valley Ambulance

Mutual aid received

220001746	7/8/22 3:24:04PM	1	HVA	49411 MAPLE
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Subtotal Mutual aid received 1

Subtotal Huron Valley Ambulance 1

Department: Northville City FD

Automatic aid received

220001680	7/2/22 11:18:30AM	2	08232	49485 W ANN ARBOR RD
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Subtotal Automatic aid received 1

Mutual aid given

220001921	7/26/22 1:25:53PM	3	08232	205 HAGGERTY RD
220001928	7/26/22 6:24:34PM	3	08232	1160 SHERIDAN
220001944	7/28/22 12:11:03PM	3	08232	S SHELDON RD

Subtotal Mutual aid given 3

Time Period: 7/1/22 - 7/31/22

Automatic aid given

220001702	7/5/22 6:09:51AM	4	08232	909 N SHELDON RD
<i>Subtotal Automatic aid given</i>				1
<i>Subtotal Northville City FD</i>				5

Department: Northville Twp FD

Mutual aid received

220001969	7/30/22 7:34:40PM	1	08255	1275
<i>Subtotal Mutual aid received</i>				1

Automatic aid received

220001680	7/2/22 11:18:30AM	2	08255	49485 W ANN ARBOR RD
<i>Subtotal Automatic aid received</i>				1

Mutual aid given

220001703	7/5/22 6:51:06AM	3	08255	17628 MAPLE HILL DR
220001735	7/7/22 7:17:05PM	3	08255	16223 OAK FOREST CT
220001762	7/10/22 7:02:07PM	3	08255	46252 PINEHURST DR
220001763	7/10/22 7:08:41PM	3	08255	45737 TOURNAMENT DR
220001764	7/10/22 8:55:16PM	3	08255	44600 FIVE MILE RD
220001943	7/28/22 9:30:59AM	3	08255	15700 HAGGERTY RD
220001945	7/28/22 1:50:28PM	3	08255	20002 BRYN MAWR CT
220001971	7/30/22 9:15:18PM	3	08255	20600 HAGGERTY RD
<i>Subtotal Mutual aid given</i>				8
<i>Subtotal Northville Twp FD</i>				10

Department: Westland FD

Mutual aid given

220001676	7/1/22 3:58:44PM	3	08251	8365 N NEWBURGH RD
<i>Subtotal Mutual aid given</i>				1
<i>Subtotal Westland FD</i>				1

Total	24
--------------	-----------

Incident Summary by Incident Type

For Dates: 7/1/22 - 7/31/22



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Shift: A				
Station: MA				
Fires	1	00:05:58	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:05:58	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	24	00:06:56	\$ 0.00	\$ 0.00
Service Calls	8	00:07:01	\$ 0.00	\$ 0.00
Good Intent Calls	5	00:02:52	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:06:05	\$ 0.00	\$ 0.00
Total for Station: ST1	40	00:06:23	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	14	00:06:59	\$ 0.00	\$ 0.00
Service Calls	4	00:05:55	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:04:51	\$ 0.00	\$ 0.00
Total for Station: ST2	19	00:06:39	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	19	00:07:53	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	3	00:08:56	\$ 0.00	\$ 0.00
Service Calls	6	00:07:29	\$ 0.00	\$ 0.00
Good Intent Calls	4	00:06:32	\$ 0.00	\$ 0.00
False Alarm & False Calls	5	00:09:35	\$ 0.00	\$ 0.00
Special Incident Types	1	00:08:06	\$ 0.00	\$ 0.00
Total for Station: ST3	38	00:07:59	\$ 0.00	\$ 0.00
Total for Shift: A	98.00	00:07:03	\$ 0.00	\$ 0.00
Shift: B				
Station: MA				
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:00:01	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	38	00:07:16	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:02:25	\$ 0.00	\$ 0.00
Service Calls	2	00:09:10	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:08:42	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:06:18	\$ 0.00	\$ 0.00
Special Incident Types	3	00:01:01	\$ 0.00	\$ 0.00
Total for Station: ST1	47	00:06:50	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	22	00:06:31	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:07:24	\$ 0.00	\$ 0.00
Service Calls	3	00:06:53	\$ 0.00	\$ 0.00

Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:07:12	\$ 0.00	\$ 0.00
Special Incident Types	2	00:00:15	\$ 0.00	\$ 0.00
Total for Station: ST2	51	00:03:47	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	26	00:06:46	\$ 0.00	\$ 0.00
Service Calls	3	00:07:38	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	4	00:05:33	\$ 0.00	\$ 0.00
Special Incident Types	1	00:04:59	\$ 0.00	\$ 0.00
Total for Station: ST3	36	00:06:17	\$ 0.00	\$ 0.00
Total for Shift: B	115.00	00:06:19	\$ 0.00	\$ 0.00
Shift: C				
Station: MA				
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:00:00	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	28	00:06:09	\$ 0.00	\$ 0.00
Service Calls	3	00:07:21	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:06:10	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: ST1	35	00:06:05	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	19	00:06:57	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:07:06	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:03:40	\$ 0.00	\$ 0.00
Total for Station: ST2	22	00:06:49	\$ 0.00	\$ 0.00
Station: ST3				
Fires	2	00:06:20	\$ 85,000.00	\$ 18,200,000.00
Rescue & Emergency Medical Service Incidents	27	00:07:04	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:04:54	\$ 0.00	\$ 0.00
Service Calls	5	00:08:23	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:09:46	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:06:20	\$ 0.00	\$ 0.00
Total for Station: ST3	42	00:07:13	\$ 85,000.00	\$ 18,200,000.00
Total for Shift: C	100.00	00:06:40	\$ 85,000.00	\$ 18,200,000.00
Total	313.00	00:06:39	\$ 85,000.00	\$ 18,200,000.00

Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Service Date: From 07/01/2022 Through 07/31/2022

Total Number of ePCRs: 233

Total Number of Incidents: 231

By Branch

01 Station 1 = 90

02 Station 2 = 52

03 Station 3 = 91

Run Disposition

	#	%		#	%
Treated/Transported	62	26.6%	Dead Prior To Arrival	1	0.4%
Treated / Transferred Care	95	40.8%	Dead After Arrival	N/A	N/A
Treated/No Transport (AMA)	48	20.6%	Treat/Transported by Private Veh.	N/A	N/A
Treated / No Transport (Per Protocol)	1	0.4%	Assist	24	10.3%
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	2	0.9%			
Left Blank	N/A	N/A			

Run Type

	#	%		#	%
Emergency Runs	233	100.0%	Non-Emergency Runs	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	N/A	N/A	Interfacility	N/A	N/A
Intercept	N/A	N/A	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	N/A	N/A	Interfacility	N/A	N/A
Intercept	N/A	N/A	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	1	0	0	1	0	0	0	0	0	0	0	0	0	0
ENG2	3	0	2	1	0	0	0	0	0	0	0	0	0	0
RES1	90	25	34	19	0	0	0	1	0	0	0	11	0	0
RES2	50	18	15	9	1	0	0	0	0	0	0	7	0	0
RES3	89	19	44	18	0	0	2	0	0	0	0	6	0	0
Total	233	62	95	48	1	0	2	1	0	0	0	24	0	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	21	9.0%	BLS	170	73.0%
ALS	212	91.0%	ALS1	63	27.0%
SCT	N/A	N/A	ALS2	N/A	N/A
			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	171	73.4%	63	27.0%	N/A	N/A	N/A	N/A	N/A	N/A	234	100.4%

Runs by Primary PI

Description	#	%
Abdominal Pain	11	4.7%
Allergic Reaction	5	2.1%
Alt. Level Conscious	5	2.1%
Anxiety	8	3.4%
Asthma Symptoms	3	1.3%
Back Pain (No Trauma)	4	1.7%
Behavioral Disorder	2	0.9%
CVA/Stroke	4	1.7%
Cardiac Symptoms	3	1.3%
Chest Pain	6	2.6%
Dehydration Symp.	3	1.3%
Diabetic Symptoms	2	0.9%
Dizziness	12	5.2%
Dyspnea-SOB	10	4.3%
Elevated Temp/Fever	1	0.4%
Flu Symptoms	3	1.3%
GI -Bleed	2	0.9%
GI -Diarrhea	1	0.4%
Headache (no trauma)	1	0.4%
Hemorrhage-(severe medical)	2	0.9%
Hyperthermia	1	0.4%
Malaise	7	3.0%
Monitoring Required	2	0.9%
No Medical Problem	10	4.3%
Not Applicable	3	1.3%
OB/Gyn	1	0.4%
OB/Gyn (comp.)	1	0.4%
Obvious Death	1	0.4%
Psychiatric Emerg.	9	3.9%
Seizure	4	1.7%
Syncopal/Fainting	8	3.4%
Trauma Injury	31	13.3%
Unconscious	2	0.9%
Unknown Medical	8	3.4%
Urinary Bleeding	1	0.4%
Urination Problem	1	0.4%
Vomiting	1	0.4%
Weakness	28	12.0%
Left Blank	26	11.2%
Total	233	100.0%

Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	14	6.0%
10 Chest Pain [non-traumatic]	9	3.9%
12 Convulsions/Seizures	6	2.6%
13 Diabetic	2	0.9%
17 Falls	45	19.3%
18 Headache	1	0.4%
19 Heart Problems A.I.D.C	2	0.9%
2 Allergies/Envenomations	4	1.7%
20 Heat/Cold Exposure	1	0.4%
21 Hemorrhage/Lacerations	3	1.3%
22 Inaccessible Incident/Other Entrapments [non-vehicle]	1	0.4%
23 Overdose/poisoning	4	1.7%
24 Pregnancy/Childbirth/Miscarriage	1	0.4%
25 Psychiatric/Abnormal behavior/Suicide Attempt	14	6.0%
26 Sick Person	43	18.5%
28 Stroke [CVA]	7	3.0%
29 Traffic/Accidents	19	8.2%
30 Traumatic Injuries	5	2.1%
31 Unconscious/Fainting	9	3.9%
32 Unknown Problem	5	2.1%
38 Medical Alarm	1	0.4%
38a Citizen assist	14	6.0%
4 Assault/Sexual Assault	1	0.4%
5 Back Pain	5	2.1%
6 Breathing Problems	12	5.2%
7 Burns/Explosion	1	0.4%
9 Cardiac or Respiratory Arrest/Death	1	0.4%
99 Unknown	2	0.9%
<i>Left Blank</i>	1	0.4%
Total	233	100.0%

Transport From (Category)

	<u>#</u>	<u>%</u>
-Left Blank-	233	100.0%
<i>Total</i>	233	100.0%

Transport From (Facility)

	<u>#</u>	<u>%</u>
-Left Blank-	230	98.7%
Independence Village	3	1.3%
<i>Total</i>	233	100.0%

Transport To (Destination Facility)

	<u>#</u>	<u>%</u>
St Mary Livonia ER	128	54.9%
-Left Blank-	76	32.6%
Providence Park ER-Novl	11	4.7%
UNIVERSITY OF MICHIGAN ER	6	2.6%
Beaumont Farmington Hills (Botsford)	4	1.7%
St Joe Ann Arbor ER	3	1.3%
Henry Ford West Bloomfield	3	1.3%
C.S. Mott Children's Hospital	2	0.9%
<i>Total</i>	233	100.0%

PLYMOUTH AGING SUMMARY
PLYMOUTH MONTHLY AGING SUMMARY
Report As Of July 31, 2022

ID	Description	Calls	Current	31 to 60	61 to 90	91 to 120	121 to 180	181 to 360	Over 360	Total
1CONS	PAPER - CONTRACT	1	0.00	0.00	0.00	0.00	705.88	0.00	0.00	705.88
APPL	APPEAL PATIENT 30	4	0.00	0.00	275.00	48.41	0.00	0.00	856.72	1181.13
BCBS	ELECT BCBS	7	1790.13	824.73	0.00	0.00	0.00	0.00	0.00	2614.86
CAID	ELECT MEDICAID	3	318.45	0.00	0.00	701.89	0.00	0.00	0.00	1020.14
CAIP	PAPER MEDICAID R	5	2219.62	732.42	0.00	707.28	0.00	0.00	0.00	3659.32
CARE	ELECT - MEDICARE	2	1396.40	0.00	0.00	0.00	0.00	0.00	0.00	1396.40
CAREBL	ELECT MEDICARE P	4	2480.15	0.00	0.00	0.00	0.00	0.00	0.00	2480.15
COMP	PAPER WORK COM	1	0.00	0.00	0.00	0.00	0.00	0.00	718.50	718.50
CRED	MHR REFUND CREDI	1	0.00	0.00	0.00	0.00	0.00	0.00	-266.69	-266.69
FIREINS	FIRE RECOVERY 15	1	0.00	0.00	0.00	0.00	0.00	0.00	375.00	375.00
INSU	PAPER INS PRMAR	4	0.00	1537.49	1027.19	719.85	0.00	0.00	0.00	3284.53
NEIC	ELECT INS NEIC	2	563.62	761.76	0.00	0.00	0.00	0.00	0.00	1345.38
NEICCAID	ELECT MEDICAID NE	1	719.85	0.00	0.00	0.00	0.00	0.00	0.00	719.85
NEICCARE	ELECT INS NEIC ME	7	2283.89	0.00	698.90	721.25	726.84	0.00	571.24	5002.12
PCAR	PAPER MEDICARE	3	679.34	733.82	714.26	0.00	0.00	0.00	0.00	2127.42
PRIV	REQUEST PRIVATE	1	0.00	0.00	541.91	0.00	0.00	0.00	0.00	541.91
PRV2	PAPER - PRIVATE P	45	12274.58	4942.52	3300.37	1457.14	106.46	687.79	0.00	22768.86
REVIEW	REVIEW	18	705.88	0.00	930.88	1671.31	3017.63	708.67	1924.23	9259.60
SINS	PAPER INS SECOND	3	0.00	105.72	0.00	144.78	300.00	0.00	0.00	550.50
TIME	TIME PAY ACCOUNT	4	0.00	0.00	355.88	0.00	200.00	0.00	220.00	775.88
ZIR	ZIRMED 2	3	719.85	0.00	0.00	0.00	0.00	0.00	224.76	944.61
ZIRCAID	ELECT MEDICAID ZI	5	1129.92	0.00	568.46	0.00	738.01	0.00	1215.09	3651.47
Totals		126	27281.86	9638.46	8412.94	6472.71	5794.62	1396.48	8938.85	64838.02

PLYMOUTH CHARGE SUMMARY
PLYMOUTH MONTHLY CHARGE SUMMARY
REPORT AS OF JULY 31, 2022

ID	Description	QTY	QTY %	Charge Count	Charge Count	Charges	Total Charges
427	ALS EMERGENCY	36	10.37	36	35.64	23400	66.45
433	ALS II EMERGENCY	1	0.29	1	0.99	800	2.27
429	BLS EMERGENCY	13	3.74	13	12.67	6500	18.46
0425MC	CMS MILEAGE	184.2	47.29	31	30.69	2293.9	6.51
425	MILEAGE	132	38.02	19	18.81	1844.04	5.24
MVA	MOTOR VEHICLE ACCIDENT	1	0.29	1	0.99	375	1.06
Totals		347.2		101		36212.94	

PLYMOUTH CREDIT REPORT
PLYMOUTH MONTHLY CREDIT REPORT
REPORT AS OF JULY 31, 2022

ID	Description	Credits	QTY %	Amount	Amount %
2	Adjustment	92	41.26	6248.6	18.95
3	Discount	1	0.45	0.29	0
1	Other Payment	102	45.74	16385.4	49.69
4	Other Refund	3	1.35	-371.89	-1.13
6	Patient Payment	13	5.83	3847.69	11.67
5	Write Off	12	5.38	6862.8	20.81
Totals		223		32972.69	

[Back](#) [Print](#)

Inspection Volume

7/28/2022 12:17:07 PM

Filters:

- Inspection Source: Internal Department Only
- Start Date: 7/1/2022 12:00:00 AM
- End Date: 7/29/2022 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

Randall, Jeff	# of Inspections ¹	Violations Cited	Occupant Sq. Ft.
2-Year ^{FS}	2		14,500
3-Year ^{FS}	3		53,577
Annual ^{FS}	7		457,500
Business Update ^{FS}	3		52,277
Certificate of Occupancy ^{FS}	6		144,037
Final Fire Alarm ^{FS}	3		1,005,000
Freedom of Information ^{FS}	2		10,000
Re-inspect ^{FS}	4		14,114
2-Year (2)			
Annual (2)			
Total 4 ³			
Semi-Annual (twice a year) ^{FS}	8		205,095
Site Plan/Plan Review ^{FS}	2		12,075
Special Event ^{FS}	2		40,000
Total	42	11	2,008,175

Totals

	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
2-Year ^{FS}	2				14,500
3-Year ^{FS}	3				53,577
Annual ^{FS}	7				457,500
Business Update ^{FS}	3				52,277
Certificate of Occupancy ^{FS}	6				144,037
Final Fire Alarm ^{FS}	3				1,005,000
Freedom of Information ^{FS}	2				10,000
Re-inspect ^{FS}	4				14,114
Semi-Annual (twice a year) ^{FS}	8				205,095
Site Plan/Plan Review ^{FS}	2				12,075
Special Event ^{FS}	2				40,000
Total⁵	42	11	0	11	2,008,175

¹This is actually a count for the inspection type. A single inspection with two types will total as two not one.

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

³One 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.

⁵Filtering out portal inspections can cause violations cited to be less than violations cleared (violation cited count comes from both department and portal inspections, while violations cleared only come from department inspections).

PLYMOUTH TOWNSHIP FIRE DEPARTMENT



CPR CLASSES

OFFICE USE ONLY: SCAN&SEND COPY _____ ENTER ON CALENDAR _____

Available to Township based persons only.

DATE REQUEST MADE _____ ASSIGNED TO: _____
TRAINERS Pieterat Jeff Malleri
TYPE OF PROGRAM: Heartsaver (CPR & AED) & First Aid PALS or BLS (Basic Life Support)
DATE OF PROGRAM: 7-19-22 TIME REQUIRED: 6 hours
ORGANIZATION: Nurse
LOCATION OF PROGRAM: _____
NUMBER OF PEOPLE EXPECTED: _____ AGE GROUP: _____
CONTACT PERSON: _____ PHONE #: _____

Participants and phone numbers:

AUTHORIZED BY: [Signature] DATE: 7/11/2022
FIRE CHIEF

=====

NUMBER PEOPLE PRESENT: 1 AMOUNT OF TIME REQUIRED: _____

IF THIS PROGRAM DID NOT TAKE PLACE, WHY NOT? _____

COMMENTS: _____ \$5.00 each - cards can be picked up (must show id)

PRESENTER'S NAME: _____ RETURN COMPLETED FORM TO FIRE CHIEF'S OFFICE

=====

Scheduling notes: This program for Plymouth Township residents and groups.

Small Groups - schedule to station covering home business area

1. Original to Chief for approval
2. Record on Fire Modules calendar
3. Scan and forward to Trainer
4. File original in notebook.

According to the Michigan Retention Schedule: Keep the completed copy for one year.

CPR-4-6 hrs, 3 to 6 students per instructor. 12 students per class

Ratios 3:1 student per mannequin. Will need equipment to show video.

Check with Clerk for Twp Hall space available and reserve.

PLYMOUTH TOWNSHIP FIRE DEPARTMENT
SPECIAL EVENT



OFFICE USE ONLY: SCAN & SEND COPY _____ ENTER ON CALENDAR _____

Available to Township based businesses/persons only.

DATE REQUEST MADE 5-16-22 ASSIGNED TO PLATOON#: 2

TYPE OF PROGRAM:

DATE OF PROGRAM: 7-26-22 TIME REQUIRED: 1hr 10:30 AM - 11:30 AM

ORGANIZATION MOM's Club 40 participants

LOCATION OF PROGRAM: Station 1

NUMBER OF PEOPLE EXPECTED: _____ AGE GROUP: Pre-K Early Elem

CONTACT PERSON Sarah PHONE #: 734-673-0123

Special Instructions Station Tour / Fire Safety

AUTHORIZED BY X [Signature]
FIRE CHIEF

DATE: 5-16-2022

=====

NUMBER PEOPLE PRESENT 40 AMOUNT OF TIME REQUIRED _____

IF THIS PROGRAM DID NOT TAKE PLACE, WHY NOT? _____

COMMENTS: great group

PRESENTER'S NAME: Pancoast, London RETURN COMPLETED FORM TO FIRE CHIEF'S _____

Scheduling notes: This program for Plymouth Township residents and groups.

Small Groups - schedule to station covering home business area

1. Original to Chief for approval 2. Record on Fire Modules calendar 3. Scan and forward to Platoon Officers

4. File original in notebook.

According to the Michigan Retention Schedule: Keep the completed copy for one year.

PLYMOUTH TOWNSHIP FIRE DEPARTMENT
SPECIAL EVENT



OFFICE USE ONLY: SCAN & SEND COPY _____ ENTER ON CALENDAR _____

Available to Township based businesses/persons only.

DATE REQUEST MADE 5-16-22 ASSIGNED TO PLATOON# 1

TYPE OF PROGRAM:

DATE OF PROGRAM: 7-27-22 TIMER REQUIRED: 1 hr. 10:30 AM

ORGANIZATION: Red Bell Pre School - Summer Camp

LOCATION OF PROGRAM: Station 1

NUMBER OF PEOPLE EXPECTED: 16

AGE GROUP: 8 to 11 yrs old

CONTACT PERSON: Cam

PHONE # 734-453-5520

Special Instructions:

Station Tour / Fire Safety

AUTHORIZED BY: [Signature]

FIRE CHIEF

DATE:

5-16-2022

NUMBER PEOPLE PRESENT:

AMOUNT OF TIME REQUIRED:

IF THIS PROGRAM DID NOT TAKE PLACE, WHY NOT? _____

COMMENTS: _____

PRESENTER'S NAME: _____

RETURN COMPLETED FORM TO FIRE CHIEF'S OFFICE

Scheduling notes: This program for Plymouth Township residents and groups.

Small Groups - schedule to station covering home business area

1. Original to Chief for approval
2. Record on Fire Modules calendar
3. Scan and forward to Platoon Officers
4. File original in notebook.

According to the Michigan Retention Schedule: Keep the completed copy for one year.



Monthly Planning & Zoning Report

for July 2022

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.

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 # / ADDRESS	SCOPE	STATUS / NEXT STEPS
#2312 <i>Ponds at Andover</i>	Residential development with 7 single-family, detached units, approved, with conditions, by the Board of Trustees on August 25, 2020.	CHO Agreement recorded on March 22, 2022. Final stamp pending.
#2332 <i>Boleski Funeral Home</i>	Final site plan, with conditions, granted by the Planning Commission on July 21, 2021.	Revised plans submitted to the administrative review committee; under review.
#2346 <i>Phoenix Mill</i>	Redevelopment of the former Wayne County Road Yard, adjacent to Hines Park, into an office and event space.	Final site plan granted by the Planning Commission on May 19, 2021; final stamp under review.
#2377 <i>Home for Mom & Dad</i>	Tentative site plan approval for a 20-unit assisted living facility granted by the Planning Commission on February 17, 2021. The Commission granted a one-year extension on February 16, 2022.	The applicant submitted for final site plan consideration; scheduled for the August 17, 2022 Planning Commission meeting
#2385 <i>Lot 1 - Metro Business Park</i>	Tentative site plan for a ±24,000 SF office and industrial spec building granted by the Planning Commission on March 17, 2021.	A one-year extension was granted by the Planning Commission on April 20, 2022; the applicant must submit a final site plan by March 17, 2023 or the site plan will expire, and the file will be closed.
#2386 <i>Lot 14 - Metro Business Park</i>	Tentative site plan for a ±26,000 SF office and industrial spec building granted by the Planning Commission on March 17, 2021.	
#2387 <i>Lots 17-20 - Metro Business Park</i>	Tentative site plan for an office and industrial spec building granted by the Planning Commission on April 21, 2021.	A one-year extension was granted by the Planning Commission on April 20, 2022; the applicant must submit a final site plan by April 21, 2023 or the site plan will expire, and the file will be closed.
#2394 <i>Pursell Place CHO</i>	Eight single-family residential subdivision at 46200 N. Territorial Road.	The final CHO was approved by the Board of Trustees on July 12, 2022, final stamp and project close out



PROJECT # / ADDRESS	SCOPE	STATUS / NEXT STEPS
		pending. The HDC is to work on the historic marker for the site.
#2410 <i>Plymouth Ridge Rezoning</i>	Request for the Planning Commission to re-hear a rezoning request at the former Northridge residential site. The Commission approved to re-hear the rezoning request on January 19, 2022.	A public hearing for the conditional rezoning is scheduled for the August 17, 2022 Planning Commission meeting.
#2415 <i>SW Corner of Schoolcraft and Haggerty</i>	Site plan for an RV storage facility.	Final site plan approval <u>granted on March 16, 2022</u> , with conditions. Applicant to finalize engineering and submit for final stamp.
#2416 <i>BCP Industries</i>	Site plan for a 280,000 SF industrial spec. building at the southeast corner of Ridge Road and Five Mile Road.	Final site plan approval granted on March 16, 2022. Applicant to finalize engineering and submit for final stamp.
#2419 <i>Towne Center PUD</i>	Proposal for a grocery store at the Towne Center PUD (NW corner of Haggerty Road and Ann Arbor Road).	Final stamp issued, file closed.
#2423 <i>ARC Signage</i>	New signage proposal for the Towne Carpet and Flooring building.	Waiting for revised plans to be submitted by the applicant. Both non-conforming pole signs are removed.
#2425 <i>Taco Bell Expansion</i>	Proposal for a second drive-through lane, new signage, and new lighting at the existing Taco Bell restaurant.	Waiting for revised plans to be submitted by the applicant.
#2426 <i>13401 Beck Road</i>	Lot split application for the creation of two single-family lots.	Lot split approved, the applicant received a variance on July 7, 2022 by the Zoning Board of Appeals. File closed.
#2427 <i>SW Corner of Schoolcraft and Haggerty</i>	Land combination application for two industrial parcels (requirement of the RV Storage Facility site plan).	Revisions necessary; applicant to resubmit a revised land survey.
#2435 <i>41525 Ann Arbor Trail</i>	Lot split application for the creation of two single-family lots.	Application approved, file closed.
#2436 <i>11570 Napier Road</i>	Administrative request for a residential sports court.	Application approved, with conditions; the applicant received a variance on July 7, 2022 by the Zoning Board of Appeals. File closed.
#2437 <i>Towneplace Corner</i>	Rezoning application to the R-1, Single-Family Residential District at the NW corner of McClumpha and Ann Arbor Road (previously #2405, closed out following denial).	Public hearing held at the May 18, 2022 Planning Commission meeting, the Commission recommended denial of the proposed rezoning to the Board of Trustees. Application to be considered by the Board of Trustees on August 23, 2022.



PROJECT # / ADDRESS	SCOPE	STATUS / NEXT STEPS
#2439 9075 General Drive	A brownfield plan has been submitted for the ±40,000 square foot industrial building that was significantly damaged by a fire.	The Brownfield Redevelopment Authority recommended approval of the proposed Brownfield Plan on Monday, June 13, 2022 to the Board of Trustees, who then approved the Plan on July 26, 2022. File closed
#2440 1081 Ann Arbor Road	A new ground sign is proposed for the Red Olive restaurant in the ARC, Ann Arbor Road Corridor District.	The Planning Commission approved a revised sign application on July 20, 2022. File closed.
#2442 14492 Sheldon Road	Lot split application for a proposed Montessori school.	Application approved, file closed.
#2443 14492 Sheldon Road	Special land use application for a Montessori school.	The Planning Commission granted special land use approval on July 20, 2022.
#2444 Plymouth Walk PUD	Site development plan submitted for the Plymouth Walk Residential Planned Unit Development (PUD).	Tentative site development plan approval granted by the Planning Commission on July 20, 2022. Applicant to revise their site plan and resubmit at a future date.
#2445 11211 Haggerty Road	Lot split application for single-family residential developments.	Application under review.
#2446 15055 Sheldon Road	Administrative site plan review for minor façade improvements to the existing Wendy's restaurant at 15055 Sheldon Road.	Application approved, file closed.
#2447 8837 Corinne	Lot split application for single-family residential developments.	Application under review.

MISCELLANEOUS ON-GOING PROJECTS

I-275 Landscaping/Screening. The Township met with MDOT regarding the I-275 interchange (as part of the larger I-275 roadway project) to create several berms within the cloverleaf to offer additional noise buffers for the surrounding neighborhoods. These areas will be further landscaped, and the Township is interested in exploring signage to create more of a gateway into the community.

Former Steak & Ale Site. Discussions on this challenging site continue to evolve; residential uses are currently being discussed with a developer. One major obstacle for redevelopment is the volume of Ann Arbor Road traffic and the proximity to the freeway exchange; this has created issues in ensuring safe access from Massey Drive (without a traffic light, which MDOT has stated is not possible).

Henry Ford Health System. The outbuilding at the corner has been constructed and will be occupied by the following three tenants: Chipotle, AT&T, and the Henry Ford OptimEyes Vision Center. Construction on the healthcare facility itself continues to progress, it is scheduled to open September 2022.

EV Charging Station at Township Hall. The Township is engaged with DTE on a grant to install an EV charging station for the public's use at Township Hall.



CSX Improvements. Progress continues to be made for the planned pedestrian and landscaping improvements to the CSX overpass on Ann Arbor Road; on January 25, 2022, the Board of Trustees entered into an agreement with MDOT regarding easements and maintenance (as Ann Arbor Road is a state roadway).

RECOMMENDATIONS / NEXT MONTH'S OUTLOOK

Joint Board of Trustees and Planning Commission meeting. A joint meeting was held on August 24, 2021; it was recommended that the Board of Trustees and Planning Commission have a second joint meeting in 2022 and further discuss planning related items, including the vision for future Cluster Housing Options (CHO).

CONTACT US

Should you have any questions on the above projects or would like additional information, please contact your Plymouth Township team at:

- Laura Haw, AICP, NCI (lhaw@mcka.com)
- Nani Wolf (nwolf@mcka.com)



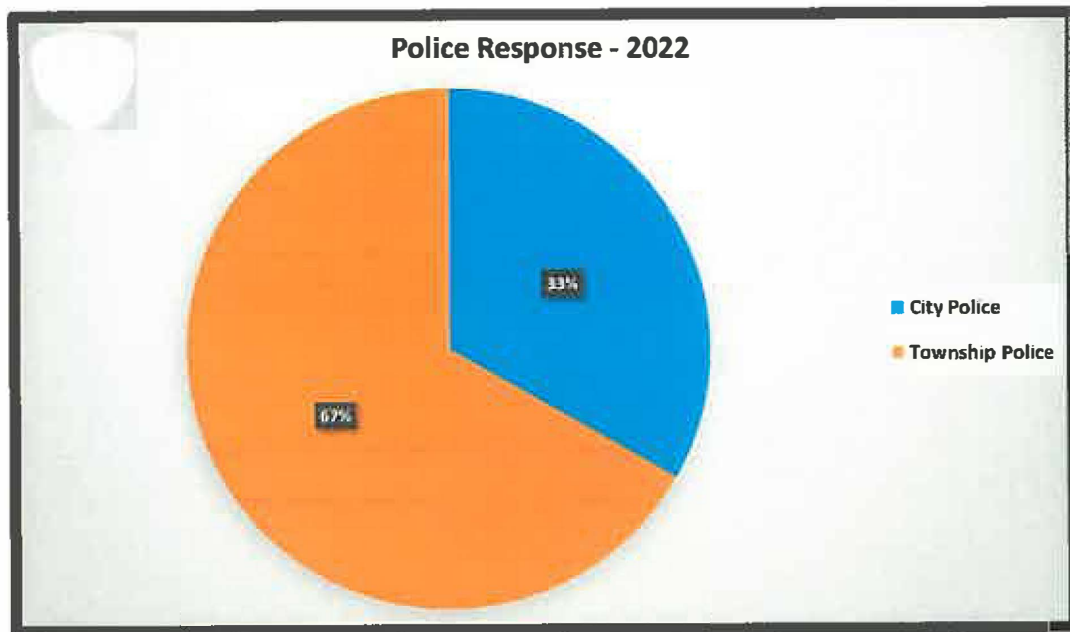
Plymouth Twp. Police
July 2022

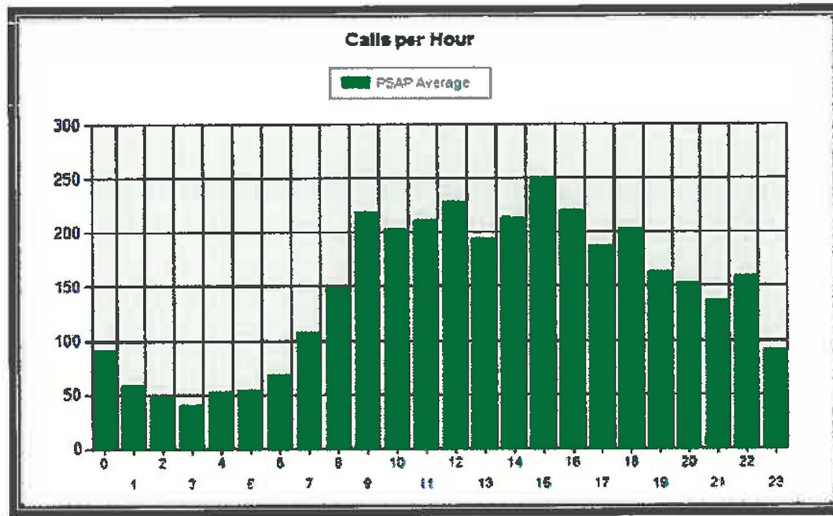
PART-ONE CRIMES

CLASS	Description	Jul/2022	Jul/2021	% CHG	YTD 2022	YTD 2021	% CHG
10001	KIDNAPPING/ABDUCTION	0	0	0%	0	1	-100.0%
11001	SEXUAL PENETRATION PENIS/VAGINA -CSC 1ST DEGREE	0	0	0%	1	0	100.0%
11002	SEXUAL PENETRATION PENIS/VAGINA -CSC 3RD DEGREE	0	0	0%	0	2	-100.0%
11003	SEXUAL PENETRATION ORAL/ANAL -CSC 1ST DEGREE	0	0	0%	1	0	100.0%
11004	SEXUAL PENETRATION ORAL/ANAL -CSC 3RD DEGREE	0	0	0%	0	1	-100.0%
11007	SEXUAL CONTACT FORCIBLE -CSC 2ND DEGREE	0	0	0%	0	2	-100.0%
11008	SEXUAL CONTACT FORCIBLE -CSC 4TH DEGREE	1	0	0%	3	0	300.0%
12000	ROBBERY	0	0	0%	0	1	-100.0%
13001	NONAGGRAVATED ASSAULT	4	5	-20.0%	48	48	0%
13002	AGGRAVATED/FELONIOUS ASSAULT	2	1	100.0%	5	7	-28.6%
13003	INTIMIDATION/STALKING	0	3	-100.0%	4	7	-42.9%
20000	ARSON	0	0	0%	0	1	-100.0%
21000	EXTORTION	0	0	0%	0	3	-100.0%
22001	BURGLARY -FORCED ENTRY	0	0	0%	5	4	25.0%
22002	BURGLARY -ENTRY WITHOUT FORCE (Intent to Commit)	1	1	0%	3	3	0%
23002	LARCENY -PURSES/NATCHING	0	0	0%	1	0	100.0%
23003	LARCENY -THEFT FROM BUILDING	3	1	200.0%	14	10	40.0%
23005	LARCENY -THEFT FROM MOTOR VEHICLE	2	1	100.0%	43	19	126.3%
23006	LARCENY -THEFT OF MOTOR VEHICLE PARTS/ACCESSORIES	1	1	0%	29	16	81.3%
23007	LARCENY -OTHER	3	5	-40.0%	21	24	-12.5%
24001	MOTOR VEHICLE THEFT	2	1	100.0%	16	15	6.7%
24002	MOTOR VEHICLE, AS STOLEN PROPERTY	0	0	0%	0	1	-100.0%
24002	MOTOR VEHICLE THEFT	0	0	0%	1	0	100.0%
25000	FORGERY/COUNTERFEITING	0	0	0%	2	0	200.0%
26001	FRAUD -FALSE PRETENSE/SWINDLE/CONFIDENCE	4	4	0%	25	23	8.7%
26002	FRAUD -CREDIT CARD/AUTOMATIC TELLER MACHINE	0	0	0%	5	5	0%
26005	FRAUD -WIRE FRAUD	0	0	0%	2	4	-50.0%
26007	FRAUD - IDENTITY THEFT	3	2	50.0%	25	24	4.2%
27000	EMBEZZLEMENT	1	0	0%	1	0	100.0%
28000	STOLEN PROPERTY	0	0	0%	3	0	300.0%
29000	DAMAGE TO PROPERTY	4	5	-20.0%	21	30	-30.0%
30002	RETAIL FRAUD -THEFT	1	1	0%	10	8	25.0%
30003	RETAIL FRAUD -REFUND/EXCHANGE	1	0	0%	2	0	200.0%
35001	VIOLATION OF CONTROLLED SUBSTANCE ACT	1	1	0%	9	3	200.0%
35002	NARCOTIC EQUIPMENT VIOLATIONS	0	0	0%	7	1	600.0%
37000	OBSCENITY	0	0	0%	1	0	100.0%
52001	WEAPONS OFFENSE- CONCEALED	1	0	0%	7	3	133.3%
52003	WEAPONS OFFENSE -OTHER	0	0	0%	1	2	-50.0%
72000	ANIMAL CRUELTY	4	0	0%	4	0	400.0%
Totals for Part A		39	32	21.88%	320		19.40%

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						3,458
Township Police	911	868	1,068	872	1,144	1,019	1,068						6,950
Total	1,281	1,225	1,582	1,409	1,669	1,588	1,654	0	0	0	0	0	10,408

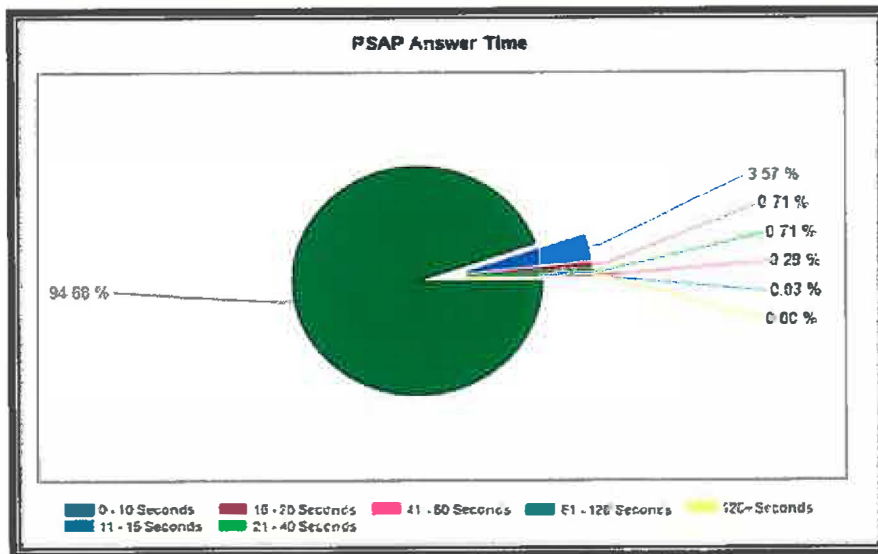
POLICE RESPONSE													
2021	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	408	348	481	436	482	565	552	551	531	515	465	467	5,801
Township Police	750	765	953	854	866	916	950	924	1,018	856	890	801	10,543
Total	1,158	1,113	1,434	1,290	1,348	1,481	1,502	1,475	1,549	1,371	1,355	1,268	16,344





2022 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,053	978	1,179	1,060	1,113	1,136	1,115						7,634
# of Non-Emergency Calls	1,944	1,762	1,983	1,986	2,273	2,343	2,260						14,651
Total	2,997	2,740	3,162	3,046	3,386	3,479	3,375	0	0	0	0	0	22,185

2021 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,014	961	805	716	1,151	1,254	1,472	1,538	1,448	1,246	1,159	1,172	13,936
# of Non-Emergency Calls	1,751	1,934	2,206	1,824	2,105	2,079	2,254	2,418	2,249	2,055	2,051	1,868	24,794
Total	2,766	2,895	3,011	2,640	3,256	3,333	3,726	3,956	3,697	3,301	3,210	3,040	38,730

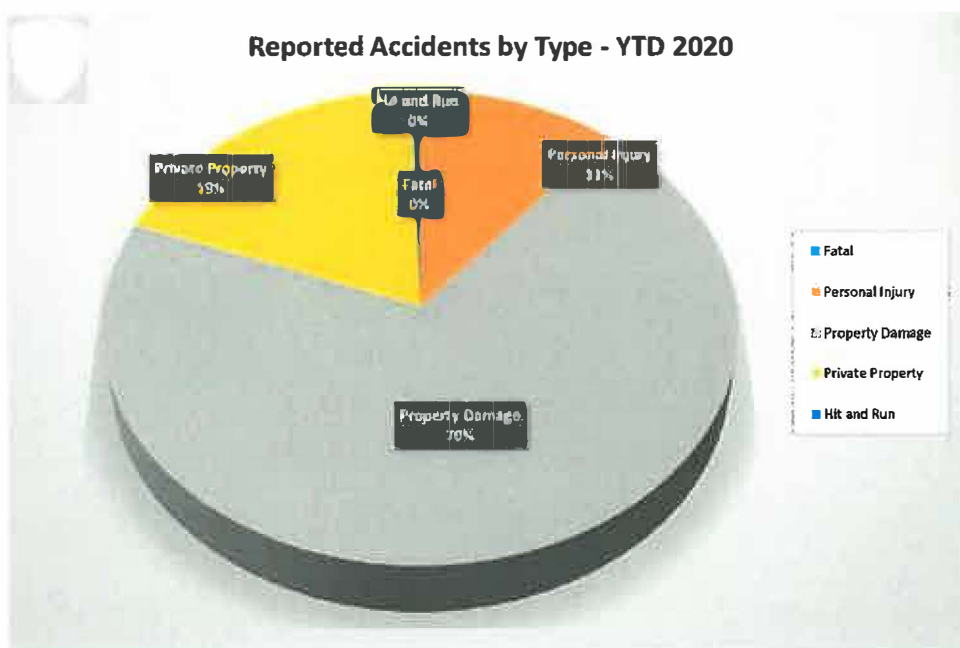


2.2.1 Standard for answering 9-1-1 Calls

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

% answer time 15 seconds	98.25%
% answer time 20 seconds	98.96%

TRAFFIC ACCIDENT SUMMARY													
2022	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0						0
Personal Injury	14	4	9	6	13	6	8						60
Property Damage	58	59	53	44	63	61	37						375
Private Property	18	8	16	15	16	19	8						100
Hit and Run	1	0	1	0	0	1	0						3
Total	91	71	79	65	92	87	53	0	0	0	0	0	538
2021	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	9	8	7	8	10	7	13	17	10	13	7	6	115
Property Damage	37	41	29	35	37	45	42	61	50	67	50	39	533
Private Property	0	10	15	13	12	11	12	12	15	17	11	5	133
Hit and Run	5	2	0	0	0	0	0	1	0	0	0	0	8
Total	51	61	51	56	59	63	67	91	75	97	68	50	789



TRAFFIC VIOLATION SUMMARY

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						38
Speed	47	33	33	34	46	24	23						240
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0
Traffic Stops	299	251	386	265	359	278	375						2,213

Number of Arrests													
2022	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	21	4	14	6	7	6	11						69
Misdemeanor	35	27	37	21	49	39	33						241
Citations	146	126	139	135	182	97	130						955
Total	202	157	190	162	238	142	174	0	0	0	0	0	1,265

January 1, 2021 through December 31, 2021													
2021	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	3	3	4	4	3	4	2	3	13	3	7	8	57
Speed	45	16	40	35	30	21	34	25	35	40	42	21	384
Commercial	0	0	0	0	0	0	0	0	0	0	0	0	0
Traffic Stops	258	190	294	243	219	237	241	225	286	252	214	188	2,847

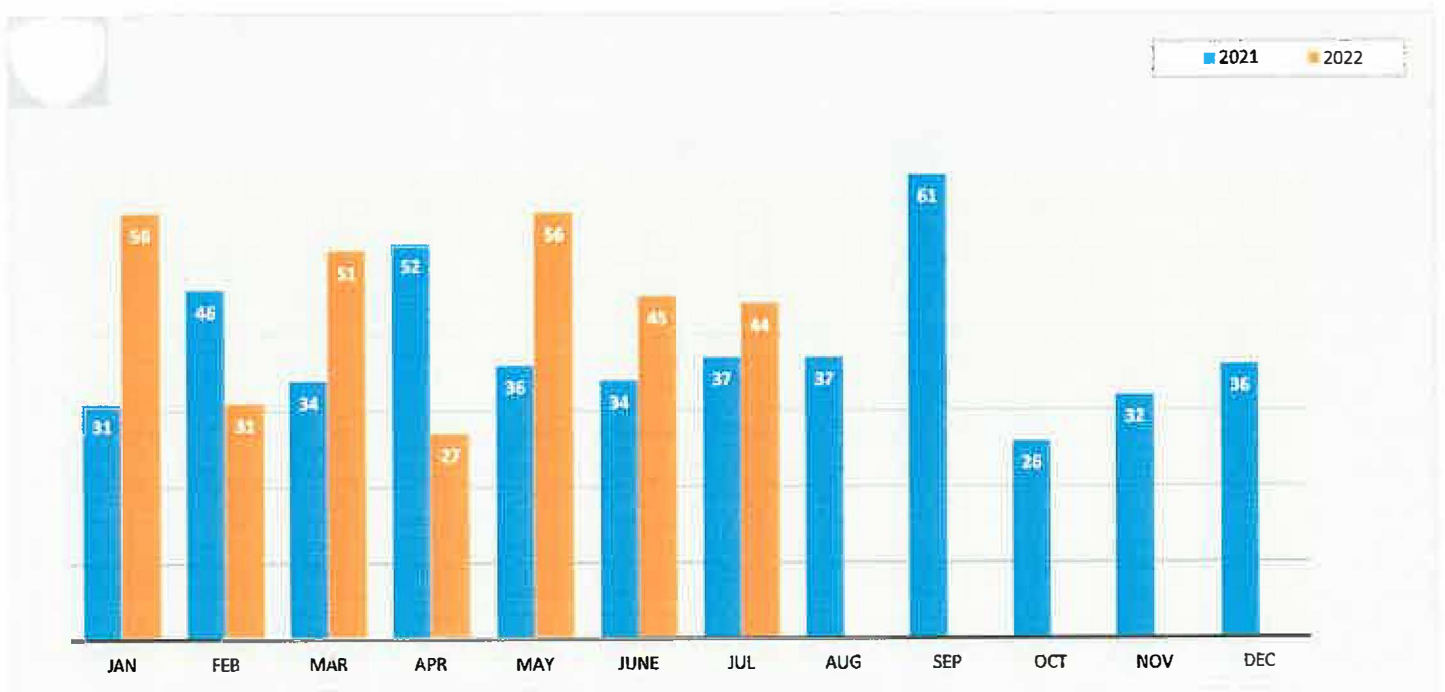
Number of Arrests													
2021	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	5	7	8	4	12	6	4	8	11	4	6	3	78
Misdemeanor	26	39	26	48	24	28	33	29	50	22	26	33	384
Citations	114	65	107	121	120	103	112	135	159	131	114	77	1,358
Total	145	111	141	173	156	137	149	172	220	157	146	113	1,820

**Traffic Violations Issued by Type
Year to Date 2022**



NUMBER OF ARRESTS

YEAR	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
2022	56	31	51	27	56	45	44						310
2021	31	46	34	52	36	34	37	37	61	26	32	36	462



FOIA Monthly Report

Run Date: 08/01/2022 8:00 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
7/1/2022	Kukun / (www.mykukun.com)	Ms Nelja Holmquist	Building	
7/5/2022		Miss Madeline Piontek	Fire Report	
7/5/2022		Mr. David Prater	Accounting Records Assessing Records Budget Building Code of Ordinance Records Contract Election Records EMS Report Environmental Fire Report Human Resources Meeting Minutes Outstanding Liens Assessments Planning Police Records Public Services- Works Resolutions Zoning Other	
7/5/2022		Mr. David Prater	Accounting Records Assessing Records Budget Building Code of Ordinance Records Contract Election Records EMS Report Environmental Fire Report Human Resources Meeting Minutes Outstanding Liens Assessments Planning Police Records Public Services- Works Resolutions Zoning Other	
7/7/2022	SME	Senior Staff Engineer Marc Rasmussen	Environmental	
7/11/2022	Applied Environmental	Ms. Hannah Koskiniemi	Assessing Records Building Fire Report	
7/11/2022	Remine	Christina Hogue	Assessing Records Other	
7/11/2022		Mrs. Lora Boka	Code of Ordinance Records	
7/11/2022		Mr. Matthew Wilk	Election Records	
7/14/2022	The Warren Group	Christina Doucette	Other	
7/21/2022		- max gelula	Building Environmental Meeting Minutes Planning Resolutions Zoning Other	
7/25/2022		Precinct Delegate Write-in 2022 Terri Biegas	Other	
7/26/2022		Ruthanne Gingell	Other	
7/27/2022	Little & Boylan, PLLC	Ms. Tara Hamilton	Building Code of Ordinance Records Contract Planning Public Services-Works Zoning	
7/29/2022	BuildZoom	Janine Rugas	Building	
Total Requests: 15				Total Dollars: 0

PD

FOIA Monthly Report

run Date: 08/01/2022 10:09 AM

Reference No	Create Date	Request Status	Assigned Dept	Company Name	Customer Full Name	Type of Information Requested	Total Fees Charged (\$)	Amount of Payment
W003584-070122	7/1/2022	Full Release	Police Department	Hometownlife.com-USA Today Network	Reporter Susan Vela	Police Records	0.00	
W003586-070522	7/5/2022	Partial Release	Police Department		LUCIA COOPER	Police Records	0.00	
W003588-070522	7/5/2022	No Records Exist	Police Department		Mrs. Rachel Reed	Police Records	0.00	
W003591-070522	7/5/2022	Partial Release	Police Department		Police Reports Willie Loga	Police Records	0.00	
W003592-070522	7/5/2022	Partial Release	Police Department		Police Reports Willie Loga	Police Records	0.00	
W003593-070622	7/6/2022	Partial Release	Police Department		MR. TIMOTHY NADON	Police Records	0.00	
W003594-070622	7/6/2022	Partial Release	Police Department	Law Office of Ian Caldwell	Ian Caldwell	Police Records	2.24	91.94
W003596-070722	7/7/2022	Partial Release	Police Department		GAYLE BLAIR	Police Records	0.00	
W003597-071122	7/11/2022	Full Release	Police Department		Rainell Frasier	Police Records	0.00	
W003601-071122	7/11/2022	Partial Release	Police Department		Mrs. Lora Boka	Police Records	0.00	
W003602-071122	7/11/2022	Partial Release	Police Department		ANJELEISE MCKINLEY	Police Records	0.00	
W003604-071122	7/11/2022	No Records Exist	Police Department	SegalMcCambridge Singer & Mahoney	Dawn Blakemore	Police Records	0.00	
W003606-071422	7/14/2022	Partial Release	Police Department		GARY GARDELLA	Police Records	0.00	
W003607-071422	7/14/2022	Partial Release	Police Department	Sam Bernstein Law Firm	Morgan Michaels	Police Records	0.00	
W003608-071422	7/14/2022	No Records Exist	Police Department	Foster Swift Collins & Smith PC Attorneys	Legal Assistant Debra Hudson	Police Records	0.00	
W003609-071822	7/18/2022	Partial Release	Police Department		Mr. Mark Howson	Police Records	0.00	
W003610-071922	7/19/2022	Full Release	Police Department	LAWRENCE TECH UNIV	EXEC. DIR. CAMPUS SAFETY STEVEN STEVEN BOGDALEK	Police Records	0.00	
W003611-071922	7/19/2022	Full Release	Police Department	FOX HILLS CHRYSLER JEEP	LOUIS WARD	Police Records	0.00	
W003612-071922	7/19/2022	Partial Release	Police Department		Ms Kelley Urena	Police Records	0.00	
W003614-072222	7/22/2022	Partial Release	Police Department		Mr. Maksim Natolli	Police Records	0.00	
W003615-072522	7/25/2022	Full Release	Police Department	FEDERAL AVIATION ADMINISTRATION	CHRISTOPHER ZAWARUS	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
W003616-072522	7/25/2022	Partial Release	Police Department		STEVEN KISER	Police Records	0.00	
W003617-072522	7/25/2022	Full Release	Police Department	LEWIS & MUNDAY	HEATHER SAVITSKIE	Police Records	0.00	
W003619-072622	7/26/2022	Cost Estimate Sent	Police Department	Barone Defense Firm	Patrick Barone Esq. /MEB	Police Records	0.00	
W003620-072622	7/26/2022	Waiting for Pick-up	Police Department		MR. JUSTIN PHILLIPS	Police Records	0.00	
W003623-072722	7/27/2022	Partial Release	Police Department		TROY MYATT	Police Records	0.00	
W003624-072922	7/29/2022	New Request	Police Department		PAUL BERNARD	Police Records	0.00	
Total Requests: 27							2.24	Total Dollars: 91.94

BOARD DATE

8/23/2022

FUND NAME	FUND NUMBER	TOTAL INC PAYROLL	PAYROLL & INVOICES PAID PRIOR TO MEETING	INVOICES PAID AFTER BOARD REVIEW
GENERAL FUND	101	1,227,011.14	843,098.63	383,912.51
DRUG FORFEITURE	262	37,428.00	36,983.00	445.00
DRUG FORFEITURE	265	3,500.00	-	3,500.00
DRUG FORFEITURE	266	-	-	
ARPA	285	10,039.75	10,039.75	
IMPROV. REV.	446	(2,573.32)	(2,573.32)	
SENIOR TRANSPORTATION	588	(34,070.30)	(34,592.04)	521.74
WATER & SEWER	592	852,111.08	363,220.89	488,890.19
SWD	596	120,003.49	5,655.89	114,347.60
TAX POOL	703	1,578.78	1,578.78	
POLICE BOND FUND	710	-	-	
SPECIAL ASSESS CAPITAL	805	40,294.25	40,294.25	
	TOTAL	2,255,322.87	1,263,705.83	991,617.04

GRAND TOTAL

2,255,322.87

NOTE: Includes correction for double posting of 2/25/2022 payroll.

BR 8/17/22 1/12

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

AIRGAS USA, LLC

INV # 9990087566 CYLINDER RENTAL

101-336-773.000
101-336-773.000
101-336-773.000

INV# 9990087566 MED LARGE OXYGEN
MED XS OXYGEN
HAZMAT CHARGE

Invoice Amount: \$505.61
Check Date: 08/23/2022
382.45
74.40
48.76

ALERUS FINANCIAL

2022 CONTRIBUTION TO OPEB TRUST FUND

101-261-874.000

2022 CONTRIBUTION TO OPEB TRUST FUND

Invoice Amount: \$250,000.00
Check Date: 08/23/2022
250,000.00

ALPHAGRAPHICS #336

LETTERHEAD

101-215-752.000

4000 SHEETS LETTER HEAD INV 136102

Invoice Amount: \$548.00
Check Date: 08/23/2022
548.00

BELLE TIRE

7*/26/22 #402 #39360343 AUTO REPAIRS - TIR

592-537-863.000

TIRE REPAIR PARTS AND LABOR

Invoice Amount: \$816.92
Check Date: 08/23/2022
816.92

ASSA ABLOY ENTRANCE SYSTEMS US, INC

BI-ANNUAL MAINTENANCE PER AGREEMENT (FIR

101-265-930.000

BI-ANNUAL MAINTENANCE

Invoice Amount: \$378.00
Check Date: 08/23/2022
378.00

BENNETT & DEMOPOULOS, PLLC

LEGAL SERVICES - JULY 2022

101-261-807.000
101-701-806.000
101-261-806.000
101-261-806.000
592-536-806.000
596-528-806.000

ORDINANCE PROSECUTIONS
COMMUNITY DEVELOPMENT
ADMINISTRATION
MISCELLANEOUS
WATER AND SEWER
SOLID WASTE

Invoice Amount: \$13,168.38
Check Date: 08/23/2022
8,505.00
2,953.13
971.25
4.00
236.25
498.75

BLACKWELL FORD INC.

INV#394007 OIL CHANGE/TIRE ROTATION 22 F-

101-371-863.000

INV#394007 22 F-150 OIL CHANGE/ROTATION

Invoice Amount: \$66.51
Check Date: 08/23/2022
66.51

BLACKWELL FORD INC.

INV#393175 2014 F-150 REPAIR VIN#4851

101-371-863.000

INV#393175 2014 F-150 REPAIR

Invoice Amount: \$383.34
Check Date: 08/23/2022
383.34

BLACKWELL FORD INC.

INV. 393926 8/2/2022 VEHICLE REPAIR/A19647

101-301-863.000

PATCH REPAIR FLAT TIRE

Invoice Amount: \$21.12
Check Date: 08/23/2022
21.12

BLACKWELL FORD INC.

INV. 393425 8/4/2022 VEHICLE REPAIR/129715

101-301-863.000

REPLACE AIR INTAKE TUBE

Invoice Amount: \$76.13
Check Date: 08/23/2022
76.13

BLACKWELL FORD INC.

INV. 394082 8/5/2022 VEHICLE REPAIR/A41937

101-301-863.000

REPLACE 4 TIRES

Invoice Amount: \$100.92
Check Date: 08/23/2022
100.92

BLACKWELL FORD INC.

INV# 392914 R3 REPLACED REAR PADS&ROTOR

101-336-863.000
101-336-863.000

INV# 392914 PARTS RESCUE 3
LABOR

Invoice Amount: \$1,353.93
Check Date: 08/23/2022
803.93
550.00

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

CODE SAVVY CONSULTANTS LLC

INV.#2035 BRUGOLA FIRE SYSTEM REVIEW

101-371-801.000

Invoice Amount:

\$1,025.00

Check Date:

08/23/2022

INV#2035 BRUGOLA PLAN REVIEW

1,025.00

CORRIGAN OIL COMPANY

#7580268 7/26/22 CORRIGAN OIL - GREASE

592-537-759.000

592-537-759.000

Invoice Amount:

\$467.58

Check Date:

08/23/2022

GRCOHDR2C HD RED #2 10/1

457.63

ENVIRONMENTAL FEE

9.95

CORRIGAN OIL COMPANY

#7591458 8/9/22

592-537-759.000

592-537-759.000

592-537-759.000

592-537-759.000

Invoice Amount:

\$3,037.48

Check Date:

08/23/2022

Fuel Tax Recap

12.05

Environmental Fee

9.95

GE87 GAS-ETHANOL

1,602.56

DYDLSMIX

1,412.92

CORRPRO

ANNUAL SERVICE AGREEMENT WATER STORAGE

592-537-801.000

Invoice Amount:

\$2,910.00

Check Date:

08/23/2022

ANNUAL SERVICE AGMT WATER TANK 22-23

2,910.00

Complete Outdoor Services of MI

COSM - HILLTOP GOLF COURSE TREE CLIPPING,

101-751-930.000

Invoice Amount:

\$5,000.00

Check Date:

08/23/2022

HILLTOP GC TREE CLIP & HAULING 7-9-22

5,000.00

Complete Outdoor Services of MI

COSM 7/19/22 TWP PARK ELEVATE VARIOUS TR

101-751-930.000

Invoice Amount:

\$1,500.00

Check Date:

08/23/2022

COSM 7/19/22 TWP PARK

1,500.00

Complete Outdoor Services of MI

COSM 7/19/22 LAKEPOINTE SOCCER PARK (DET

101-751-930.000

Invoice Amount:

\$8,500.00

Check Date:

08/23/2022

COSM 7/19/22 LAKEPOINTE SOCCER PARK

8,500.00

Complete Outdoor Services of MI

COSM 8/5/22 MILLER PARK PARK (DETAILS ATT

101-751-930.000

Invoice Amount:

\$2,000.00

Check Date:

08/23/2022

COSM 8/5/22 MILLER PARK

2,000.00

CUMMINS SALES & SERVICE

BUILDING LOAD TEST ON GENERATOR REQUIRE

101-426-934.000

Invoice Amount:

\$847.74

Check Date:

08/23/2022

LABOR & TRAVEL TO PERFORM TEST

847.74

DC Dental, Inc.

INV. 889503IN 8/2/2022 ULTRA ONE LATEX GLO

101-351-757.000

101-351-757.000

Invoice Amount:

\$481.60

Check Date:

08/23/2022

HIGH RISK - LARGE

309.60

HIGH RISK - XLARGE

172.00

DE WOLF & ASSOCIATES

INV. 1435 7/13/2022 SUPERVISION OF THE FIEL

101-301-958.000

Invoice Amount:

\$565.00

Check Date:

08/23/2022

LT. RYAN KREBS 7/19-7/21

565.00

Dominion Voting

ICP & ICX CODING FOR AUGUST PRIMARY ELECT

101-262-801.000

101-262-801.000

101-262-801.000

Invoice Amount:

\$1,870.00

Check Date:

08/23/2022

ICP Tabulator Coding

1,500.00

ICX Coding

120.00

ICP Tabulator Coding - AVCB's

250.00

EJ USA, INC.

8" SOLID SLEEVE AND MEGAS

Invoice Amount:

\$1,249.44

Check Date:

08/23/2022

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

	592-537-757.000	8X12 MJ SSB SOLID SLV W/O	732.88
	592-537-757.000	8" MJ MEGALUG #1108 CORE BLUE SET	516.56
EctoHR, Inc.		Invoice Amount:	\$6,825.00
ECTOHR - JULY 2022 SERVICES - (DETAILED INV		Check Date:	08/23/2022
101-171-805.000	7/22 SERVICES #13163		6,825.00
EHLERS HEATING & AIR CONDITIONING		Invoice Amount:	\$169.00
INV# 76663 STATION 3 DIAGNOSTIC FEE / EVAP		Check Date:	08/23/2022
101-336-930.000	INV# 76663 DIAGNOSTIC FEE		169.00
ETNA SUPPLY		Invoice Amount:	\$(102.00)
S104668427.004 CREDIT RETURN MUELLER 680		Check Date:	08/23/2022
592-537-757.000	CREDIT - RETURN COMB DRILL & TAP		(102.00)
ETNA SUPPLY		Invoice Amount:	\$448.00
7/28/22 #S104668427.003 OPERATIONAL SUPPL		Check Date:	08/23/2022
592-537-757.000	MUELLER B101 SMALL SADDLE GASKET		16.00
592-537-757.000	MUELLER 1 COMB DRILL & TAP		432.00
ETNA SUPPLY		Invoice Amount:	\$41.41
7/28/22 #S104668427.002 OPERATIONAL SUPPL		Check Date:	08/23/2022
592-537-757.000	MUELLER TAPPING GREASE		31.00
592-537-757.000	S&H		10.41
ETNA SUPPLY		Invoice Amount:	\$210.00
S104460030 3/10/22		Check Date:	08/23/2022
592-537-757.000	3/10/22		210.00
FASTENAL COMPANY		Invoice Amount:	\$30.48
#119395 7/29/22		Check Date:	08/23/2022
101-701-757.000	HCS 3/8-16X1 1/2 Z5		20.42
101-701-757.000	3/8 SAE F/W Z		3.07
101-701-757.000	318 16 NYLOCK Z		6.99
FEDEX		Invoice Amount:	\$47.66
ELECTION PROGRAMMING - FED EX SHIPPMENT		Check Date:	08/23/2022
101-262-851.000	ELECTION PROGRAMMING		34.59
101-262-851.000	FUEL SURCHARGE		9.07
101-262-851.000	COURIER PICKUP CHARGE		4.00
FEDEX		Invoice Amount:	\$56.44
INV. 7-839-96488 8/3/2022 PACKAGE SHIPPED		Check Date:	08/23/2022
101-301-851.000	RMA CENTER/SARAH DRIELTS		56.44
FELLRATH, PATRICK		Invoice Amount:	\$97.50
MILEAGE REIMBURSEMENT JULY 2022		Check Date:	08/23/2022
592-537-861.000	MILEAGE REIMBURSEMENT JULY 2022		97.50
GDI Services Inc.		Invoice Amount:	\$210.00
INV#MIINV20209922 TOWNSHIP HALL COVER F		Check Date:	08/23/2022
101-265-822.000	INV#MIINV20209922 COVER FOR DAVE HAACK		210.00
GFL Environmental USA, Inc.		Invoice Amount:	\$108,017.65
56664433 JUL 2022 - RESIDENTIAL COLLECTION		Check Date:	08/23/2022
596-528-815.000	JUL 2022 TRASH		69,904.25
596-528-815.000	JUL 2022 RECYCLING		19,412.90

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

	596-528-815.000	JUL 2022 YARD WASTE	18,700.50
GFL Environmental USA, Inc.		Invoice Amount:	\$5,511.51
1661574- JUL 2022 RESIDENTAL YARD WASTE D		Check Date:	08/23/2022
596-528-815.000	204.13 TONS @ 27.00/TON - JUL 2022		5,511.51
GFL Environmental USA, Inc.		Invoice Amount:	\$225.00
#0056677814 DPW RECYCLE CENTER		Check Date:	08/23/2022
596-528-816.000	07/25/22 - CARDBOARD/PAPER		225.00
Great Lakes Ace Hardware		Invoice Amount:	\$36.09
INV# 8229/876 PUSH BROOM FOR E 2		Check Date:	08/23/2022
101-336-757.000	INV # 8229/876 PUSH BROOM		36.09
Great Lakes Ace Hardware		Invoice Amount:	\$32.00
7/29/22 OPERATIONAL SUPPLIES - MISC FASTEN		Check Date:	08/23/2022
592-537-757.000	MISC FASTNERS		13.20
592-537-757.000	MISC FASTNERS		3.00
592-537-757.000	MISC FASTNERS		15.80
GreatAmerica Financial Services		Invoice Amount:	\$457.03
SHARP COPIER - STANDARD PAYMENT, SUPPLY F		Check Date:	08/23/2022
101-262-940.000	STANDARD PAYMT INV32167		100.00
101-215-940.000	STANDARD PAYMT INV32167		357.03
GreatAmerica Financial Services		Invoice Amount:	\$505.47
SHARP COPIER - STANDARD PAYMENT, SUPPLY F		Check Date:	08/23/2022
101-262-940.000	STANDARD PAYMT		100.00
101-215-940.000	STANDARD PAYMT		405.47
Great Lakes Water Authority		Invoice Amount:	\$455,320.85
GLWA - JUNE 2022 WATER USAGE		Check Date:	08/23/2022
592-538-829.000	WATER USAGE CHARGE		221,220.85
592-538-829.000	WATER FIXED MONTHLY CHARGE		234,100.00
HUBBELL, ROTH, & CLARK, INC.		Invoice Amount:	\$1,014.04
WATERMAIN AA RD STUDY		Check Date:	08/23/2022
592-537-970.000	WATERMAIN AA RD STUDY		1,014.04
HYDRO CORP		Invoice Amount:	\$1,851.00
CROSS CONNECTION CONTROL PROGRAM JULY		Check Date:	08/23/2022
592-537-826.000	CROSS CONNECTION PROGRAM JULY 2022		1,851.00
HYDRO CORP		Invoice Amount:	\$7,734.00
CROSS CONNECTION - RESIDENTIAL PROGRAM J		Check Date:	08/23/2022
592-537-826.000	CROSS CONNECTION - RESIDENTIAL JULY 22		7,734.00
IRON MOUNTAIN		Invoice Amount:	\$267.33
IRON MOUNTAIN STORAGE		Check Date:	08/23/2022
101-215-801.000	GTKB317 INVOICE STORAGE 8/1/22 -8/31/22		267.33
J & B MEDICAL SUPPLY INC		Invoice Amount:	\$338.43
ORDER # 700075 MEDICAL SUPPLIES		Check Date:	08/23/2022
101-336-773.000	MEDSOURCE OVER-THE-EAR NASAL CANNULA,		29.00
101-336-773.000	M-LNCS SPO2 SENSOR - PEDIATRIC, 18", ADH		112.20
101-336-773.000	SAFEGRIP POWDER-FREE LATEX GLOVES, LAR		121.38
101-336-773.000	SAFEGRIP POWDER-FREE LATEX GLOVES, X-LA		75.85

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

KNIGHT TECHNOLOGY GROUP, INC.

BUILD NEW VIRTUAL TREND SERVER

101-261-831.000

BUILD NEW VIRTUAL TREND SERVER

Invoice Amount:

\$350.00

Check Date:

08/23/2022

350.00

KNIGHT TECHNOLOGY GROUP, INC.

FIREWALL MONITORING AUG 2022 - INVOICE#

101-261-831.000

FIREWALL MONITORING - AUGUST 2022

Invoice Amount:

\$150.00

Check Date:

08/23/2022

150.00

KNIGHT TECHNOLOGY GROUP, INC.

DATTO CLOUD BACKUP SUBSCRIPTION FOR 202

101-261-831.000

CLOUD BACKUP MONTHLY SUBSCRIPTION-202

Invoice Amount:

\$1,500.00

Check Date:

08/23/2022

1,500.00

KONICA MINOLTA BUSINESS SOLUTIONS

KONICA MINOLTA BIZ HUB C250I DPW

592-537-970.000

KONICA MINOLTA BIZ HUB C250I DPW

Invoice Amount:

\$3,009.73

Check Date:

08/23/2022

3,009.73

KONICA MINOLTA BUSINESS SOLUTIONS

KONICA MINOLTA #281605248 7/31/22

101-171-934.000

KONICA MINOLTA - C454E MAINT

101-228-934.000

KONICA MINOLTA - MAINT TO

101-701-934.000

KONICAL MINOLTA - MAINT

596-528-934.000

KONICA MINOLTA - MAINT.

592-536-934.000

KONICA MINOLTA - MAINT

Invoice Amount:

\$206.41

Check Date:

08/23/2022

43.35

8.26

10.32

10.32

134.16

KONICA MINOLTA BUSINESS SOLUTIONS

KONICA MINOLTA #9008763830 COVERAGE PER

101-171-934.000

KONICA MINOLTA - C454E COVERAGE

101-228-934.000

KONICA MINOLTA - COVERAGE

101-701-934.000

KONICAL MINOLTA - COVERAGE

596-528-934.000

KONICA MINOLTA - COVERAGE

592-536-934.000

KONICA MINOLTA - COVERAGE

Invoice Amount:

\$62.98

Check Date:

08/23/2022

13.23

2.52

3.15

3.15

40.93

KONICA MINOLTA BUSINESS SOLUTIONS

INV. 9008748514 7/25/2022 MAINT. AGREEMEN

101-301-934.000

6/26/2022 - 7/25/2022 COVERAGE DATES

Invoice Amount:

\$96.38

Check Date:

08/23/2022

96.38

KONICA MINOLTA BUSINESS SOLUTIONS

PRINTER/COPIER - SUPERVISOR/BOARD PACKET

101-171-934.000

7/22 USE SUPERVISOR (2/3)

101-215-934.000

7/22 USE CLERK (1/3)

Invoice Amount:

\$62.98

Check Date:

08/23/2022

41.57

21.41

KSS Enterprises

FY2022 BLANKET PO - FOR PARK SUPPLIES -- AT

101-751-775.000

FY2022 BLANKET PO INV # 1404174

Invoice Amount:

\$783.30

Check Date:

08/23/2022

783.30

LB Office

(3) CHAIRS FOR ASSESSING DEPT. - INV. # 0484

101-257-757.000

TASK CHAIRS, MESH BLACK W/ARMS

Invoice Amount:

\$1,365.00

Check Date:

08/23/2022

1,365.00

M H R BILLING SERVICES

MONTHLY BILLING FEE INV # 4208

101-336-825.000

M H R MONTHLY BILLING FEE INV # 4208

Invoice Amount:

\$1,377.00

Check Date:

08/23/2022

1,377.00

MacAllister Rentals

R86475735501 8/2/2022

592-537-757.000

1000-2500 WAT GENERATOR GAS

592-537-757.000

LABOR

Invoice Amount:

\$1,349.00

Check Date:

08/23/2022

1,299.00

50.00

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

MAIN STREET AUTO WASH		Invoice Amount:	\$535.00
JULY CAR WASHES 2022		Check Date:	08/23/2022
101-301-863.000	Police Vehicles		485.00
101-336-863.000	Fire Admin. Vehicles		25.00
101-371-863.000	Building Vehicles		25.00
MARCH TIRE CO., INC.		Invoice Amount:	\$931.82
BRAKE REPLACEMENT AND TUNEUP OF BRAKE S		Check Date:	08/23/2022
101-751-863.000	BRAKE REPLACEMENT #060886		931.82
MCKENNA ASSOCIATES INC		Invoice Amount:	\$2,038.00
PROFESSIONAL SERVICES JUNE 2022- 90047-70		Check Date:	08/23/2022
101-701-804.000	PROFESSIONAL SERVICES SENIOR & ASST. PL		598.00
101-701-804.000	#2445-LOT SPLIT REVIEW #1 -11211 HAGGER		200.00
101-701-804.000	2447-LOT SPLIT REVIEW #1 -8837 CORINNE R		200.00
101-701-804.000	#2271-LANDSCAPE REVIEW-QUICK PASS CAR		350.00
101-701-804.000	#2381-LANDSCAPE INSP #1 - AMAZON		350.00
101-701-804.000	ASST PLANNER - PARKING RIGHT MEMO PREP		340.00
MCKENNA ASSOCIATES INC		Invoice Amount:	\$4,770.50
PROFESSIONAL SERVICES - JULY 2022 - INVOI		Check Date:	08/23/2022
101-701-804.000	11.20 - 1/2 DAY ON-SITE SERVICE		4,256.00
101-701-804.000	.70 - FULL DAY ON-SITE SERVICE		514.50
MICHIGAN CAT		Invoice Amount:	\$2,629.31
MICHIGAN CAT - CATAPILLAR 420D #13754580		Check Date:	08/23/2022
592-537-931.000	MCAT SERVICE INVOICE		2,629.31
M M L WORKER'S COMPENSATION FUND		Invoice Amount:	\$23,387.00
WORKERS COMP POLICY PREMIUM 7/1/22-6/30/		Check Date:	08/23/2022
588-596-720.000	TRANSPORTATION SYSTEM FUND		521.74
592-537-720.000	WATER OPERATIONS-PUBLIC WORKS		2,588.03
101-336-720.000	FIREFIGHTERS		9,463.39
101-301-720.000	POLICE		6,441.54
101-325-720.000	DISPATCH		1,809.71
101-351-720.000	JAIL/CORRECTIONS		229.81
592-536-720.000	DPS-CLERICAL OFFICE WORKERS		322.93
101-171-720.000	SUPERVISOR		162.44
101-228-720.000	INFORMATION SERVICES		81.22
101-215-720.000	CLERK		356.91
101-191-720.000	ACCOUNTING		118.97
101-262-720.000	ELECTIONS		81.22
101-253-720.000	TREASURER		162.44
101-265-720.000	TWP HALL/GROUNDS		81.22
596-528-720.000	RUBBISH COLLECTION		81.22
101-101-720.000	ELECTED OFFICIALS-BOARD		37.63
101-371-720.000	BUILDING		249.69
101-751-720.000	PARKS & RECREATION		596.89
MICHIGAN, STATE OF		Invoice Amount:	\$13.00
NEW MUNICIPAL "X" PLATE TO REPLACE PLATE		Check Date:	08/23/2022
101-301-863.000	LICENSE PLATE REPLACEMENT		13.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$88.35
#473491 8/5/22 UNIFORM CLEANING SERVICES		Check Date:	08/23/2022
592-537-767.000	8/5/22 UNIFORM CLEANING SERVICES - FEE		88.35

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VENDOR INFORMATION

INVOICE INFORMATION

MICHIGAN LINEN SERVICE		Invoice Amount:	\$88.35
#473103 7/29/22 UNIFORM CLEANING SERVICES		Check Date:	08/23/2022
592-537-767.000	7/29/22 UNIFORM CLEANING SERVICES - FEE		88.35
MICHIGAN LINEN SERVICE		Invoice Amount:	\$2,722.33
#473273 8/2/22 UNIFORMS FOR PARKS AND DP		Check Date:	08/23/2022
101-751-767.000	2300 TSHIRTS PARKS		666.07
592-537-767.000	2300 TSHIRTS DPW		836.46
101-751-767.000	LS T SHIRTS 2410 PARKS		74.84
101-751-767.000	100504 CARHARTT HI VIS PARKS		760.00
101-751-767.000	18500 HOODIE PARKS		101.76
101-751-767.000	CP80 PARKS		132.00
101-751-767.000	C112EO PARKS		151.20
MICHIGAN LINEN SERVICE		Invoice Amount:	\$57.50
INV. 471873 7/7/2022 PRISONER BLANKET CLEA		Check Date:	08/23/2022
101-351-822.000	BLANKET CLEANING		45.50
101-351-822.000	ENVIRONMENTAL FEE		8.00
101-351-822.000	TEMPORARY FUEL SURCHARGE		4.00
MICHIGAN LINEN SERVICE		Invoice Amount:	\$47.00
INV. 472724 7/21/2022 PRISONER BLANKET CLE		Check Date:	08/23/2022
101-351-822.000	BLANKET CLEANING		35.00
101-351-822.000	ENVIRONMENTAL FEE		8.00
101-351-822.000	TEMPORARY FUEL SURCHARGE		4.00
OBSERVER & ECCENTRIC NEWSPAPERS		Invoice Amount:	\$1,520.67
ELECTION NOTICE /ACCURACT TEST/ NOTICE O		Check Date:	08/23/2022
101-262-901.000	CANTON OB NOTICE OF ELECTION PO# 87892		86.88
101-262-901.000	PLYMOUTH OB ELECTION NTC INV# 00048226		86.88
101-262-901.000	CANTON OB PUB ACCURACY TEST PO#878928		21.72
101-262-901.000	PLYMOTH PUB ACCURACY TST INV#00048226		21.72
101-737-901.000	CANTONOB 9076 GENERAL DR NTC PO#87893		54.30
101-737-901.000	PLYMOUTH 9076 GENERAL DR INV#00048226		54.30
101-737-901.000	CANTONOB 41661 PLYMOUTH DR NT PO#8789		54.30
101-737-901.000	PLYMOUTH OB 41661 PLYMOUTH NTC 004822		54.30
101-262-901.000	PLYMUTH OB PRIMARY ELECTION PO#878930		114.03
101-262-901.000	CANTONOB PRIMARY ELECTION INV#0004822		114.30
101-737-901.000	PLYMOUTH BIGBY COFFEE PO#8780315		54.30
101-737-901.000	CANTONOB BIGBY COFFEE INV#0004822690		54.30
101-737-901.000	PLYMOUTH SLUP ROOTS PO#8789316		76.02
101-737-901.000	CANTONOB SLUP ROOTS INV#0004822690		76.02
101-737-901.000	PLYM OB PLYMOUTH RIDGE JULY PO#8989317		86.88
101-737-901.000	CANTONOB PLYMOUTH RIDGE INV#00043226		86.88
101-737-901.000	PLYM OB ZBA AUG 4, 2022 PO# 8789360		32.58
101-737-901.000	CANTON OB ZBA AUG 4, 22 INV#0004822690		32.58
101-737-901.000	PLYM OB GOLFVIEW PRK SIDEWLK PO#87893		86.88
101-737-901.000	CTN OB GOLFVIEW P SIDEWLK INV#00048226		86.88
101-737-901.000	PLYM OB SIDEWALK GAPS 2022 PO#8789444		92.31
101-737-901.000	CTN OB SIDEWALK GAP 2022 INV#000482269		92.31
OFFICE DEPOT		Invoice Amount:	\$301.57
INV. 256744633001 7/29/2022 OFFICE SUPPLIES		Check Date:	08/23/2022
101-301-752.000	HP80A TONER		84.81
101-301-752.000	DYMO LABELER		216.76

Charter Township of Plymouth

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INVOICE INFORMATION

OFFICE DEPOT			Invoice Amount:	\$36.58
INV. 256600886001 7/19/2022 OFFICE SUPPLIES			Check Date:	08/23/2022
	101-301-752.000	G2 GEL PEN		36.58
OFFICE DEPOT			Invoice Amount:	\$52.99
OFFICE SUPPLIES			Check Date:	08/23/2022
	101-253-752.000	LABEL MAKER P-TOUCH PTD210		0.00
	101-253-752.000	CANON P23-DHV PRINTING CALCULATOR		52.99
OFFICE DEPOT			Invoice Amount:	\$279.46
JULY 2022 OFFICE SUPPLY ORDER			Check Date:	08/23/2022
	101-371-752.000	ATIVA 12 SHEET CUT SHREDDER		279.46
OFFICE DEPOT			Invoice Amount:	\$148.74
JULY OFFICE SUPPLIES			Check Date:	08/23/2022
	592-536-752.000	5 X 8 INDEX CARDS		5.58
	592-536-752.000	BLCK TONER CARTRIDGE		123.70
	592-536-752.000	PENS BLUE		19.46
OFFICE DEPOT			Invoice Amount:	\$20.51
INV. 256600325001 7/20/2022 OFFICE SUPPLIES			Check Date:	08/23/2022
	101-301-752.000	INKJOY PENS		14.74
	101-301-752.000	SUPERGLUE		5.77
OFFICE DEPOT			Invoice Amount:	\$35.38
LABELS ELECTION AND OFFICE			Check Date:	08/23/2022
	101-262-752.000	AVERY NAME BADGES		35.38
OFFICE DEPOT			Invoice Amount:	\$350.59
ELECTION SUPPLIES TONER , PENS			Check Date:	08/23/2022
	101-262-752.000	HP 80X HIGH YIELD TONER		350.59
OFFICE DEPOT			Invoice Amount:	\$75.87
LABELS ELECTION AND OFFICE			Check Date:	08/23/2022
	101-262-752.000	AVERY FULL SHEET LABELS		42.45
	101-215-752.000	AVERY LABEL 6876		33.42
OFFICE DEPOT			Invoice Amount:	\$516.48
ELECTION SUPPLIES TONER , PENS			Check Date:	08/23/2022
	101-262-752.000	PAPER MATE FLAIR PENS		428.96
	101-215-752.000	PAPER CLIPS		1.89
	101-215-752.000	TUL PENS BLUE		22.22
	101-215-752.000	ALLIANCE RUBBER BANDS		2.17
	101-262-752.000	HEAVY DUTY BINDER RED		39.40
	101-215-752.000	3 RING BINDER		21.84
OFFICE DEPOT			Invoice Amount:	\$64.01
OFFICE SUPPLIES ORDER # 256695435-001			Check Date:	08/23/2022
	101-336-752.000	BOSTITCH POWER CROWN STAPLES		1.80
	101-336-752.000	STAMP		8.13
	101-336-752.000	AVERY TABS		26.90
	101-336-752.000	RED BINDER		6.22
	101-336-752.000	GREEN BINDER		4.88
	101-336-752.000	BLACK BINDER		4.50
	101-336-752.000	SCISSORS		11.58

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INVOICE INFORMATION

OFFICE DEPOT

DESKTOP ORGAINIZER ELECTION RECEIVING BO

101-262-752.000
101-215-752.000

DESKTOP ORGANIZER
STANDARD STAPLES

Invoice Amount: **\$52.33**
Check Date: **08/23/2022**
48.56
3.77

OAKLAND COUNTY

CLEMIS PROGRAM FEES C1004394 APR-JUN 2022

101-336-831.000
101-336-831.000

FRMS DEPT FEE INV# C1004394
FRMS FIRE HALL FEE

Invoice Amount: **\$1,755.25**
Check Date: **08/23/2022**
1,365.25
390.00

PELTZ SODDING

#196842 8/1/22

592-537-938.000
592-537-938.000
592-537-938.000

SOD 200494
SOD 200580
PALLETS WITH DEPOSIT

Invoice Amount: **\$557.30**
Check Date: **08/23/2022**
51.30
456.00
50.00

Penumbra, LLC

INV. 000084 6/28/2022 "THROUGH THE LENS - V

101-301-958.000

DETECTIVE WILDER - AUG. 4 & 5, 2022

Invoice Amount: **\$395.00**
Check Date: **08/23/2022**
395.00

PLYMOUTH RUBBER & TRANSMISSION

#0263816 4/28/22

592-537-757.000
592-537-757.000
592-537-757.000
592-537-757.000
592-537-757.000
592-537-757.000

MILL HOSE 2.5 X 100
CAMLOCK 2.5 F X HOSE BARB
SMOOTH CLAMP BAND
CAMLOCK 2.5 MXFP
CAMLOCK 205 MXMP
SEAL TAPE PTFE 1/2 X 260

Invoice Amount: **\$241.22**
Check Date: **08/23/2022**
91.00
97.80
21.20
13.38
16.93
0.91

CHARTER TWSP OF PLYMOUTH

SENIOR TRANSPORTATION - JULY 2022

101-673-860.000

SENIOR TRANS 7/22

Invoice Amount: **\$3,354.64**
Check Date: **08/23/2022**
3,354.64

PLYMOUTH-CANTON COMMUNITY SCHOOLS

INV#003941 JULY FUEL INVOICE BUILDING DEPA

101-371-759.000

INV#003941 JULY FUEL INVOICE

Invoice Amount: **\$474.80**
Check Date: **08/23/2022**
474.80

PLYMOUTH-CANTON COMMUNITY SCHOOLS

INV # 003941 JULY FUEL INVOICE

101-336-759.000

INV # 003941 JULY FUEL

Invoice Amount: **\$1,420.87**
Check Date: **08/23/2022**
1,420.87

PLYMOUTH-CANTON COMMUNITY SCHOOLS

INV. 003941 8/10/2022 - JULY FUEL

101-301-759.000
101-325-759.000

PATROL VEHICLES
PSA VEHICLE

Invoice Amount: **\$8,706.20**
Check Date: **08/23/2022**
8,608.44
97.76

PRINTING SYSTEMS INC

ELECTION SUPPLIES - VOTER REGISTRATION FO

101-262-757.000
101-262-757.000
101-262-757.000
101-262-757.000
101-262-757.000

548 MICH VOTER REGISTRATION W/SIGNATU
860 BLANK - CANCELLATION NOTICE - PINK
VOTER ID/VOTER INFO CARDS
541 QVF MASTER CARDS (BLANK)
SHIPPING

Invoice Amount: **\$1,055.34**
Check Date: **08/23/2022**
358.75
96.00
322.78
207.00
70.81

PRINTING SYSTEMS INC

ELECTION SUPPLIES - APPLICATIONS TO VOTE &

101-262-757.000

677 APPLICATIONS TO VOTE

Invoice Amount: **\$562.23**
Check Date: **08/23/2022**
75.00

Charter Township of Plymouth

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INVOICE INFORMATION

	101-262-757.000	454-O AV BALLOT INSTRUCTION SHEETS	430.50
	101-262-757.000	SHIPPING	56.73
PRINTING SYSTEMS INC		Invoice Amount:	\$1,914.02
ELECTION SUPPLIES - AV OUTER ENVELOPES		Check Date:	08/23/2022
	101-262-900.000	593 AV BALLOT OUTER ENVELOPES	1,815.94
	101-262-900.000	SHIPPING	98.08
PRINTING SYSTEMS INC		Invoice Amount:	\$1,584.57
ELECTION SUPPLIES - AV RETURN ENVELOPES		Check Date:	08/23/2022
	101-262-900.000	695 AV BALLOT RETURN ENVELOPES	1,478.57
	101-262-900.000	SHIPPING	106.00
PRINTING SYSTEMS INC		Invoice Amount:	\$2,220.96
ELECTION SUPPLIES - AV APPLICATION POSTCA		Check Date:	08/23/2022
	101-262-900.000	587 SINGLE AV APPLICATION POSTCARDS	2,001.04
	101-262-900.000	POST OFFICE DELIVERY FEE	93.00
	101-262-900.000	SHIPPING	126.92
PRINTING SYSTEMS INC		Invoice Amount:	\$2,478.65
ELECTION SUPPLIES - CUSTOM VOTER ID/INFO		Check Date:	08/23/2022
	101-262-900.000	VOTER ID/INFO CARDS WITH MAILING	2,478.65
PRINTING SYSTEMS INC		Invoice Amount:	\$200.95
ELECTION SUPPLIES - PROVISIONAL BALLOT FO		Check Date:	08/23/2022
	101-262-757.000	620 PROVISIONAL BALLOT FORM/ENVELOPE	187.50
	101-262-757.000	SHIPPING	13.45
PRINTING SYSTEMS INC		Invoice Amount:	\$310.94
ELECTION SUPPLIES - E POLL BOOK, AV POLL B		Check Date:	08/23/2022
	101-262-757.000	490 ELECTRONIC POLL BOOK	49.00
	101-262-757.000	783 AV POLL BOOK W/MULTIPLE PRECINCTS	76.00
	101-262-757.000	801 I VOTED STICKERS	39.00
	101-262-757.000	650 VAT BALLOT STORAGE ENVELOPE	25.50
	101-262-757.000	448 BINDERS FOR APPLICATION TO VOTE	28.50
	101-262-757.000	677 APPLICATION TO VOTE PADS	75.00
	101-262-757.000	SHIPPING	17.94
PRINTING SYSTEMS INC		Invoice Amount:	\$147.80
ELECTION SUPPLIES - PRECINCT DELEGATE WRI		Check Date:	08/23/2022
	101-262-757.000	PRECINCT DELEGATE WRITE-IN FORM	35.00
	101-262-757.000	CI/TWP/VILLAGE PROPOSAL PETITION	19.50
	101-262-757.000	COUNTYWIDE PROPOSAL PETITION	19.50
	101-262-757.000	QUALIFYING PETITION (COUNTYWIDE)	19.50
	101-262-757.000	NOMINATING PETITION (COUNTYWIDE) NONP	19.50
	101-262-757.000	NOMINATING PETITION (COUNTYWIDE) PART	19.50
	101-262-757.000	SHIPPING	15.30
PRIORITY ONE EMERGENCY		Invoice Amount:	\$227.97
INV # 70086453 PANTS CLASS A /BIGGER		Check Date:	08/23/2022
	101-336-767.000	INV# 70086453 CLASS A PANTS	197.97
	101-336-767.000	HEMMING	30.00
PROVANTAGE, LLC		Invoice Amount:	\$873.00
DELL ULTRASHARP 27" MONITORS (2) U2722D		Check Date:	08/23/2022
	101-253-757.000	DELL ULTRASHARP 27" MON U2722D	834.00
	101-253-757.000	SHIPPING	39.00

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INVOICE INFORMATION

RITTER GIS, IIC		Invoice Amount:	\$1,000.00
CITYWORKS GIS/AMS SPECIALIST JULY 22		Check Date:	08/23/2022
592-537-803.000	CITYWORKS GIS/AMS SPECIALIST JULY 22		1,000.00
SEMCOG		Invoice Amount:	\$3,489.00
2022 MEMBERSHIP DUES (PER J. VORVA) (INV. R		Check Date:	08/23/2022
101-261-957.000	2022 MEMBERSHIP DUES		3,489.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$163.75
INV#68323 FIRE STATION 2 JULY 2022 FERTILIZ		Check Date:	08/23/2022
101-336-821.000	INV#68323 FIRE 2 JULY 2022 FERT/BED CARE		163.75
SERENE LANDSCAPE GROUP		Invoice Amount:	\$137.50
INV#68324 FIRE STATION 3 JULY 2022 FERTILIZ		Check Date:	08/23/2022
101-336-821.000	INV#68324 FIRE 3 JULY 2022 FERT/BED CARE		137.50
SERENE LANDSCAPE GROUP		Invoice Amount:	\$100.00
INV#68325 FRIENDSHIP STATION JULY 2022 FER		Check Date:	08/23/2022
101-673-821.000	INV#68325 FRIENDSHIP STAT JULY 2022 FERT.		100.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$326.25
INV#68326 MILLER PARK JULY 2022 FERTILIZAT		Check Date:	08/23/2022
101-751-821.000	INV#68326 MILLER PARK 2022 FERT-BED CAR		326.25
SERENE LANDSCAPE GROUP		Invoice Amount:	\$152.50
INV#68327 PLYMOUTH POINTE PARK JULY 2022		Check Date:	08/23/2022
101-751-821.000	INV#68327 PLYMOUTH POINT PARK JULY 202		152.50
SERENE LANDSCAPE GROUP		Invoice Amount:	\$106.75
INV#68328 DPW JULY 2022 FERTILIZATION/BED		Check Date:	08/23/2022
592-537-821.000	INV#68328 DPW JULY 2022 FERT-BED CARE		106.75
SERENE LANDSCAPE GROUP		Invoice Amount:	\$562.50
INV#68329 LAKE POINTE SOCCER PARK JULY 20		Check Date:	08/23/2022
101-751-821.000	INV#68329 JULY 2022 FERT/BED CARE		562.50
SERENE LANDSCAPE GROUP		Invoice Amount:	\$183.75
INV#68330 BRENTWOOD PARK JULY 2022 FERTI		Check Date:	08/23/2022
101-751-821.000	INV#68330 BRENTWOOD PARK JULY 2022 FER		183.75
SERENE LANDSCAPE GROUP		Invoice Amount:	\$1,548.75
INV#68331 PLYMOUTH TOWNSHIP PARK JULY 2		Check Date:	08/23/2022
101-751-821.000	INV#68331 PLY TWP PARK JULY 2022 FERT.		1,548.75
SITE ONE LANDSCAPE SUPPLY		Invoice Amount:	\$384.46
FOR IRRIGATION REPAIRS. 8/2/22 #122021976-		Check Date:	08/23/2022
592-537-931.000	IRRIGATION REPAIRS		384.46
SUPERIOR MEDICAL WASTE		Invoice Amount:	\$180.00
INV # 21163 MEDICAL WASTE DISPOSAL STA 1,		Check Date:	08/23/2022
101-336-773.000	INV # 21163 MEDICAL WASTE DISPOSAL		180.00
TARGET SOLUTIONS LEARNING, LLC		Invoice Amount:	\$2,598.00
INV# 55289 VECTOR/ TARGET SOLUTION MEMB		Check Date:	08/23/2022
101-336-831.000	INV# 55289 MAINTENANCE FEE		195.00
101-336-831.000	TARGER SOLUTION MEMBERSHIP		2,403.00

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TOWN LOCKSMITH		Invoice Amount:	\$114.90
REPLACE CAM LOCK ON BALLOT BOX		Check Date:	08/23/2022
101-262-757.000	SVC REPLACE LOCK ON BALLOT BOX		114.90
USA Bio Care LLC		Invoice Amount:	\$200.00
INV. 03012288 8/6/2022 DECONTAMINATION OF		Check Date:	08/23/2022
101-351-822.000	BIO-HAZARD CLEANING OF JAIL CELL		200.00
USA Bio Care LLC		Invoice Amount:	\$125.00
INV. 03012290 8/8/2022 DECONTAMINATION OF		Check Date:	08/23/2022
101-301-822.000	BIO-HAZARD CLEANING OF POLICE VEHICLE		125.00
UPPER LEVEL GRAPHICS		Invoice Amount:	\$445.00
INV. 23270 7/27/2022 WORK ON UNIT 22-1 - UP		Check Date:	08/23/2022
262-310-970.000	DIGITAL GRAPHICS ON 2022 EXPLORER		445.00
Victory Lane Quick Oil Change		Invoice Amount:	\$106.38
INV# 00903-126 OIL CHANGE 2016 FORD EXPLO		Check Date:	08/23/2022
101-336-863.000	INV# 00903-126 OIL CHANGE		106.38
Vorva, Jerry		Invoice Amount:	\$158.13
07/2022 ELECTION MILEAGE REIMBURSEMENTS		Check Date:	08/23/2022
101-262-861.000	MILEAGE 7/22 ELECTION		158.13
UPRIGHT FENCE		Invoice Amount:	\$3,500.00
INV. 48173 8-8-2022 9' HIGH CHAIN LINK CAGE		Check Date:	08/23/2022
265-311-757.000	SUPPLY & INSTALL 9' CHAIN LINE CAGE		3,500.00
UPRIGHT FENCE		Invoice Amount:	\$10,260.00
CONTRACT - SPLIT RAILS - SUPPLY & INSTALL 3		Check Date:	08/23/2022
101-751-970.000	PO #48172 SPLIT RAILS 350 LF		8,860.00
101-751-970.000	PO #48172 - LABOR		1,400.00
Total Amount to be Disbursed:			\$991,617.04

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INVOICE INFORMATION

ALERUS FINANCIAL

MERS-457 PLAN - ALL EMPLOYEES 8-12-22 PAYD

101-000-239.000

457 CONT. PRE-TAX

101-000-239.000

457 CONT. ROTH POST-TAX

101-000-239.000

457 CONT. LOANS

Invoice Amount:

\$22,589.60

Check Date:

08/17/2022

21,321.50

1,070.42

197.68

ALERUS FINANCIAL

MERS-DC FT EMPLOYEE CONTRIBUTIONS 8-12-

101-000-238.000

MERS EMPLOYEE PRE TAX

101-000-238.000

MERS EMPLOYEE POST TAX

101-000-238.000

LOANS

Invoice Amount:

\$9,890.94

Check Date:

08/17/2022

8,085.60

1,109.61

695.73

ALERUS FINANCIAL

MERS - DC FT EMPL. -- EMPLOYER CONT 8-12-22

101-171-716.000

SUPERVISOR

101-191-716.000

FINANCE

101-215-716.000

CLERK

101-228-716.000

INFORMATION SYSTEMS

101-253-716.000

TREASURER

101-265-716.000

BUILDING & GROUNDS

101-301-716.000

POLICE

101-325-716.000

DISPATCH

101-336-716.000

FIRE

101-351-716.000

LOCK UP

101-371-716.000

BUILDING DEPT

588-596-716.000

TRANSPORTATION

592-536-716.000

PUBLIC SERVICES

592-537-716.000

PUBLIC WORKS

596-528-716.000

RUBBISH

101-262-716.000

ELECTIONS

Invoice Amount:

\$28,923.60

Check Date:

08/17/2022

1,045.15

925.80

1,364.77

600.77

1,291.87

263.14

6,665.72

2,274.48

7,004.12

301.28

1,536.74

245.91

909.34

3,840.47

348.64

305.40

AMERITAS LIFE INSURANCE CORP.

AMERITAS-RETIREE-DENTAL- AUGUST 2022 -- P

101-261-875.000

GENERAL RETIREES

101-301-875.000

POLICE RETIREES

101-325-875.000

DISPATCH RETIREE

101-336-875.000

FIRE RETIREES

592-536-875.000

PUBLIC SERVICES RETIREE

592-537-875.000

DPW RETIREES

Invoice Amount:

\$4,751.92

Check Date:

08/17/2022

685.72

1,310.20

66.28

2,155.20

35.28

499.24

ADP INC

ADP - JULY 2022 - # 611953267 (DETAILS ATT

101-261-831.000

JULY 2022 - # 611953267

Invoice Amount:

\$4,507.61

Check Date:

08/17/2022

4,507.61

C.O.A.M. - PLYMOUTH TOWNSHIP

COAM UNION DUES -JULY 2022 (DETAILS ATTAC

101-000-240.305

MICHAEL FRITZ

101-000-240.305

JASON HAYES

101-000-240.305

MARC HOFFMAN

101-000-240.305

BRYAN RUPARD

101-000-240.305

SCOTT TIDERINGTON

Invoice Amount:

\$395.70

Check Date:

08/17/2022

79.14

79.14

79.14

79.14

79.14

Carlisle Wortman Associates

BD Bond Refund

101-371-283.019

BPRE22-0020 - PB22-0575

Invoice Amount:

\$360.00

Check Date:

08/17/2022

360.00

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INVOICE INFORMATION

Carlisle Wortman Associates			Invoice Amount:	\$630.00
BD Bond Refund			Check Date:	08/17/2022
	101-371-283.019	BPRE22-0021 - PB22-0583		630.00
Carlisle Wortman Associates			Invoice Amount:	\$240.00
BD Bond Refund			Check Date:	08/17/2022
	101-371-283.019	BPRE22-0023 - PB22-0642		240.00
Carlisle Wortman Associates			Invoice Amount:	\$120.00
BD Bond Refund			Check Date:	08/17/2022
	101-371-283.010	BTCO22-0037 - PB22-0302		120.00
Carlisle Wortman Associates			Invoice Amount:	\$390.00
BD Bond Refund			Check Date:	08/17/2022
	101-371-283.019	BPRE22-0012 - PB22-0435		390.00
Carlisle Wortman Associates			Invoice Amount:	\$360.00
BD Bond Refund			Check Date:	08/17/2022
	101-371-283.019	BPRE22-0015 - PB22-0513		360.00
Carlisle Wortman Associates			Invoice Amount:	\$360.00
BD Bond Refund			Check Date:	08/17/2022
	101-371-283.019	BPRE22-0024 - PB22-0647		360.00
Carlisle Wortman Associates			Invoice Amount:	\$270.00
BD Bond Refund			Check Date:	08/17/2022
	101-371-283.019	BPRE22-0022 - PB22-0605		270.00
COMCAST			Invoice Amount:	\$131.90
COMCAST HIGH SPEED INTERNET SEPT. 2022 - 9			Check Date:	08/17/2022
	101-261-852.000	HIGH SPEED INTERNET - 9/22		131.90
COMCAST			Invoice Amount:	\$231.75
INTERNET - AUGUST 2022-- ACCT 900913674			Check Date:	08/17/2022
	101-751-852.000	TOWNSHIP PARK		64.95
	101-336-852.000	FIRE		64.95
	101-351-852.000	VIDEO ARRAIGNMENT		101.85
CONSUMERS ENERGY			Invoice Amount:	\$148.92
MONTHLY CHARGES - AUGUST 2022 (DETAILS B			Check Date:	08/17/2022
	101-673-921.000	FRIENDSHIP STATION - 1000 257103478		20.55
	588-596-921.000	SENIOR TRANS 1000 2571-3478		1.31
	101-751-921.000	TWP. PARK 1000 257103262		20.72
	101-336-921.000	FIRE STATION #2 - 1000 2571-3403		106.34
P.O.A.M. - PLYMOUTH TOWNSHIP			Invoice Amount:	\$2,250.48
POAM & DISPATCH UNION DUES -AUGUST 2022			Check Date:	08/17/2022
	101-000-240.301	POAM UNION DUES @79.14		1,661.94
	101-000-240.325	DISPATCH UNION DUES		588.54
TEAMSTER LOCAL # 214			Invoice Amount:	\$537.00
TEAMSTER LOCAL #214 - AUGUST 2022 (DETAIL			Check Date:	08/17/2022
	101-000-240.592	BARTLETT, JAMES		64.00
	101-000-240.592	KITCHEN, SPENCER		61.00
	101-000-240.592	MELOW, STEVEN		64.00
	101-000-240.592	NELSON, DAVID		61.00
	101-000-240.592	OVERATTIS, JOSEPH		61.00

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

101-000-240.592	PUMPHREY, Z	61.00
101-000-240.592	SCHOLTEN, JAMES	61.00
101-000-240.592	THOMAS, JAMES	58.00
101-000-240.592	BUMP, CAMERON	46.00

TECHNICAL, PROFESSIONAL AND OFFICE-

TPOAM UNION DUES - AUGUST 2022 (DETAILS A
101-000-240.000

Invoice Amount: \$558.00
Check Date: 08/17/2022
TPOAM UNION DUES AUGUST 2022 558.00

WOW! BUSINESS

WOW -- AUGUST 2022 ACCT. # 012296705 (BRE
101-673-852.000
588-596-852.000

Invoice Amount: \$24.22
Check Date: 08/17/2022
SENIOR UTIL 22.77
SENIOR TRANS 1.45

TROWBRIDGE HOMES OF WOODLANDS

2022 Sum Tax Refund 78 042 03 0016 000
703-000-202.000

Invoice Amount: \$1,578.78
Check Date: 08/17/2022
Accounts Payable 1,578.78

Total Amount to be Disbursed: \$79,250.42

Charter Township of Plymouth AP Invoice Listing - Board Report

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INVOICE INFORMATION

BENNETT & DEMOPOULOS, PLLC

BD Bond Refund

101-371-283.015 BLF22-0009

Invoice Amount:

\$2,094.37

Check Date:

08/10/2022

2,094.37

COMCAST

FIRE INTERNET STATION 3 - AUGUST 2022 ACCT

101-336-852.000

FIRE INTERNET STATION 3 - AUGUST 2022

Invoice Amount:

\$294.85

Check Date:

08/10/2022

294.85

CONSUMERS ENERGY

MONTHLY CHGS - AUGUST 2022

101-171-921.000

SUPERVISOR

149.32

101-228-921.000

INFO SERVICES

125.99

101-257-921.000

ASSESSING

51.33

101-215-921.000

CLERK

213.34

101-253-921.000

TREASURER

76.99

101-301-921.000

POLICE

648.61

101-325-921.000

DISPATCH

242.64

101-336-921.000

FIRE DEPT

321.62

101-371-921.000

BUILDING

184.32

101-701-921.000

COMM DEVELOPMENT

14.00

101-751-921.000

PARK

62.36

596-528-921.000

UTILITIES-RUBBISH

7.00

592-537-921.000

POWER & PUMPING-DPW

20.72

592-536-921.000

DPW - WATER & SEWER

212.31

101-351-921.000

CORRECTIONS & JAIL

198.32

101-673-921.000

UTIL - SENIOR SERVICES

7.00

101-191-921.000

FINANCE

82.96

101-265-921.000

BUILDINGS AND GROUNDS

4.67

CONSUMERS ENERGY

MONTHLY CHGS - SEPTEMBER 2022 DPW ONLY

592-537-921.000

DPW-ACCT. # 1000-2645-6283

103.19

592-537-921.000

DPW - ACCT. 3 1000-2645-6408

23.00

CONSUMERS ENERGY

MONTHLY CHGS -JULY 2022 (ATTACHED) SERVI

592-537-921.000

ACCT #1000-6777-1970-- 47755 5 MI 7/22

15.00

DTE ENERGY

STREET LIGHTS - JULY 2022 -- ACCT # 9100-406

101-441-923.000

STREET LIGHTS - JULY 2022

5,247.23

MICHIGAN CONFERENCE OF TEAMSTERS

HEALTH INSURANCE JULY 2022 (DPW) - (5 WE

592-537-718.000

BARTLETT, JAMES

2,253.00

592-537-718.000

MELOW, STEVEN

2,253.00

592-537-718.000

OVERAITIS, JOSEPH

2,253.00

592-537-718.000

SCHOLTEN, JAMES

2,253.00

592-537-718.000

THOMAS, JAMES

2,253.00

592-537-718.000

NELSON, DAVID

2,253.00

592-537-718.000

PUMPHREY, ZACHARY

2,253.00

CHARTER TWSP OF PLYMOUTH

BD Bond Refund

101-371-283.005

BBD21-0046 - PSW21-0057

Invoice Amount:

\$1,860.00

Check Date:

08/10/2022

1,860.00

Charter Township of Plymouth
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VENDOR INFORMATION

INVOICE INFORMATION

SIMPLIFILE, LC		Invoice Amount:	\$51.25
BD Bond Refund		Check Date:	08/10/2022
	101-371-283.017 BSUE21-0010		51.25
VERIZON WIRELESS		Invoice Amount:	\$2,026.11
AUGUST 2022- WIRELESS MI DEAL ACCT # 986		Check Date:	08/10/2022
	101-371-850.000 BUILDING INSPECTOR		170.57
	101-265-850.000 BUILDING & GROUNDS		63.23
	101-262-850.000 ELECTIONS		182.58
	592-537-850.000 DPW		585.22
	101-336-850.000 FIRE DEPT		299.29
	101-228-850.000 IT SERVICES		74.34
	101-751-850.000 PARKS		97.31
	101-301-850.000 POLICE DEPT		402.47
	101-325-850.000 DISPATCH		44.39
	588-596-850.000 TRANSPORTATION		21.59
	596-528-850.000 RUBBISH		21.89
	101-253-850.000 TREASURY		63.23
WASTE MANAGEMENT		Invoice Amount:	\$886.10
0017827-1717-5 TWP FACILITIES TRASH COLLEC		Check Date:	08/10/2022
	101-336-824.000 FIRE STN 3 TRASH		26.95
	101-265-824.000 TWP HALL TRASH/RECYCLE		183.26
	592-537-824.000 DPW TRASH		73.30
	101-336-824.000 FIRE STN 2 TRASH		26.95
	101-673-824.000 FRIENDSHIP STATION TRASH		26.95
	101-751-824.000 TWP PARK TRASH/RECYCLE		306.00
	101-751-824.000 HILLTOP GOLF COURSE W/CONTAMINATION F		227.72
	101-265-824.000 LATE PAYMENT FEE		14.97
WESTERN TWNSPS UTILITIES AUTHORITY		Invoice Amount:	\$208,136.89
WTUA - JULY 2022 (SEE ATTACHED DETAILED B		Check Date:	08/10/2022
	592-538-828.000 Monthly Charges		198,515.68
	592-538-827.000 YUCA IPP-IWC		4,697.42
	592-537-757.000 Country Acres Pump Station		703.58
	592-000-181.000 Capital Improvement Program		4,220.21
WOW! BUSINESS		Invoice Amount:	\$10.00
POLICE DEPT. SERVICE CHGS - AUGUST 2022 AC		Check Date:	08/10/2022
	101-301-852.000 POLICE DEPT AUGUST 2022		10.00
AMI Group Holding LLC		Invoice Amount:	\$1,642.00
BD Bond Refund		Check Date:	08/10/2022
	101-371-283.016 BE22-0039		1,642.00
Total Amount to be Disbursed:			\$240,784.49

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INVOICE INFORMATION

ALERUS FINANCIAL

MERS - DC FT EMPL. -- EMPLOYER CONT. 7-29-2

101-171-716.000	SUPERVISOR	Invoice Amount:	\$28,903.07
101-191-716.000	FINANCE	Check Date:	08/03/2022
101-215-716.000	CLERK		1,045.15
101-228-716.000	INFORMATION SYSTEMS		925.80
101-253-716.000	TREASURER		1,364.77
101-265-716.000	BUILDING & GROUNDS		600.77
101-301-716.000	POLICE		1,291.87
101-325-716.000	DISPATCH		263.14
101-336-716.000	FIRE		6,665.72
101-351-716.000	LOCK UP		2,274.48
101-371-716.000	BUILDING DEPT		6,978.37
588-596-716.000	TRANSPORTATION		301.28
592-536-716.000	PUBLIC SERVICES		1,536.74
592-537-716.000	PUBLIC WORKS		245.91
596-528-716.000	RUBBISH		909.34
101-262-716.000	ELECTIONS		3,840.47
			348.64
			310.62

ALERUS FINANCIAL

MERS-457 PLAN - ALL EMPLOYEES 7-29-22 PAYD

101-000-239.000	457 CONT. PRE-TAX	Invoice Amount:	\$22,265.74
101-000-239.000	457 CONT. ROTH POST-TAX	Check Date:	08/03/2022
101-000-239.000	457 CONT. LOANS		21,462.59
			605.47
			197.68

ALERUS FINANCIAL

MERS-DC FT EMPLOYEE CONTRIBUTIONS 7-29-

101-000-238.000	MERS EMPLOYEE PRE TAX	Invoice Amount:	\$9,882.36
101-000-238.000	MERS EMPLOYEE POST TAX	Check Date:	08/03/2022
101-000-238.000	LOANS		8,077.02
			1,109.61
			695.73

A T & T

JUNE 2022 PAYMENT - ACCT. 734-453-4461-659-

101-336-850.000	Fire	Invoice Amount:	\$450.93
101-673-850.000	Twp. Hall	Check Date:	08/03/2022
101-751-850.000	Parks		153.32
592-537-850.000	DPW		36.07
			36.07
			225.47

BUONO, DUANE

MECHANICAL INSPECTOR PAY JULY 2022

101-371-801.000	MECHANICAL INSPECTOR PAY JULY 2022	Invoice Amount:	\$4,822.00
		Check Date:	08/03/2022
			4,822.00

CBTS TECHNOLOGY SOLUTIONS LLC

CBTS PHONE SERVICES - JULY 2022 (6/20/22 TO

101-101-850.000	TOWNSHIP BOARD	Invoice Amount:	\$2,511.34
101-171-850.000	SUPERVISOR	Check Date:	08/03/2022
101-228-850.000	INFORMATION SYSTEMS		26.12
101-257-850.000	ASSESSING		126.00
101-215-850.000	CLERK		79.58
101-253-850.000	TREASURY		87.55
101-261-850.000	GEN. OP. - EXC RM		168.29
101-262-850.000	ELECTIONS		87.54
101-265-850.000	BUILDING AND GROUNDS		21.62
101-673-850.000	SENIOR SERVICES		33.45
101-301-850.000	POLICE		17.01
101-325-850.000	DISPATCH		16.98
101-351-850.000	JAIL/CORRECTIONS		549.01
			304.59
			17.50

Charter Township of Plymouth

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	101-336-850.000	FIRE/TWP. HALL	564.98
	101-371-850.000	BUILDING	124.03
	101-751-850.000	PARKS & REC	26.62
	101-701-850.000	PLANNING	17.01
	596-528-850.000	RUBBISH	19.47
	588-596-850.000	TRANSPORTATION	37.50
	592-536-850.000	WATER & SEWER	121.04
	101-191-850.000	FINANCE/ACCOUNTING	65.45
COMCAST		Invoice Amount:	\$227.79
HIGH SPEED INTERNET - TOWNSHIP PARK AUGU		Check Date:	08/03/2022
	101-751-852.000	TWP PARK PAV INTERNET 8/22	227.79
DTE ENERGY		Invoice Amount:	\$19.07
DTE SERVICE -- MILLER PARK JULY 2022- 9100-		Check Date:	08/03/2022
	101-751-920.000	MILLER PARK ELECTRIC JULY 2022--5316-9	19.07
Flis, Joe		Invoice Amount:	\$1,260.00
ELECTICAL INSPECTOR 2 JULY 2022 PAY		Check Date:	08/03/2022
	101-371-801.000	ELECTRICAL INSPECTOR 2 JULY 2022 PAY	1,260.00
HEILEMAN, JAMES		Invoice Amount:	\$8,960.32
ELECTRICAL INSPECTOR PAY JULY 2022		Check Date:	08/03/2022
	101-371-801.000	ELECTRICAL INSPECTOR PAY JULY 2022	8,960.32
M E R S		Invoice Amount:	\$161,552.37
MERS DB - JULY 2022 EMPLOYEE AND EMPLOYE		Check Date:	08/03/2022
	101-000-245.301	COAM - EMPLOYEE CONTRIB.	2,706.79
	101-000-245.301	POAM-EMPLOYEE CONTRIB.	14,277.85
	101-000-245.336	FIRE - EMPLOYEE CONTRIB	11,636.90
	101-000-245.325	DISPATCH - EMPLOYEE CONTRIB	4,780.31
	101-301-715.000	COAM - EMPLOYER CONTRIB	23,274.60
	101-301-715.000	POAM - EMPLOYER CONTRIB	37,595.00
	101-336-715.000	FIRE - EMPLOYER CONTRIB	57,390.00
	101-325-715.000	DISPATCH - EMPLOYER CONTRIB	12,352.00
	101-336-715.000	FIRE CHIEF ACCT - EMPLOYER CONTRIB	284.00
	101-301-715.000	COAM CREDIT EMPLOYER - JON BROTHERS	(2,745.08)
MUNSON, STEVE		Invoice Amount:	\$3,428.75
PLUMBING INSPECTOR PAY JULY 2022		Check Date:	08/03/2022
	101-371-801.000	PLUMBING INSPECTOR PAY JULY 2022	3,428.75
PLYMOUTH POSTMASTER		Invoice Amount:	\$1,350.00
WATER BILL POSTAGE - PERMIT #218 AUGUST		Check Date:	08/03/2022
	592-536-851.000	PERMIT #218 AUGUST 2022 POSTAGE	1,350.00
PLYMOUTH POSTMASTER		Invoice Amount:	\$1,350.00
WATER BILL POSTAGE - PERMIT #218 JULY		Check Date:	08/03/2022
	592-536-851.000	PERMIT #218 JULY 2022 POSTAGE	1,350.00
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$3,838.00
BD Bond Refund		Check Date:	08/03/2022
	101-371-283.017	BSUE20-0001	3,838.00
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$2.50
BD Bond Refund		Check Date:	08/03/2022
	101-371-283.016	BE18-0012	2.50

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INVOICE INFORMATION

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,197.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE22-0033		1,197.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,190.75
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE19-0009		2,190.75
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$172.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE19-0012		172.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$592.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.017	BSUE21-0010		592.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$4,654.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE20-0004		4,654.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$3,179.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE21-0019		3,179.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,000.50
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE21-0016		1,000.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$595.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE22-0036		595.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,591.50
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE22-0037		2,591.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$4,169.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE22-0034		4,169.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,410.50
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE22-0038		2,410.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,358.00
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.016	BE22-0039		1,358.00
SIMPLIFILE, LC			Invoice Amount:	\$36.25
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.018	BBD22-0062		36.25
SIMPLIFILE, LC			Invoice Amount:	\$36.25
BD Bond Refund			Check Date:	08/03/2022
	101-371-283.018	BBD22-0067		36.25

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VERIZON WIRELESS		Invoice Amount:		\$82.41
VERIZON - CELL PHONES FOR PARK & FIRE (ACC		Check Date:		08/03/2022
	<i>101-751-850.000</i>	<i>PARK CELL PHONE</i>		<i>40.01</i>
	<i>101-336-850.000</i>	<i>FIRE - (LIFEPACKS)</i>		<i>42.40</i>
EVERGREEN DEVELOPMENT LLC		Invoice Amount:		\$63.75
BD Bond Refund		Check Date:		08/03/2022
	<i>101-371-283.018</i>	<i>BBD22-0067</i>		<i>63.75</i>
LBK HOMESRUS, INC		Invoice Amount:		\$63.75
BD Bond Refund		Check Date:		08/03/2022
	<i>101-371-283.018</i>	<i>BBD22-0062</i>		<i>63.75</i>
Total Amount to be Disbursed:				\$275,215.90

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INVOICE INFORMATION

ALLIE BROTHERS UNIFORMS

INV# 87949 UNIFORM SHIRTS /TEDERINGTON
101-336-767.000

Invoice Amount: **\$54.00**
Check Date: **08/09/2022**
54.00

ALLIE BROTHERS UNIFORMS

INV. 88018 7/20/2022 NEW HIRE UNIFORM EQUIP
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000

Invoice Amount: **\$1,137.41**
Check Date: **08/09/2022**

PANTS WITH BRAID	69.99
UNIFORM L/S SHIRT - WHITE & BLUE	105.98
UNIFORM S/S SHIRT - WHITE & BLUE	101.98
UNIFORM DRESS JACKET	351.99
UNIFORM BRAID (3 ROWS) TO DRESS COAT	22.50
UNIFORM METAL GOLD STARS 3/8"	12.99
UNIFORM METAL GOLD STARS 1/2"	12.99
UNIFORM BREAT BADGE	296.00
UNIFORM WALLET BADGE	148.00
UNIFORM NAME TAG/PLATE/BADGE	14.99

ALLIE BROTHERS UNIFORMS

INV. 87929 7/13/2022 BODY ARMOR LEVEL AXII V
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000
101-301-767.000

Invoice Amount: **\$1,144.93**
Check Date: **08/09/2022**

SERIAL 220000149366/220000149239	750.00
UNIFORM STRYKE PANTS	79.99
UNIFORM POLO SHIRT	49.99
UNIFORM REMOVE EMBLEMS FROM JACKET LIN	3.00
UNIFORM ADD EMBLEMS TO JACKET LINER	10.00
UNIFORM REMOVE EMBLEMS FROM SHIRTS	15.00
UNIFORM ADD EMBLEMS TO SHIRTS	25.00
UNIFORM COLLAR INSIGNIA	20.99
UNIFORM DUTY BELT	74.99
UNIFORM MACE CASE	37.99
UNIFORM DOUBLE MAG CASE	37.99
UNIFORM CUFF CASE	39.99

APOLLO FIRE EQUIPMENT

INV# 61295 HURST SERVICE TOOLS
101-336-757.000
101-336-757.000
101-336-757.000
101-336-757.000
101-336-757.000

Invoice Amount: **\$1,640.16**
Check Date: **08/09/2022**

INV# 61295 HURST SERVICE TOOLS	960.00
PSI GAS OPERATED POWER UNIT	425.00
HOSE AND REEL TEST	200.00
SHOP SUPPLIES	25.00
TRAVEL	30.16

APOLLO FIRE EQUIPMENT

INV# 109488 HURST EXL E-DRAULIC BATTERY
101-336-757.000

Invoice Amount: **\$625.00**
Check Date: **08/09/2022**
INV# 109488 HURST EXL E-DRAULIC BATTERY 625.00

AutoZone, Inc.

INV # 4382724904 2016 FORD EXPLORER/ CHIEF
101-336-863.000
101-336-863.000

Invoice Amount: **\$123.94**
Check Date: **08/09/2022**
INV# 4382724904 DURALAST BATTERY 120.64
BATTERY INSTALL 3.30

AutoZone, Inc.

INV. 4382716867 7/8/2022 VEHICLE SUPPLIES
101-301-863.000

Invoice Amount: **\$54.68**
Check Date: **08/09/2022**
WINDSHIELD WIPERS - VEH 18-3 54.68

AutoZone, Inc.

INV # 4382720918 AUTO ZONE STRIPES & SUPPL
101-336-757.000
101-336-757.000

Invoice Amount: **\$15.75**
Check Date: **08/09/2022**
INV# 4382720918 5/16 TWIN STRIP 5.91
5/16 TWIN SLV MET 5.91

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INVOICE INFORMATION

	101-336-757.000	1/4 BLACK PINSTRIPE	3.93
Azteca Systems, LLC		Invoice Amount:	\$23,665.00
CITYWORKS LICENSE AGREEMENT 9/15/2022 - 9/		Check Date:	08/09/2022
592-537-831.000	CITYWORKS LICENSE AGREEMENT 9/22-9/23		23,665.00
B & R JANITORIAL SUPPLY		Invoice Amount:	\$85.54
INV # 194757 JANITORIAL SUPPLIES		Check Date:	08/09/2022
101-336-775.000	BLACK HEAVY DUTY LINERS		85.54
B & R JANITORIAL SUPPLY		Invoice Amount:	\$933.94
INV # 194757 JANITORIAL SUPPLIES		Check Date:	08/09/2022
101-336-775.000	INV# 194757 C-FOLD TWL WHT 2400CS		189.95
101-336-775.000	FEBREZE HD CRISP CLEAN AERO		42.98
101-336-775.000	HUSKY 320 NONACID BOWL CLNR		39.92
101-336-775.000	PUREX LAUNDRY LIQUID		140.96
101-336-775.000	BLEACH		21.05
101-336-775.000	SPONGE SCRUBBER		25.20
101-336-775.000	CASCADE ACTION PACS		233.70
101-336-775.000	KITCHEN ROLL TOWEL		141.42
101-336-775.000	CLOROX WIPES LEMON		98.76
BENDZINSKI & CO.		Invoice Amount:	\$1,000.00
CONTINUING DISCLOSURE UNDERTAKING FOR YI		Check Date:	08/09/2022
101-261-801.000	CONTINUING DISCLOSURE 2021		1,000.00
BLACKWELL FORD INC.		Invoice Amount:	\$19.95
INV. 393747 7/29/2022 VEHICLE REPAIR/128076		Check Date:	08/09/2022
101-301-863.000	REPLACE ONE TIRE		19.95
BLACKWELL FORD INC.		Invoice Amount:	\$19.95
INV. 393495 7/21/2022 VEHICLE REPAIR/C99804		Check Date:	08/09/2022
101-301-863.000	REPLACE ONE TIRE		19.95
CDW GOVERNMENT INC		Invoice Amount:	\$123.49
INV. Z305110 6/8/2022 ZAGG RUGGED BOOK KEY		Check Date:	08/09/2022
101-301-757.000	ZAGG RUGGED BOOK KEYBOARD 6082557		123.49
CDW GOVERNMENT INC		Invoice Amount:	\$(123.49)
Z701212 CREDIT - RETURN IPAD KEYBOARD		Check Date:	08/09/2022
101-301-757.000	CREDIT - IPAD KEYBOARD		(123.49)
CINTAS CORPORATION - 300		Invoice Amount:	\$247.83
INV. 4125472141 7/15/2022 MAT SERVICE FOR P		Check Date:	08/09/2022
101-301-822.000	Mats for pd		247.83
CORRIGAN OIL COMPANY		Invoice Amount:	\$3,210.08
#7579458 7/25/22		Check Date:	08/09/2022
592-537-759.000	Fuel Tax Recap		11.71
592-537-759.000	Environmental Fee		9.95
592-537-759.000	GE87 GAS-ETHANOL		1,806.97
592-537-759.000	DYDLSMIX		1,381.45
Complete Outdoor Services of MI		Invoice Amount:	\$3,000.00
INV#1 TREE REMOVAL AT TWP PARCEL ON ECKLE		Check Date:	08/09/2022
101-265-821.000	TREE REMOVAL TWP PROPERTY ON ECKLES		3,000.00

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DELL MARKETING L.P.		Invoice Amount:	\$917.00
QUOTE NO. 3000121178163.1 DELL 27" MONITOR		Check Date:	08/09/2022
101-301-757.000	DELL 27" VIDEO CONF MONITOR - C2722DE		483.00
101-301-757.000	DELL ULTRASHARP 27" MONITOR - U2722D		434.00
Dell Financial Services, LLC.		Invoice Amount:	\$171.03
COMPUTER LEASES -7/1/22--7/31/22 CONTRACT		Check Date:	08/09/2022
101-253-940.000	TREASURER		57.00
101-215-940.000	CLERK		57.00
101-371-940.000	BUILDING		14.25
101-191-940.000	ACCOUNTING		28.52
101-262-940.000	ELECTIONS		14.26
Dell Financial Services, LLC.		Invoice Amount:	\$563.26
COMPUTER LEASES -9/1/22 - 11/30/22- CONTRAC		Check Date:	08/09/2022
101-371-940.000	BUILDING		70.40
101-171-940.000	HUMAN RESOURCES		70.40
101-751-940.000	PARKS		70.41
101-228-940.000	INFO SERVICES		352.05
Denny's Service Center		Invoice Amount:	\$2,310.91
#873623 - SENIOR TRANS VEHICLE TIRES & REP/		Check Date:	08/09/2022
588-596-863.000	LABOR AND PARTS-# 873623		2,310.91
DON'S SMALL ENGINE REPAIR, INC		Invoice Amount:	\$197.71
INV. # 62334 - ZERO TURN - REPLACE 3 SWAY BA		Check Date:	08/09/2022
101-751-931.000	INV. # 62334 - ZERO TURN REPAIRS		197.71
DON'S SMALL ENGINE REPAIR, INC		Invoice Amount:	\$29.12
INV. # 62272 - OIL FILTERS FOR MOWERS (DETA		Check Date:	08/09/2022
101-751-931.000	INV. # 62272 - OIL FILTERS FOR MOWERS		29.12
ETNA SUPPLY		Invoice Amount:	\$357.00
7/18/22 S104651120 TAP BIT		Check Date:	08/09/2022
592-537-757.000	MUELLER 1 COMB DRILL AND TAP		330.00
592-537-757.000	TAPPING GREASE		27.00
FASTENAL COMPANY		Invoice Amount:	\$52.22
#119075 7/5/22 TREE CITY SIGNS - TOOLS/PART:		Check Date:	08/09/2022
101-701-757.000	HCS 1/4-20 X 3 YZ8		22.62
101-701-757.000	SAE THRU HARD 1/4 YZ		13.05
101-701-757.000	1/4-20 YZ8 NE NYLOCK		16.55
GDI Services Inc.		Invoice Amount:	\$273.00
INV#MIINV20210645 JULY CLEANING FRIENDSH:		Check Date:	08/09/2022
101-673-822.000	INV#MIINV20210645 JULY SENIOR CLEAN		273.00
GDI Services Inc.		Invoice Amount:	\$2,686.00
INV#MIINV20210644 JULY TOWNSHIP HALL CLEA		Check Date:	08/09/2022
101-301-822.000	INV#MIINV20210644 JULY POLICE		1,181.84
101-336-822.000	INV#MIINV20210644 JULY FIRE		107.44
101-265-822.000	INV#MIINV20210644 JULY TWP HALL		1,396.72
GDI Services Inc.		Invoice Amount:	\$416.00
INV#MIINV20210646 JULY DPW CLEANING		Check Date:	08/09/2022
592-537-822.000	INV#MIINV20210646 JULY. DPW CLEANING		416.00

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VENDOR INFORMATION**INVOICE INFORMATION**

GFL Environmental USA, Inc. #0056403063 DPW RECYCLE CENTER 596-528-816.000	07/12/22 - CARDBOARD/PAPER	Invoice Amount: Check Date:	\$225.00 08/09/2022 225.00
GFL Invironmental USA, Inc. UX0000121344 COMPOST - DPW SITE 596-528-893.000 596-528-893.000 596-528-893.000	COMPOST - 07/01/22 ENERGY CHARGE COMPLIANCE FEE	Invoice Amount: Check Date:	\$97.87 08/09/2022 83.72 5.86 8.29
GARRETT AUTO AND TRUCK SVC #44820 2017 FORD F250 SUPER DUTY XLT #402 592-537-863.000	SERVICE, PARTS, LABOR	Invoice Amount: Check Date:	\$94.13 08/09/2022 94.13
GOVCONNECTION, INC. DATA SWITCH FOR EOC - QUOTE # 1663377531 101-301-831.000	CISCO POE 24PRT SWITCH CBS220-24FP-4G-NA	Invoice Amount: Check Date:	\$585.08 08/09/2022 585.08
GRAINGER, W.W., INC. 9376663077 7/14/22 TREE CITY USA SIGN 101-701-757.000 101-701-757.000	SIGN POST GREEN STEEL 12" SAFETY GLASSES SMIOKE	Invoice Amount: Check Date:	\$244.50 08/09/2022 225.90 18.60
GRAINGER, W.W., INC. 9376663085 7/14/22 SAFETY GLASSES 592-537-757.000	SAFETY GLASSES	Invoice Amount: Check Date:	\$21.24 08/09/2022 21.24
GRAINGER, W.W., INC. 9376663093 7/14/22 HARD HAT 592-537-757.000	HARD HAT RATCHET WHITE	Invoice Amount: Check Date:	\$47.01 08/09/2022 47.01
Great Lakes Ace Hardware INV# 8290/876 COMMAND STRIPS & MOUNTSQ 1 101-336-757.000 101-336-757.000	INV # 8290/876 POSTER COMMAND STRIPS MOUNT SQ 16PK	Invoice Amount: Check Date:	\$27.14 08/09/2022 22.78 4.36
Great Lakes Ace Hardware INV# 8328/876 WALLBOARD ANCHOR KIT 101-336-757.000	INV # 8328/876 ANCHOR KIT	Invoice Amount: Check Date:	\$28.49 08/09/2022 28.49
Great Lakes Ace Hardware INV. 8279/876 7/18/2022 SUPPLIES FOR PROPERT 101-301-757.000	MISC. SUPPLIES FOR PROPERTY ROOM	Invoice Amount: Check Date:	\$21.61 08/09/2022 21.61
Great Lakes Water Authority GLWA - INDUSTRIAL WASTE CONTROL BILL 6/1/2 592-538-827.000	GLWA - INDUSTRIAL WASTE CONTROL BILL	Invoice Amount: Check Date:	\$136.29 08/09/2022 136.29
GUARDIAN ALARM CO ALARM BILLING PLYMOUTH TOWNSHIP PUMP HO 592-537-930.000	REPAIR OF PHONE LINE OUTAGE TO ALARM PA	Invoice Amount: Check Date:	\$166.00 08/09/2022 166.00
Heritage Logo Works INV. E70055 7/29/2022 PATCHES FOR HONOR GU 101-301-767.000	PATCHES WITH HONOR GUARD	Invoice Amount: Check Date:	\$480.00 08/09/2022 480.00

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RICOH USA, INC.		Invoice Amount:	\$52.30
INV. 5065114632 7/17/2022 MAINTENANCE AGRE		Check Date:	08/09/2022
101-301-934.000	4/17/2022 - 7/16/2022		52.30
J & B MEDICAL SUPPLY INC		Invoice Amount:	\$185.02
INV# 8531916 SKINTACT FS50 FOAM WET GEL EL		Check Date:	08/09/2022
101-336-773.000	INV# 8531916 SKINTACT FS50FOAM WET GEL		185.02
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6439 5/31/2022 FULL SERVICE OIL CHANGE/		Check Date:	08/09/2022
101-301-863.000	2018 FORD TAURUS - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$56.49
INV. 6437 5/31/2022 FULL SERVICE OIL CHANGE/		Check Date:	08/09/2022
101-301-863.000	2021 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		1.50
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6436 5/31/2022 FULL SERVICE OIL CHANGE/		Check Date:	08/09/2022
101-301-863.000	2017 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6513 6/6/2022 FULL SERVICE OIL CHANGE/C		Check Date:	08/09/2022
101-301-863.000	2020 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6654 6/17/2022 FULL SERVICE OIL CHANGE/		Check Date:	08/09/2022
101-301-863.000	2020 DODGE CHARGER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6660 6/17/2022 FULL SERVICE OIL CHANGE/		Check Date:	08/09/2022
101-301-863.000	2021 FORD EXPEDITION - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6786 6/28/2022 FULL SERVICE OIL CHANGE/		Check Date:	08/09/2022
101-301-863.000	2021 FORD EXPLORER - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6846 7/1/2022 FULL SERVICE OIL CHANGE/1		Check Date:	08/09/2022
101-301-863.000	2018 FORD TAURUS - OIL CHANGE		54.99
101-301-863.000	EXTRA OIL		5.99
J Lube Services 6		Invoice Amount:	\$60.98
INV. 6867 7/5/2022 FULL SERVICE OIL CHANGE/C		Check Date:	08/09/2022
101-301-863.000	2020 FORD EXPLORER - OIL CHANGE		54.99
	EXTRA OIL		5.99
LAIRD GLASS & UPHOLSTERY, INC.		Invoice Amount:	\$50.00
INV # 13266 WINDSHIELD REPAIR R-3		Check Date:	08/09/2022
101-336-863.000	INV# 13266 WINDSHIELD REPAIR R-3		50.00

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VENDOR INFORMATION**INVOICE INFORMATION****LAIRD GLASS & UPHOLSTERY, INC.**

INV # 13326 WINDSHIELD FOR 2016 FORD EXPLC
101-336-863.000

INV# 13326 NEW WINDSHIELD

Invoice Amount: \$405.00
Check Date: 08/09/2022
405.00

Linguistica International

INV. 53963 6/30/2022 INTERPRETING SERVICES -
101-351-801.000

PSA GOSCICKI/KOREAN 7.05 MINUTES

Invoice Amount: \$4.02
Check Date: 08/09/2022
4.02

LIVONIA, CITY OF

INV. 2022-00000069 7/12/2022 AFIS SERVICES (2
101-301-801.000

Fingerprint Computer Identification

Invoice Amount: \$450.00
Check Date: 08/09/2022
450.00

MACP

INV. 200010302 8/1/2022 FALL 2022 ACCREDITAT
101-301-958.000
101-301-958.000
101-301-958.000

CHIEF JIM KNITTEL
ASSISTANT CHIEF DAN KUDRA
LIEUTENANT RYAN KREBS

Invoice Amount: \$345.00
Check Date: 08/09/2022
115.00
115.00
115.00

MACP

INV. 200010303 8/1/2022 FALL 2022 ACCREDITAT
101-301-958.000
101-301-958.000

SERGEANT MIKE FRITZ
COMM SUPERVISOR CINDY FELL

Invoice Amount: \$230.00
Check Date: 08/09/2022
115.00
115.00

MACP

INV. 200010091 2022 FALL POLICE EXECUTIVE/NI
101-301-958.000

OCTOBER 24-28, 2022 - OKEMOS MICH

Invoice Amount: \$1,195.00
Check Date: 08/09/2022
1,195.00

State of Michigan

UIA - 2021 REIMBURSING EMPLOYER BILLING FC
101-261-719.000

UIA -2021 REINMBURSEMENT

Invoice Amount: \$281.86
Check Date: 08/09/2022
281.86

MICHIGAN LINEN SERVICE

#472705 7/22/22 UNIFORM CLEANING SERVICE F
592-537-767.000

7/22/22 UNIFORM CLEANING SERVICES - FEE

Invoice Amount: \$88.35
Check Date: 08/09/2022
88.35

NAPA Auto Parts

#773911 7/19/22 #409 DIESEL EXHAUST FLUID
592-540-931.000

PARTS

Invoice Amount: \$99.96
Check Date: 08/09/2022
99.96

OFFICE DEPOT

CART BALLOT ORGANIZER & DESK ORGANIZER
101-215-752.000

LARGE DRAW ORGANIZER

Invoice Amount: \$8.97
Check Date: 08/09/2022
8.97

OFFICE DEPOT

BLACK STICK PENS FOR PRECINCTS 1-12, CORREI
101-215-752.000

SCOTCH TAPE

Invoice Amount: \$57.81
Check Date: 08/09/2022
57.81

OFFICE DEPOT

BLACK STICK PENS FOR PRECINCTS 1-12, CORREI
101-262-752.000

DYMO LABEL WRITER 550 SERIES

Invoice Amount: \$108.38
Check Date: 08/09/2022
108.38

OFFICE DEPOT

BLACK STICK PENS FOR PRECINCTS 1-12, CORREI
101-215-752.000

TUL GEL PENS BLACK SLIVER BARREL

Invoice Amount: \$22.22
Check Date: 08/09/2022
22.22

OFFICE DEPOT

JULY 2022 OFFICE SUPPLY ORDER

Invoice Amount: \$109.07
Check Date: 08/09/2022

Charter Township of Plymouth

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	101-371-752.000	SCOTCH TAPE 1-7/8 PACK OF 8 TAPES	53.28
	101-371-752.000	ATIVA SHREDDER LUBRICANT SHEETS	55.79
OFFICE DEPOT		Invoice Amount:	\$164.29
OFFICE SUPPLIES FOR ASSESSING DEPT/HR/SUP		Check Date:	08/09/2022
	101-171-752.000	#1402840 -CLASSIFICATION FOLDERS	26.24
	101-257-752.000	#1353862-POLARIS HEAVY DUTY PAPER	73.49
	101-257-752.000	#0734101 - TWIST ERASE PENCILS	12.92
	101-257-752.000	#0172510-POST-IT NOTES	14.62
	101-171-752.000	#0645363 - RUBBERMAID LETTER TRAY	21.89
	101-171-752.000	#0458914 - AA BATTERIES	15.13
OFFICE DEPOT		Invoice Amount:	\$4.69
OFFICE SUPPLIES FOR ASSESSING DEPT/HR/SUP		Check Date:	08/09/2022
	101-257-752.000	#PENPD347TC - MECHANICAL PENCIL BACKORI	4.69
OFFICE DEPOT		Invoice Amount:	\$29.99
OFFICE SUPPLIES FOR ASSESSING DEPT/HR/SUP		Check Date:	08/09/2022
	101-257-752.000	#ILC67300002- SLIMLINE WALL CLOCK	29.99
OFFICE DEPOT		Invoice Amount:	\$304.51
INV. 251901564001 7/8/2022 OFFICE SUPPLIES		Check Date:	08/09/2022
	101-301-752.000	DVD + R 4.7GB	235.12
	101-301-752.000	BINDER CLIPS	8.49
	101-301-752.000	MEMO NOTEBOOKS	60.90
OFFICE DEPOT		Invoice Amount:	\$247.40
INV. 253606798001 7/5/2022 OFFICE SUPPLIES		Check Date:	08/09/2022
	101-301-752.000	HP CE255A TONER	247.40
OFFICE DEPOT		Invoice Amount:	\$74.37
INV. 249402190001 7/8/2022 OFFICE SUPPLIES		Check Date:	08/09/2022
	101-325-752.000	HP CE505A TONER	59.56
	101-325-752.000	STAPLER	14.81
OFFICE DEPOT		Invoice Amount:	\$622.57
INV. 253710311001 7/7/2022 OFFICE SUPPLIES		Check Date:	08/09/2022
	101-325-752.000	HP 80A TONER	169.62
	101-301-752.000	CC530A TONER BLACK	114.49
	101-301-752.000	CC531 TONER CYAN	112.82
	101-301-752.000	CC532A TONER MAGENTA	112.82
	101-301-752.000	CC533A TONER YELLOW	112.82
OFFICE DEPOT		Invoice Amount:	\$126.00
INV. 250265073001 6/10/2022 OFFICE SUPPLIES :		Check Date:	08/09/2022
	101-301-752.000	ASST JUMBO CARDS	126.00
OFFICE DEPOT		Invoice Amount:	\$(126.00)
252303664001 CR - RETURN ASST. CARDS		Check Date:	08/09/2022
	101-301-752.000	CREDIT - ASST. CARDS	(126.00)
OCCUPATIONAL HEALTH CENTERS OF MI		Invoice Amount:	\$217.00
INVOICE # 714392783 - RAYMOND NAAMOU (P		Check Date:	08/09/2022
	101-301-835.000	RAYMOND NAAMOU (PD) PREPLACEMENT	217.00
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$4,113.20
COMERICA BANK-TWP CREDIT CARD - JUNE 2022		Check Date:	08/09/2022
	101-336-757.000	CONLEY(BUKIS)-WATERPROOF DUFFLES	105.94

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101-336-767.000	CONLEY-ALLIE BROS-UNIFORM TIE	6.00
101-336-757.000	CONLEY(SUITER)AMAZON-USB CABLE FOR RAD	93.99
101-336-757.000	CONLEY-PRIORITY ONE-LIGHTNING X GEAR BA	69.99
101-751-757.000	ANDERSON-HD-CABLE&HARWARE POND FOUNT	230.12
101-751-757.000	ANDERSON(MCMULLEN)-CONDENSATION PUMP	74.97
101-301-831.000	FELL-TECHSMITH-REDACTION SOFTWARE UPGI	139.99
592-537-957.000	FELLRATH-WEF MEMBERSHIP RENEWAL	220.00
592-537-957.000	FELLRATH-STORMWATER LICENSE RENEWAL	96.90
101-336-757.000	FOX (BUKIS) HD-LED BULBS FOR STATION 3	55.18
101-301-752.000	GORDON-OD-SIGNATURE STAMP	29.99
101-751-821.000	HAACK-ENG.GARDENS-ELC PLANTINGS	323.88
101-265-930.000	HAACK-BILL & RODS-LUNCHROOM FRIDGE	99.00
101-265-757.000	HAACK-EBAY-DISPENSER CONTROL -FRIDGE	47.70
101-265-757.000	HAACK-EBAY-DISPENSER PANEL-FRIDGE	104.94
101-301-757.000	HAACK-PLASTIC CLEANER-POLICE	15.32
101-215-757.000	HAACK-PLASTIC CLEANER-CLERK	15.32
101-265-757.000	HAACK-PLASTIC CLEANER-GROUNDS	15.32
101-265-930.000	HAACK-V BELTS-HEATING & COOLING	193.05
101-265-757.000	HAACK-SAMS-SUPPLIES FOR TWP GROUNDS	110.35
101-325-757.000	HAACK-SAMS-SUPPLIES FOR DISPATCH	165.94
101-101-757.000	HAACK-ENG. CON-NAMETAGS FOR TRUSTEES	37.70
101-265-757.000	HAACK-HD-WEED WACKER/PAINT & SUPPLIES	198.14
101-101-757.000	HAACK-ENG CON-TAGS FOR TRUSTEES	68.50
101-751-757.000	HAACK-SAMS-TABLES FOR TWP GROUNDS	599.80
592-537-931.000	HAMANN-HD-SUMP PUMP-VALVES	340.58
592-537-757.000	HAMANN-HD-ELECTRIC IMPACT DRIVE	247.46
592-537-938.000	HAMANN-HD-LUMBER	63.10
592-537-757.000	HAMANN-HD-SUPPLIES FOR CONCRETE...	119.04
101-261-852.000	HEISE-CONSTANT CONTACT MONTHLY FEE	70.00
101-261-831.000	JANKS-ZOOM SUBSCRIPTION - MAY 2022 BILLI	154.99

RELIABLE LANDSCAPING INC.

INVOICE #99955 7/12/22

Invoice Amount: \$385.00**Check Date: 08/09/2022**

592-537-938.000	TOPSOIL/RIVER ROCK #32420	190.00
592-537-938.000	RIVER ROCK #33766	195.00

RELIABLE LANDSCAPING INC.

INVOICE #99963 7/13/22

Invoice Amount: \$125.00**Check Date: 08/09/2022**

592-537-938.000	TOPSOIL #33773	125.00
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SIGNATURE FORD, L-M

2022 FORD POLICE INTERCEPTOR UTILITY AWD I

Invoice Amount: \$36,983.00**Check Date: 08/09/2022**

262-310-970.000	UTILITY ALL WHEEL DRIVE CODE: K8A/500A	35,356.00
262-310-970.000	AGATE BLACK CODE: UM	0.50
262-310-970.000	INTERIOR TRIM CHARCOAL BLACK CODE: 96	0.50
262-310-970.000	REAR CONSOLE PLATE CODE:85R	45.00
262-310-970.000	DARK CAR FEATURE CODE:43D	20.00
262-310-970.000	SPOT LAMP - DUAL CODE:51V	665.00
262-310-970.000	NOISE SUPPRESSION BONDS CODE:60R	100.00
262-310-970.000	REAR VIEW CAMERA CODE:87R	0.50
262-310-970.000	GLOBAL LOCK CODE: 18D	0.50
262-310-970.000	REAR DOOR HANDLES INOPER CODE:68G	75.00
262-310-970.000	LOCK SYSTEM SINGLE KEY CODE:59B	50.00
262-310-970.000	PRE-COLLISION ASSIST CODE:76P	145.00
262-310-970.000	MIRRORS-HEATED CODE:549	60.00
262-310-970.000	REVERSE SENSING CODE:76R	275.00
262-310-970.000	CLASS III TRAILER TOW CODE:52T	80.00
262-310-970.000	H8 AGM BATTERY CODE: 19K	110.00

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

SITE ONE LANDSCAPE SUPPLY

INV. # 121722163-001--1 SOLENOID ASSEMBLY F
101-751-930.000

Invoice Amount: \$44.48
Check Date: 08/09/2022
44.48

SPALDING DEDECKER ASSOCIATES, INC.

SPALDING DE DECKER - SERVICES FOR JUNE 2021

Invoice Amount: \$86,101.50
Check Date: 08/09/2022

592-537-970.000	91287 - PORT ST VACTOR PAD & GRADING	4,443.00
101-261-803.000	91288 - VERIZON M14&BECK ST (PORT) FIBER	1,021.00
101-701-803.000	91259 - SHELDON RD LOT SPLIT	430.00
101-261-803.000	91260 - PLY TWP ENGINEERING MTGS	500.00
805-444-468.022	91267 - 2022 SIDEWALK REPLACEMENT PROG	4,797.00
592-537-970.000	91270 - 2022 CIPP SEWER LINING	8,575.00
101-261-803.000	91271 - 2022 PLY TWP ENGINEERING TASKS	2,657.00
805-444-468.022	91272 - 2022 SIDEWALK GAPS	35,497.25
285-000-970.000-202	91286 - GOLFVIEW PARK SIDEWALKS	7,796.50
592-537-831.000	91273 - GIS - WATER & SEWER	1,839.00
101-257-831.000	91273 - GIS - ASSESSING	306.50
101-371-831.000	91273 - GIS - BUILDING	613.00
101-261-831.000	91273 - GIS - TOWNSHIP	306.50
101-261-803.000	91275 - POWELL ROAD EXTENSION	11,022.75
101-261-803.000	91276 - TWP PARK DRIVE PAVING	2,101.75
101-261-803.000	91282 - COMCAST-14855 GALLEON - METRO	826.00
101-261-803.000	91283 - 123NET-14841 KEEL STREET METRO	466.00
101-261-803.000	91284 - COMCAST - 12305 N BECK - METRO	318.00
285-000-970.000-202	90025 - GOLFVIEW PARK SIDEWALKS	2,243.25
101-261-803.000	90015 - GOLF COURSE ENTRANCE	342.00

SPARTAN DISTRIBUTORS

WORKMAN MD - 6/22 REPLACE ENGINE & OTHER
101-751-931.000

Invoice Amount: \$2,483.67
Check Date: 08/09/2022
2,483.67

TEL Systems

MULTI-MEDIA RM BROADCAST EQ MICROPHONE
101-101-970.000

Invoice Amount: \$31,478.50
Check Date: 08/09/2022
31,478.50

Thermo Source

INV# PLY-F-5 LIGHTING TURNKEY LED POLE FOO
101-336-930.000

Invoice Amount: \$573.00
Check Date: 08/09/2022
573.00

TOWN LOCKSMITH

INV. 60558 7/18/2022 KEYS MADE
101-301-752.000

Invoice Amount: \$5.50
Check Date: 08/09/2022
5.50

TOWN LOCKSMITH

INV # 60421 INSTALL NEW DOOR CLOSER AT ST/
101-336-930.000
101-336-930.000

Invoice Amount: \$330.00
Check Date: 08/09/2022
160.00
170.00

TOWN LOCKSMITH

INV. 60599 7/20/2022 SERVICE CALL - RECORDS
101-301-752.000
101-301-752.000
101-301-752.000

Invoice Amount: \$303.50
Check Date: 08/09/2022
185.00
96.00
22.50

TOWN LOCKSMITH

INV. 60702 7/26/2022 KEYS MADE - RECORDS
101-301-752.000

Invoice Amount: \$2.75
Check Date: 08/09/2022
2.75

DUPLICATE KEY FOR FILING CABINET

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

TRANSITIONS OUTDOORS, LLC.		Invoice Amount:	\$5,345.00
REPAIR OF SPRINKLER SYSTEM AT TWP PARK BA		Check Date:	08/09/2022
592-537-821.000	PVB & WINTERIZATION REPAIR		5,345.00
W.J.O'NEIL COMPANY		Invoice Amount:	\$1,045.26
INV#43257 REPAIR VAV BOX IN POLICE/DISPATCH		Check Date:	08/09/2022
101-265-930.000	INV#43257 VAV BOX REPAIR POLICE/DISPATCH		1,045.26
WAYNE COUNTY		Invoice Amount:	\$226.40
TRAFFIC SIGNAL ENERGY - JUNE 2022 - INV # 10		Check Date:	08/09/2022
101-441-923.000	TRAFFIC SIG - JUNE 2022 - INV#1011190		226.40
WCA ASSESSING		Invoice Amount:	\$26,599.50
APPRAISAL SERVICES RENDERED - AUGUST 2022		Check Date:	08/09/2022
101-257-801.000	Appraisal Services Rendered (Contract)		26,442.83
101-257-801.000	Co-Star Services		156.67
WIN-911 SOFTWARE		Invoice Amount:	\$660.00
ANNUAL RENEWAL OF CUSTOMER CARE SUBSCRIPTION		Check Date:	08/09/2022
592-537-831.000	WIN-911/MAINT-R		660.00
Detroit Shields		Invoice Amount:	\$128.00
INV# 7262201 FF SHIELDS / LOCKER PLATES		Check Date:	08/09/2022
101-336-767.000	INV# 7262201 FF SHIELDS		120.00
101-336-767.000	LOCKER PLATES		8.00
Total Amount to be Disbursed:			\$249,961.14

Weekly Page: 7/27/22

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

A T & T LONG DISTANCE		Invoice Amount:	\$0.81
AT&T LONG DISTANCE - POLICE LINE - BAN8363		Check Date:	07/27/2022
101-301-850.000	BAN836376571 - JUNE 2022		0.81
A T & T		Invoice Amount:	\$966.94
FIBER RADIO CIRCUITS - JULY 2022		Check Date:	07/27/2022
101-325-850.000	FIBER RADIO CIRCUITS JULY 2022		966.94
A T & T		Invoice Amount:	\$970.69
AT&T - TELEPHONE ALLOCATION JUNE 2022- AC		Check Date:	07/27/2022
101-265-850.000	BUILDING AND GROUNDS		57.10
101-301-850.000	POLICE		171.29
101-325-850.000	DISPATCH		57.10
101-336-850.000	FIRE		228.40
101-426-850.000	EMERGENCY MANAGEMENT		342.60
101-673-850.000	SENIOR CENTER		57.10
592-537-850.000	PUBLIC WORKS - T&D		57.10
BLUE CROSS/BLUE SHIELD OF MICHIGAN		Invoice Amount:	\$981.00
AUGUST 2022 SHANNON RICHARDSON COVERA		Check Date:	07/27/2022
101-325-718.000	SHANNON RICHARDSON COVERAGE 8/22		981.00
COMCAST		Invoice Amount:	\$303.35
FIRE INTERNET STATION 2 -AUGUST 2022 ACCT		Check Date:	07/27/2022
101-336-852.000	AUGUST 2022 FIRE INTERNET STA #2		303.35
COMCAST		Invoice Amount:	\$67.90
INTERNET - JULY 2022 - TWP HALL	XFINITY	Check Date:	07/27/2022
101-261-852.000	TOWNSHIP HALL INTERNET 7/22		67.90
COMCAST		Invoice Amount:	\$161.85
INTERNET PORT STREET - AUGUST 2022-- ACCT		Check Date:	07/27/2022
592-537-852.000	INTERNET PORT STREET 8/22		161.85
COMCAST		Invoice Amount:	\$249.45
SENIOR CENTER INTERNET - JULY 2022-- ACCT		Check Date:	07/27/2022
101-673-852.000	INTERNET SERVICE - TWP GROUNDS		234.48
588-596-852.000	SENIOR SERVICES INTERNET		14.97
COMCAST		Invoice Amount:	\$181.85
INTERNET - JULY 2022 ACCT 8529 10 216 14728		Check Date:	07/27/2022
101-261-852.000	INTERNET (GEN) JULY 2022		181.85
DTE ENERGY		Invoice Amount:	\$431.48
BASEBALL DIAMONDS JUNE 2022 -- 9100-157-68,		Check Date:	07/27/2022
101-751-920.000	BASEBALL DIAMONDS 6/22		431.48
HONKE, ANITA		Invoice Amount:	\$170.10
HONKE - MEDICARE PART B - AUGUST 2022		Check Date:	07/27/2022
101-336-875.000	MEDICARE PART B - AUGUST 2022		170.10
KNUPP, LINDA		Invoice Amount:	\$170.10
KNUPP - 2022 MEDICARE PART B - AUGUST 2022		Check Date:	07/27/2022
101-336-875.000	KNUPP-MEDICARE PART B - AUGUST		170.10
MAAS, CARLAS		Invoice Amount:	\$221.10
MEDICARE PART B - AUGUST 2022		Check Date:	07/27/2022

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

	101-336-875.000	MEDICARE PART B - AUGUST 2022	221.10
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$16,028.91
PLYMOUTH TOWNSHIP - WATER/SEWER -- JULY		Check Date:	07/27/2022
101-171-922.000	SUPERVISOR		23.57
101-228-922.000	INFO SERVICES		19.88
101-257-922.000	ASSESSORS		8.10
101-215-922.000	CLERK		33.67
101-253-922.000	TREASURER		12.15
101-673-922.000	BUILDING-SENIOR SERVICES		927.36
101-301-922.000	POLICE		102.36
101-325-922.000	DISPATCH		38.29
101-351-922.000	LOCK UP		31.30
101-336-922.000	FIRE		2,024.01
101-371-922.000	BUILDING		29.09
101-701-922.000	PLANNING		2.21
101-751-922.000	PARK		10,682.92
596-528-922.000	RUBBISH		1.10
592-536-922.000	ADM/GEN EXPENSE		33.51
592-537-922.000	POWER & PUMPING		1,656.82
588-596-922.000	FRIENDSHIP STATION		59.12
101-265-922.000	BUILDING		0.74
592-537-938.000	WATER FLUSHING		329.62
101-191-922.000	FINANCE DEPT.		13.09
QUICK-PASS LLC		Invoice Amount:	\$39,533.60
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.011	BLS21-0002	39,533.60
Stone Hollow Properties		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.001	BP20-0047 - PB20-0927	1,500.00
Stone Hollow Properties		Invoice Amount:	\$10,000.00
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.010	BTCO22-0031 - PB20-0927	10,000.00
ILMOR ENGINEERING, INC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.001	BP21-0087 - PB21-0545	1,500.00
C&M - The Woods LLC		Invoice Amount:	\$1,500.00
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.001	BP21-0109 - PB21-0865	1,500.00
NATIVITY OF THE, VIRGIN MARY		Invoice Amount:	\$2,370.00
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.019	BPRE22-0011 - PB22-0399	2,370.00
Oliver Hatcher Construction		Invoice Amount:	\$2,490.00
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.019	BPRE22-0013 - PB22-0483	2,490.00
Chintan Patel		Invoice Amount:	\$2,430.00
BD Bond Refund		Check Date:	07/27/2022
	101-371-283.019	BPRE22-0014 - PB22-0508	2,430.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

AMAG LLC			Invoice Amount:	\$1,980.00
BD Bond Refund			Check Date:	07/27/2022
	<i>101-371-283.019</i>	<i>BPRE22-0016 - PB22-0520</i>		<i>1,980.00</i>
Cisco-Eagle Inc			Invoice Amount:	\$2,640.00
BD Bond Refund			Check Date:	07/27/2022
	<i>101-371-283.019</i>	<i>BPRE22-0018 - PB22-0522</i>		<i>2,640.00</i>
Total Amount to be Disbursed:				\$86,849.13



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 23, 2022

ITEM: Request to Consider a Conditional Rezoning for the Towne Place Corner Residential Development

Resolution #2022-08-23-50

PRESENTERS

Laura Haw, AICP, NCI, Township Planner, McKenna
Leo Gonzales, Applicant

BACKGROUND

The applicant, Mr. Leo Gonzales, requests a conditional rezoning of 5.44 acres of land at the northwest corner of the intersection of Ann Arbor Road and McClumpha Road (parcel ID: R-78-054-99-0015-000 and a portion of R-78-054-99-0014-000). The subject property currently consists of vacant land with mixed vegetation.

The applicant previously proposed a rezoning to this site in the fall of 2021; that rezoning request was to the R-2-A, Multiple-Family Residential District. After holding a public hearing on October 20, 2021, the Planning Commission voted to recommend denial of the proposed rezoning to the Board of Trustees. Several community members spoke in opposition to the rezoning, citing traffic, density, property value decline, and a negative impact on the natural habitat of the area. This application was also not supported by the Community Development Department as the potential for a denser, multiple-family residential development was not found to be appropriate for this location. The application was subsequently withdrawn by the applicant and was not considered by the Board of Trustees.

CURRENT PROPOSAL

Today, the applicant requests to conditional rezoning the site to the R-1, One-Family Residential District, in order to eventually seek a Cluster Housing Option (CHO). The proposed concept plan illustrates 24, attached units across eight buildings, with a minimum unit size of 1,470 square feet. As a conditional rezoning, the applicant has offered the following condition: *The maximum number of residential units allowed is 24.*

The existing land use, current zoning, and 2015 Master Plan Future Land Use designations for the subject site and surrounding parcels is detailed on the following page.

Location	Existing Land Use	Current Zoning District	Future Land Use Designation
Subject Site	Single-Family Residential	R-1-H, One-Family Residential	Residential Low-Intermediate Density
North	Single-Family Residential	R-1-H, One-Family Residential	Residential Low-Intermediate Density
South	Institutional (mortuary)	R-1-H, One-Family Residential	Residential Low-Intermediate Density
East	Institutional (religious institution)	R-1-H, One-Family Residential	Residential Low-Intermediate Density
West	Single-Family Residential	R-1-H, One-Family Residential	Residential Low-Intermediate Density

Development Scenarios. As the site will remain a One-Family Residential Zoning District under Article 6 of the Ordinance, no change to the permitted or special land uses would result from the conditional rezoning. Instead, it allows for an increase in the number of dwelling units which could be built due to the difference in the dimensional requirements of the R-1 District versus the R-1-H District. The difference in the dimensional standards for the current and proposed zoning districts, per Article 20 of the Zoning Ordinance result in the following number of lots:

R-1-H District <i>Existing</i>	R-1-H District (with CHO)	R-1-S District <i>Comparison only</i>	R-1-S District (with CHO)	R-1 District	R-1 District (with CHO) <i>Proposed</i>
2 dwelling units/acre (at 5.44 acres) – undetermined; parallel plan necessary	9 units	3.6 dwelling units/acre (at 5.44 acres) – undetermined; parallel plan necessary	16 units	19 units (per parallel plan)	27 units *Limited to 24 units per conditional rezoning

Planning Commission: Public Hearing and Recommendation. The Planning Commission held a public hearing on May 18, 2022 for the conditional rezoning. The meeting minutes are enclosed for your reference and detail several public concerns raised by surrounding residents, as well as two letters of support that were read into the record that evening.

After deliberation, the Commission recommended denial (6:1 vote) to the Board of Trustees for the conditional rezoning, with the following the findings of fact:

1. The rezoning is for a residential density that is denser than the 2015 Master Plan Future Land Use Map.
2. The R-1, One-Family Residential District is inconsistent with the zoning classifications of the surrounding land.

ACTION REQUESTED:

As a conditional rezoning, the Board of Trustees may either approve or deny the application or refer the amendment back to the Planning Commission for further consideration.

Enclosed are two resolutions for the Board's consideration should the Township wish to take final action – one resolution is for denial, as recommended by the Planning Commission, and a second resolution is for approval.

Notwithstanding any other comments by the Board or public, it is recommended that the Board of Trustees approve the proposed conditional rezoning to the R-1, One-Family Residential District, as the request:

- (a) Will not change the permitted uses of the subject site – Article 6 (the One-Family Residential District) will continue to govern the allowable uses as it provides for today.
- (b) While denser than the intended Future Land Use Designation of the 2015 Master Plan, the conditional rezoning and resulting residential development furthers several goals of the Master Plan, including the creation of a missing housing typology in the community.
- (c) Will not generate significant traffic volumes and is located on two roadways which are designed to accommodate moderate to high volumes of traffic: Ann Arbor Road is classified as a Major Thoroughfare and State Trunkline, and McClumpha Road is a Collector Road.
- (d) Offers an alternative housing typology in the Township, an attached, “missing middle” housing product.
- (e) Can be consistent with the single-family zoning classifications of the surrounding land, particularly if the resulting Cluster Housing Option maintains exterior yard setbacks greater than that of the R-1-H District.

PROPOSED MOTION:

I move to adopt Resolution #2022-08-23-50 authorizing _____ (approval / denial) of the Towne Place Corner Residential Conditional Rezoning (map amendment) from the R-1-H, One-Family Residential District to the R-1, One-Family Residential District.

Moved By _____ Seconded By _____

ROLL CALL:

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

Enclosures:

- Application with the Proposed Conditional Rezoning Plan, Parallel Plan, and Tree Assessment
- May 18, 2022 Planning Commission Meeting Minutes

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

**RESOLUTION TO APPROVE
TOWNE PLACE RESIDENTIAL CONDITIONAL REZONING
(AMENDMENT TO THE ZONING MAP)**

RESOLUTION #2022-08-23-50

At a regular meeting of the Charter Township of Plymouth Board of Trustees (the 'board'), held at Township Hall, 9955 N. Haggerty Road, Plymouth, Michigan on August 23, 2022, the following resolution was offered:

WHEREAS, the applicant of parcel ID R-78-054-99-0015-000 and a portion of parcel R-78-054-99-0014-000 (5.44 acres in size and generally located at the northwest corner of the intersection of Ann Arbor Road and McClumpha Road), has requested conditional rezoning approval from the R-1-H, One-Family Residential District to the R-1, One-Family Residential District, and,

WHEREAS, the Board of Trustees, per Zoning Ordinance No. 99: Article 33, has final approval on map amendments to the Zoning Map, and,

WHEREAS, applicant has offered a condition to the Township, that the maximum number of units allowed is 24, and,

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2022-08-23-50 authorizing the conditional rezoning of parcel ID R-78-054-99-0015-000 and a portion of parcel R-78-054-99-0014-000 from the R-1-H, One-Family Residential District to the R-, One-Family Residential District.

Motion By:_____ **Seconded By:**_____

Roll Call:

___Vorva, ___Buckley, ___Curmi, ___Monaghan, ___Doroshewitz, ___Heise, ___Stewart

MOTION CARRIED _____

MOTION DEFEATED _____

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

**RESOLUTION TO DENY
TOWNE PLACE RESIDENTIAL CONDITIONAL REZONING
(AMENDMENT TO THE ZONING MAP)**

RESOLUTION #2022-08-23-50

At a regular meeting of the Charter Township of Plymouth Board of Trustees (the 'board'), held at Township Hall, 9955 N. Haggerty Road, Plymouth, Michigan on August 23, 2022, the following resolution was offered:

WHEREAS, the applicant of parcel ID R-78-054-99-0015-000 and a portion of parcel R-78-054-99-0014-000 (5.44 acres in size and generally located at the northwest corner of the intersection of Ann Arbor Road and McClumpha Road), has requested conditional rezoning approval from the R-1-H, One-Family Residential District to the R-1, One-Family Residential District, and,

WHEREAS, the Board of Trustees, per Zoning Ordinance No. 99: Article 33, has final approval on map amendments to the Zoning Map, and,

WHEREAS, applicant has offered a condition to the Township, that the maximum number of units allowed is 24, and,

WHEREAS, the Planning Commission recommended denial to the Board of Trustees on May 18, 2022, and,

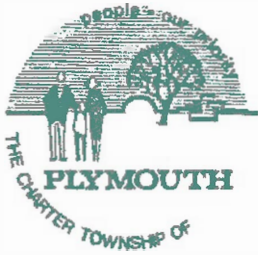
NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2022-08-23-50, denying the conditional rezoning of parcel ID R-78-054-99-0015-000 and a portion of parcel R-78-054-99-0014-000 from the R-1-H, One-Family Residential District to the R-, One-Family Residential District.

Motion By:_____ **Seconded By:**_____

Roll Call:

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

MOTION CARRIED _____ **MOTION DEFEATED** _____



Planning Commission

Charter Township of Plymouth, MI

Approved Planning Commission Minutes

Wednesday, May 18, 2022

Remote Viewing: www.bit.ly/PlymouthLiveStreams

The regular meeting of the Planning Commission was called to order at 7:01 PM.

1. Roll Call

Dennis Cebulski, Chairperson
Kendra Barberena, Vice-Chairperson and Secretary
Tim Boyd
Bob Doroshewitz
Gail Grieger
John Itsell
Keith Postell

All Present.

2. Approval of the Agenda: May 18, 2022

Moved by: Commissioner Postell and Supported by: Commissioner Barbarena to approve the Agenda for the May 18th, 2022 Planning Commission meeting.
All Ayes.

3. Approval of Minutes: April 20, 2022

Moved by: Commissioner Barberena and Supported by: Commissioner Doroshewitz to table approval of the April 20th minutes until the next Planning Commission meeting.
All Ayes.

4. Public Comment

There were none.

5. Public Hearing(s)

A.	PC# 2437	Towne Place Corner Rezoning
	Applicant:	Leo Gonzalez
	Address:	N/A - northwest corner of McClumpha and Ann Arbor Road
	Tax ID(s):	R-78-054-99-0015-000 and a portion of R-78-054-99-0014-000
	Zoning (current):	R-1-H, Single-Family Residential District (current)
		R-1, Single-Family Residential District (proposed)
	Action Requested:	Conditional Rezoning Recommendation to the Board of Trustees
		Ms. Wolfe provided a detailed summary of the conditional rezoning. The proposed development will not increase traffic volume and the condition of rezoning has a cap at no more than 24 single residential units with the R-1 rezoning. She also noted the development meets the guidelines outlined in the master plan as the project will create, preserve, and enhance. Mr. Gonzalez emphasized the need for housing.

Public Hearing

Opened at 7:31 p.m.

Commissioner Barberena read into the record two letters from community members who are in favor of the project.

Lou Burton opposes the project. He indicated the current zoning should not change.

Rich Sheldon also opposes the project. The greenbelt is what is special about the area.

Chuck Mann asked that the zoning not be changed.

Karen Burton indicated she is concerned about the clear-cut of 102 tagged trees. She also indicated zoning changes will impact the natural environment. She opposes development.

Michael Thomas indicated the development will be right next to his property line and he opposes the development.

Jennifer Mann expressed concern about the development having a negative impact on the nearby pond.

William Neu opposes changing the beautiful surroundings.

Ms. Plaweck asked when is enough new development enough as current development has had a negative impact on the environment and traffic.

Anna Steel shared other developments have and will continue to impact traffic.

Public Hearing

Closed at 8:05 p.m.

Ms. Wolf from the planning department advised previous zoning request for this development was R2-A, does not restrict to single-family housing. The current zoning request is R-1 and only allows for single-family housing and has a conditional cap of single-family housing at 24 units.

Motion: Moved by: Commissioner Barberena and supported by Commissioner Postell to recommend to the Board of Trustees to deny application 2437 based on the request for land use is denser than the 2015 master plan and is inconsistent to the zoning classification of the surrounding land.
Roll Call Vote- Ayes: Commissioner Cebulski, Commissioner Barberena, Commissioner Postell, Commissioner Doroshewitz, Commissioner Boyd, Commissioner Itsell
Nay: Commissioner Grieger
Action Taken: Motion Passed.

6. New Business

A. **PC# 2438 Sunny J's ARC Wall Signage**
Applicant: Michael Nagle, Vital Signs Livonia
Address: 521 Ann Arbor Road
Tax ID(s): R-78-061-99-0005-007
Zoning (current): ARC, Ann Arbor Road Corridor District
Action Requested: Sign Approval

Motion: Ms. Wolf provided a summary and recommended the Planning Commission grant approval of the internally illuminated wall sign as it complies with zoning ordinance standards.
Moved by: Commissioner Barberena and supported by Commissioner Boyd to approve application 2438 for the internal illuminated wall sign as it complies with zoning ordinances and the 16' inch lettering is found to be acceptable.

Action Taken: Motion Passed.

7. Old Business

A. **PC# 2428 Suburban Cadillac ARC Monument Signage**
Applicant: Aranae Inc.
Address: 40475 Ann Arbor Road
Tax ID(s): R-78-065-99-0016-301
Zoning (current): ARC, Ann Arbor Road Corridor District
Action Requested: Sign Approval

Motion: Ms. Wolf provided a summary and advised one wall sign was approved at the last Planning Commission meeting and the second signage was tabled to allow the presentation of facts about the necessity of the requested sign.
Moved by: Commissioner Postell and supported by Commissioner Itsell to approve the second monument as presented due to entering from the east is a potential hazard to identify the location as well as no curb cut to traffic.

Roll Call.

Ayes: Commissioner Postell, Commissioner Doroshewitz,
Commissioner Grieger, Commissioner Itsell

Nays: Commissioner Cebulski, Commissioner Barberena,
Commissioner Boyd

Action Taken: Motion Passed.

8. Miscellaneous Business / Communication

- a. Planning and Zoning Monthly Report – April 2022

No Discussion

9. Commissioner Comments

Commissioner Boyd suggested a dialogue in a future joint Board of Trustee meeting that would include of being responsive to residents by communicating on a broader range beyond 300 feet of projects of future developments.

10. Adjournment

Meeting adjourned at 9:45 PM

Moved by: Commissioner Barberena and Supported by: Commissioner Grieger to adjourn the Planning Commission meeting for May 18, 2022.

All Ayes.

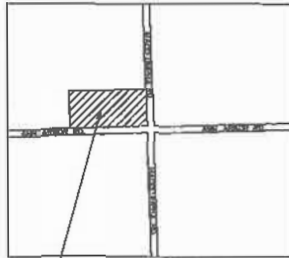
Action Taken: Meeting adjourned

PLEASE TAKE NOTE: Plymouth Township 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 Township by writing or calling the following: Human Resources, 9955 N. Haggerty Road, Plymouth, MI 48170; (734) 354-3202 TDD units: 1-800-649-3777 (MI Relay Services).

The public is invited and encouraged to attend all meetings of the Plymouth Planning Commission.

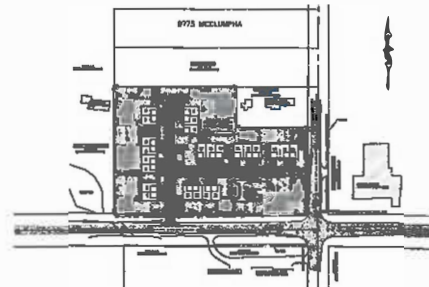
PROPOSED REZONING TOWNEPLACE CORNER PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN

OVERALL LEGAL DESCRIPTION
 PARCELS: 78 054 89 0015 000
 THE SOUTH 557.45 FEET TO THE EAST 660 FEET OF THE NORTHWEST 1/4 OF SECTION 33,
 TOWNSHIP 1 SOUTH, RANGE 8 EAST, EXCEPT THE SOUTH 55 FEET THEREOF.
 PARCELS: 78 054 89 0014 000
 5000 THE NORTH 123 FEET OF THE SOUTH 485.45 FEET OF THE EAST 660 FEET OF THE NW 1/4 OF
 SEC 33 2.00 ACRES ECL 80.
PROJECT PROPERTY COMBINED LEGAL DESCRIPTION
 PROPERTY INCLUDE PARCELS 78 054 89 0015 000 AND THE WEST 3.30 FEET OF PARCEL
 78 054 89 0014 000; MORE PARTICULARLY PARTICULARLY DESCRIBED AS: COMMENCING AT
 THE CENTER OF SECTION 33; THENCE N. 89°29'45" E., 30.00 FEET; THENCE N. 89°29'45" W.,
 30.00 FEET TO THE POINT OF BEGINNING; THENCE N. 89°29'45" W., 627.88 FEET; THENCE
 N. 89°29'45" E., 402.00 FEET; THENCE S. 89°29'45" E., 345.00 FEET; THENCE S. 89°29'45" W.,
 345.00 FEET; THENCE S. 89°29'45" E., 202.51 FEET; THENCE S. 89°29'45" E., 330.45 FEET TO
 THE POINT OF BEGINNING.
 TOTAL AREA: 5.44 ACRES.



PROJECT LOCATION LOCATION MAP

Sheet List Table	
Sheet Number	Sheet Title
CS1-100	COVER SHEET
CS-100	SURVEY SHEET
CS-200	SITE PLAN



SITE DATA:

GROSS AREA	5.44 ACRES
NET AREA	5.23 ACRES

SETBACK:

MIN. FRONT	25 FT.
MIN. REAR	50 FT.
MIN. SIDE	5 FT. TOTAL 16 FT.
MAX. HEIGHT OF BUILDING	35 FT.
MIN. LOT AREA	7,200 SQ.FT.

SITE ZONING:

EXISTING ZONING DISTRICT	"R-1-H"
PROPOSED ZONING DISTRICT	"R-1"
TOTAL NUMBER OF UNITS	24
UNIT SIZE	1,470 SQ.FT.
DENSITY	4.41 UNITS/ACRE

NOTE:

CONDITIONAL APPROVAL: THE APPLICANT AGREES TO A
 CONDITIONAL APPROVAL AS A PART OF THE APPROVAL
 PROCESS WHICH WILL ALSO INCLUDE CLUSTER HOUSING.
 SEE ATTACHED COVER LETTER FOR CONDITIONS.

DEVELOPER

CLIENT:
 PROCTOR MANAGEMENT HOLDINGS IV, LLC.
 10741 FELLOWS HILLS DR.
 PLYMOUTH TWP., MI 48170

ENGINEER

FADI KHALIL, P.E. (313-258-2038)
 AMPL DESIGN & ENGINEERING LLC.
 6300 SCHAEFER ROAD, SUITE 100
 DEARBORN, MI 48128

CLIENT

COPYRIGHT

NOT FOR CONSTRUCTION

MISS DIG 811

CONTRACTOR

SCALE

AMPL Design & Engineering
 6300 Schaefer Road, Suite 100
 Dearborn, MI 48128
 Phone: 313-258-2038
 Fax: 313-258-2039
 Email: info@ampldesign.com
 Web: www.ampldesign.com

PROJECT: TOWNEPLACE CORNER
 ANN ARBOR RD & MCCLELLAN RD.
 PLYMOUTH TWP., MI 48170

PROPOSED: 2024-11-11
 CHECKED BY: J.A.S.
 SCALE: N.T.S.
 SHEET: 1 OF 1

COVER SHEET

CS1-100

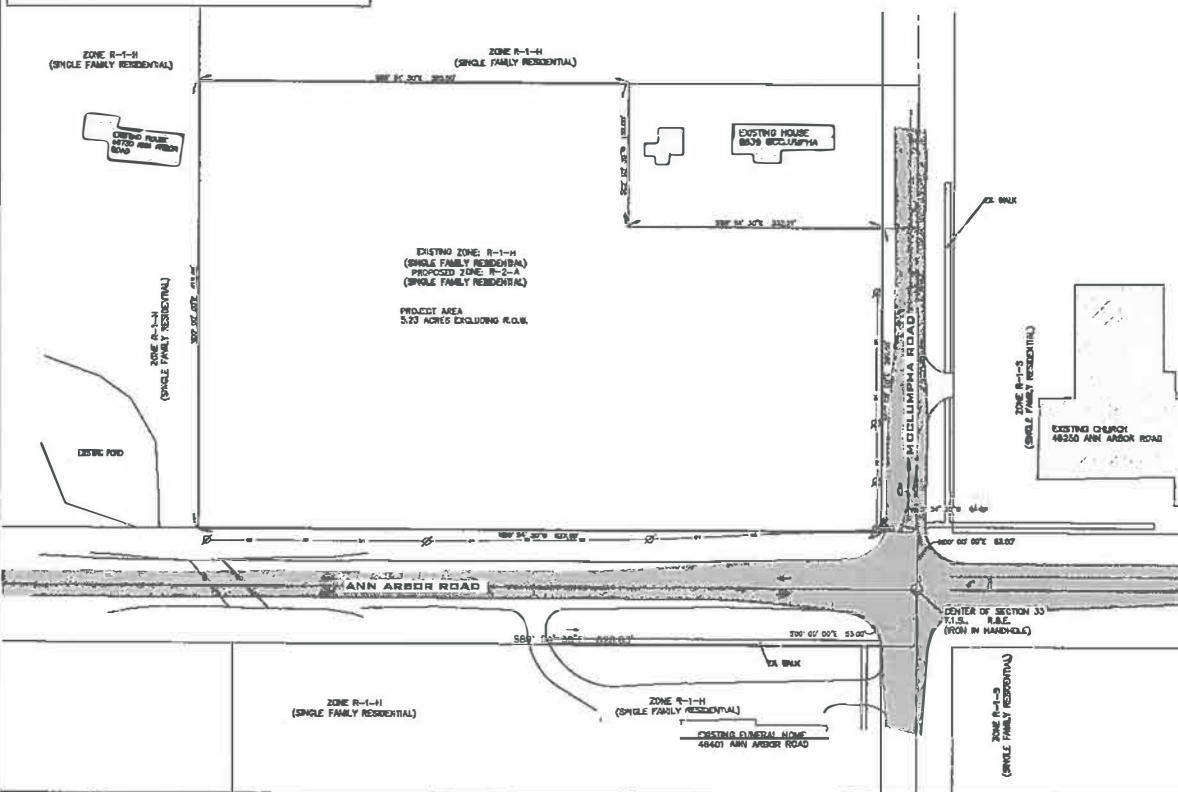
THE SOUTH 33.35 FEET TO THE EAST 880 FEET OF THE NORTHWEST 1/4 OF SECTION 33,
TOWNSHIP 1 SOUTH, RANGE 8 EAST, EXCEPT THE SOUTH 50 FEET THEREOF.
PARCEL ID: (78 054 99 001.000)

3382 THE NORTH 132 FT OF THE SOUTH 463.43 FT OF THE EAST 660 FT OF THE NW 1/4 OF
SEC 33 2.90 ACRES B31.90.

PROJECT PROPERTY COMBINED LEGAL DESCRIPTION

PROPERTY INCLUDE PARCEL 78 Q54 99 0015 D00 AND THE WEST 395 FEET OF PARCEL

79 054 39 0616 000; ONE PARTICULARLY PARTICULARLY DESCRIBED AREA COMMENCING AT THE CENTER OF SECTION 23; THENCE N. 89°42'30" E., 32.48 FEET; THENCE N. 89°43'00" W. 30.48 FEET TO THE POINT OF BEGINNING; THENCE N. 89°42'30" W., 32.48 FEET; THENCE N. 89°42'30" E., 32.48 FEET; THENCE S. 89°42'30" E., 32.48 FEET; THENCE N. 89°42'30" W. 30.48 FEET; THENCE S. 89°42'30" E., 32.48 FEET; THENCE S. 89°42'30" W., 30.48 FEET TO THE POINT OF BEGINNING.
TOTAL AREA: 5.44 ACRES.



CLM10

COPYRIGHT

No.	DATE RECEIVED	DATE
1	RECEIVED BY	05-20-75
2	RECEIVED BY	05-22-75
3	RECEIVED BY	05-28-75

**NOT FOR
CONSTRUCTION**



CONSTATANTS



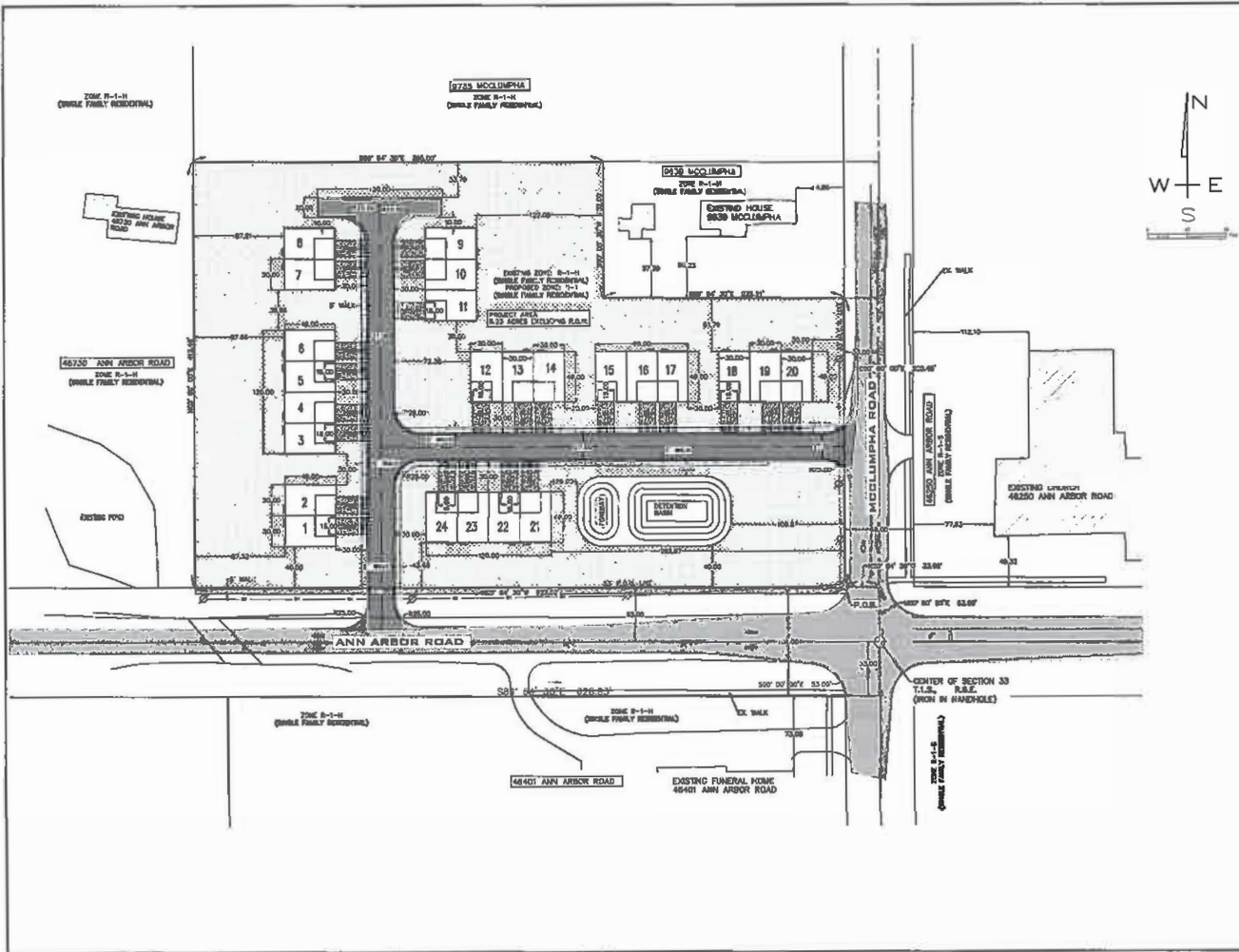
Angle Design & Engineering
 6041 Dahlheim Drive, Wap, Illinois 60090
 708/441-1111

PROJECT
TOWNPLACE CORNER
ANN ARBOR RD. & MIDDLEBURY RD.
PLYMOUTH TWP., MI 48170

PROJECT NO: 2021-111	SCALE: 1"=40'
ORIGIN BY: M.K.	CHECKED BY: P.L.
PROJECT MGR: P.L.	APPROVED BY: P.L.
SHEET TITLE	

SURVEY SHEET

CS-100



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MISSIG 811

Angle Design & Engineering

PROJECT: TOWNPLACE CORNER ANN ARBOR RD & McCLIMPHR RD, PLYMOUTH TWP., MI 48170

PROPOSED NO. 100111

DATE: 11-10-2011

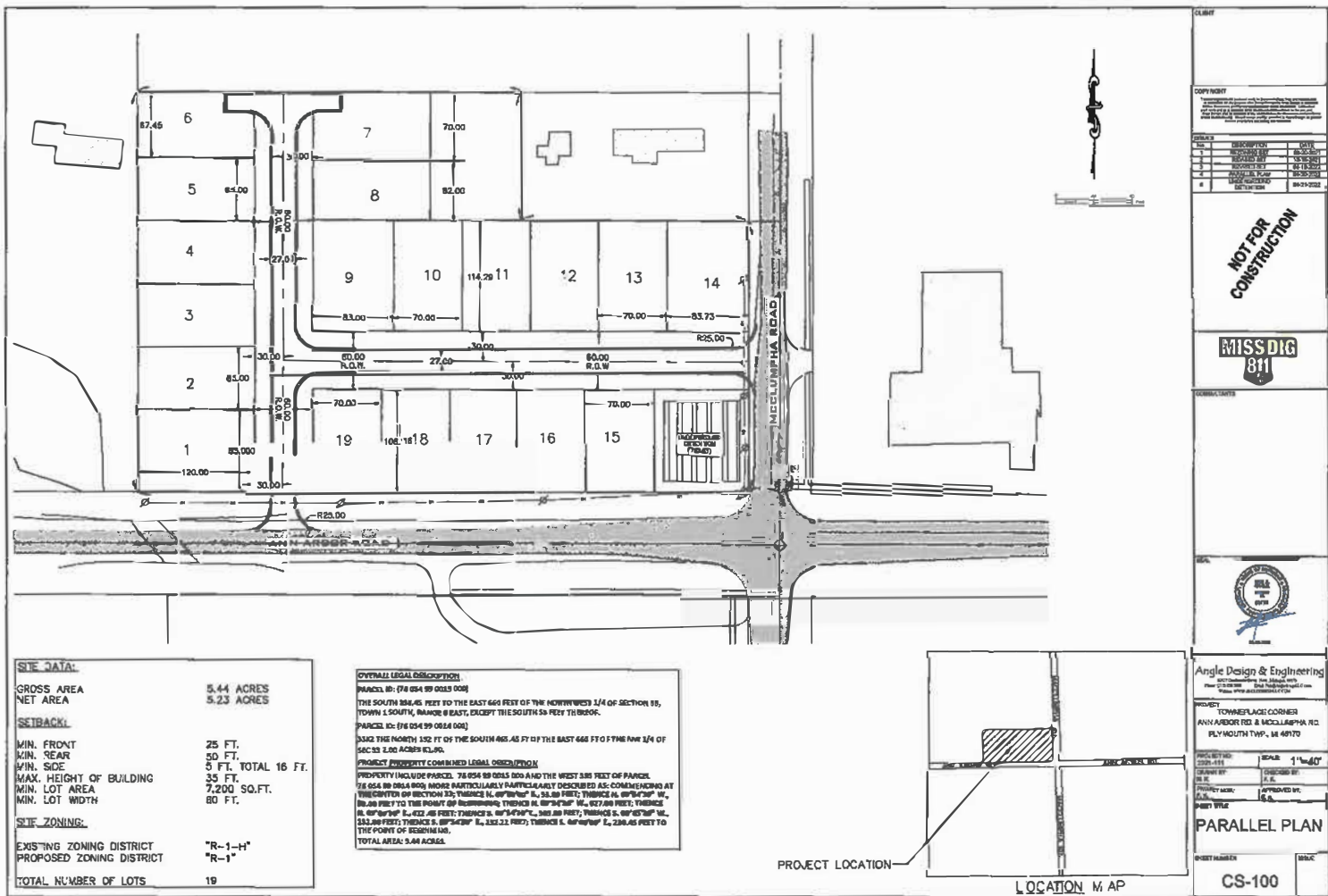
DESIGNED BY: P. H.

CHECKED BY: J. H.

APPROVED BY: J. H.

SHEET TITLE: SITE PLAN

SHEET NUMBER: CS-200



SITE DATA:	
GROSS AREA	5.44 ACRES
NET AREA	5.23 ACRES
SETBACK:	
MIN. FRONT	25 FT.
MIN. REAR	50 FT.
MIN. SIDE	5 FT. TOTAL 16 FT.
MAX. HEIGHT OF BUILDING	35 FT.
MIN. LOT AREA	7,200 SQ.FT.
MIN. LOT WIDTH	80 FT.
USE ZONING:	
EXISTING ZONING DISTRICT	"R-1-H"
PROPOSED ZONING DISTRICT	"R-1"
TOTAL NUMBER OF LOTS	19

CITY/STATE LEGAL DESCRIPTION:
PARCEL 10: (78 054 99 003 000)
THE SOUTH 336.45 FEET TO THE EAST 668 FEET OF THE NORTHWEST 1/4 OF SECTION 15,
TOWNSHIP 1 SOUTH, RANGE 8 EAST, EXCEPT THE SOUTH 55 FEET THEREOF.
PARCEL 12: (78 054 99 004 000)
334.2 THE NORTH 152 FT OF THE SOUTH 665.45 FT OF THE EAST 668 FT OF THE NORTHWEST 1/4 OF
SECTION 15 4.00 ACRES R.L.P.R.
PROPERTY INTEREST COMBINED LEGAL DESCRIPTION:
PROPERTY INCLUDES PARCEL 78 054 99 003 000 AND THE WEST 336 FEET OF PARCEL
78 054 99 004 000, MORE PARTICULARLY PARTICULARLY DESCRIBED AS: COMMENCING AT
THE CENTER OF SECTION 15; THENCE N. 89°48'00" E., 55.89 FEET; THENCE N. 89°48'00" W.,
10.49 FEET TO THE POINT OF BEGINNING; THENCE N. 89°48'00" W., 157.69 FEET; THENCE
N. 89°48'00" E., 422.45 FEET; THENCE S. 89°48'00" E., 385.28 FEET; THENCE S. 89°48'00" W.,
153.69 FEET; THENCE S. 89°48'00" E., 152.11 FEET; THENCE S. 89°48'00" E., 288.45 FEET TO
THE POINT OF BEGINNING.
TOTAL AREA: 5.84 ACRES.

CLIENT

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MISS DIG 811

DATE/TIME

Angle Design & Engineering

PROJECT

PROPOSED

SCALE

1"=50'

DESIGNED BY

APPROVED BY

PROJECT MANAGER

DATE

PARALLEL PLAN

CS-100

Nagy Devlin Land Design, L.L.C.
31736 West Chicago Avenue
Livonia, Michigan
48150
(734) 634-9208

20 October 2021

Mr. Leo Gonzalez
CRS Commercial RE Services
10741 Fellows Drive
Plymouth, Michigan 48170

Re: Tree Assessment of the Existing Woodland on the Property Located at the Northwest Corner of Ann Arbor Road and McClumpha Road in Plymouth Township, Michigan.

Dear Mr. Gonzalez:

Nagy Devlin Land Design has conducted an on-site tree investigation of the property at the northwest corner of Ann Arbor Road and McClumpha Road to analyze species composition. We also inventoried the existing trees in a sample plot measuring fifty feet by fifty feet to determine the dominant species and understory layer. Figure 1 below shows the approximate location of the sample plot (indicated with red outline) on an aerial photograph of the property. The following information is offered as a brief report on the findings of this investigation.



Figure 1: Aerial Photograph (from Wayne County).

The woodland consists of an overstory dominated by Black Locust with a few Elm. The understory is characterized by trees ranging in size from eight inches (8") diameter at breast height (d.b.h.) to fourteen inches (14") d.b.h. including Black Locust, Box Elder, Black Cherry, Elm, Sugar Maple, and Mulberry. The perimeter of the woodland along Ann Arbor Trail includes Black Walnut and Tree-of-Heaven. The shrub layer in the interior of the woodland includes predominantly Honeysuckle and Buckthorn while the perimeter area includes Staghorn Sumac and Wild Rose. The north portion of the parcel with the residence at McClumpha includes ornamental plantings of Spruce, White Pine, Gingko, and Redbud.

The trees identified in the sample plot are listed below. The dominant species is Black Locust with the majority of large trees. Several of the Black Locusts were dead with evidence of the stem only. Several were also in poor condition with many dead limbs or large dead branches. Box Elder and Elm were also numerous in the understory. Black Cherry was also recorded in the understory.

12" Black Locust Dead
12" Black Locust Dead
14" Black Locust Poor
22" Black Locust Dead
12", 20" Black Locust Poor
32" Black Locust Fair/Poor
17" Black Locust Fair
18" Black Locust Poor

9" Box Elder Fair/Poor
8" Box Elder Fair
11" Box Elder Fair
12" Box Elder Fair
4" Box Elder Poor
6" Box Elder Fair/Poor

13" Elm Dead
8" Elm Fair/Poor
23" Elm Fair/Poor
4" Elm Fair/Poor
9" Elm Fair/Poor
14" Elm Fair/Poor

6" Black Cherry Fair/Poor
12" Black Cherry Fair
4" Black Cherry Poor
6", 6" Black Cherry Fair/Poor

In general, this ecosystem would be classified as a successional woodland. The trees comprised of the woodland are considered lower quality species but are providing the ability of the ecosystem to transition to the climax forest ecosystem of Sugar Maple and Beech.

Sincerely,

J. Brian Devlin

J. Brian Devlin, R.L.A.



Ann Arbor Road and
McClumphe Road
Residential Development
Plymouth Township,
Michigan



SITE PLAN OVERLAID ONTO AERIAL PHOTOGRAPH

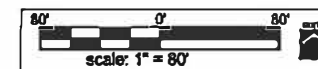
Site plan prepared by Angle Design & Engineering.

Existing woodland consisting of predominantly Black Locust with some large Sugar Maple, Sugar Maple, Black Cherry, Elm, & Box Elder. In general, the Black Locust dominate the overstory and are in poor condition. Small (less than six inch (6") d.b.h.) Sugar Maple occur in the understory.

Existing trees in and around an area of mowed lawn include Sugar Maple, Red Oak, White Pine, Fir, Norway Spruce, Hemlock, White Birch, Black Locust, Sweet Cherry, Norway Maple, Elm, & Box Elder. Ornamental trees include Redbud, Pear, & Apple. Several large Sugar Maple occur along the north property line and the majority of evergreens are clustered along the south portion of the lawn area.



Existing woodland consisting of predominantly Black Locust with some Sugar Maple, Sugar Maple, Black Cherry, Elm, & Box Elder. In general, the Black Locust dominate the overstory and are in poor condition. The understory is characterized by trees ranging in size from eight inches (8") diameter at breast height (d.b.h.) to fourteen inches (14") d.b.h. including Black Locust, Box Elder, Black Cherry, Elm, Sugar Maple, and Mulberry. The perimeter of the woodland along Ann Arbor Trail includes Black Walnut and Tree-of-Heaven.



Northwest Corner of
McClumpha Road and
Ann Arbor Road
Plymouth Township,
Michigan



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 23, 2022

ITEM: Request to Order Two 2023 Ford Transit 350 12-Passenger Vans for Senior Transportation Program

PRESENTERS: Supervisor Kurt Heise, Senior Transportation Director Kim Boyce

BACKGROUND: We are seeking Board approval to order two (2) 2023 Ford Transit 350 12-passenger vans from Signature Ford Lincoln in Owosso, MI for the Senior Transportation Program. These vans need to be ordered before September 9 to get into the queue due to supply chain issues; we hope to receive them in the Fall of 2023, and we will pay for them at that time. The total cost for both vehicles is \$111,280.00 pursuant to the State of Michigan bidding program. The total budgeted amount is \$111,300, and will be purchased in 2023 with the following funds:

- \$50,000 grant from Pulte Family Trust
- \$25,000 from Township ARPA Funds
- \$20,000 grant from a private donor on behalf of PARC
- \$5,000 from the City of Plymouth
- \$8,000 from the sale of the two existing buses
- \$3,280 from additional donations or City funds in 2023

PROPOSED MOTION: I move that the Plymouth Township Board of Trustees approve Resolution 2022-08-23-51, placing an order with Signature Ford Lincoln of Owosso, MI for two (2) 2023 Ford Transit 350 12-passenger vans for the Senior Transportation Program per the attached specifications; said vehicles to be paid in FY2023 from the 285 ARPA Fund's 285-000-970.000-2023285V0005 Capital Outlay - Senior Bus project account.

Moved By _____ Seconded By _____

ROLL CALL:

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

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

**RESOLUTION # 2022-08-23-51
ORDERING TWO 2023 FORD TRANSIT 250 12-PASSENGER VANS FOR SENIOR
TRANSPORTATION PROGRAM**

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 23, 2022, following resolution was offered:

WHEREAS, The Charter Township of Plymouth has requested the ordering of two (2) 2023 Ford Transit 350 12-passenger vans from Signature Ford Lincoln in Owosso, MI for the Senior Transportation Program that the Township operates for the benefit of Township and City residents in accordance with the attached specifications; and

WHEREAS, these vans need to be ordered now due to supply chain issues and are not expected to be received until the Fall of 2023; and

WHEREAS, the total cost for both vehicles is \$111,280.00 as determined through the State bidding process not to exceed \$111,300, and shall be purchased in FY2023 with the following funds:

- \$50,000 grant from Pulte Family Trust
- \$25,000 from Township ARPA Funds
- \$20,000 grant from a private donor
- \$5,000 from the City of Plymouth
- \$8,000 from the sale of the two existing buses
- \$3,280 from additional grants or donations in 2023

NOW THEREFORE BE IT RESOLVED, that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2022-08-23-51**, to place an order with Signature Ford Lincoln of Owosso, MI for two (2) 2023 Ford Transit 350 12-passenger vans for the Senior Transportation Program per the attached specifications; said vehicles to be purchased in FY2023 from the 285 ARPA Fund in 285-000-970.000-2023285V0005 Capital Outlay – Senior Buses project account.

Moved by: _____ Supported by: _____

ROLL CALL VOTE:

____ CC, ____ AM, ____ JV, ____ JB, ____ RD, ____ JS, ____ KH

Jerry W. Vorva, Clerk

Date

Certification

STATE OF MICHIGAN)

)

COUNTY OF WAYNE)

I hereby certify that the foregoing is a true and complete copy of the resolution adopted by the Board of Trustees at the regular Board Meeting dated August 23, 2022.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution #2022-08-23-51

Macomb Co# 21-18-MY 2019 W.1, W.2 (Wagon)
2023 Transit 350 8, 10, 12, 14 and 15 Passenger Van
9,000# 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. Auxiliary Transmission Oil Cooler is Standard.

FUNCTIONAL

- Alternator 250 amp
- Horn – Single-note
- Air Conditioning Front and Rear
- Antenna – Fender Mounted
- AM/FM stereo, 4.0" multifunction 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.
- USB Ports – 5 amps.
- Electric Power Assisted Steering (EPAS)
- Steering Wheel – Power Rack and Pinion
- Steering Wheel – Tilt and Telescoping
- Steering Column Lock
- Front – Independent MacPherson-strut, Stabilizer Bar
- Rear – Leaf Springs, Heavy-duty Gas Shock Absorbers

EXTERIOR

- Body Side Moldings – Carbon Black
- Front License Plate Bracket
- Rear Window Defroster
- 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 Display
- 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 all-season
- Rear 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
- Rear Window

- Windows All-around

INTERIOR

- Step Well Pads – Black
- Medium Center Console with integrated shifter and a dual cup holder
- Glove Box – Locking
- Rear Cargo Door – Exterior Lock Cylinder
- Power Equipment Group (Power Locks and Windows) with Remote Keyless-Entry
- Floor Covering Vinyl, Front and Rear
- Rearview Mirror
- Front Dome Lamp with Map Lights and Theater Dimming
- Full Rear Compartment Lighting
- Accessory Delay – 30 minutes
- Front Overhead Shelf, Delete
- A-Pillar Assist Handles (Driver and Passenger-side)
- B-Pillar Assist Handle (Passenger-side)
- Headliner – Cloth, Full-length
- Seating Driver and Front-passenger Manual Reclining Bucket Seats with Adjustable Headrest (Includes driver-side and passenger-side inboard armrest)
- Rear Seat(s) Recline and Inboard Armrest. **Note:** Last Row of Seats do not recline.
- Manual Driver-side Lumbar
- 12-Passenger Seating
- Sun visors

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
 - Stationary Elevated Idle Control (SEIC)
 - Tire Pressure Monitoring System (TPMS)
 - Driver and Passenger Airbags
 - Safety Canopy® Side-curtain Airbags

FORD CO-PILOT360 TECHNOLOGY

- Forward Collision Warning
- Hill Start Assist
- Post-Collision Braking
- Pre-Collision Assist with Automatic Emergency Braking
- Side Wind Stabilization
- Lane-Keeping System
- Auto High-Beam Headlamps
- Rear View Camera with Trailer Hitch Assist.
- Automatic Rain-Sensing Windshield Wipers

Option Included in Base Price: Cruise Control with Message Center (60C)

Base Prices Low Roof (83.6") 12 Passenger Seating (W.2)

[] Transit 350 (X2Y/301A/43E) 148" Long Wheelbase	\$46,544.00
[] Transit 350 (X9Y/301A/43E) 148" Long Wheelbase All -Wheel Drive	\$50,781.00

Base Prices Medium Roof (100.8") 12 Passenger Seating

[] Transit 350 (X2C/301A/43E) 148" Long Wheelbase	\$47,564.00
[] Transit 350 (X9C/301A/43E) 148" Long Wheelbase All-Wheel Drive	\$51,800.00

Base Prices High Roof (110.1") 12 Passenger Seating

[] Transit 350 (X2X/301A/43E) 148" Long Wheelbase	\$48,868.00
<input checked="" type="checkbox"/> Transit 350 (X9X/301A/43E) 148" Long Wheelbase All-Wheel Drive	\$53,105.00

Base Prices Low Roof (83.6") 15 Passenger Seating(W.1)

[] Transit 350 (X2Y/301A/96P/43E) 148" Long Wheelbase	\$47,834.00
[] Transit 350 (X9Y/301A/96P/43E) 148" Long Wheelbase All-Wheel Drive	\$52,071.00

Base Prices Medium Roof (100.8") 15 Passenger Seating

[] Transit 350 (X2C/301A/96P/43E) 148" Long Wheelbase	\$48,854.00
[] Transit 350 (X9C/301A/96P/43E) 148" Long Wheelbase All-Wheel Drive	\$53,090.00

Base Prices High Roof (110.1") 15 Passenger Seating

[] Transit 350 (X2X/301A/96P/43E) 148" Long Wheelbase	\$50,158.00
[] Transit 350 (X9X/301A/96P/43E) 148" Long Wheelbase All-Wheel Drive	\$54,395.00

Base Prices Medium Roof (100.8") 8 Passenger Seating

[] Transit 350 (X2C/301A/43E) 148" Long Wheelbase	\$47,270.00
[] Transit 350 (X9C/301A/43E) 148" Long Wheelbase All-Wheel Drive	\$51,600.00

Base Prices High Roof (110.1") 8 Passenger Seating

[] Transit 350 (X2X/301A/43E) 148" Long Wheelbase	\$48,574.00
[] Transit 350 (X9X/301A/43E) 148" Long Wheelbase All-Wheel Drive	\$52,811.00

Base Prices High Roof (109.4"), Dual Rear Wheel 10 Passenger Seating

[] Transit 350 HD EL (U4X/301A) 148" Long Wheelbase	\$49,535.00
[] Transit 350 HD EL (U5X/301A) 148" Long Wheelbase All-Wheel Drive	\$55,508.00

Base Prices High Roof (109.4"), Dual Rear Wheel 14 Passenger Seating

[] Transit 350 HD EL (U4X/301A) 148" Long Wheelbase	\$49,755.00
[] Transit 350 HD EL (U5X/301A) 148" Long Wheelbase All-Wheel Drive	\$55,728.00

Base Prices High Roof (109.4"), Dual Rear Wheel 15 Passenger Seating

[] Transit 350 HD EL (U4X/301A) 148" Long Wheelbase	\$49,829.00
[] Transit 350 HD EL (U5X/301A) 148" Long Wheelbase All-Wheel Drive	\$55,802.00

<u>Available Options</u>	<u>Code</u>	<u>Price</u>
<input type="checkbox"/> 3.5L EcoBoost V-6 Engine	99G/44U	1775.00
<input type="checkbox"/> Vehicle Maintenance Monitor	61C	45.00
<input type="checkbox"/> Heater, Engine Block	41H	75.00
<input type="checkbox"/> Dual Batteries 70 amp-hr (ea)	63E	295.00
<input type="checkbox"/> Dual Batteries 70 amp-hr (ea) and Dual Alternators 250 Amps (ca)	63E/63C	845.00
<u>(Available only with 3.5L Eco Boost Engine)</u>		
<input type="checkbox"/> Axle, Limited Slip	X_L	325.00
<input type="checkbox"/> HID Headlamps	91A	455.00
<input type="checkbox"/> Auto lamp with Wiper Activated Headlamps	91B	35.00
<input type="checkbox"/> Fog Lamps	55D	105.00
<input type="checkbox"/> Seats Cloth, 2-way manual driver and Passenger Seats	21L/21M	115.00
<input type="checkbox"/> Seats Cloth 10-way power heated driver and Passenger Seats	21Q/21R	875.00
<input type="checkbox"/> Vinyl Sun Visors with Illuminated Vanity Mirror	85C	75.00
<input type="checkbox"/> Front Overhead Shelf	66D	75.00
<input type="checkbox"/> Adaptive Cruise Control	60D	755.00
<input checked="" type="checkbox"/> Blind Spot Information System (BLIS)	65A	795.00
<input type="checkbox"/> Enhanced Active Park Assist	94B	895.00
<input type="checkbox"/> 360-Degree Camera with Split-View and Front Washer	61D	1000.00
<input type="checkbox"/> Perimeter Anti-Theft Alarm	59D	155.00
<input checked="" type="checkbox"/> Daytime Running Lights	942	45.00
<input type="checkbox"/> Short Arm Non Telescoping Mirrors-Power Heated with Turn Signals	545	160.00
<input type="checkbox"/> Long Arm Non Telescoping Mirrors-Power	543	65.00
<input type="checkbox"/> Long Arm Non Telescoping Mirrors-Power Heated with Turn Signals	543/544	285.00
<input type="checkbox"/> Trailer Tow Package-Heavy Duty	53B	485.00
<input type="checkbox"/> Trailer Tow Package w/Integrated Trailer Brake Controller	67D/53B	1215.00
<input checked="" type="checkbox"/> Back Up Alarm	43B	150.00
<input checked="" type="checkbox"/> Reverse Sensing System	43R	295.00
<input checked="" type="checkbox"/> Keyless-Entry Pad	52C	95.00
<input type="checkbox"/> Remote Start	68B	495.00
<input type="checkbox"/> 60/40 Hinged Passenger Side Door <u>(Low Roof Only)</u>	59A	N/C
<input checked="" type="checkbox"/> Privacy Glass	92E	500.00
<input type="checkbox"/> Dual-Note Horn	85D	20.00
<input type="checkbox"/> <u>Upfitter Package</u> (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
??? <input checked="" type="checkbox"/> Extended Length Running Boards	68J	655.00
<input type="checkbox"/> (2) Additional Keys w/FOBS	86F	75.00
<input type="checkbox"/> AM/FM Stereo, Bluetooth, Dual USB Ports, SYNC3, and a 4.0 inch Multi-Function display	58V	280.00
<input type="checkbox"/> SYNC 4 with 12-inch Display	58B/61E	930.00
<input type="checkbox"/> SYNC 4 with Sirius XM with 360L, HD Radio, & 12-inch Display	58C/61E	1165.00
<input type="checkbox"/> SYNC 4 with Sirius XM with 360L, HD Radio, Navigation Cruise Control & 12-inch Display	58E/61E/60C	1780.00
<input type="checkbox"/> SYNC 4 with Sirius XM with 360L, HD Radio, Navigation Intelligent Adaptive Cruise Control & 12-inch Display	58F/61E	2050.00

Total Price \$ 54,985.00 (Each)

(\$55,640.00)... with running boards.

Colors for Transit 350 Passenger Van

<u>Solid</u>	<u>Interior Colors</u>	
<u>Exterior Colors</u>	<u>Pewter (VK/CK)</u>	<u>Charcoal (CB) (Cloth Only)</u>
School Bus Yellow	[BY] []	[]
Race Red	[PQ] []	[]
Oxford White	[YZ] <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<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] []	[]

2021 FORD TRANSIT

TECHNICAL SPECIFICATIONS



BODY

Body construction/materials	Steel unibody
Body style	Passenger Wagon, Cargo and Crew Van, 130" or 148" wheelbase. Low, Medium and High roof. Regular, Long, and Extended length.
Trim levels	XL & XLT Passenger Van Only
Final assembly location	Kansas City Assembly Plant, Kansas City, MO

DRIVETRAIN

Layout standard	Front Engine, Rear Wheel Drive
Layout optional	Front Engine, All-Wheel Drive

ENGINES

	3.5L PFDI V6 engine	3.5L EcoBoost® V6 engine
Configuration	Naturally-aspirated V6, overhead cams	Twin-turbocharged and intercooled V6, overhead cams
Block/head material	Aluminum block, aluminum heads	Aluminum block, aluminum heads
Displacement	3.5 liters (213 cubic inches)	3.5 liters (213 cubic inches)
Bore x stroke	3.64 x 3.41 inches	3.64 inches x 3.41 inches
Compression ratio	11.8:1	10.0:1
Valvetrain	Double overhead cam, direct acting mechanical bucket, 24 valves	Double overhead cam, direct acting mechanical bucket, 24 valves
Ignition system	Coil on plug	Coil on plug
Fuel delivery	Port fuel injection with direct injection	Port fuel injection with direct injection
Recommended fuel	Regular Unleaded or E85	Regular Unleaded or E85
Engine control system	Electronic	Electronic
Oil capacity/grade	6 quarts	6 quarts
Coolant capacity	14.25 liters (15.1 qt.)	14.1 liters (14.9 qt), 15.5 liters (16.4 qt) with auxiliary heater
SAE Horsepower	275 hp @ 6,500 rpm	310 hp @ 5,000 rpm
SAE Torque	262 ft.-lbs. @ 3,750 rpm	400 ft.-lbs. @ 2,500 rpm

ELECTRICAL

Alternator	Standard Alternator: 250 amp alternator on 3.5L PFDI V6 and 3.5L EcoBoost® V6 engines. Available Dual Alternator: 250 amps each - Includes Auxiliary Fuse Panel with High Spec Interface Connector. Included with Ambulance Prep Packages. Available on 3.5L EcoBoost® V6 engine only.
Battery	Single Battery - 70 amp-hr Standard on 3.5L PFDI V6 engine only Single AGM Battery - 70 amp-hr Standard on 3.5L EcoBoost® V6 engine. Available on 3.5L PFDI V6 engine. Dual AGM Batteries - 70 amp-hr each. Available on 3.5L EcoBoost® V6 and 3.5L PFDI V6 engines

TRANSMISSION

	Ten-speed SelectShift® Automatic Transmission
Configuration	Electronically controlled hydraulic 10-speed automatic
Gear ratios:	(:1)
1st	4.696
2nd	2.985
3rd	2.146
4th	1.769
5th	1.520
6th	1.275



7th	1.000
8th	0.854
9th	0.689
10th	0.636
Reverse	-4.866

SUSPENSION

Front configuration	Front independent MacPherson strut suspension w/stabilizer bar
Front shock absorber type	Gas-pressurized
Rear configuration	Solid rear axle, leaf springs
Rear shock absorber type	Gas-pressurized

STEERING

Type	Electric Power-Assisted	
	130-inch wheelbase	148-inch wheelbase
Turning circle, curb-to-curb (feet)	42.9 feet	47.8 feet

BRAKES

Front type	Power anti-lock disc
Front rotor diameter (outer/inner)	12.1 inches / 6.5 inches
Front caliper configuration	2 calipers, 1.89 inches diameter
Front axle total swept area	163 square inches
Rear type	Power anti-lock disc
Rear rotor diameter (outer/inner)	12.1 inches / 7.9 inches
Rear caliper configuration	Single caliper, 2.13 inches diameter
Rear axle total swept area	133 square inches
Parking brake (type)	Rear brake integrated caliper, hand-operated

FUEL CAPACITY

Standard	25 gallons
Optional	31 gallons

SAFETY/CONTROL SYSTEMS

ABS/stability control	Four-Wheel Anti-Lock Brakes, AdvanceTrac® with Roll Stability Control™ (RSC®), Side-Wind Stabilization System
Airbags	Driver and passenger front airbags, driver and passenger front-seat mounted side airbags, and Safety Canopy® side curtains
Chassis safety	Tire Pressure Monitoring System (TPMS), SOS Post-Crash Alert System™

DRIVER ASSIST

Standard	Post-Collision Braking, Pre-Collision Assist with Automatic Emergency Braking (AEB), Auto High-Beam Headlamps, Lane-Keeping System and Forward Collision Warning.
Available	Adaptive Cruise Control - includes Adjustable Speed Limiting Device (ASLD), Enhanced Active Park Assist, Blind Spot Information System (BLIS®) with Cross-traffic Alert and Trailer Coverage, Side Sensing System, Front and Rear Split-View Camera.



WHEELS

Feature	Cargo Van	Crew Van	Passenger Van XL	Passenger Van XLT	Cutaway	Chassis Cab
16-inch steel wheel; sparkle silver-painted with black hubcaps (Standard front axle configurations only) SRW.	S	S	S	N/A	S	S
16-inch steel wheel sparkle silver-painted with full silver wheel cover (standard front axle configurations only) SRW.	O	O	O	S	O	O
16-inch steel wheel sparkle silver-painted with exposed lug nuts (heavy-duty front axle configurations only) SRW.	S	S	S	S	S	S
16-inch styled aluminum wheel (standard front axle configurations only). Available with exterior upgrade package – SRW.	O	O	O	O	O	O
16-inch forged aluminum wheel (heavy-duty front axle configurations only). Available with exterior upgrade package – SRW (heavy-duty front axle configurations only).	O	O	O	O	O	O
16-inch heavy-duty forged aluminum wheel (standard front axle configurations only). Available with exterior upgrade package – DRW (standard front axle configurations only).	O	O	O	O	O	O
16-inch heavy-duty forged aluminum wheel (heavy-duty front axle configurations only). Available with exterior upgrade package – DRW (heavy-duty front axle configurations only).	O	O	O	O	O	O
16-inch steel wheel with exposed lug nuts. (standard front axle configurations only) (Fleet Only). Available with exterior upgrade package – DRW	P/F	P/F	F	P/F	P/F	P/F
16-inch heavy-duty sparkle silver-painted steel wheel with exposed lug nuts - DRW (standard on standard front axle configurations) & (standard on heavy-duty front axle configurations)	S	S	S	S	S	S

Note: P = Packaged Option F = Fleet Option

HEADLIGHTS

Standard hi/low automatic on/off	Halogen
Available	HID with LED signature surround
Fog lamps (Optional)	Halogen



EXTERIOR DIMENSIONS: PASSENGER VAN, CREW VAN, CARGO VAN (inches unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof height	Low	Medium	Low	Medium	High	High
Passenger Van						
Wheelbase	129.9	129.9	147.6	147.6	147.6	147.6
Length	219.9	217.8	237.6	235.5	235.5	263.9
Height	82.3	98.8	99.9	99.2	108.6	107.7
Width - Excluding Mirrors (SRW/DRW)	81.3	81.3	81.3	81.3	81.3	81.3
Width - Including Mirrors	97.4	97.4	97.4	97.4	97.4	97.4
Width - Mirrors Folded	83.2	83.2	83.2	83.2	83.2	83.2
Front Track	68.2	68.2	68.2	68.2	68.2	68.2
Rear Track	68.6	68.6	68.6	68.6	68.6	68.6
Front Overhang	40.3	40.3	40.3	40.3	40.3	40.3
Rear Overhang	49.7	47.6	49.7	47.6	47.6	76.0
Load Height (Curb)	28.2	28.2	28.8	28.8	28.8	27.8
Rear Cargo Door Opening Height	46.9	62.8	46.9	62.8	72.2	72.2
Rear Cargo Door Opening Width	59.8	59.8	59.8	59.8	59.8	59.8
Minimum ground clearance						
Crew Van						
Wheelbase	129.9	129.9	147.6	147.6	147.6	147.6
Overall Length	219.9	217.8	237.6	235.5	235.5	263.9
Height	82.2	99.1	82.6	100.3	109.2	110.2
Width - Excluding Mirrors (SRW/DRW)	81.3	81.3	81.3	81.3	81.3	81.3
Width - Including Mirrors	97.4	97.4	97.4	97.4	97.4	97.4
Width - Mirrors Folded	83.2	83.2	83.2	83.2	83.2	83.2
Front Track (SRW/DRW)	68.2	68.2	68.2	68.2	68.2	68.2
Rear Track (SRW/DRW)	68.6	68.6	68.6	68.6	68.6	68.6
Front Overhang	40.3	40.3	40.3	40.3	40.3	40.3
Rear Overhang	49.7	47.6	49.7	47.6	47.6	76.0
Load Height (Curb)	28.9	28.9	28.7	28.7	28.7	28.0
Side Cargo Door Opening Height	49.6	63.0	49.6	63.0	63.0	63.0
Side Cargo Door Opening Width - Hinged	51.2	51.2	51.2	51.2	51.2	51.2
Side Cargo Door Opening Width - Sliding	51.2	51.2	51.2	51.2	51.2	51.2
Rear Cargo Door Opening Height	49.5	64.9	49.5	64.9	74.3	74.3
Rear Cargo Door Opening Width	61.7	61.7	61.7	61.7	61.7	61.7
Minimum ground clearance						
Cargo Van						
Wheelbase	129.9	129.9	147.6	147.6	147.6	147.6
Overall Length	219.9	217.8	237.6	235.5	235.5	263.9
Height	82.2	99.1	82.9	101.3	109.6	110.4
Width - Excluding Mirrors (SRW/DRW)	81.3	81.3	81.3	81.3	81.3	81.3/83.7
Width - Including Mirrors	97.4	97.4	97.4	97.4	97.4	97.4
Width - Mirrors Folded	83.2	83.2	83.2	83.2	83.2	83.2/83.7
Front Track (SRW/DRW)	68.2	68.2	68.2	68.2	68.2	68.2/68.5
Rear Track (SRW/DRW)	68.6	68.6	68.6	68.6	68.6	68.6/65.7
Front Overhang	40.3	40.3	40.3	40.3	40.3	40.3
Rear Overhang	49.7	47.6	49.7	47.6	47.6	76.0
Load Height (Curb)	28.9	28.9	28.7	28.7	28.7	28.0
Side Cargo Door Opening Height	49.6	63.0	49.6	63.0	63.0	63.0
Side Cargo Door Opening Width - Hinged	51.2	51.2	51.2	51.2	51.2	51.2



Side Cargo Door Opening Width-Sliding	51.2	51.2	51.2	51.2	51.2	51.2
Rear Cargo Door Opening Height	49.5	64.9	49.5	64.9	74.3	74.3
Rear Cargo Door Opening Width	61.7	61.7	61.7	61.7	61.7	61.7
Minimum ground clearance						

INTERIOR DIMENSIONS (Inches unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof height	Low	Medium	Low	Medium	High	High
Passenger Van						
Head Room - First Row	40.8	52	40.8	52	56.6	56.6
Head Room - Second Row (where applicable)	41.1	55.8	41.1	55.8	65.2	65.2
Head Room - Third Row (where applicable)	40.6	55.8	40.6	55.8	65.2	65.2
Head Room - Fourth Row (where applicable)	38.7	55.8	38.7	55.8	65.2	65.2
Head Room - Fifth Row (where applicable)	N/A	N/A	38.1	52.6	61.3	61.3
Leg Room - First Row (Max.)	41.3	41.3	41.3	41.3	41.3	41.3
Leg Room - Second Row (where applicable)	33.7	33.7	33.7	33.7	33.7	33.7
Leg Room - Third Row (where applicable)	35.6	35.6	35.6	35.6	35.6	35.6
Leg Room - Fourth Row (where applicable)	35.6	35.6	35.6	35.6	35.6	35.6
Leg Room - Fifth Row (where applicable)	N/A	N/A	35.6	35.6	35.6	35.6
Hip Room - First Row	60.7	60.7	60.7	60.7	60.7	60.7
Hip Room - Second Row (where applicable)	69.6	69.6	69.6	69.6	69.6	69.6
Hip Room - Third Row (where applicable)	67.3	67.3	67.3	67.3	67.3	67.3
Hip Room - Fourth Row (where applicable)	68	68	68	68	68	68
Hip Room - Fifth Row (where applicable)	N/A	N/A	68	68	68	68
Shoulder Room - First Row	67.9	67.9	67.9	67.9	67.9	67.9
Shoulder Room - Second Row (where applicable)	71.4	71.4	71.4	71.4	71.4	71.4
Shoulder Room - Third Row (where applicable)	67	67	67	67	67	67
Shoulder Room - Fourth Row (where applicable)	67.8	67.8	67.8	67.8	67.8	67.8
Shoulder Room - Fifth Row (where applicable)	N/A	N/A	67.8	67.8	67.8	67.8
Cargo Length Front (at Floor)	124	124	141.7	141.7	141.7	170.2
Cargo Length Front (at Belt)	115.1	115.1	132.8	132.8	132.8	161.3
Cargo Length Between Wheelhouse (SRW/DRW)	53.7	53.7	53.7	53.7	53.7	53.7
Cargo Height Maximum	52.8	67.6	52.8	67.6	77	77
Crew Van						
Head Room - First Row	40.8	52	40.8	52.0	56.6	56.6
Maximum Leg Room - First Row	41.3	41.3	41.3	41.3	41.3	41.3
Leg Room - First Row (Max.)	39.7	39.7	39.7	39.7	39.7	39.7
Hip Room - First Row	60.7	60.7	60.7	60.7	60.7	60.7
Shoulder Room - First Row	67.9	67.9	67.9	67.9	67.9	67.9
Cargo Length Front (at Floor)	126.0	126.0	143.7	143.7	143.7	172.2
Cargo Length Front (at Belt)	115.9	115.9	133.6	133.6	133.6	162.0
Cargo Length Between Wheelhouse (SRW/DRW)	54.8	54.8	54.8	54.8	54.8	54.8
Cargo Height Maximum	56.9	72.0	56.9	72.0	81.5	81.5
Cargo Van						
Head Room - First Row	40.8	52.0	40.8	52.0	56.6	56.6
Leg Room - First Row (Max.)	41.3	41.3	41.3	41.3	41.3	41.3
Hip Room - First Row	60.7	60.7	60.7	60.7	60.7	60.7
Shoulder Room - First Row	67.9	67.9	67.9	67.9	67.9	67.9
Cargo Length Front (at Floor)	126.0	126.0	143.7	143.7	143.7	172.2
Cargo Length Front (Belt)	115.9	115.9	133.6	133.6	133.6	162.0
Cargo Length Between Wheelhouse (SRW/DRW)	54.8	54.8	54.8	54.8	54.8	54.8/45.4



Cargo Height Maximum	56.9	72	56.9	72.0	81.5	81.5
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BASE CURB WEIGHT (pounds unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof Height	Low	Medium	Low	Medium	High	High
Passenger Van						
3.5L PFDI Gas (RWD/AWD)	5,621/5,856	5,815/6,040	6,023/6,259	6,152/6,388	6,298/6,534	6,865/N/A
3.5L EcoBoost (RWD/AWD)	N/A	N/A	6,105/6,338	6,235/6,468	6,381/6,614	6,948/7,187
Cargo Van						
3.5L PFDI Gas (RWD/AWD)	4,985/5,210	5,115/5,340	5,087/5,323	5,235/5,471	5,330/5,566	5,533/5,769
3.5L EcoBoost (RWD/AWD)	5,066/5,294	5,201/5,429	5,171/5,403	5,318/5,550	5,413/5,645	5,615/5,847
Crew Van						
3.5L PFDI Gas (RWD/AWD)	5,308/5,533	5,438/5,663	5,410/5,646	5,558/5,794	5,653/5,889	6,066/6,308
3.5L EcoBoost (RWD/AWD)	5,389/5,616	5,524/5,752	5,513/5,726	5,660/5,873	5,755/5,968	6,175/6,338

CAPACITIES (cubic feet unless otherwise noted)

Length	Regular	Regular	Long	Long	Long	Long-EL
Roof	Low	Medium	Low	Medium	High	High
Passenger Van						
Seating	2, 8, 10	2, 5, 8, 10	2, 12, 14, 15	2, 8, 12, 14, 15	2, 8, 12, 14, 15	2, 10, 14, 15
Cargo Volume Behind First Row (range)	224.5	292.7	223.5 – 256.4	303.1 – 336.1	349.6 – 382.6	425.4 – 461.9
Cargo Volume Behind Second Row (range)	115.8	197.9	150.0 – 183.0	206.8 – 239.8	240.1 – 273.0	313.1
Cargo Volume Behind Third Row (range)	94.2	125	91.5 – 124.5	133.9 – 166.9	157 – 190	230
Cargo Volume Behind Fourth Row (range)	39.1	51.8	48.9 – 70.1	72.8 – 93.9	85.8 – 107	184
Cargo Volume Behind Fifth Row	N/A	N/A	N/A	N/A	N/A	100.5
Crew Van						
Seating	5	5	5	5	5	5
Cargo Volume Behind Second Row	158.4	220.4	204.7	263.4	300.2	383.8
Cargo Van						
Seating	2	2	2	2	2	2
Cargo Volume Behind First Row	246.7	315.2	277.7	357.1	404.3	487.3
Maximum Cargo Volume with Front Passenger Seat Removed	280.9	358.7	311.9	400.5	453.4	536.4

MAXIMUM PAYLOAD CAPABILITIES

Cargo Van							
Transit Level	Roof	Length	Wheelbase (in.)	Engine	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)



T-150	Low	Regular	129.9	3.5L PFDI V6	RWD	8,670	3,630
T-150	Low	Regular	129.9	3.5L EcoBoost V6	RWD	8,670	3,550
T-150	Low	Regular	129.9	3.5L PFDI V6	AWD	8,670	3,400
T-150	Low	Regular	129.9	3.5L EcoBoost V6	AWD	8,670	3,320
T-150	Low	Long	147.6	3.5L PFDI V6	RWD	8,670	3,530
T-150	Low	Long	147.6	3.5L EcoBoost V6	RWD	8,670	3,440
T-150	Low	Long	147.6	3.5L PFDI V6	AWD	8,670	3,290
T-150	Low	Long	147.6	3.5L EcoBoost V6	AWD	8,670	3,210
T-150	Medium	Regular	129.9	3.5L PFDI V6	RWD	8,670	3,500
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	8,670	3,410
T-150	Medium	Regular	129.9	3.5L PFDI V6	AWD	8,670	3,270
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	8,670	3,180
T-150	Medium	Long	147.6	3.5L PFDI V6	RWD	8,670	3,380
T-150	Medium	Long	147.6	3.5L EcoBoost V6	RWD	8,670	3,290
T-150	Medium	Long	147.6	3.5L PFDI V6	AWD	8,670	3,140
T-150	Medium	Long	147.6	3.5L EcoBoost V6	AWD	8,670	3,060
T-250	Low	Regular	129.9	3.5L PFDI V6	RWD	9,070	4,030
T-250	Low	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,950
T-250	Low	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,800
T-250	Low	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,720
T-250	Low	Long	147.6	3.5L PFDI V6	RWD	9,070	3,930
T-250	Low	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,840
T-250	Low	Long	147.6	3.5L PFDI V6	AWD	9,070	3,690
T-250	Low	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,610
T-250	Medium	Regular	129.9	3.5L PFDI V6	RWD	9,070	3,900
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,810
T-250	Medium	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,670
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,580
T-250	Medium	Long	147.6	3.5L PFDI V6	RWD	9,070	3,780
T-250	Medium	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,690
T-250	Medium	Long	147.6	3.5L PFDI V6	AWD	9,070	3,540
T-250	Medium	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,460
T-250	High	Long	147.6	3.5L PFDI V6	RWD	9,070	3,680
T-250	High	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,600
T-250	High	Long	147.6	3.5L PFDI V6	AWD	9,070	3,440
T-250	High	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,360
T-250	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,070	3,480
T-250	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	9,070	3,390
T-250	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,070	3,240
T-250	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	9,070	3,160



MAXIMUM PAYLOAD CAPABILITIES CONTINUED

Crew Van							
Transit Level	Roof	Length	Wheelbase (in.)	Engine	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-150	Medium	Regular	129.9	3.5L PFDI V6	RWD	8,670	3,170
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	8,670	3,090
T-150	Medium	Regular	129.9	3.5L PFDI V6	AWD	8,670	2,950
T-150	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	8,670	2,860
T-150	Medium	Long	147.6	3.5L PFDI V6	RWD	8,670	3,050
T-150	Medium	Long	147.6	3.5L EcoBoost V6	RWD	8,670	2,950
T-150	Medium	Long	147.6	3.5L PFDI V6	AWD	8,670	2,810
T-150	Medium	Long	147.6	3.5L EcoBoost V6	AWD	8,670	2,730
T-250	Low	Regular	129.9	3.5L PFDI V6	RWD	9,070	3,700
T-250	Low	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,620
T-250	Low	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,480
T-250	Low	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,390
T-250	Low	Long	147.6	3.5L PFDI V6	RWD	9,070	3,600
T-250	Low	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,500
T-250	Low	Long	147.6	3.5L PFDI V6	AWD	9,070	3,360
T-250	Low	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,280
T-250	Medium	Regular	129.9	3.5L PFDI V6	RWD	9,070	3,570
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	9,070	3,490
T-250	Medium	Regular	129.9	3.5L PFDI V6	AWD	9,070	3,350
T-250	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	9,070	3,260
T-250	Medium	Long	147.6	3.5L PFDI V6	RWD	9,070	3,450
T-250	Medium	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,350
T-250	Medium	Long	147.6	3.5L PFDI V6	AWD	9,070	3,210
T-250	Medium	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,130
T-250	High	Long	147.6	3.5L PFDI V6	RWD	9,070	3,360
T-250	High	Long	147.6	3.5L EcoBoost V6	RWD	9,070	3,250
T-250	High	Long	147.6	3.5L PFDI V6	AWD	9,070	3,120
T-250	High	Long	147.6	3.5L EcoBoost V6	AWD	9,070	3,040
T-350	Low	Regular	129.9	3.5L PFDI V6	RWD	9,250	3,880
T-350	Low	Regular	129.9	3.5L EcoBoost V6	RWD	9,250	3,800
T-350	Low	Regular	129.9	3.5L PFDI V6	AWD	9,250	3,660
T-350	Low	Regular	129.9	3.5L EcoBoost V6	AWD	9,250	3,570
T-350	Low	Long	147.6	3.5L PFDI V6	AWD	9,500	3,790
T-350	Low	Long	147.6	3.5L PFDI V6	RWD	9,500	4,030
T-350	Low	Long	147.6	3.5L EcoBoost V6	RWD	9,500	3,930
T-350	Low	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,720
T-350	Medium	Regular	129.9	3.5L PFDI V6	RWD	9,250	3,750
T-350	Medium	Regular	129.9	3.5L EcoBoost V6	RWD	9,250	3,670
T-350	Medium	Regular	129.9	3.5L PFDI V6	AWD	9,250	3,530
T-350	Medium	Regular	129.9	3.5L EcoBoost V6	AWD	9,250	3,440
T-350	Medium	Long	147.6	3.5L PFDI V6	RWD	9,500	3,880
T-350	Medium	Long	147.6	3.5L EcoBoost V6	RWD	9,500	3,780



MAXIMUM PAYLOAD CAPABILITIES CONTINUED

Crew Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-350	Medium	Long	147.6	3.5L PFDI V6	AWD	9,500	3,640
T-350	Medium	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,560
T-350	High	Long	147.6	3.5L PFDI V6	RWD	9,500	3,790
T-350	High	Long	147.6	3.5L EcoBoost V6	RWD	9,500	3,690
T-350	High	Long	147.6	3.5L PFDI V6	AWD	9,500	3,550
T-350	High	Long	147.6	3.5L EcoBoost V6	AWD	9,500	3,470
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,900	3,770
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,900	3,520
T-350HD DRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	9,950	3,820
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	9,950	3,710
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	AWD	9,950	3,570
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	9,950	3,490
T-350HDDRW	High	Long-EL	147.6	3.5L PFDI V6	RWD	10,360	4,230
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	RWD	10,360	4,120
T-350HDDRW	High	Long-EL	147.6	3.5L EcoBoost V6	AWD	10,360	3,900

Passenger Van

Transit Level	Roof	Length	Wheelbase (in.)	Engine	Seating	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-150	Low	Regular	129.9	3.5L PFDI V6	10	RWD	8,550	2,860
T-150	Low	Regular	129.9	3.5L PFDI V6	10	AWD	8,550	2,630
T-150	Medium	Regular	129.9	3.5L PFDI V6	10	RWD	8,550	2,670
T-150	Medium	Regular	129.9	3.5L PFDI V6	10	AWD	8,550	2,440
T-350	Low	Long	147.6	3.5L PFDI V6	12	RWD	9,250	3,160
T-350	Low	Long	147.6	3.5L EcoBoost V6	12	RWD	9,250	3,080
T-350	Low	Long	147.6	3.5L PFDI V6	12	AWD	9,250	2,920
T-350	Low	Long	147.6	3.5L EcoBoost V6	12	AWD	9,250	2,840
T-350	Low	Long	147.6	3.5L PFDI V6	15	AWD	9,550	3,220
T-350	Low	Long	147.6	3.5L EcoBoost V6	15	AWD	9,550	3,140
T-350	Low	Long	147.6	3.5L PFDI V6	15	RWD	9,400	3,310
T-350	Low	Long	147.6	3.5L EcoBoost V6	15	RWD	9,400	3,230
T-350	Medium	Long	147.6	3.5L PFDI V6	12	RWD	9,250	3,030
T-350	Medium	Long	147.6	3.5L EcoBoost V6	12	RWD	9,250	2,950
T-350	Medium	Long	147.6	3.5L PFDI V6	12	AWD	9,250	2,790
T-350	Medium	Long	147.6	3.5L EcoBoost V6	12	AWD	9,250	2,710
T-350	Medium	Long	147.6	3.5L PFDI V6	15	AWD	9,550	3,090
T-350	Medium	Long	147.6	3.5L EcoBoost V6	15	AWD	9,550	3,010
T-350	Medium	Long	147.6	3.5L PFDI V6	15	RWD	9,400	3,170
T-350	Medium	Long	147.6	3.5L EcoBoost V6	15	RWD	9,400	3,090
T-350	High	Long	147.6	3.5L PFDI V6	12	RWD	9,250	2,880
T-350	High	Long	147.6	3.5L EcoBoost V6	12	RWD	9,250	2,800
T-350	High	Long	147.6	3.5L PFDI V6	12	AWD	9,250	2,650
T-350	High	Long	147.6	3.5L EcoBoost V6	12	AWD	9,250	2,570



MAXIMUM PAYLOAD CAPABILITIES CONTINUED

Passenger Van

Transit Level	Roof	Length	Wheelbase (In.)	Engine	Seating	RWD/AWD	GVWR (lbs.)	Max Payload (lbs.)
T-350	High	Long	147.6	3.5L PFDI V6	15	AWD	9,550	2,950
T-350	High	Long	147.6	3.5L EcoBoost V6	15	AWD	9,550	2,870
T-350	High	Long	147.6	3.5L PFDI V6	15	RWD	9,400	3,040
T-350	High	Long	147.6	3.5L EcoBoost V6	15	RWD	9,400	2,950
T-350HD DRW	High	Long-EL	147.6	3.5L PFDI V6	15	RWD	10,360	3,420
T-350HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	15	RWD	10,360	3,340
T-350HD DRW	High	Long-EL	147.6	3.5L EcoBoost V6	15	AWD	10,360	3,100

MAXIMUM TOWING CAPABILITIES – CONVENTIONAL TOWING

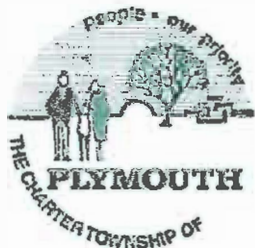
Engine	Model	Wheelbase (In.)	Rear Axle Ratio	GVWR (lbs.)	Max Towing RWD (lbs.)	Max Towing AWD (lbs.)
3.5L PFDI V6	Cargo Van	129.9	3.73/4.10	10,800/12,000	5,300/6,400	5,000/6,100
3.5L PFDI V6	Cargo Van	147.6	3.73/4.10	10,800/12,000	5,100 /6,200	4,900/5,800
3.5L PFDI V6	Crew Van	129.9	3.73/4.10	10,800/12,000	4,900/6,000	4,700/5,800
3.5L PFDI V6	Crew Van	147.6	3.73/4.10	10,800/12,000	4,800/5,900	4,400/5,500
3.5L PFDI V6	Passenger Van	129.9	3.73/4.10	10,800/11,200	4,600	4,400
3.5L PFDI V6	Passenger Van	147.6	3.73/4.10	10,800/11,200	4,200/4,500	4,000/4,300
3.5L EcoBoost V6	Cargo Van	129.9	3.31/3.73	11,200/12,600	5,600/5,900	5,300/6,600
3.5L EcoBoost V6	Cargo Van	147.6	3.31/3.73	11,200/12,600	5,500/6,800	5,200/6,500
3.5L EcoBoost V6	Crew Van	129.9	3.31/3.73	11,200/12,600	5,200/6,500	5,000/6,300
3.5L EcoBoost V6	Crew Van	147.6	3.73	12,600	6,400	6,200
3.5L EcoBoost V6	Passenger Van	147.6	3.31/3.73	11,200	4,500/4,400	4,300/4,200

Maximum towing capacities for properly equipped base vehicles with required equipment. Do not exceed trailer weight of 5,000 lbs. when towing with bumper only.

WARRANTY

Bumper to Bumper	3 years/36,000 miles
Powertrain	5 years/60,000 miles
Safety Restraint System	5 years/60,000 miles
Corrosion (Perforation only)	5 years/unlimited miles
Roadside Assistance Program	5 years/60,000 miles





CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: August 23, 2022

ITEM: Issue a Request for Proposal (RFP) for modernizing the water meter infrastructure by deploying an Advanced Metering Infrastructure (AMI) to replace all water meters in the Township; Engage Professional Services from OHM to assist in the preparation of the RFP and evaluation and selection of bidders.

PRESENTERS: Bob Doroshewitz, Treasurer; Patrick Fellrath, Director of Public Services

BACKGROUND:

More than 80% of the 9,848 commercial and residential water meters in the Township are more than 15 years old, are approaching end-of-life and will need to be replaced in the next 3-5 years. Aged meters under-report actual consumption, resulting in systemwide revenue losses and are not customer friendly with respect to reporting and billing flexibility.

Modern water systems utilize Advanced Metering Infrastructure (AMI) technology to collect near real time data on water consumption without the need for manual reading of meters.

This is a 3-4-year project that starts with issuance of an RFP to qualified vendors who will propose a turnkey installation to include all materials and labor.

Additionally, we request the Board's consent engaging professional engineering services to assist the Township with issuing the RFP and selection of the winning bidder.

ATTACHMENTS:

AMI Executive Summary

Proposal for Engineering Services - Water Metering & AMI Proposal Assistance

ACTION REQUESTED:

Approve engagement of engineering services to assist the Township in completing and releasing the RFP.

RESOLUTION: I move to approve **Resolution 2022-08-23-52** authorizing the Treasurer and Director of Public Services to engage engineering services to assist with the RFP and to authorize the completion and release of the RFP.

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

**RESOLUTION AUTHORIZING THE PREPARATION AND ISSUANCE OF A
REQUEST FOR PROPOSALS (RFP) FOR REPLACEMENT OF WATER METERS
AND IMPLEMENTATION OF ADVANCED METERING INFRASTRUCTURE
(AMI)**

RESOLUTION #2022-08-23-52

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 23, 2022, the following resolution was offered:

WHEREAS, Township residential and non-residential water meters are aging and in need of replacement; and

WHEREAS, Township's current water meter reading system is labor-intensive and time consuming; and

WHEREAS, Township seeks to modernize its water metering reading system by implementing AMI to improve efficiency, data accuracy, customer service, and reduce non-revenue water loss;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution # 2022-08-23-52** authorizing the Township Treasurer and Director of Public Services to prepare and issue a RFP for replacement of water meters and implementation of AMI.

Moved by:_____Seconded by: _____

ROLL CALL:

____JB,____CC,____BD,____KH,____AM,____JS,____JV



August 15, 2022

Mr. Patrick Fellrath, PE
Director of Public Services
Charter Township of Plymouth
9955 N Haggerty Road
Plymouth, Michigan 48170

RE: Proposal for Engineering Services
Water Metering & AMI Proposal Assistance

Dear Mr. Fellrath:

In response to the Charter Township of Plymouth's (Township) request for assistance with the Request for Proposals (RFP) related to the implementation of Advanced Metering Infrastructure (AMI) and water meter replacement, OHM Advisors (OHM) is pleased to submit this proposal for assistance with these efforts.

This letter proposal contains several sections that outline our understanding of the projects and the overall assistance that OHM will provide. The proposal includes the following sections including Project Understanding, Scope of Services, Staffing, and Fee and Schedule for the AMI assistance effort.

Project Understanding

We understand that the Township intends to issue an RFP for the procurement of a firm to install new AMI infrastructure in conjunction with their replacement of existing water meters throughout the Township. The Township has requested assistance with the development of the RFP documentation and review of subsequent proposals to perform the work. The work will be performed on an as needed time and materials basis based on request from Township staff.

Scope of Services and Assumptions

The following is a brief summary of the anticipated tasks to be provided as part of this project. Not all tasks may be required and OHM can provide additional assistance as requested.

- Review draft RFP documents prepared by Township staff. Provide comment and recommendations for changes in the final documents.
- Provide recommendations or assistance with selection of final water meters products and/or AMI systems.
- Coordinate with metering manufacturers/suppliers, AMI system manufacturers/suppliers, and project management firms to refine elements of the RFP.
- Attend a pre-proposal meeting with Township staff.
- Assist with responding to questions during the RFP process and coordinate with the Township on issuance of Addenda.
- Review submitted proposals and provide input to Township staff.
- Attend proposal interviews and assist with recommendation for contractor selection.



- Assist with contract negotiations and development of final scope of work.
- We assume that OHM will provide overall guidance, and final selection of a contractor for this work will remain the responsibility of the Township.
- We assume that this work is limited to the procurement phase of this project and does not include efforts during contract implementation.

Staffing

Primary assistance with the Township's AMI proposal efforts will be provided by Chris Elenbaas, Senior Project Manager with OHM.

Chris has worked within both the private and public engineering sector in Southeast Michigan. During his time in the public sector at the City of Ann Arbor, Chris led the City's effort to issue an RFP for a \$9M water meter replacement program which included upgrades to their existing AMI system. His work included development of the City's RFP, review and scoring of the five submitted proposals, and arrangement of final contracts for acquisition of meters, AMI infrastructure and overall program management for the replacements. Chris worked to initiate the meter replacement contracts in 2019 prior to returning to the private engineering sector and the City's project is currently nearing completion for the replacement of over 26,000 residential water meters.

Fee & Schedule

Engineering services will be provided on an as-needed time and materials basis. Chris Elenbaas' hourly rate for the project will be \$188/hour and any additional staff will be billed in accordance with OHM's Hourly Rate Schedule, which is enclosed.

Based on the anticipated level of assistance required for this project, it's estimated that 60 to 90 hours of total assistance will be provided.

Total Fee - \$11,000 to \$17,000

We can begin work on this effort as soon as authorized by the Township. Overall project schedule remains dependent on the Township's efforts and OHM will provide schedule input on individual tasks as they are requested.

If you find this proposal acceptable, please provide authorization to proceed. We appreciate this opportunity to continue to provide professional engineering services to Plymouth Township.

Sincerely,
OHM Advisors

George Tsakoff, PE
Principal

Encl: OHM Standard Terms and Conditions
OHM 2022 Hourly Rate Schedule
cc: Chris Elenbaas, OHM

Advanced Metering Infrastructure Proposal (AMI)

Executive Summary

Patrick Fellrath
Bob Doroshewitz
August 23, 2022

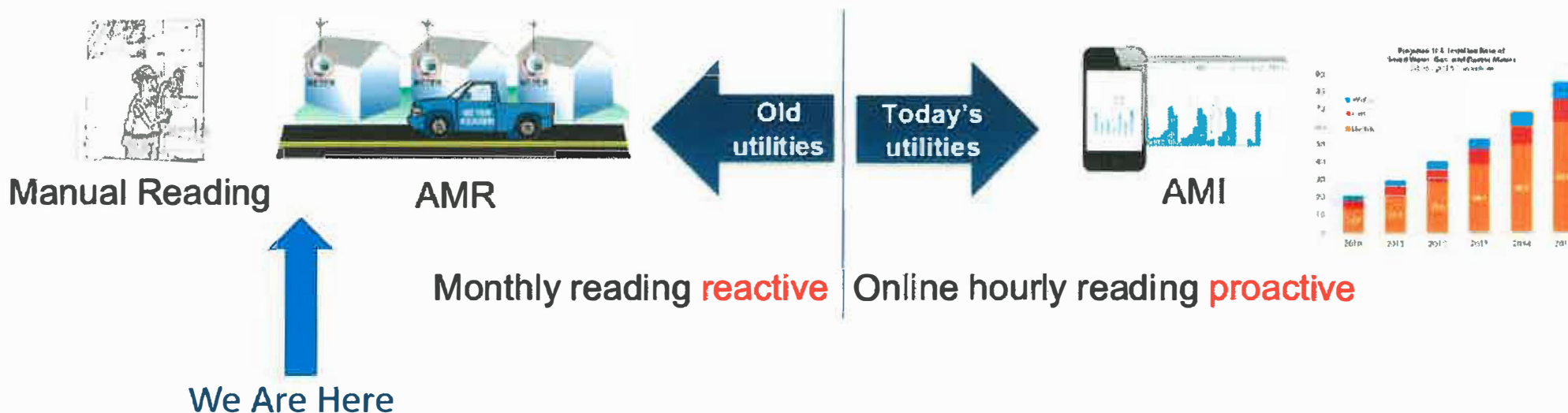
Meter Reading & Billing – Problem Statement

- >80% of 9,848 meters are >15 years old, approaching end of life. As meters age, they under-measure consumption.
- Lack of internal resources to replace them.
- Meters are read manually, using ports on exterior walls.
- Quarterly billing for residents.
- Monthly billing for businesses.
- Non-revenue water leakage results in as much as 8% loss.
- Inadequate customer service.

**Request that the Board approve an RFP to be released in October
Utilize engineering Consultant from OHM**

Evolution of Meter Reading

- Manual Reading
- Automated Meter Readers (AMR)
- Advanced Metering Infrastructure (AMI)



AMI Sample Solution - Components



Water Meter with
an AMI transmitter



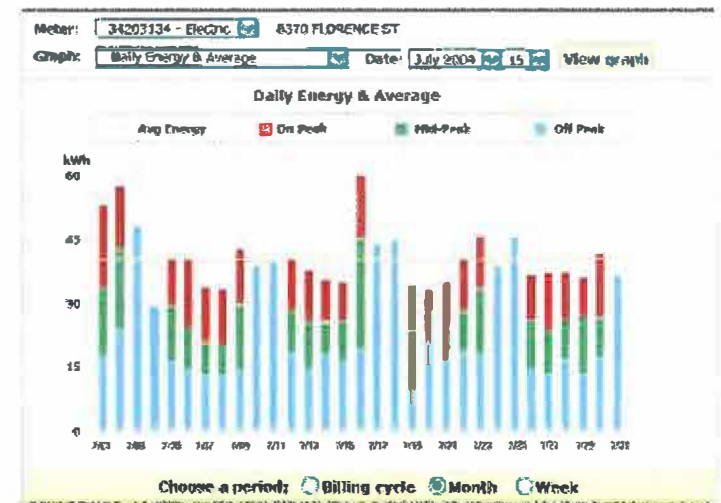
AMI Data
Collector



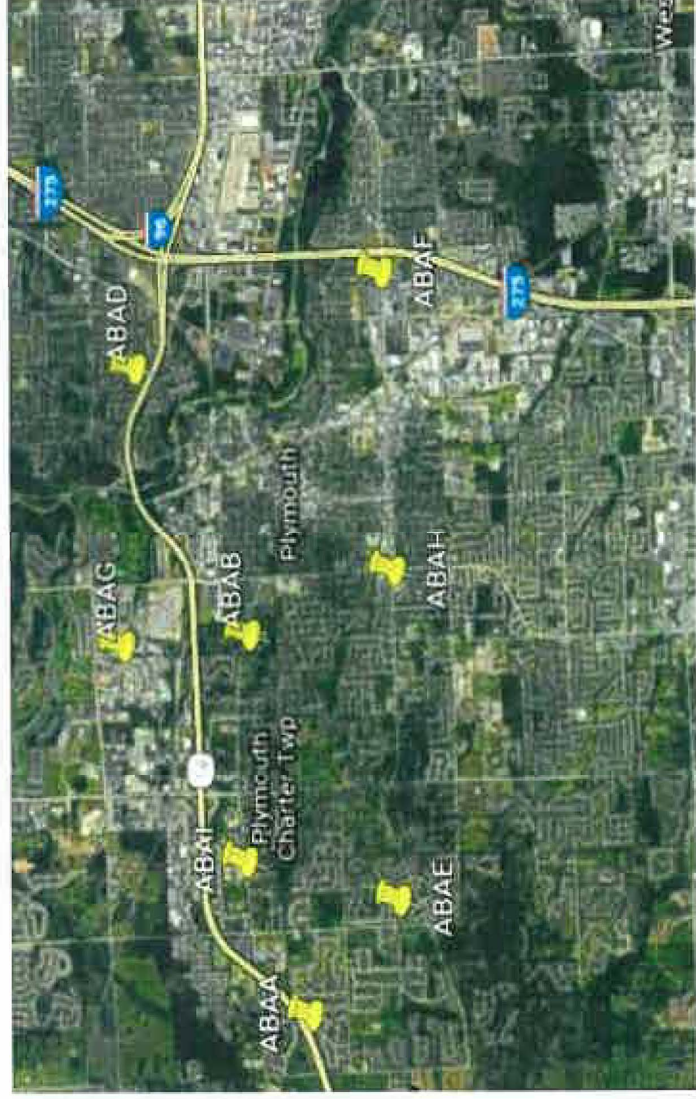
Meter Data
Management
System



Utility
Company



AMI Solution – Data Collector Placement



Collectors Placed on 30 ft Poles

Benefits of AMI

- Revenue enhancement – reduce water used but not billed
- Operating cost savings – no workforce required for readings
- No manual data handling
- Simplified “final water bills”
- Asset management – system identifies every meter
- Easier to predict GLWA’s “Peak Hour – Peak Day”
- Better customer service

Better Customer Service

- Realtime water usage reads – Early identification of leaks
- Flexible billing options (monthly vs. quarterly)
- Online access to real-time & historical water usage
- **Revenue Optimization Opportunities**
 - Reduce Billing Adjustments
 - Theft Detection
 - Customized Rates (i.e. lower for non-peak)
 - Custom Billing Dates – More time to pay

Costs of AMI

- Estimated \$6 Million capital outlay – 3 year project
- Compared to meter replacement with traditional meters
- Annual maintenance – hosting & maintenance
- Projected Return on Investment (ROI)
 - Loss capture – Current calculations run at 5%
 - People cost savings

Proposed Timeline

Design / Propose

- RFP Preparation, legal review 8/25/22 - 10/24/22
- RFP Released 10/25/22
- Proposals Due 12/15/22

Select Vendor

- Bid evaluation, vendor presentations and scorecard 12/16/22 - 4/15/23
- Contract Award / Negotiations 4/16/23 – 6/1/23

Build and Operate

- System Buildout and Migration 9/1/23

Next Steps

- Contract Engineering support from OHM
- Finalize RFP and release
- Bidder conferences, short list and presentations