

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

CALL TO ORDER

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**ITEM A
ROLL CALL**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**ITEM B
PLEDGE OF ALLEGIANCE**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**ITEM C
APPROVAL OF AGENDA**

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

Tuesday, February 12, 2019

7:00 PM



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CALL TO ORDER AT _____ P.M.

A. ROLL CALL: Kurt Heise_____, Mark Clinton_____, Chuck Curmi _____,
Bob Doroshewitz _____, Jerry Vorva _____, Jack Dempsey_____,
Gary Heitman _____

B. PLEDGE OF ALLEGIANCE

C. APPROVAL OF AGENDA

Tuesday, February 12, 2019

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

Regular Meeting – Tuesday, January 22, 2019

Study Session – February 5, 2019

D.2 Acceptance of Communications, Resolutions, Reports

N/A

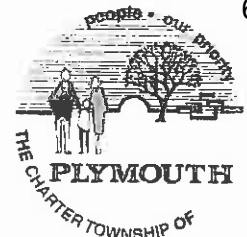
D.3 Approval of Township Bills:

| FUND | ACCT | ALREADY PAID | TO BE PAID | TOTAL: |
|---------------------------------|-------------|---------------------|-------------------|---------------|
| General Fund | 101 | \$606,959.34 | \$88,342.21 | \$695,301.55 |
| Solid Waste Fund | 226 | 5,247.68 | 705.75 | 5,953.43 |
| Improvement Revolving (Capital) | 246 | 0.00 | 0.00 | 0.00 |
| Drug Forfeiture Fund | 265 | 0.00 | 0.00 | 0.00 |
| Drug Forfeiture State | 266 | 0.00 | 0.00 | 0.00 |

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, February 12, 2019

7:00 PM



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| | | | | |
|----------------------------|------------|-----------------------|---------------------|-----------------------|
| Drug Forfeiture IRS | 267 | 0.00 | 2,308.98 | 2,308.98 |
| Golf Course Fund | 510 | (22.85) | 0.00 | (22.85) |
| Senior Transportation | 588 | 5,059.84 | 234.23 | 5,294.07 |
| Water/Sewer Fund | 592 | 465,124.73 | 413,190.61 | 878,315.34 |
| Trust and Agency | 701 | 76,821.25 | 0.00 | 76,821.25 |
| Police Bond Fund | 702 | 2,930.00 | 0.00 | 2,930.00 |
| Tax Pool | 703 | 0.00 | 0.00 | 0.00 |
| Special Assessment Capital | 805 | 38.01 | 8,706.50 | 8,744.51 |
| TOTALS: | | \$1,162,158.00 | \$513,488.28 | \$1,675,646.28 |

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

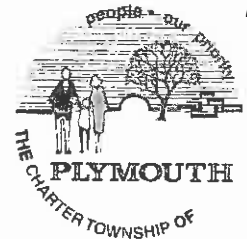
F. NEW BUSINESS

1. Text Amendments to Chapter 99 of the Zoning Code, Article 22, Cluster Housing Options (Refer back to Planning Commission), *Planning Director Laura Haw*
2. Outdoor Café Text Amendment, **Resolution #2019-02-12-12**, *Planning Director Laura Haw*
3. Plymouth Canton Little League Use Agreement, **Resolution #2019-02-12-13**, *Supervisor Kurt Heise*
4. New Fire Engine Ladder Truck, **Resolution #2019-02-12-14**, *Fire Chief Phillips*
5. McClumpha/Ann Arbor Road Traffic Light, **Resolution #2019-02-12-15**, *Supervisor Kurt Heise*

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

Tuesday, February 12, 2019

7:00 PM



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G. SUPERVISOR AND TRUSTEE COMMENTS

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

I. ADJOURNMENT

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

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**CONSENT
AGENDA**

**ITEM D.1
APPROVAL OF MINUTES
JANUARY 22, 2019**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

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

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

MEMBERS ABSENT: None

OTHERS PRESENT: Patrick Fellrath, PE, Dir. Of Public Services
Dan Phillips, Fire Chief
Jon Brothers, Police Lieutenant
Kevin Bennett, Township Attorney
David Richmond, PE, Spalding DeDecker Associates
Sue Brams, Executive Assistant to the Supervisor
Sandy Groth, Deputy Clerk
Alice Geletzke, Recording Secretary
68 Members of the Public

B. PLEDGE OF ALLEGIANCE – Cub Scouts Pack 1594

C. APPROVAL OF AGENDA
Tuesday, January 22, 2019

Supervisor Heise noted the removal of Item F.4 from the agenda, Text Amendment to Zoning Ordinance No. 99, Article XXII. Moved by Supervisor Heise and seconded by Clerk Vorva to approve the agenda for the Board of Trustees regular meeting of January 22, 2019 as amended. Ayes all.

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:
Regular Meeting – Tuesday, January 8, 2019
Special Meeting/Study Session – January 15, 2019

D.2 Acceptance of Communications, Resolutions, Reports:
Building Department Monthly Report – December, 2018

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

Fire Department Monthly Report – December, 2018
 Police Department Monthly Report – December, 2018
 FOIA Activity – Clerk's Office – December, 2018
 FOIA Activity – Police Department – December, 2018
 Thank you to Chief Phillips – American Red Cross Blood Drive

D.3 Approval of Township Bills:

| FUND | ACCT | ALREADY PAID | TO BE PAID | TOTAL: |
|---------------------------------|-------------|---------------------|---------------------|---------------------|
| General Fund | 101 | \$311,629.02 | \$118,549.78 | \$430,178.80 |
| Solid Waste Fund | 226 | 2,604.88 | 141,803.73 | 144,408.61 |
| Improvement Revolving (Capital) | 246 | .00 | .00 | .00 |
| Drug Forfeiture Fund | 265 | .00 | .00 | .00 |
| Drug Forfeiture State | 266 | .00 | .00 | .00 |
| Drug Forfeiture IRS | 267 | .00 | 2,260.21 | 2,260.21 |
| Golf Course Fund | 510 | 91.09 | 110.25 | 201.34 |
| Senior Transportation | 588 | 3,336.58 | 2,571.44 | 5,908.02 |
| Water/Sewer Fund | 592 | 40,477.21 | 21,117.60 | 61,594.81 |
| Trust and Agency | 701 | 1,470.00 | .00 | 1,470.00 |
| Police Bond Fund | 702 | 1,320.00 | .00 | 1,320.00 |
| Tax Pool | 703 | 9,447.04 | .00 | 9,447.04 |
| Special Assessment Capital | 805 | 38.01 | .00 | 38.01 |
| TOTALS: | | \$370,413.83 | \$286,413.01 | \$656,826.84 |

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

Moved by Clerk Vorva and seconded by Trustee Heitman to approve the consent agenda for the Board of Trustees regular meeting of January 22, 2019. Ayes all.

Trustee Dempsey explained that Saturday is Statehood Day, the anniversary when Michigan became a state in 1837. On loan and on display is a document from that year signed by the first Governor, Stevens Thompson Mason. He encouraged everyone to look at the document and keep in mind the significance of Statehood Day.

Supervisor Heise noted the presence of three former state representatives, John Stewart, Jerry Vorva and himself. He introduced the current representative, Matt Koleszar, who gave an update on his appointments to the House Education and Health Policy Committees. He conveyed that he wants to be an asset and resource to the Board and to the community. Auto insurance reform and transparency in government are current considerations.

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

John Stewart, former trustee and state representative, reviewed past comments made by Trustee Doroshewitz regarding political ideals. He noted the April 6 combined community concert with the Michigan Philharmonic at PARC and spoke of the cancellation of PEP, the Plymouth Preschool Enrichment Program, because of frozen pipes.

Mary Weidel and Eileen Coleman spoke of their objections to portions of the proposed Criminal Code Supplementation Ordinance #1016, Amendment #22.

Attorney Patrick Arella, commented on the text amendment to the Zoning Ordinance No. 99, Article XXII, Single Family Cluster Housing option. He noted the filing of a notice of intent to petition objecting to 2019-01-22-01 and a notice of intent to petition objecting to the application that was submitted to the Planning Commission. He is acting on behalf of 15 members of the Plymouth Commons Homeowners Association.

Ron Rotole also commented on the Zoning Ordinance text amendment and gave a demonstration on density using a Monopoly board. He also answered questions from the Board about notices received by the adjacent property owners and in the newspapers.

Joseph Van Esley also commented on the density issue via the Zoning Ordinance text amendment.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

Copies of the resolutions and attachments referred to in the motions below are available in the Clerk's office for public perusal.

F. NEW BUSINESS

1. Bond Application for Independence Village - Public Hearing, *Clerk Vorva and Supervisor Heise*

Moved by Supervisor Heise and seconded by Trustee Heitman to open the public hearing regarding the Bond Application for Independence Village at 7:35 p.m.

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

Motion carried.

Eric McGlothlin of the law firm of Dickinson Wright addressed the Board and answered questions regarding the tax code requirement for approval by the governmental unit having jurisdiction over the area in which the facility being acquired is located. Independence Village is being acquired by Great Lakes Senior Living Communities, LLC, a non-profit 501©(3) organization and tax exempt private activity bonds will be issued by the Arizona Industrial Development Authority. There is no obligation on the part of the Township.

Moved by Supervisor Heise and seconded by Trustee Heitman to close the public hearing at 7:45 p.m.

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

Motion carried.

Trustee Dempsey requested that the Board excuse him from voting on Items F.1 and F.2 because of his affiliation with the law firm of Dickinson Wright under MCL42.7 and the Ethics Ordinance.

Moved by Clerk Vorva and seconded by Trustee Heitman to excuse Trustee Dempsey from voting on Items F.1 and F.2 because of any possible conflict of interest. Ayes all on a roll call vote with Trustee Dempsey abstaining.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

2. Independence Village, Bond Application, Board Consideration, **Resolution #2019-01-22-05**, *Supervisor Heise*

Moved by Trustee Heitman and seconded by Clerk Vorva to approve **Resolution #2019-01-22-05**, authorizing the Local Host Jurisdiction approval of Great Lakes Senior Living Communities, LLC, issuance of tax-exempt bonds by the Arizona Industrial Development Authority to finance purchase of Independence Village of Plymouth based on the attached resolution and letter dated January 11, 2019 by Providence Resource Group. Ayes all on a roll call vote with Trustee Dempsey abstaining.

3. Contract with AVM Ventures for Management of Hilltop Golf Course, **Resolution #2019-01-22-06**, *Supervisor Heise and Attorney Bennett*

Attorney Bennett noted three minor revisions that were agreed to by himself and ADM's attorney that will be included in the final copy of the agreement that will be signed.

Moved by Trustee Curmi and seconded by Clerk Vorva that the Board of Trustees will approve **Resolution #2019-01-22-06** authorizing the Supervisor and Clerk to sign the attached Contract with ADM Ventures, Inc., for the management of Hilltop Golf Course, subject to final approval by the Township Attorney. Ayes all on a roll call vote.

4. Text Amendment to Zoning Ordinance No. 99, Article XXII: Single Family Cluster Housing, **Resolution #2019-01-22-07**, *Planning Director Laura Haw*

The above item was removed from the agenda.

5. Contract for "Cityworks" Data Management System, **Resolution #2019-01-22-08**, *Director of Public Services Patrick Fellrath*

Director of Public Services Fellrath explained that the first phase of Cityworks implementation was completed last November as part of a SAW Grant for sewer assets. This phase includes the software system acquisition and configuration for the water assets and system user training. Since Cityworks is a web GIS-centric system, the data and analysis tools will be fully integrated and easily accessible to both office and field users. GHD led the first phase implementation of Cityworks and costs will come from the Water and Sewer Fund account.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

Moved by Clerk Vorva and seconded by Trustee Dempsey to approve **Resolution #2019-01-22-08**, authorizing GHD to perform the work in accordance with the attached proposal from GHD in an amount not to exceed \$50,000 for completing Cityworks implementation. Ayes all on a roll call vote.

6. Allocation of Wayne County Special Assessment District Funding for 2019, **Resolution #2019-01-22-09**, *Supervisor Kurt Heise*

Supervisor Heise reviewed his recommendation for allocating the Wayne County Local Road Improvement Funds to the Plymouth Notch (Litchfield Road) Special Assessment District Project because of the substantial costs of repair due to the road's poor condition which eventually will diminish property values and the extremely high cost per each of the 30 households to repair it. Board members discussed other options for distribution of the funds, possibly including the only other potential SAD for Rolling Oaks Subdivision with 162 homes.

A resident of Litchfield Road said that it is a very tight vote for the project and the high cost is a large deterrent to going forward. He also cited reduced real estate values.

Moved by Clerk Vorva and seconded by Trustee Heitman to approve **Resolution #2019-01-22-09**, authorizing the 2018-19 Wayne County Local Road Improvement Funds to the Plymouth Notch (Litchfield Road) Special Assessment District Project in the amount of \$388,888.00 and request that the Supervisor negotiate an Intergovernmental Agreement with the County for receipt of the funds.

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

Motion passed.

7. **Prohibition of Marihuana Establishments Ordinance #1016**, Amendment #21, Second Reading, **Resolution #2019-01-22-10**, *Attorney Bennett*

Moved by Trustee Curmi and seconded by Trustee Doroshewitz to postpone this item to the Study Session.

The motion was withdrawn by the maker and supporter.

Moved by Supervisor Heise and seconded by Clerk Vorva that the Board of Trustees of the Charter Township of Plymouth hereby officially introduce and approve the second reading of the Charter Township of Plymouth's Prohibition of Marihuana Establishments

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

Ordinance #1016, Amendment 21, **Resolution #2019-01-22-10**. Ayes all on a roll call vote.

8. **Criminal Code Supplementation Ordinance #1016, Amendment #22, Amendments to Criminal Code**, Second Reading, **Resolution #2019-01-22-11**, *Attorney Bennett*

Moved by Trustee Curmi and seconded by Trustee Dempsey to postpone consideration of the second reading of Criminal Code Supplementation Ordinance #1016, Amendment #22, Amendments to Criminal Code.

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

Motion defeated.

Attorney Bennett provided clarification for some of the provisions which had been mentioned in earlier public comments such as those regarding prescribed and controlled substances, open house parties, and breach of peace.

Eileen Coleman, Brinton Baker, Mary Weidel, Patrick Arella, and Ann Baker had questions and expressed concerns about provisions of the ordinance including those about penalties involved for various offenses, use of discretion by officers, potential infringement of personal freedoms, and trying cases in district court vs. circuit court.

Moved by Clerk Vorva and seconded by Supervisor Heise to approve **Resolution #2019-01-22-11**, second reading which includes typographical issues brought up by the Board, and authorization to publish the Charter Township of Plymouth Ordinance #1016, Amendment #22; Criminal Code Supplementation, and to make the Ordinance effective on January 24, 2019.

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

Motion carried.

F. SUPERVISOR AND TRUSTEE COMMENTS

Trustee Heitman thanked the people for their comments and hope they continue.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JANUARY 22, 2019**

PROPOSED MINUTES

Supervisor Heise thanked Board members for voting for the golf course contract. He also mentioned being appreciative of the fact that people come forward with questions and concerns such as regarding the criminal code revisions, but he cautioned that manipulation occurs on social media by people with political agendas so there's a need to be mindful as to where information is received.

G. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 Minutes)

Ron Rotole had comments regarding the golf course and thanked the Board for listening regarding the cluster housing comments.

Patrick Arella also had questions regarding the cluster housing text amendments and application for use of the property.

Trustee Dempsey thought it would be useful to separate the density issue from any other changes to be made to the ordinance.

Mary Weidel, co-vice-president of the Country Club Village HOA, presented estimates from a contractor to make repairs to electrical lines at their subdivision entrance. She also commented further on the time allowed for residents to be informed of new items, thus the use of social media.

Supervisor Heise indicated the Township is following State law completely with regard to ordinances.

H. ADJOURNMENT

Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 10:05 p.m. Ayes all.

Jerry Vorva, Township Clerk

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**CONSENT
AGENDA**

**ITEM D.1
APPROVAL OF MINUTES
February 5, 2019**

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

PROPOSED MINUTES

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

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

MEMBERS ABSENT: Jack Dempsey, Trustee, Excused

OTHERS PRESENT: Dan Phillips, Fire Chief
Jon Brothers, Police Lieutenant
Kevin Bennett, Township Attorney
Laura Haw, AICP, NCI, Planning Director
Sandra Groth, Deputy Clerk
Sue Brams, Executive Assistant to the Supervisor
Alice Geletzke, Recording Secretary
23 Members of the Public

B. APPROVAL OF AGENDA

Tuesday, February 5, 2019

Moved by Trustee Heitman and seconded by Clerk Vorva to approve the agenda for the Board of Trustees Special Study Session of February 5, 2019. Ayes all.

C. NEW BUSINESS

1. Board Discussion on Text Amendments to Chapter 99 of the Zoning Code Article 22 (Cluster Housing Options) – *Planning Consultant Laura Haw & Attorney Kevin Bennett*

- Public Comment on Agenda Item (limited to 3 minutes per person)

Planner Laura Haw gave a brief background and layout examples of a typical subdivision and of cluster housing which can be used for the purpose of preserving quality natural assets on the site or aid in development of the site because of other factors such as configuration, circulation patterns, or suitable living environment. She also explained the proposed text amendments to Zoning Ordinance No. 99, Article XXII, and answered questions from the Board regarding those proposals.

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

PROPOSED MINUTES

Clerk Vorva noted that, although unable to be present, Trustee Dempsey presented a memorandum on the subject.

Attorney Bennett explained the difference in notification requirements for the two ways the Zoning Ordinance is amended. For text amendments, which affect the entire Township and are amendments to the language in the ordinance itself, the Zoning Enabling Act (State law) and the Zoning Ordinance (Township ordinance) both require notice by publication within 15 days of the public hearing to be held by the Planning Commission. Rezoning involves changing a district classification on the zoning map for a specific property, so a mailing to property owners within 300 feet is required, as well as notice by publication within 15 days. He also noted the Cluster Housing Option requires both the mailing notice and the notice by publication. The State Legislature would have to be petitioned regarding any proposed changes to the Zoning Enabling Act. He answered questions from the Board regarding the notification procedures.

Trustee Doroshewitz gave some history, as the Board's liaison to the Planning Commission, on the proposed changes considered, particularly Section 22.11 and the density ambiguity.

Supervisor Heise opened the floor to public discussion.

Residents Patrick Arella, Joe Van Esley, Sean Laycock, John Cullen, Lee Hachigian, Clinton Michael, and Ron Rotole expressed their concerns and opinions on the various changes proposed for the ordinance, many commenting on the density bonus proposed.

Supervisor Heise suggested the Planning Commission might want to consider a density limit based on some kind of formula to be determined. He also indicated the Cluster Housing application by the property owner, North Ridge Church, has been withdrawn as of this evening.

D. SUPERVISOR AND TRUSTEE COMMENTS

Trustee Heitman thanked everyone for coming and Mrs. Haw for her presentation, and he implored the residents to keep their eye on the Board.

Clerk Vorva noted a fund-raiser of the Plymouth Community Band to be held at the First United Methodist Church this Friday from 5-8 p.m., \$12 for Italian cuisine.

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

PROPOSED MINUTES

Treasurer Clinton also thanked everyone for coming out and voicing their opinions. He agrees that thought needs to be given to development of the small amount of remaining land. He is concerned that too much discretion is given with regard to the footage, spacing, and density.

Trustee Curmi expressed his opposition because he felt developers could buy up land and change the character of the community. He feels there is no urgency about this.

E. ADJOURNMENT

Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 8:30 p.m. Ayes all.

Jerry Vorva, Township Clerk

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**CONSENT
AGENDA**

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**CONSENT
AGENDA**

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

BOARD DATE

2/12/2019

| FUND NAME | FUND NUMBER | TOTAL INC PAYROLL | PAYROLL & INVOICES PAID PRIOR TO MEETING | INVOICES PAID AFTER BOARD REVIEW |
|------------------------|-------------|----------------------|--|-------------------------------------|
| GENERAL FUND | 101 | 695,301.55 | 606,959.34 | 88,342.21 |
| SWD | 226 | 5,953.43 | 5,247.68 | 705.75 |
| IMPROV. REV. | 246 | - | - | |
| DRUG FORFEITURE | 265 | - | - | |
| DRUG FORFEITURE | 266 | - | - | |
| DRUG FORFEITURE | 267 | 2,308.98 | - | 2,308.98 |
| GOLF COURSE FUND | 510 | (22.85) | (22.85) | |
| SENIOR TRANSPORTATION | 588 | 5,294.07 | 5,059.84 | 234.23 |
| WATER & SEWER | 592 | 878,315.34 | 465,124.73 | 413,190.61 |
| TRUST& AGENCY | 701 | 76,821.25 | 76,821.25 | |
| POLICE BOND FUND | 702 | 2,930.00 | 2,930.00 | |
| TAX POOL | 703 | - | - | |
| SPECIAL ASSESS CAPITAL | 805 | 8,744.51 | 38.01 | 8,706.50 |
| | TOTAL | 1,675,646.28 | 1,162,158.00 | 513,488.28 |
| GRAND TOTAL | | 1,675,646.28 | | |

BR 19 Page: 216/19
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**Charter Township of Plymouth
AP Invoice Listing - Board Report**

VENDOR INFORMATION

INVOICE INFORMATION

| | | | |
|---|---------------------------------------|------------------------|-------------------|
| A.S.C., INC | | Invoice Amount: | \$2,445.00 |
| CCTV Service Agreement Quarterly Billing Inv. 45 | | Check Date: | 02/12/2019 |
| 101-305-818.000 | Coverage Period 1/1/19 - 3/31/19 | | 2,445.00 |
| A.S.C., INC | | Invoice Amount: | \$468.00 |
| ASC -Access Service Agreement - Quarterly Billing | | Check Date: | 02/12/2019 |
| 101-691-818.000 | Qtly Billing for Soccer Park | | 468.00 |
| A.S.C., INC | | Invoice Amount: | \$105.00 |
| SA-Alarm- - Qtly Billing - 1/1/19-3/31/19 - Invoi | | Check Date: | 02/12/2019 |
| 101-265-776.000 | SA-Alarm | | 50.04 |
| 101-305-776.000 | SA-Alarm | | 32.24 |
| 101-336-776.000 | SA-Alarm | | 13.42 |
| 592-172-776.000 | SA-Alarm | | 9.30 |
| ALLIE BROTHERS UNIFORMS | | Invoice Amount: | \$787.92 |
| Uniform Equip/J. Hayes Inv. 74232 1/17/19 | | Check Date: | 02/12/2019 |
| 101-305-758.000 | Uniform L/S Shirt | | 149.97 |
| 101-305-758.000 | Uniform Coat | | 299.99 |
| 101-305-758.000 | Uniform Pants | | 194.97 |
| 101-305-758.000 | Uniform Side/Sap Pocket | | 90.00 |
| 101-305-758.000 | Uniform Polo Shirt | | 52.99 |
| ALLIE BROTHERS UNIFORMS | | Invoice Amount: | \$59.99 |
| Uniform Equip/McLean Inv. 74282 1/18/19 | | Check Date: | 02/12/2019 |
| 101-305-758.000 | Uniform Cargo Pants | | 59.99 |
| ALLIE BROTHERS UNIFORMS | | Invoice Amount: | \$268.95 |
| uniforms for N. Gilo | | Check Date: | 02/12/2019 |
| 101-336-758.000 | Uniforms for FF Nolan Gilo | | 268.95 |
| ALLIE BROTHERS UNIFORMS | | Invoice Amount: | \$1,079.96 |
| uniform jackets for Hansen,Inman,Vang, Gilo | | Check Date: | 02/12/2019 |
| 101-336-758.000 | uniform jackets | | 1,079.96 |
| ALLIE BROTHERS UNIFORMS | | Invoice Amount: | \$750.00 |
| Uniform Equipment/Dept Flashlights Inv. 74205 | | Check Date: | 02/12/2019 |
| 101-305-758.000 | Seipenko - Uniform Flashlights | | 750.00 |
| ALLIE BROTHERS UNIFORMS | | Invoice Amount: | \$24.99 |
| Uniform Equip/Coffell Inv. 74214 1/14/19 | | Check Date: | 02/12/2019 |
| 101-305-758.000 | Uniform Nylon Garrison Belt | | 24.99 |
| ALLIED SUBSTANCE ABUSE PROFESSIONAL | | Invoice Amount: | \$80.00 |
| Random Drug Test for Dan Hamann and James S | | Check Date: | 02/12/2019 |
| 592-172-727.000 | Dan Hamann 1/25/19 Drug Screening | | 40.00 |
| 592-172-727.000 | James Scholten 1/25/19 Drug Screening | | 40.00 |
| ALPHAGRAPHS #336 | | Invoice Amount: | \$155.00 |
| BUS. CARDS | | Check Date: | 02/12/2019 |
| 101-371-727.000 | NUMBER #25641 | | 155.00 |
| APOLLO FIRE EQUIPMENT | | Invoice Amount: | \$479.88 |
| 7 pairs of gloves | | Check Date: | 02/12/2019 |
| 101-336-758.100 | 7 pairs of gloves | | 479.88 |

Charter Township of Plymouth
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VENDOR INFORMATION

INVOICE INFORMATION

| | | | | |
|--|-----------------|--|------------------------|-------------------|
| APOLLO FIRE EQUIPMENT | | | Invoice Amount: | \$49.46 |
| Chinstrap-Villet | | | Check Date: | 02/12/2019 |
| | 101-336-758.100 | Chinstrap for Villet incl freight | | 49.46 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$47.64 |
| PC Kmart > Brownfield | | | Check Date: | 02/12/2019 |
| | 101-801-813.000 | PC Kmart > Brownfield | | 47.64 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$37.04 |
| 5 Mile Water Tank Cathodic Protection | | | Check Date: | 02/12/2019 |
| | 592-172-889.000 | 5 Mile Water Tank Cathodic Prot | | 37.04 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$47.64 |
| Class A - Non-Conforming Designation | | | Check Date: | 02/12/2019 |
| | 101-801-813.000 | Class A/Non-Conforming Des | | 47.64 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$49.16 |
| PC Kmart > Brownfield | | | Check Date: | 02/12/2019 |
| | 101-801-813.000 | PC Kmart > Brownfield | | 49.16 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$126.43 |
| Marihuana Ord #1016 Amend #21 | | | Check Date: | 02/12/2019 |
| | 101-215-813.000 | Ordinance #1016 Amend #21 | | 126.43 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$22.95 |
| Sewage Disposal System Notice | | | Check Date: | 02/12/2019 |
| | 101-801-813.000 | Sewage Disposal System Notice | | 22.95 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$49.16 |
| Brownfield Public Hearing | | | Check Date: | 02/12/2019 |
| | 101-801-813.000 | Brownfield Public Hearing | | 49.16 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$475.53 |
| Marihuana Ordinance #1016 Amend #22 | | | Check Date: | 02/12/2019 |
| | 101-215-813.000 | Ordinance #1016 Amend #22 | | 475.53 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | | Invoice Amount: | \$23.23 |
| ZBA Feb 7, 2019 | | | Check Date: | 02/12/2019 |
| | 101-215-813.000 | ZBA Feb 7, 2019 | | 23.23 |
| BATTERIES PLUS BULBS | | | Invoice Amount: | \$111.80 |
| Batteries for Police Department Inv. 481-P105529 | | | Check Date: | 02/12/2019 |
| | 101-305-727.000 | 3 Volt Lithium | | 111.80 |
| BATTERIES PLUS BULBS | | | Invoice Amount: | \$10.95 |
| lithium batteries | | | Check Date: | 02/12/2019 |
| | 101-336-836.000 | Lithium batteries | | 10.95 |
| BATTERIES PLUS BULBS | | | Invoice Amount: | \$539.80 |
| batteries for R-1 & R-3 | | | Check Date: | 02/12/2019 |
| | 101-336-863.000 | SL165X batteries for R-1 & R-3 | | 539.80 |
| BATTERY SOLUTIONS, LLC. | | | Invoice Amount: | \$109.95 |
| Battery Recycle | | | Check Date: | 02/12/2019 |
| | 226-226-810.000 | iRecycle - Filled Pail #A355708_01.17.19 | | 109.95 |

Charter Township of Plymouth
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INVOICE INFORMATION

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|---|--|--|---|
| BELLE TIRE 2003 FORD EXPLORER TIRES 101-371-863.000 | <i>INVOICE 32741280</i> | Invoice Amount: Check Date: | \$470.00 02/12/2019 470.00 |
| BLACKWELL FORD INC. Vehicle Repair/B32115 Inv. 343062 1/15/19 101-305-863.000 | <i>Replace Starter</i> | Invoice Amount: Check Date: | \$290.80 02/12/2019 290.80 |
| BLACKWELL FORD INC. Vehicle Repair/157878 Inv. 342983 1/14/19 101-305-863.000 | <i>Drain Fuel Tank for Contamination</i> | Invoice Amount: Check Date: | \$255.00 02/12/2019 255.00 |
| BLACKWELL FORD INC. Vehicle Repair/106809 Inv. 343138 1/15/19 101-305-863.000 | <i>Oil Change/Replace Front Brake Pads</i> | Invoice Amount: Check Date: | \$258.43 02/12/2019 258.43 |
| BLACKWELL FORD INC. Vehicle Repair/128076 Inv. 343167 1/16/19 101-305-863.000 | <i>Oil Change</i> | Invoice Amount: Check Date: | \$52.34 02/12/2019 52.34 |
| BLACKWELL FORD INC. Vehicle Repair/126605 Inv. 342690 1/24/19 101-305-863.000 | <i>Contaminated Gas Found in Fuel Tank</i> | Invoice Amount: Check Date: | \$2,709.16 02/12/2019 2,709.16 |
| BLACKWELL FORD INC. Vehicle Repair/A39477 nv. 343140 1/16/19 101-305-863.000 | <i>Replaced Left Rear Tire</i> | Invoice Amount: Check Date: | \$15.00 02/12/2019 15.00 |
| BLACKWELL FORD INC. Vehicle Repair/106438 Inv. 343318 1/18/19 101-305-863.000 | <i>Oil Change</i> | Invoice Amount: Check Date: | \$52.34 02/12/2019 52.34 |
| BLACKWELL FORD INC. Vehicle Repair/C07494 Inv. 343047 1/14/19 101-305-863.000 | <i>Replace Battery</i> | Invoice Amount: Check Date: | \$187.55 02/12/2019 187.55 |
| BLACKWELL FORD INC. Senior Bus Repair Invoice #343484 - Oil Change 588-588-863.000 | <i>Senior Trans #341314</i> | Invoice Amount: Check Date: | \$34.86 02/12/2019 34.86 |
| BLACKWELL FORD INC. Senior Bus Repair Invoice #343082 - Passenger 588-588-863.000 | <i>Senior Trans #343082</i> | Invoice Amount: Check Date: | \$42.50 02/12/2019 42.50 |
| BLACKWELL FORD INC. Vehicle Repair/128075 Inv. 343763 1/29/19 101-305-863.000 | <i>Oil Change</i> | Invoice Amount: Check Date: | \$52.34 02/12/2019 52.34 |
| OCCUPATIONAL HEALTH CENTERS OF MI Pre-PlacementPhysical - Bruce Van Gemert (FD) 101-336-835.000 592-172-818.000 | <i>Bruce Van Gemert (FD) Spencer Kitchen (DPW) UDS</i> | Invoice Amount: Check Date: | \$821.50 02/12/2019 779.00 42.50 |
| OCCUPATIONAL HEALTH CENTERS OF MI Pre-PlacementPhysical - Kyle Talmadge (PD) - In 101-305-818.000 | <i>Kyle Talmadge (PD)</i> | Invoice Amount: Check Date: | \$187.50 02/12/2019 187.50 |

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|---|---|--|---|
| CDW GOVERNMENT INC Barracuda Adv E-mail Security Renewal - Quote K 101-290-941.000 | <i>Barracuda Advanecd Email Security Renewal</i> | Invoice Amount: Check Date: | \$2,651.00 02/12/2019 2,651.00 |
| CINTAS CORPORATION - 300 Mat service for P.D. Inv. 4015483749 1/25/19 101-305-776.000 | <i>Mats for pd</i> | Invoice Amount: Check Date: | \$213.93 02/12/2019 213.93 |
| CONROY, WILLIAM reim for phone repairs 101-336-853.000 | <i>Reim for phone CASE</i> | Invoice Amount: Check Date: | \$53.00 02/12/2019 53.00 |
| CORRIGAN OIL COMPANY Fuel 1/17/2019 #6753496-IN 592-291-863.000 592-291-863.000 592-291-863.000 592-291-863.000 | <i>Dyed Ultra Low Sulfur #2 Mix Fuel Tax Recap Environmental Fee GE87 GAS-ETHANOL</i> | Invoice Amount: Check Date: | \$1,698.77 02/12/2019 818.92 12.37 6.95 860.53 |
| DANULOFF, LYLE D., PHD. psych evaluations new FF's, Gilo, Inman, VanGem 101-336-835.000 | <i>Eval. for FF's, Gilo, Inman, VanGemert</i> | Invoice Amount: Check Date: | \$1,800.00 02/12/2019 1,800.00 |
| DELL MARKETING L.P. Dell Latitude 5590 Inv. 10290678305 1/6/19 267-300-978.000 | <i>Dell Laptop for Chief Tiderington</i> | Invoice Amount: Check Date: | \$1,836.93 02/12/2019 1,836.93 |
| DE WOLF & ASSOCIATES FieldTraining Officer Program Inv. 2301 1/17/19 101-305-960.000 | <i>Officer Jason Hayes 1/14/19 - 1/18/19</i> | Invoice Amount: Check Date: | \$745.00 02/12/2019 745.00 |
| JACK DOHENY COMPANIES INC REPLACEMENT FLEX TUBE ON JET/VACTOR 1/16/ 592-291-932.000 | <i>DEBRIS HOSE, 8X62, R</i> | Invoice Amount: Check Date: | \$389.00 02/12/2019 389.00 |
| FEDEX Shipping Boxes Inv. 6--424-13182 1/9/19 101-305-727.000 | <i>28 x 28 x 28 275 lb Box</i> | Invoice Amount: Check Date: | \$34.97 02/12/2019 34.97 |
| FELL, CYNTHIA Reimbursement for MCDA Conference - Grand Ra 101-325-960.000 101-325-960.000 | <i>Parking Reimbursement Meal Reimbursement</i> | Invoice Amount: Check Date: | \$37.00 02/12/2019 20.00 17.00 |
| FETNER, WILLIAM Clothing Allowance Reimbursement per Contract 101-305-758.000 | <i>Clothing reimbursement - 2019</i> | Invoice Amount: Check Date: | \$86.51 02/12/2019 86.51 |
| FIRE SERVICE MANAGEMENT clean coat fix zipper -Johnson 101-336-758.100 | <i>Clean coat fix zipper on coat-Johnson</i> | Invoice Amount: Check Date: | \$71.50 02/12/2019 71.50 |
| GFL Environmental USA, Inc. DPW RECYCLE CENTER 226-226-810.500 226-226-810.500 | <i>1/07/19 - PAPER/CARDBOARD RECYCLE 1/07/19 - PLASTICS/TINS RECYCLE</i> | Invoice Amount: Check Date: | \$390.00 02/12/2019 195.00 195.00 |

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| GFL Environmental USA, Inc. DPW RECYCLE CENTER 226-226-810.500 | 01/15/19 - CARDBOARD/PAPER RECYCLE | Invoice Amount: Check Date: | \$195.00 02/12/2019 195.00 |
| GRAINGER, W.W., INC. THERMOSTAT FOR NEW HEATER FOR RIDGE RO 592-443-937.000 | THERMOSTAT, UNIT MOUNTED 2YU33 | Invoice Amount: Check Date: | \$103.68 02/12/2019 103.68 |
| GRAINGER, W.W., INC. REPLACEMENT FOR DEFECTIVE HEATER @ RIDG 592-443-937.000 | ELECRIC UNIT HEATER, BTUH 7500/10,200 | Invoice Amount: Check Date: | \$374.85 02/12/2019 374.85 |
| Great Lakes Air Operations, LLC Drone Training - Part 107 Inv. 1009 1/3/19 101-305-960.000 | Officer Champagne - Jan. 31, 2019 | Invoice Amount: Check Date: | \$450.00 02/12/2019 450.00 |
| HALT FIRE INC Engine 2 springs, press gov., tie rod assem 101-336-863.000 | Eng 2 springs, press gov., tie rod assem | Invoice Amount: Check Date: | \$8,047.09 02/12/2019 8,047.09 |
| HALT FIRE INC R2 Oil leak engine area 101-336-863.000 | R2 Checked oil leak | Invoice Amount: Check Date: | \$291.50 02/12/2019 291.50 |
| HALT FIRE INC E3 Solenoid for ladder rack 101-336-863.000 | E3 Repl ladder rack solenoid | Invoice Amount: Check Date: | \$227.11 02/12/2019 227.11 |
| HARRELL, JAMES reim for paramedic lic renewal 101-336-960.000 | Reimb for paramedic lic renewal | Invoice Amount: Check Date: | \$25.00 02/12/2019 25.00 |
| HORTON PLUMBING Invoice # 169753- ToiletRepair -- Parks (details 101-691-931.000 101-691-931.000 101-691-931.000 101-691-931.000 | Commercial Labor- 1-3-19 EBV200A Sloan Regal Flush Valve Comercial Labor 1-9-19 | Invoice Amount: Check Date: | \$761.74 02/12/2019 157.50 323.73 123.01 157.50 |
| IDEAL CALIBRATIONS repair of gas monitor 101-336-851.000 | Reair of gas monitor | Invoice Amount: Check Date: | \$601.00 02/12/2019 601.00 |
| RICOH USA, INC. Service agreement !st Q 19 592-172-818.000 101-253-818.000 | Ricoh 1/1/19 to 3/31/19 Ricoh 1/1/19 to 3/31/19 | Invoice Amount: Check Date: | \$341.89 02/12/2019 263.54 78.35 |
| J & B MEDICAL SUPPLY INC Medical Supplies 101-336-836.000 | Latex Free Wrap MMM2084S | Invoice Amount: Check Date: | \$42.48 02/12/2019 42.48 |
| J & B MEDICAL SUPPLY INC Medical Supplies 101-336-836.000 | Contoured Masks MRC10-57010 | Invoice Amount: Check Date: | \$170.85 02/12/2019 170.85 |

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|--|--|------------------------|-------------------|
| JOWSEY, NANCY | | Invoice Amount: | \$31.46 |
| Coffe & HC for FF while at fire | | Check Date: | 02/12/2019 |
| 101-336-963.000 | Reimb for Coffee & HC for FF's at fire | | 31.46 |
| KNIGHT TECHNOLOGY GROUP, INC. | | Invoice Amount: | \$450.00 |
| Work on new Police Dept. Server Inv. 12513 1/22 | | Check Date: | 02/12/2019 |
| 101-305-978.000 | Project Exchange Decommission 1/20/19 | | 450.00 |
| KNIGHT TECHNOLOGY GROUP, INC. | | Invoice Amount: | \$750.00 |
| Work on new Police Dept. Server Inv. 12514 1/30 | | Check Date: | 02/12/2019 |
| 101-305-978.000 | PD Final Cut Over and Setup of GPO's | | 750.00 |
| KONICA MINOLTA BUSINESS SOLUTIONS | | Invoice Amount: | \$70.51 |
| Maint. Agreement - Bizhub C364E Inv. 900535540 | | Check Date: | 02/12/2019 |
| 101-305-851.000 | 12/26/18 - 1/25/19 coverage dates | | 70.51 |
| LEO'S CONEY ISLAND | | Invoice Amount: | \$127.68 |
| Prisoner Meals 1/1/19 - 1/11/19 | | Check Date: | 02/12/2019 |
| 101-325-818.400 | Prisoner Meals | | 127.68 |
| AutoZone | | Invoice Amount: | \$85.94 |
| vehicle supplies | | Check Date: | 02/12/2019 |
| 101-336-863.000 | Vehicle supplies | | 85.94 |
| MACP | | Invoice Amount: | \$330.00 |
| 2019 Winter Conference Registration Fee Inv. 200 | | Check Date: | 02/12/2019 |
| 101-305-960.000 | Lieutenant Kudra Conference Fees | | 330.00 |
| MACP | | Invoice Amount: | \$75.00 |
| Accreditation Manager Trg. Inv. 200005300 1/7/ | | Check Date: | 02/12/2019 |
| 101-305-960.000 | C. Fell, J. Brothers, D. Kudra - 2/20/19 | | 75.00 |
| MACP | | Invoice Amount: | \$25.00 |
| Accreditation Manager Trg. Inv. 200005301 1/7/ | | Check Date: | 02/12/2019 |
| 101-305-960.000 | Sergeant Krebs - 2/20/19 | | 25.00 |
| MAIN STREET AUTO WASH | | Invoice Amount: | \$280.00 |
| January Car Washes 1-3-19 through 1-20-19 | | Check Date: | 02/12/2019 |
| 101-305-863.000 | Police Vehicles | | 250.00 |
| 101-371-863.000 | Building Vehicles | | 30.00 |
| MAPLES ENVIRONMENTAL PEST CONTROL | | Invoice Amount: | \$185.00 |
| Winter Treatment - Pest Control 1/3/19 | | Check Date: | 02/12/2019 |
| 101-305-776.000 | Police Dept Winter Treatment | | 185.00 |
| MAPLES ENVIRONMENTAL PEST CONTROL | | Invoice Amount: | \$185.00 |
| REGULAR SERVICE PEST CONTROL FOR OFFICES | | Check Date: | 02/12/2019 |
| 101-265-776.000 | OFFICES 1/3/2019 SERVICE | | 185.00 |
| MARK'S OUTDOOR POWER EQUIPMENT | | Invoice Amount: | \$390.00 |
| Sidewalk Salt Spreader-Walk Behind. 1/25/19 | | Check Date: | 02/12/2019 |
| 101-446-731.000 | salt spreader for sidewalks | | 390.00 |
| ELECTION SOURCE | | Invoice Amount: | \$339.08 |
| Canvas Ballot Bags | | Check Date: | 02/12/2019 |
| 101-262-727.000 | Canvas Ballot Bags | | 324.00 |
| 101-262-727.000 | Shipping | | 15.08 |

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INVOICE INFORMATION

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|--|-----------------|--|------------------------|-------------------|
| MICHIGAN FIRE TRAINING CONSULTANTS | | | Invoice Amount: | \$2,100.00 |
| Smoke Reading Class | | | Check Date: | 02/12/2019 |
| | 101-336-960.000 | Smoke reading Class | | 2,100.00 |
| MICHIGAN TOWNSHIPS ASSOCIATION | | | Invoice Amount: | \$150.00 |
| MTA - Classified Ad for Accountant Position - 1-22 | | | Check Date: | 02/12/2019 |
| | 101-215-813.000 | Classified Ad | | 150.00 |
| MICHIGAN LINEN SERVICE | | | Invoice Amount: | \$84.35 |
| Uniforms 01/18/2019 #398844 | | | Check Date: | 02/12/2019 |
| | 592-172-758.000 | 01/18/2019 | | 84.35 |
| MICHIGAN LINEN SERVICE | | | Invoice Amount: | \$84.35 |
| Uniforms 01/11/2019 #398415 | | | Check Date: | 02/12/2019 |
| | 592-172-758.000 | 01/11/2019 | | 84.35 |
| MICHIGAN LINEN SERVICE | | | Invoice Amount: | \$84.35 |
| Uniforms 01/25/2019 #3399264 | | | Check Date: | 02/12/2019 |
| | 592-172-758.000 | 01/25/2019 | | 84.35 |
| MI Communication Directors Assoc. | | | Invoice Amount: | \$450.00 |
| MCDA 2019 PSAP Management Series Training In | | | Check Date: | 02/12/2019 |
| | 101-325-960.000 | 2 Day Trg - 1/30-1/31 - Grand Rapids, MI | | 450.00 |
| MUNSON, STEVE | | | Invoice Amount: | \$50.00 |
| CONTRACTOR MEETING | | | Check Date: | 02/12/2019 |
| | 101-371-818.000 | INVOICE 55 MEETING WITH ARCH. AND BLD | | 50.00 |
| NORTH BREATHING AIR, LLC | | | Invoice Amount: | \$590.00 |
| Compressor services Sta#3 | | | Check Date: | 02/12/2019 |
| | 101-336-851.000 | Compressor Services Sta# 3 | | 590.00 |
| NORTHVILLE, CHARTER TOWNSHIP OF | | | Invoice Amount: | \$1,280.50 |
| December 2018 Five Mile Road Corridor Project - | | | Check Date: | 02/12/2019 |
| | 101-371-818.500 | DEC. 2018 LEGAL SERVICES-BRA/MITC | | 1,280.50 |
| OFFICE DEPOT | | | Invoice Amount: | \$116.28 |
| Office Supplies | | | Check Date: | 02/12/2019 |
| | 101-253-727.000 | Mini Binder Clips | | 3.12 |
| | 101-253-727.000 | Medium Binder Clips | | 7.04 |
| | 101-253-727.000 | Small Binder Clips | | 3.01 |
| | 101-253-727.000 | Large BInder Clips | | 9.18 |
| | 101-253-727.000 | Dab & Seal Envelope | | 4.44 |
| | 101-253-727.000 | Monthly Tab Dividers | | 35.64 |
| | 101-253-727.000 | #33 Rubber Bands | | 5.94 |
| | 101-253-727.000 | #19 Rubber Bands | | 5.94 |
| | 101-253-727.000 | Yellow Highlighters | | 12.57 |
| | 101-253-727.000 | Clear Tab Dividers | | 6.20 |
| | 101-253-727.000 | Adding Machine paper | | 9.90 |
| | 101-253-727.000 | Pens - Black | | 5.39 |
| | 101-253-727.000 | Band-Aids | | 6.39 |
| | 101-253-727.000 | Pens - Red | | 1.52 |
| OFFICE DEPOT | | | Invoice Amount: | \$153.99 |
| Office Supplies | | | Check Date: | 02/12/2019 |
| | 101-253-727.000 | POS Thermal paper | | 153.99 |

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OFFICE DEPOT

Order # 257744789-001 - Labels for Park Info B

101-691-727.000

Avery Labels #213448

Invoice Amount:

\$53.06

Check Date:

02/12/2019

53.06

OFFICE DEPOT

Boxes, Dividers, Markers, Filing Supplies

101-215-727.000

Calendar Base

101-215-727.000

Bankers Boxes (12)

101-215-727.000

Steno Pads (12/pk)

101-215-727.000

Shipping/Packing Tape (6)

101-215-727.000

Cubicle Coat Hook

101-215-727.000

Size #64 Rubber Bands (490)

101-215-727.000

5164 Shipping Labels

101-215-727.000

Foray Med Pt Marker (12)

101-215-727.000

Index Dividers 26-50

101-215-727.000

Index Dividers 1-25

101-215-727.000

Jan-Dec Pre-printed Tabs

101-215-727.000

8-tab Plain White Dividers

Invoice Amount:

\$227.65

Check Date:

02/12/2019

19.34

43.34

11.88

39.99

13.98

7.99

23.10

11.19

12.93

12.93

5.24

25.74

OFFICE DEPOT

Boxes, Dividers, Markers, Filing Supplies

101-215-727.000

Yellow File Tabs

101-215-727.000

Blue File Tabs

101-215-727.000

Purple File Tabs

Invoice Amount:

\$21.07

Check Date:

02/12/2019

6.69

6.69

7.69

OFFICE DEPOT

Boxes, Dividers, Markers, Filing Supplies

101-215-727.000

Bic Fine Pt Perm Marker (12)

Invoice Amount:

\$20.99

Check Date:

02/12/2019

20.99

OFFICE DEPOT

Office Supplies Inv. 255401159001 1/8/19

101-305-727.000

Credit Card Reader for Detective Bureau

Invoice Amount:

\$62.99

Check Date:

02/12/2019

62.99

OAKLAND COUNTY

Clemis Fees - January - March 2019 Inv. CLM000

101-325-818.000

Livescan - January - March, 2019

101-325-818.000

Mug Capture Strn Maint - Jan - March 2019

Invoice Amount:

\$1,927.75

Check Date:

02/12/2019

927.75

1,000.00

PRIORITY ONE EMERGENCY

USAR 4 repairs

101-336-863.000

USAR 4 LIGHTS

Invoice Amount:

\$5,018.87

Check Date:

02/12/2019

5,018.87

AIRGAS USA, LLC

safety glasses

101-336-836.000

safety glasses

Invoice Amount:

\$15.26

Check Date:

02/12/2019

15.26

SAFEWARE, INC.

DC7 cleaner

101-336-836.000

DC7 cleaner

Invoice Amount:

\$356.00

Check Date:

02/12/2019

356.00

SEHI COMPUTER PRODUCTS

Print toner cartridges

101-215-727.000

HP 55A Black Toner Cartridge

101-215-727.000

HP 507X High Yield Blk Toner Cartridge

101-215-727.000

HP 507A Cyan Toner Cartridge

101-215-727.000

HP 507A Yellow Toner Cartridge

101-215-727.000

HP 507A Magenta Toner Cartridge

Invoice Amount:

\$761.89

Check Date:

02/12/2019

114.16

149.88

165.95

165.95

165.95

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| | | | |
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| SEHI COMPUTER PRODUCTS | | Invoice Amount: | \$138.51 |
| Quote # Q00106407 -Ink Cartridge HP 80 X (for | | Check Date: | 02/12/2019 |
| 588-588-727.000 | HP 80X Black Dual Pack (Friendship Sta) | | 132.51 |
| 588-588-727.000 | Freight | | 6.00 |
| SURE-FIT LAUNDRY CO. | | Invoice Amount: | \$20.25 |
| Prisoner Blanket Cleaning Inv. 411311 1/3/19 | | Check Date: | 02/12/2019 |
| 101-325-851.400 | Blanket Cleaning | | 20.25 |
| SURE-FIT LAUNDRY CO. | | Invoice Amount: | \$27.00 |
| Prisoner Blanket Cleaning Inv. 411639 1/10/19 | | Check Date: | 02/12/2019 |
| 101-325-851.400 | Blanket Cleaning | | 27.00 |
| SURE-FIT LAUNDRY CO. | | Invoice Amount: | \$29.25 |
| Prisoner Blanket Cleaning Inv. 411952 1/17/19 | | Check Date: | 02/12/2019 |
| 101-325-851.400 | Blanket Cleaning | | 29.25 |
| SURE-FIT LAUNDRY CO. | | Invoice Amount: | \$45.00 |
| Prisoner Blanket Cleaning Inv. 412524 1/31/19 | | Check Date: | 02/12/2019 |
| 101-325-851.400 | Blanket Cleaning | | 45.00 |
| TACTICAL ENCOUNTERS INC. | | Invoice Amount: | \$450.00 |
| Low Light Training Inv. 2019-04 2/26/19 | | Check Date: | 02/12/2019 |
| 101-305-960.000 | Ofc. McLean & Ofc. Wilder | | 450.00 |
| TRI-COUNTY INTERNATIONAL TRUCKS INC | | Invoice Amount: | \$756.50 |
| R2 Engine oil leak | | Check Date: | 02/12/2019 |
| 101-336-863.000 | R2 oil leak check | | 756.50 |
| UPS | | Invoice Amount: | \$10.80 |
| Postage - SWD 2019 Commerical License & Decal | | Check Date: | 02/12/2019 |
| 226-226-810.000 | Postage-License/Decals - Adv Disposal | | 5.93 |
| 226-226-810.000 | Postage-license/decals - GFL | | 4.87 |
| WAYNE CO.ASSOC.OF CHIEFS OF POLICE | | Invoice Amount: | \$40.00 |
| 2019 Membership Dues for Chief Tiderington | | Check Date: | 02/12/2019 |
| 101-305-958.000 | Wayne County Chief's Assoc. Dues | | 40.00 |
| Wayne City Treasurer | | Invoice Amount: | \$243.92 |
| ASSIST WITH SCADA ANTENNA TOWER 1/14/19 | | Check Date: | 02/12/2019 |
| 592-443-937.000 | ASSIST WITH SCADA ANTENNA TOWER 1/14/1 | | 243.92 |
| JPW Associates, Inc. | | Invoice Amount: | \$785.00 |
| Equipment/ Repair 01/15/2019 | | Check Date: | 02/12/2019 |
| 592-172-780.000 | CORRECTIVE MAINTENANCE-EVL110-2458 | | 395.00 |
| 592-172-780.000 | PREVENTATIVE MAINTENANCE-EVL110-2459 | | 195.00 |
| 592-172-780.000 | PREVENTATIVE MAINTENANCE-EVL110-2460 | | 195.00 |
| Dell Financial Services | | Invoice Amount: | \$513.08 |
| Computer Leases - 3/1-5/31/2019 (Treasurer, Cle | | Check Date: | 02/12/2019 |
| 101-371-978.100 | Treasurer Dept. Computer (Lease-Qtly) | | 171.00 |
| 101-215-978.500 | Clerk Dept. Computer (Lease-Qtly) | | 299.32 |
| 101-371-978.500 | Building Dept. Computer (Lease=Qt;y) | | 42.76 |
| Dell Financial Services | | Invoice Amount: | \$472.05 |
| Computer Leases - 3/1-5/31/2019 - Police Dept. | | Check Date: | 02/12/2019 |
| 267-300-978.500 | Police Dept.. Computer (Lease-Qtly) | | 472.00 |

Charter Township of Plymouth
AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

267-300-978.500

.05 adjustment (rounding)

0.05

Dell Financial Services

Invoice Amount:

\$769.64

Computer Leases - 3/1-5/31/2019 - Fire & DPW

Check Date:

02/12/2019

101-336-978.500

Fire Dept.. Computer (Lease-Qtly)

299.32

592-172-978.500

DPW

427.60

592-172-978.500

DPW (rounding adjust)

42.72

Total Amount to be Disbursed:

\$56,709.57

**Charter Township of Plymouth
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VENDOR INFORMATION

INVOICE INFORMATION

| | | | |
|--|--|------------------------|-------------------|
| A.S.C., INC | | Invoice Amount: | \$323.48 |
| Installation of HDMI Extender - Left Report Writer | | Check Date: | 02/11/2019 |
| 101-305-851.000 | Extender Pair | | 115.48 |
| 101-305-851.000 | Security Service Labor | | 208.00 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | Invoice Amount: | \$40.63 |
| Special Land Use | | Check Date: | 02/11/2019 |
| 101-801-813.000 | Special Land Use | | 40.63 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | Invoice Amount: | \$39.43 |
| Cluster Housing Option | | Check Date: | 02/11/2019 |
| 101-801-813.000 | Cluster Housing Option | | 39.43 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | Invoice Amount: | \$39.39 |
| Cluster Housing Option | | Check Date: | 02/11/2019 |
| 101-801-813.000 | Cluster Housing Option | | 39.39 |
| ASSOCIATED NEWSPAPERS OF MICHIGAN | | Invoice Amount: | \$39.39 |
| Zoning Ordinance #99 Amendment | | Check Date: | 02/11/2019 |
| 101-801-813.000 | Zoning Ordinance #99 Amendment | | 39.39 |
| BLACKWELL FORD INC. | | Invoice Amount: | \$143.00 |
| Vehicle Repair/108166 Inv. 341242 12/5/18 | | Check Date: | 02/11/2019 |
| 101-305-863.000 | Align and Resecure Sensor Bracket | | 143.00 |
| BLACKWELL FORD INC. | | Invoice Amount: | \$15.00 |
| Vehicle Repair/C07494 Inv. 341181 12/4/18 | | Check Date: | 02/11/2019 |
| 101-305-863.000 | Mount & Balance Tire | | 15.00 |
| CDW GOVERNMENT INC | | Invoice Amount: | \$229.02 |
| Portable Hard Drive and Flash Drives - MiDeal Qu | | Check Date: | 02/11/2019 |
| 101-201-727.000 | My Passport Drive - WDBYFT0040BBK-WESN | | 114.30 |
| 101-201-727.000 | Transcend JetFlash 790-TS8GJF790K | | 57.36 |
| 101-201-727.000 | Transcend Jetflash 790-TS16GJF790K | | 57.36 |
| CDW GOVERNMENT INC | | Invoice Amount: | \$246.86 |
| Cables and Adapters - MiDeal Quotes KHJN530, K | | Check Date: | 02/11/2019 |
| 101-201-727.000 | CAT 6 - 25 ft - N201-025-BL | | 24.00 |
| 101-201-727.000 | CAT 6 - 20 ft - N201-020-BL | | 32.00 |
| 101-201-727.000 | CAT 6 - 15 ft - N201-015-BL | | 33.40 |
| 101-305-727.000 | DP to HDMI Adapter - F2CD004B | | 17.05 |
| 101-201-727.000 | DP to HDMI Adapter - F2CD004B | | 17.05 |
| 101-201-727.000 | DP to DVI Adapter - 54321 | | 67.36 |
| 101-201-727.000 | Display Port Cable - 6 ft - P580-006 | | 56.00 |
| CODE SAVVY CONSULTANTS LLC | | Invoice Amount: | \$495.00 |
| FIRE ALARM SYSTEM FOR BURROUGH'S BUILDIN | | Check Date: | 02/11/2019 |
| 101-371-818.000 | INVOICE 1426 | | 495.00 |
| CORPORATE CLEANING GROUP INC | | Invoice Amount: | \$405.00 |
| DECEMBER 2018 CLEANING | | Check Date: | 02/11/2019 |
| 592-172-776.000 | DPW INVOICE 5921 | | 271.00 |
| 101-265-858.000 | FRIENDSHIP INVOICE 5921 | | 134.00 |
| CORRIGAN OIL COMPANY | | Invoice Amount: | \$1,476.12 |
| Fuel 12/18/2018 #6738820-IN ###2018 INVOIC | | Check Date: | 02/11/2019 |
| 592-291-863.000 | Dyed Ultra Low Sulfur #2 Mix | | 643.11 |

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VENDOR INFORMATION

INVOICE INFORMATION

| | | |
|------------------------|--------------------------|---------------|
| <i>592-291-863.000</i> | <i>Fuel Tax Recap</i> | <i>10.41</i> |
| <i>592-291-863.000</i> | <i>Environmental Fee</i> | <i>6.95</i> |
| <i>592-291-863.000</i> | <i>GE87 GAS-ETHANOL</i> | <i>815.65</i> |

MICH MUN RISK MGT AUTHORITY ECP

Electric Choice - December 18

| | | |
|------------------------|------------------------|-----------------|
| <i>101-336-921.000</i> | <i>Electric Choice</i> | <i>1,619.06</i> |
| <i>592-172-921.000</i> | <i>Electric Choice</i> | <i>823.40</i> |
| <i>101-171-921.000</i> | <i>Electric Choice</i> | <i>617.26</i> |
| <i>101-201-921.000</i> | <i>Electric Choice</i> | <i>330.28</i> |
| <i>101-209-921.000</i> | <i>Electric Choice</i> | <i>176.69</i> |
| <i>101-215-921.000</i> | <i>Electric Choice</i> | <i>536.42</i> |
| <i>101-253-921.000</i> | <i>Electric Choice</i> | <i>224.04</i> |
| <i>101-305-921.000</i> | <i>Electric Choice</i> | <i>1,772.67</i> |
| <i>101-325-921.000</i> | <i>Electric Choice</i> | <i>368.97</i> |
| <i>101-325-921.400</i> | <i>Electric Choice</i> | <i>368.97</i> |
| <i>101-336-921.000</i> | <i>Electric Choice</i> | <i>260.99</i> |
| <i>101-371-921.000</i> | <i>Electric Choice</i> | <i>388.60</i> |
| <i>101-371-921.500</i> | <i>Electric Choice</i> | <i>217.69</i> |
| <i>592-172-921.000</i> | <i>Electric Choice</i> | <i>511.59</i> |
| <i>592-172-921.000</i> | <i>Electric Choice</i> | <i>2,110.28</i> |
| <i>101-336-921.000</i> | <i>Electric Choice</i> | <i>965.87</i> |
| <i>101-691-921.000</i> | <i>Electric Choice</i> | <i>386.94</i> |
| <i>101-265-921.000</i> | <i>Electric Choice</i> | <i>287.61</i> |
| <i>588-588-921.000</i> | <i>Electric Choice</i> | <i>18.36</i> |
| <i>101-100-067.010</i> | <i>Electric Choice</i> | <i>730.50</i> |

Invoice Amount: \$12,716.19
Check Date: 02/11/2019

WADE-TRIM OPERATIONS SERVICES

Construction Admin - Ridgewood Hills

| | | |
|------------------------|---|---------------|
| <i>805-805-970.340</i> | <i>Construction Admin - Ridgewood Hills</i> | <i>270.00</i> |
|------------------------|---|---------------|

Invoice Amount: \$270.00
Check Date: 02/11/2019

GHD, Inc.

SAW Grant Condition Assessment 11/30/2018

| | | |
|------------------------|---|------------------|
| <i>592-172-973.080</i> | <i>SAW Grant Condition Assessment 11/30/201</i> | <i>68,497.00</i> |
|------------------------|---|------------------|

Invoice Amount: \$68,497.00
Check Date: 02/11/2019

KNIGHT TECHNOLOGY GROUP, INC.

Work on new Police Dept. Server Inv. 12358 12/2

| | | |
|------------------------|--|---------------|
| <i>101-305-978.000</i> | <i>Monday Night Cutover</i> | <i>150.00</i> |
| <i>101-305-978.000</i> | <i>Post Support for Drives and pathing</i> | <i>150.00</i> |

Invoice Amount: \$300.00
Check Date: 02/11/2019

KNIGHT TECHNOLOGY GROUP, INC.

Work on new Police Dept. Server Inv. 12336 12/1

| | | |
|------------------------|---|-----------------|
| <i>101-305-978.000</i> | <i>Build Server, Load OS - 12/13/18</i> | <i>1,200.00</i> |
| <i>101-305-978.000</i> | <i>Build Server, Load OS - 12/16/18</i> | <i>300.00</i> |

Invoice Amount: \$1,500.00
Check Date: 02/11/2019

LARSON, OSCAR W. CO.

PERFORMED UST "B" INSPECTION AND ADVISED

| | | |
|------------------------|----------------------|---------------|
| <i>592-291-863.000</i> | <i>HS&E</i> | <i>10.00</i> |
| <i>592-291-863.000</i> | <i>ST/TECHNICIAN</i> | <i>180.00</i> |

Invoice Amount: \$190.00
Check Date: 02/11/2019

LARSON, OSCAR W. CO.

TREATMENT, CLEANING, AND POLISHING DIESE

| | | |
|------------------------|------------------------------------|-----------------|
| <i>592-291-863.000</i> | <i>TANK CLEANING AND POLISHING</i> | <i>2,700.00</i> |
|------------------------|------------------------------------|-----------------|

Invoice Amount: \$2,700.00
Check Date: 02/11/2019

LEO'S CONEY ISLAND

Prisoner Meals 11/5/18 - 12/31/18

| | | |
|------------------------|-----------------------|---------------|
| <i>101-325-818.400</i> | <i>Prisoner Meals</i> | <i>442.89</i> |
|------------------------|-----------------------|---------------|

Invoice Amount: \$442.89
Check Date: 02/11/2019

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INVOICE INFORMATION

| | | | |
|--|--|------------------------|-------------------|
| LIVONIA, CITY OF | | Invoice Amount: | \$375.00 |
| AFIS Services Oct-Dec, 2018 Inv. 2019-00000005 | | Check Date: | 02/11/2019 |
| 101-305-818.000 | Fingerprint Computer Identification | | 375.00 |
| MAIN STREET AUTO WASH | | Invoice Amount: | \$135.00 |
| December Car Washes 12-16-18 - 12-31-18 | | Check Date: | 02/11/2019 |
| 101-305-863.000 | Police Vehicles | | 130.00 |
| 101-371-863.000 | Building Vehicles | | 5.00 |
| MCKENNA ASSOCIATES INC | | Invoice Amount: | \$7,883.25 |
| Professional Services - Professional Services -Dec | | Check Date: | 02/11/2019 |
| 101-371-818.500 | Prep & Attend 12/12 PC Mtg. | | 412.25 |
| 101-371-818.500 | #2296-12731 Beck Road, Verona Park | | 575.00 |
| 101-371-818.500 | #2306-Hillside Residences -Site Plan Rev | | 530.00 |
| 101-371-818.500 | #2313-Ridge Road Ind. Park Site Plan | | 850.00 |
| 101-371-818.500 | #2314-15100 Fogg St. Site Plan Rev. | | 850.00 |
| 101-371-818.500 | Sign Review-(ARC, OSARC) | | 200.00 |
| 101-371-818.500 | #2317-Powell Road Cluster Housing | | 1,026.00 |
| 101-371-818.500 | #2318-939 S. Mill Street-Spec. Land Use | | 700.00 |
| 101-371-818.500 | #2319-Ridge Road Cluster Housing Option | | 1,740.00 |
| 101-371-818.500 | #2303-Burroughs Admin Site Plan | | 650.00 |
| 101-371-818.500 | Jogue Landscape Review | | 350.00 |
| ELECTION SOURCE | | Invoice Amount: | \$2,060.08 |
| Coding-ICP & ICX, thumb drive | | Check Date: | 02/11/2019 |
| 101-262-727.000 | Thumb Drive | | 9.73 |
| 101-262-727.000 | Shipping (thumb drive) | | 10.35 |
| 101-262-818.000 | ICP Tabulator Coding | | 1,500.00 |
| 101-262-818.000 | ICX BMD Coding | | 120.00 |
| 101-262-818.000 | ICP Tabulator Coding Add'l | | 420.00 |
| MICHIGAN STATE POLICE | | Invoice Amount: | \$387.00 |
| Tactics in Traffic Training on October 29, 2018 In | | Check Date: | 02/11/2019 |
| 101-305-960.000 | Ofc's Burnett, McLean & Warring | | 387.00 |
| North American Rescue, LLC | | Invoice Amount: | \$3,336.30 |
| First Aid Kits for Patrol Officers Inv. IN338280 11/ | | Check Date: | 02/11/2019 |
| 101-305-758.000 | Item #80-0498 M-FAK Mini First Aid Kit | | 2,459.40 |
| 101-305-758.000 | Item #80-0479 G7 Rigid TQ Belt - Blk | | 869.40 |
| 101-305-758.000 | Freight (TBD) | | 7.50 |
| NORTHERN LAKE SERVICE, INC. | | Invoice Amount: | \$1,120.50 |
| DW Samples 12/10/18 DECEMBER 2018 INVOICE | | Check Date: | 02/11/2019 |
| 592-172-818.100 | Alcohols-EPA Method 541 | | 270.00 |
| 592-172-818.100 | HAA9- EPA Method 552.3 | | 157.50 |
| 592-172-818.100 | Pesticides-EPA Method 525.3 | | 315.00 |
| 592-172-818.100 | SVOCs- EPA Method 530 | | 297.00 |
| 592-172-818.100 | UCMR4- Metal EPA 200.8 | | 81.00 |
| OBSERVER & ECCENTRIC NEWSPAPERS | | Invoice Amount: | \$43.44 |
| Police Auction Ad Inv. 0002194347 12/31/18 | | Check Date: | 02/11/2019 |
| 101-305-727.000 | Canton Observer 11/29/18 | | 21.72 |
| 101-305-727.000 | Plymouth Observer 11/29/18 | | 21.72 |
| OAKLAND COUNTY | | Invoice Amount: | \$2,136.00 |
| CLEMIS Leads On Line Inv. CLM0010073 12/31/1 | | Check Date: | 02/11/2019 |
| 101-305-818.000 | Annual Renewal | | 2,136.00 |

Charter Township of Plymouth

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| | | | | |
|--|--|--|------------------------|-------------------|
| OAKLAND COUNTY | | | Invoice Amount: | \$109.50 |
| Out-County GIS Data Inv. INF0002428 12/31/18 | | | Check Date: | 02/11/2019 |
| 101-325-818.000 | GIS DATA - Oct - Dec | | | 109.50 |
| OAKLAND COUNTY | | | Invoice Amount: | \$2,038.04 |
| Oct-Dec 2018 SW maint fees | | | Check Date: | 02/11/2019 |
| 101-336-824.000 | Annual software maint fee Oct-Dec 2018 | | | 2,038.04 |
| ORCHARD, HILTZ, & MCCLIMENT, INC. | | | Invoice Amount: | \$1,004.75 |
| SAD Rolling Oaks - Preliminary | | | Check Date: | 02/11/2019 |
| 805-805-970.360 | SAD Rolling Oaks - Preliminary | | | 1,004.75 |
| ORCHARD, HILTZ, & MCCLIMENT, INC. | | | Invoice Amount: | \$2,086.75 |
| SAD Litchfield Dr - Preliminary Engineering | | | Check Date: | 02/11/2019 |
| 805-805-970.310 | SAD Litchfield Dr - Preliminary Engineer | | | 2,086.75 |
| ORCHARD, HILTZ, & MCCLIMENT, INC. | | | Invoice Amount: | \$5,345.00 |
| SAD General Dr. Preliminary | | | Check Date: | 02/11/2019 |
| 805-805-970.350 | SAD General Dr. Preliminary | | | 5,345.00 |
| PHILLIPS, DAN | | | Invoice Amount: | \$22.00 |
| Refund of CPR Class fees- class never took place | | | Check Date: | 02/11/2019 |
| 101-336-963.000 | Reimb for refund of CPR Class fee | | | 22.00 |
| CITY OF PLYMOUTH | | | Invoice Amount: | \$122.48 |
| DMS Services/ Other 2018 | | | Check Date: | 02/11/2019 |
| 101-446-731.000 | Yards Salt taken from DMS yard 12/4/2018 | | | 122.48 |
| CHARTER TWSP OF PLYMOUTH | | | Invoice Amount: | \$2,723.11 |
| Senior Transportation - December 2018 | | | Check Date: | 02/11/2019 |
| 101-955-885.000 | December 2018 - Senior Trans. Exp. | | | 2,723.11 |
| CHARTER TWSP OF PLYMOUTH | | | Invoice Amount: | \$3,435.46 |
| Comerica Bank-Twsp. Credit Cards - December 20 | | | Check Date: | 02/11/2019 |
| 592-172-958.000 | Fellrath-AWWA Renewal | | | 218.00 |
| 101-336-776.000 | Fox-HD-Liquid Floor Leveler | | | 45.70 |
| 101-336-979.000 | Gross-HD-Ice Bags for Smith | | | 3.48 |
| 101-336-960.000 | Gross- Blue Card - Renewal | | | 125.00 |
| 101-265-858.000 | Haack-Sams-Supplies for Friendship | | | 106.78 |
| 101-265-776.000 | Haack-Sams-Christmas Bulbs | | | 74.73 |
| 101-265-776.000 | Haack-Amazon-Phone Holster | | | 10.98 |
| 101-265-776.000 | Haack-HD-Supplies for twsp. grounds | | | 20.29 |
| 101-265-776.000 | Haack B&R Janatorial - Floor Cleaning- | | | 300.00 |
| 101-265-776.000 | Haack-Graybar-Light sensor | | | 11.69 |
| 101-265-776.000 | Haack-Sams-Supplies for Twp. grounds | | | 85.15 |
| 101-265-776.000 | Haack-Lighting Supply-Bulbs | | | 17.64 |
| 101-265-776.000 | Haack-HD-Supplies for twp grounds | | | 34.39 |
| 101-371-863.000 | Haack-HD-Windshield DeIcer for vehicles | | | 13.88 |
| 101-305-776.000 | Haack-HD-Light Switches (Dispatch) | | | 3.67 |
| 592-172-960.000 | Hamann-S-2 Drinking Water Cert. renewal | | | 95.00 |
| 592-291-851.000 | Hamann-ebay-Valve weights & plates | | | 89.98 |
| 592-291-851.000 | Hamann-Replacement Parris-flapper valves | | | 128.18 |
| 592-172-960.000 | Hamann-Training for CEC water Certificat | | | 990.00 |
| 592-443-939.000 | Hamann-HD-Henter chord etc for Tower | | | 39.82 |
| 592-443-939.000 | Hamann-HD-Supplies for 5 Mile Tower | | | 49.82 |
| 592-172-963.000 | Hamann-HD-Supplies for sign installation | | | 17.15 |
| 592-443-937.000 | Hamann-HD-Supplies for emergency repair | | | 27.58 |

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INVOICE INFORMATION

| | | |
|-----------------|--|--------|
| 101-253-727.000 | Hammye-StampMaker-Bank deposit stamps et | 114.24 |
| 101-691-931.000 | Heise-Delwood Supply - PARKS | 31.91 |
| 101-955-885.000 | Heise-Constant Contact-Monthly Fees | 70.00 |
| 101-290-958.000 | Heise-MiDEAL-Membership Dues | 230.00 |
| 101-290-941.000 | Janks-Vimeo Subscript | 199.00 |
| 101-336-729.000 | Phillips-Lunch fee-SE MI Chiefs Mtg. | 20.00 |
| 101-336-729.000 | Phillips-WWMA Meeting | 25.00 |
| 101-305-727.000 | Tiderington-Smart Key Board | 210.94 |
| 101-290-963.000 | Lewis-DDA-Photo eye | 25.46 |

PLYMOUTH-CANTON COMMUNITY SCHOOLS

DECEMBER FUEL

101-371-863.000 INVOICE 002542

Invoice Amount: \$349.92
Check Date: 02/11/2019
349.92

RICHARDSON, MICHAEL

2018 Mileage 6/2018 - 12/2018 - Mike Richardson

101-201-727.000 Mileage 6/2018 - 12/2018

Invoice Amount: \$31.61
Check Date: 02/11/2019
31.61

Sani-Vac Service, Inc.

Clean dispatch rooftop unit and connecting ductw

101-325-727.000 INVOICE 21842

Invoice Amount: \$1,950.00
Check Date: 02/11/2019
1,950.00

SURE-FIT LAUNDRY CO.

Prisoner Blanket Cleaning Inv. 410558 12/13/18

101-325-851.400 Blanket Cleaning

Invoice Amount: \$24.75
Check Date: 02/11/2019
24.75

VARMINT POLICE, INC.

NUISANCE ANIMAL

101-336-776.000 SET TRAPS FOR ANIMAL DIGGING IN LAWN

Invoice Amount: \$130.00
Check Date: 02/11/2019
130.00

WAYNE COUNTY

10/18 Traffic Signal Energy Invoice # 1009386

101-446-920.000 Traf Sig Energy 10/18

Invoice Amount: \$221.37
Check Date: 02/11/2019
221.37

WAYNE COUNTY

November 2018 Prisoner Housing Inv. 297571 1/

101-305-832.000 November Prisoner Housing

Invoice Amount: \$140.00
Check Date: 02/11/2019
140.00

Thomas Reuters -WEST PAYMENT CENTER

Clear Investigations Advanced Inv. 839517837 1/

101-305-960.000 December 1-31, 2018

Invoice Amount: \$294.78
Check Date: 02/11/2019
294.78

Great Lakes Water Authority

GLWA - December 2018 Water Usage Charges

592-441-741.000 GLWA December 2018 Water Usage

Invoice Amount: \$329,084.22
Check Date: 02/11/2019
329,084.22

HOME DEPOT USA INC

PERMIT REFUND

101-371-965.000 PERMIT REFUND PB18-0746

Invoice Amount: \$80.00
Check Date: 02/11/2019
80.00

Total Amount to be Disbursed: \$456,778.71

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| IDOR INFORMATION | | INVOICE INFORMATION | |
|--------------------------------|-----------------|------------------------|-------------|
| John Demattia Construction LLC | | Invoice Amount: | \$1,000.00 |
| BD Bond Refund | | Check Date: | 02/07/2019 |
| | 701-100-202.701 | BBD16-0031 - PB16-0141 | 1,000.00 |
| FEDERAL MOGUL | | Invoice Amount: | \$66,000.00 |
| BD Bond Refund | | Check Date: | 02/07/2019 |
| | 701-100-202.701 | BBD18-0004 - PB16-0141 | 66,000.00 |
| Total Amount to be Disbursed: | | | \$67,000.00 |

P. Bonds 2/6/19
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**Charter Township of Plymouth
AP Invoice Listing - Board Report**

VENDOR INFORMATION

INVOICE INFORMATION

| | | | | |
|----------------------------|-----------------|---------------------|--------------------------------------|-------------------|
| 35TH DISTRICT COURT | | | Invoice Amount: | \$50.00 |
| BOND RECEIPT 01/30/2019 | | | Check Date: | 02/09/2019 |
| | 702-100-087.000 | BOND RECEIPT 007897 | | 50.00 |
| 35TH DISTRICT COURT | | | Invoice Amount: | \$100.00 |
| BOND RECEIPT 01/122/2019 | | | Check Date: | 02/09/2019 |
| | 702-100-087.000 | BOND RECEIPT 007890 | | 100.00 |
| 35TH DISTRICT COURT | | | Invoice Amount: | \$240.00 |
| BOND RECEIPT 01/29/2019 | | | Check Date: | 02/09/2019 |
| | 702-100-087.000 | BOND RECEIPT 007893 | | 40.00 |
| | 702-100-087.000 | BOND RECEIPT 007892 | | 200.00 |
| | | | Total Amount to be Disbursed: | \$390.00 |

Charter Township of Plymouth

AP Invoice Listing - Board Report

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Weekly 2/16/19

VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL

Defined Contribution - PAYDATE February 1, 2019

101-325-714.050

101-100-231.000

101-305-714.030

Define Contribution -Dispatch (Employer)

Employee Cont -all

Define Contribution-Police (ER)

Invoice Amount: **\$5,520.84**

Check Date: **02/06/2019**

1,667.04

1,445.97

2,407.83

A T & T

AT&T - Telephone Allocation - January 2019 - Acc

101-336-853.000

101-265-853.000

101-691-853.000

592-291-853.000

Fire

Twp. Hall

Parks

DPW

Invoice Amount: **\$399.32**

Check Date: **02/06/2019**

135.76

31.95

31.95

199.66

BUONO, DUANE

JAN 2019 MECH INSP PAY

101-371-818.000

JAN PAY

Invoice Amount: **\$6,324.25**

Check Date: **02/06/2019**

6,324.25

C.O.A.M. - PLYMOUTH TOWNSHIP

COAM Union Dues - February 2019

101-100-232.050

101-100-232.050

101-100-232.050

101-100-232.050

101-100-232.050

Fetner, William J.

Hoffman, Marc

Krebs, Ryan

Rupard, Bryan

Seipenko, Todd

Invoice Amount: **\$363.20**

Check Date: **02/06/2019**

72.64

72.64

72.64

72.64

72.64

COMCAST

Comcast High Speed Internet - February 2019- 99

101-290-941.000

Comcast High Speed Internet - Feb 2019

Invoice Amount: **\$126.90**

Check Date: **02/06/2019**

126.90

COMCAST

Comcast High Speed Internet - Township Park -Fe

101-691-921.000

High Speed Internet - Township Park

Invoice Amount: **\$158.31**

Check Date: **02/06/2019**

158.31

DTE ENERGY

DTE Service - Municipal Street Light January 2019

101-446-920.000

January 2019 Municipal Street Light

Invoice Amount: **\$4,756.47**

Check Date: **02/06/2019**

4,756.47

HEILEMAN, JAMES

JANUARY 2019 ELEC INSP PAY

101-371-818.000

ELEC PAY

Invoice Amount: **\$4,178.50**

Check Date: **02/06/2019**

4,178.50

JOHN HANCOCK LIFE INSURANCE CO.

JOHN HANCOCK EMPLOYER PEN MATCH 2-1-19 (

588-588-714.010

101-171-714.010

101-201-714.010

101-215-714.010

101-253-714.010

101-305-714.010

101-325-714.010

101-336-714.020

101-336-714.010

101-371-714.010

101-265-714.010

592-172-714.010

226-226-714.010

592-291-714.040

Friendship Station (Boyce)

Supervisor's Office

IT Services (Janks)

Clerk's Office

Treasurer's Office

Police Dept.

Dispatch (Bonadeo)

Fire Dept

Fire (Admin) (Jowsey)

Building Dept.

Township Hall (Haack)

Public Services (Cobb, Latawiec, Martin)

Solid Waste (Visel)

DPW

Invoice Amount: **\$15,759.23**

Check Date: **02/06/2019**

230.63

990.60

563.36

1,817.58

954.29

631.21

286.99

3,712.78

249.75

1,180.97

238.39

823.73

315.79

2,535.24

Charter Township of Plymouth AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

| | | | | |
|---|--|--------------------------------------|-------------------------|--------------------|
| | | 592-291-714.010 | DPW (Fellrath & Hamann) | 972.16 |
| | | 101-336-714.020 | Fire (Van Gemert) | 255.76 |
| JOHN HANCOCK LIFE INSURANCE CO. | | Invoice Amount: | | \$4,780.88 |
| JOHN HANCOCK EMPLOYEE CONTRIB 2-1-19 (spr | | Check Date: | | 02/06/2019 |
| 101-100-231.000 | | Employee Contribution (EEMBT)(EEVND) | | 4,780.88 |
| MICHIGAN CONFERENCE OF TEAMSTERS | | Invoice Amount: | | \$12,467.20 |
| Health insurance -February 2019 (DPW) (individu | | Check Date: | | 02/06/2019 |
| 592-291-714.000 | | Bartlett, James | | 1,558.40 |
| 592-291-714.000 | | Krueger, Randy | | 1,558.40 |
| 592-291-714.000 | | Melow, Steven | | 1,558.40 |
| 592-291-714.000 | | Overaitis, Joseph | | 1,558.40 |
| 592-291-714.000 | | Scholten, James | | 1,558.40 |
| 592-291-714.000 | | Thomas, James | | 1,558.40 |
| 592-291-714.000 | | Nelson, David | | 1,558.40 |
| 592-291-714.000 | | Pumphrey, Zachary | | 1,558.40 |
| MUNSON, STEVE | | Invoice Amount: | | \$2,213.25 |
| JANUARY 2019 PLBG INSP PAY | | Check Date: | | 02/06/2019 |
| 101-371-818.000 | | INSP PAY | | 2,213.25 |
| NATIONWIDE RET SOL USCM/MIDWEST | | Invoice Amount: | | \$15,869.39 |
| Nationwide - Contribs. for pay ending 1-27-19- sp | | Check Date: | | 02/06/2019 |
| 101-100-239.000 | | Contributions for pay ending 1-27-19 | | 15,869.39 |
| P.O.A.M. - PLYMOUTH TOWNSHIP | | Invoice Amount: | | \$2,017.64 |
| POAM & Dispatch Union Dues -February 2019 (2 s | | Check Date: | | 02/06/2019 |
| 101-100-232.010 | | POAM Union Dues 2-19 | | 1,483.44 |
| 101-100-232.040 | | Dispatch Union Dues 2-19 | | 534.20 |
| CHARTER TWSP OF PLYMOUTH | | Invoice Amount: | | \$2,197.68 |
| Plymouth Township - Water/Sewer February 2019 | | Check Date: | | 02/06/2019 |
| 101-171-921.000 | | Supervisor | | 42.36 |
| 101-201-921.000 | | Information Services | | 22.67 |
| 101-209-921.000 | | Assessors | | 12.13 |
| 101-215-921.000 | | Clerk | | 36.81 |
| 101-253-921.000 | | Treasurer | | 15.37 |
| 101-265-854.000 | | Township Hall | | 108.73 |
| 101-305-921.000 | | Police | | 121.65 |
| 101-325-921.000 | | Communications/Dispatch | | 25.32 |
| 101-336-921.000 | | Fire | | 680.66 |
| 101-371-921.000 | | Building | | 26.67 |
| 101-371-921.500 | | Community Development | | 14.94 |
| 101-691-921.000 | | Park | | 563.59 |
| 226-226-921.000 | | Solid Waste | | 3.50 |
| 592-172-921.000 | | DPW Admin / General Expense | | 226.06 |
| 510-510-737.000 | | Golf Course | | 151.09 |
| 592-444-745.000 | | Power and Pumping | | 113.87 |
| 588-588-921.000 | | Friendship Station | | 6.94 |
| 101-325-921.400 | | Dispatch (Admin) | | 25.32 |
| TEAMSTER LOCAL # 214 | | Invoice Amount: | | \$484.00 |
| Teamster Local #214 February 2019 | | Check Date: | | 02/06/2019 |
| 101-100-232.030 | | Bartlett, James | | 55.00 |
| 101-100-232.030 | | Kitchen, Spencer | | 46.00 |
| 101-100-232.030 | | Krueger, Randy | | 58.00 |
| 101-100-232.030 | | Melow, Steven | | 58.00 |

Charter Township of Plymouth

AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

| | | |
|-----------------|-------------------|-------|
| 101-100-232.030 | Nelson, David | 55.00 |
| 101-100-232.030 | Overaitis, Joseph | 55.00 |
| 101-100-232.030 | Pumphrey, Z | 50.00 |
| 101-100-232.030 | Scholten, James | 55.00 |
| 101-100-232.030 | Thomas, James | 52.00 |

TECHNICAL, PROFESSIONAL AND OFFICE-

TPOAM Union Deductions - February 2019

Invoice Amount: \$449.50
Check Date: 02/06/2019

| | | |
|-----------------|-----------------------|-------|
| 101-100-232.060 | Bonadeo, Karen E. | 31.00 |
| 101-100-232.060 | Bono, Jennifer A. | 15.50 |
| 101-100-232.060 | Devoto, Claudia P. | 15.50 |
| 101-100-232.060 | Gordon, Cheryl | 31.00 |
| 101-100-232.060 | Haack, David | 31.00 |
| 101-100-232.060 | Jowsey, Nancy | 31.00 |
| 101-100-232.060 | Kline, Anne E. | 46.50 |
| 101-100-232.060 | Latawiec, Kelly | 31.00 |
| 101-100-232.060 | Leclair, Diane L. | 31.00 |
| 101-100-232.060 | MacDonald, Kenneth E. | 31.00 |
| 101-100-232.060 | Martin, Carol R. | 31.00 |
| 101-100-232.060 | Palmarчук, Cheri | 31.00 |
| 101-100-232.060 | Truesdell, Mary Ann | 15.50 |
| 101-100-232.060 | Visel, Sarah J. | 31.00 |
| 101-100-232.060 | Richardson, Mike | 15.50 |
| 101-100-232.060 | MacDonell, Carol | 15.50 |
| 101-100-232.060 | Geletzke, Alice | 15.50 |

UNUM LIFE INSURANCE CO. OF AMERICA

UNUM Premium Statement - February 2019

Invoice Amount: \$5,092.46
Check Date: 02/06/2019

| | | |
|-----------------|-----------------------|----------|
| 101-171-714.000 | Supervisor's Dept. | 117.47 |
| 101-201-714.000 | Information Systems | 69.00 |
| 101-215-714.000 | Clerk's Dept. | 236.00 |
| 101-253-714.000 | Treasurer's Dept. | 116.60 |
| 101-265-714.000 | Township Hall (Haack) | 37.76 |
| 101-305-714.000 | Police Dept. | 1,714.42 |
| 101-325-714.000 | Dispatch Dept. | 590.12 |
| 101-336-714.000 | Fire Dept. | 1,340.40 |
| 101-371-714.000 | Building Dept. | 160.05 |
| 226-226-714.000 | Solid Waste | 46.37 |
| 588-588-714.000 | Senior Trans. | 36.90 |
| 592-172-714.000 | Public Services | 125.39 |
| 592-291-714.000 | Public Works | 501.98 |

VANTAGEPOINT TRANSFER AGENTS 803492

Retirement Healthcare Contributions - Employer -

Invoice Amount: \$43,050.00
Check Date: 02/06/2019

| | | |
|-----------------|-----------------------|-----------|
| 101-171-714.000 | Supervisor's Dept. | 975.00 |
| 101-215-714.000 | Clerk's Dept. | 1,950.00 |
| 101-253-714.000 | Treasurer's Dept. | 975.00 |
| 101-305-714.000 | Police Dept. | 12,225.00 |
| 101-325-714.000 | Dispatch | 5,850.00 |
| 101-371-714.000 | Building Dept. | 975.00 |
| 226-226-714.000 | Solid Waste | 975.00 |
| 588-588-714.000 | Senior Transportation | 975.00 |
| 592-172-716.000 | DPW Dept. (Admin) | 2,700.00 |
| 592-291-714.000 | DPW Dept. | 4,875.00 |
| 101-336-714.000 | Fire | 10,575.00 |

VERIZON WIRELESS

February 2019 Wireless Billing Acct #2 MI DEAL

Invoice Amount: \$1,077.43
Check Date: 02/06/2019

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

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VENDOR INFORMATION

INVOICE INFORMATION

| | | |
|-----------------|-----------------------------------|--------|
| 592-291-853.000 | DPW | 495.62 |
| 101-201-853.000 | Info services wireless devices | 0.24 |
| 101-336-853.000 | Fire wireless devices | 200.05 |
| 101-691-853.000 | Park foreman wireless device iPad | 40.01 |
| 588-588-853.000 | Friendship Station | 110.80 |
| 101-325-853.000 | Dispatch | 103.63 |
| 226-226-853.000 | Solid Waste - Sarah Visel | 89.07 |
| 805-805-970.005 | Sidewalk Inspec. I-Pad | 38.01 |

VERIZON WIRELESS

Invoice Amount: \$1,086.99

February 2019 Wireless Billing Acct #1 - 5857629

Check Date: 02/06/2019

| | | |
|-----------------|----------------------------------|--------|
| 592-172-853.000 | DPW wireless devices | 114.24 |
| 101-201-853.000 | Info services wireless devices | 60.80 |
| 101-336-853.000 | Fire wireless devices | 142.81 |
| 101-691-853.000 | Park foreman wireless device | 50.19 |
| 101-253-853.000 | Treasurer Wireless Service | 50.80 |
| 101-305-853.000 | Police Dept. wireless service | 423.25 |
| 101-371-853.000 | Building Dept. Wireless Services | 244.90 |

KCI

Invoice Amount: \$4,511.43

Printing and Postage for 2019 Assessment Chang

Check Date: 02/06/2019

| | | |
|-----------------|---|----------|
| 101-290-730.000 | Print & Post for 2019 Assess. Change Notl | 4,511.43 |
|-----------------|---|----------|

Total Amount to be Disbursed: \$132,884.87

Charter Township of Plymouth
AP Invoice Listing - Board Report

K. Bonds 1/30/19
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VENDOR INFORMATION

INVOICE INFORMATION

| | | | | |
|--------------------------------------|-----------------|---------------------|------------------------|-------------------|
| 35TH DISTRICT COURT | | | Invoice Amount: | \$950.00 |
| BOND RECEIPT 01/122/2019 | | | Check Date: | 02/02/2019 |
| | 702-100-087.000 | BOND RECEIPT 007885 | | 150.00 |
| | 702-100-087.000 | BOND RECEIPT 007884 | | 300.00 |
| | 702-100-087.000 | BOND RECEIPT 007883 | | 500.00 |
| 35TH DISTRICT COURT | | | Invoice Amount: | \$50.00 |
| BOND RECEIPT 01/16/2019 | | | Check Date: | 02/02/2019 |
| | 702-100-087.000 | BOND RECEIPT 007882 | | 50.00 |
| 35TH DISTRICT COURT | | | Invoice Amount: | \$500.00 |
| BOND RECEIPT 01/14/2019 | | | Check Date: | 02/02/2019 |
| | 702-100-087.000 | BOND RECEIPT 007879 | | 500.00 |
| 35TH DISTRICT COURT | | | Invoice Amount: | \$100.00 |
| BOND RECEIPT 01/122/2019 | | | Check Date: | 02/02/2019 |
| | 702-100-087.000 | BOND RECEIPT 007887 | | 100.00 |
| Total Amount to be Disbursed: | | | | \$1,600.00 |

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Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

| | | | |
|---|---|------------------------|-------------------|
| AT & T | | Invoice Amount: | \$966.94 |
| AT&T -Fiber Circuits - January 2019 - Acct. # 83 | | Check Date: | 01/30/2019 |
| 101-325-853.400 | Fiber Circuits-January 2019 | | 966.94 |
| COMCAST | | Invoice Amount: | \$166.85 |
| Monthly Cable and Internet Township Hall - Janua | | Check Date: | 01/30/2019 |
| 101-290-941.000 | Township Hall Cable/Internet service | | 166.85 |
| COMCAST | | Invoice Amount: | \$146.85 |
| Comcast High Speed Internet -February 2019 Port | | Check Date: | 01/30/2019 |
| 592-291-805.000 | Comcast High Speed Internet Port Street | | 146.85 |
| COMCAST | | Invoice Amount: | \$175.43 |
| Mthly Internet & Phone and activation Fees - Frie | | Check Date: | 01/30/2019 |
| 101-265-854.000 | Friendship Station Internet & Phone | | 164.90 |
| 588-588-921.000 | Friendship Station Portion | | 10.53 |
| COMCAST | | Invoice Amount: | \$104.85 |
| Comcast High Speed Internet Monthly Fee - FS # | | Check Date: | 01/30/2019 |
| 101-336-921.000 | High Speed Internet FS #2 - monthly | | 104.85 |
| COMCAST | | Invoice Amount: | \$61.67 |
| Monthly Cable and Internet Township Hall -(Xfinit | | Check Date: | 01/30/2019 |
| 101-290-941.000 | 2/19 Internet & Cable Twp Hall | | 61.67 |
| CONSUMERS ENERGY | | Invoice Amount: | \$1,093.07 |
| DPW CHARGES ONLY monthly - January 2019 | | Check Date: | 01/30/2019 |
| 592-172-921.000 | DPW Consumers Energy | | 1,074.48 |
| 592-172-921.000 | DPW CONSUMERS ENERGY | | 18.59 |
| FIDELITY SECURITY LIFE INSURANCE CO | | Invoice Amount: | \$944.38 |
| EYEmed - Current Employees -February 2019 | | Check Date: | 01/30/2019 |
| 101-171-714.000 | Supervisor Dept. | | 5.69 |
| 101-201-714.000 | Info Systems | | 15.87 |
| 101-215-714.000 | Clerk Dept. | | 21.56 |
| 226-226-714.000 | Solid Waste (Visel) | | 15.87 |
| 101-253-714.000 | Treasurer Dept. | | 26.68 |
| 101-265-714.000 | Township Hall (Haack) | | 10.81 |
| 101-305-714.000 | Police Dept. | | 359.87 |
| 101-325-714.000 | Dispatch | | 133.91 |
| 101-336-714.000 | Fire Dept. | | 257.01 |
| 101-371-714.000 | Building Dept. | | 37.49 |
| 588-588-714.000 | Senior Trans (Boyce) | | 15.87 |
| 592-172-714.000 | Public Services | | 22.19 |
| 592-291-714.000 | Public Works Admin. | | 21.56 |
| FIDELITY SECURITY LIFE INSURANCE CO | | Invoice Amount: | \$575.36 |
| EYEmed - Retirees February 2019 | | Check Date: | 01/30/2019 |
| 101-290-714.500 | General Retirees | | 98.43 |
| 101-305-714.500 | Police Dept. Retirees | | 130.11 |
| 101-325-714.500 | Dispatch Retiree | | 10.81 |
| 101-336-714.500 | Fire Dept. Retirees | | 243.90 |
| 592-172-714.500 | Public Services Retiree | | 5.69 |
| 592-291-714.000 | Public Works Retirees | | 70.55 |
| 101-371-714.500 | Building Retirees | | 15.87 |

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

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VENDOR INFORMATION

INVOICE INFORMATION

| | | | |
|--|-----------------|-------------------------------|-------------------|
| HONKE, ANITA | | Invoice Amount: | \$135.50 |
| Medicare Part B - February 2019 | | Check Date: | 01/30/2019 |
| | 101-336-714.000 | Medicare Part B February 2019 | 135.50 |
| KNUPP, LINDA | | Invoice Amount: | \$271.00 |
| Medicare Part B January 2019 and February 2019 | | Check Date: | 01/30/2019 |
| | 101-336-714.500 | MedicarePart B - Jan. 2019 | 135.50 |
| | 101-336-714.500 | Medicare Part B - Feb. 2019 | 135.50 |
| MAAS, CARLAS | | Invoice Amount: | \$176.20 |
| Medicare Part B February 2019 | | Check Date: | 01/30/2019 |
| | 101-336-714.000 | Medicare Part B - Feb. 2019 | 176.20 |
| VERIZON WIRELESS | | Invoice Amount: | \$61.07 |
| Verizon - Cell Phones for Park & Fire -January 201 | | Check Date: | 01/30/2019 |
| | 101-691-853.000 | Park Cell phone | 40.01 |
| | 101-336-853.000 | Cell phone - fire | 21.06 |
| Total Amount to be Disbursed: | | | \$4,879.17 |

Weekly 118
1/30/19

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

VENDOR INFORMATION

INVOICE INFORMATION

| | | | |
|--|--------------------------------------|------------------------|-------------------|
| DTE ENERGY | | Invoice Amount: | \$38.70 |
| FS # 2 Service- December 2018 - 9200-013-7823- 101-336-921.000 | | Check Date: | 01/29/2019 |
| | FS #2 Electric Service December 2018 | | 38.70 |
| DTE ENERGY | | Invoice Amount: | \$248.35 |
| Baseball Diamonds December 2018 -- 9100-157- 101-691-921.000 | | Check Date: | 01/29/2019 |
| | Baseball Diamonds | | 248.35 |
| DTE ENERGY | | Invoice Amount: | \$100.20 |
| Hilltop Golf Course Pumphouse - December 2018 510-510-737.000 | | Check Date: | 01/29/2019 |
| | Hilltop Golf Course Pumphouse | | 100.20 |
| DTE ENERGY | | Invoice Amount: | \$41.09 |
| DTE Service Dec. 2018 - 12250 Beck Road (HTG) 510-510-737.000 | | Check Date: | 01/29/2019 |
| | 12250 Beck Rd - Dec. 2018 (HTGC) | | 41.09 |
| DTE ENERGY | | Invoice Amount: | \$26.36 |
| DTE Service Miller Park Decemberr 2018 - 9100-0 101-691-921.000 | | Check Date: | 01/29/2019 |
| | Miller Park Electric December 2018 | | 26.36 |
| M M L WORKER'S COMPENSATION FUND | | Invoice Amount: | \$4,170.00 |
| MML - Workers Comp Fund - Payroll Audit 7/1/17- 101-100-123.000 | | Check Date: | 01/29/2019 |
| | Payroll Audit Adjst. 7-1-17-7-1-18 | | 4,170.00 |
| PLYMOUTH POSTMASTER | | Invoice Amount: | \$2,000.00 |
| Water Bill Postage - Permit #218 November 2018 592-172-730.000 | | Check Date: | 01/29/2019 |
| | Permit #218 November 2018 Postage | | 2,000.00 |
| PLYMOUTH POSTMASTER | | Invoice Amount: | \$2,000.00 |
| Water Bill Postage - Permit #218 December 2018 592-172-730.000 | | Check Date: | 01/29/2019 |
| | Permit #218 December 2018 Postage | | 2,000.00 |
| A T & T LONG DISTANCE | | Invoice Amount: | \$67.35 |
| Long Distance Allocation December 2018 | | Check Date: | 01/29/2019 |
| 101-201-853.000 | -info services | | 4.61 |
| 101-209-853.000 | Assessing | | 2.75 |
| 101-371-853.000 | Building | | 7.67 |
| 101-336-853.000 | Fire | | 12.10 |
| 101-171-853.000 | Supervisor | | 7.17 |
| 101-253-853.000 | Treasurer | | 6.11 |
| 101-215-853.000 | Clerk | | 3.57 |
| 101-371-853.500 | Community Development (Planning) | | 2.85 |
| 101-325-853.000 | Dispatch | | 4.61 |
| 101-265-854.000 | Township Hall | | 1.10 |
| 101-691-853.000 | Park | | 0.86 |
| 592-172-853.000 | DPW | | 1.70 |
| 101-305-853.000 | Police | | 12.25 |

Total Amount to be Disbursed: \$8,692.05

Charter Township of Plymouth
AP Invoice Listing - Board Report

P. Bonds ^{Page 1} 1/23/19
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VENDOR INFORMATION

INVOICE INFORMATION

OAKLAND COUNTY FRIEND OF THE COURT

BOND RECEIPT 01/11/2019

702-100-087.000

BOND RECEIPT 007849

Invoice Amount:

\$500.00

Check Date:

01/26/2019

500.00

35TH DISTRICT COURT

BOND RECEIPT 01/14/2019

702-100-087.000

BOND RECEIPT 007875

702-100-087.000

BOND RECEIPT 007876

Invoice Amount:

\$440.00

Check Date:

01/26/2019

140.00

300.00

Total Amount to be Disbursed:

\$940.00

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

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| VENDOR INFORMATION | | | INVOICE INFORMATION | |
|---|-----------------|-----------|------------------------|-------------------|
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$765.00 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0021 | | 765.00 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$540.00 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0025 | | 540.00 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$57.50 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0017 | | 57.50 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$402.50 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0030 | | 402.50 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$2,876.25 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0042 | | 2,876.25 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$2,002.50 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0001 | | 2,002.50 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$1,425.00 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0005 | | 1,425.00 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$742.50 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0020 | | 742.50 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$402.50 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0006 | | 402.50 |
| SPALDING DEDECKER ASSOCIATES, INC. | | | Invoice Amount: | \$607.50 |
| BD Bond Refund | | | Check Date: | 01/27/2019 |
| | 701-100-202.701 | BE18-0002 | | 607.50 |
| Total Amount to be Disbursed: | | | | \$9,821.25 |

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

Weekly #18: 51
1/23/19

VENDOR INFORMATION

INVOICE INFORMATION

ADP INC

ADP EnterpriseTime & Workforce Now & Payroll S

| | |
|-----------------|------------------|
| 101-290-941.000 | Enterprise eTime |
| 101-290-941.000 | Workforce Now |
| 101-290-941.000 | Payroll Services |

Invoice Amount: \$4,326.79

Check Date: 01/24/2019

2,304.45
1,138.15
884.19

CONSUMERS ENERGY

Consumers Energy monthly -December 2018

| | |
|-----------------|-----------------------|
| 101-171-921.000 | Supervisor |
| 101-201-921.000 | Info Services |
| 101-209-921.000 | Assessing |
| 101-215-921.000 | Clerk |
| 101-253-921.000 | Treasurer |
| 101-305-921.000 | Police |
| 101-325-921.000 | Dispatch |
| 101-336-921.000 | Fire |
| 101-371-921.000 | Building |
| 101-371-921.500 | Community Development |
| 101-691-921.000 | Park |
| 226-226-921.000 | Solid Waste |
| 592-172-921.000 | DPW |
| 510-510-737.000 | Golf Course |
| 592-444-745.000 | DPW |
| 588-588-921.000 | Friendship Staton |
| 101-265-854.000 | Township Hall |
| 101-325-921.400 | Dispatch - new |

Invoice Amount: \$4,847.38

Check Date: 01/24/2019

226.47
121.18
64.83
196.81
82.20
650.37
135.37
2,073.41
142.57
79.87
507.30
18.77
168.93
(315.23)
180.62
22.71
355.83
135.37

WADE-TRIM OPERATIONS SERVICES

2018 Manhole Adjustment 9/3/18 - 9/29/18

| | |
|-----------------|--|
| 592-291-973.090 | 2018 Manhole Adjustment 9/3/18 - 9/29/18 |
|-----------------|--|

Invoice Amount: \$6,532.50

Check Date: 01/24/2019

6,532.50

WADE-TRIM OPERATIONS SERVICES

2018 Manhole Adjustment Contract 9/30/18 - 10/

| | |
|-----------------|----------------------------------|
| 592-291-973.090 | 2018 Manhole Adjustment Contract |
|-----------------|----------------------------------|

Invoice Amount: \$4,068.75

Check Date: 01/24/2019

4,068.75

JOHN HANCOCK LIFE INSURANCE CO.

Monthly Premium- December 2018 - Jowsey

| | |
|-----------------|--|
| 101-100-237.000 | Monthly Premium-Jowsey, Richard- 12-18 |
|-----------------|--|

Invoice Amount: \$64.40

Check Date: 01/24/2019

64.40

WESTERN TWNSPS UTILITIES AUTHORITY

WTUA - December 2018

| | |
|-----------------|----------------------------|
| 592-441-742.000 | Monthly Charges |
| 592-441-743.000 | YUCA IPP-IWC |
| 592-443-937.000 | Country Acres Pump Station |

Invoice Amount: \$154,478.48

Check Date: 01/24/2019

149,118.81
4,697.42
662.25

Total Amount to be Disbursed: \$174,318.30

Charter Township of Plymouth
AP Invoice Listing - Board Report

Rec'd: 1/23/19
52
1/23/19

VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL

Defined Contribution - PAYDATE January 18, 201

101-325-714.050

101-100-231.000

101-305-714.030

Define Contribution -Dispatch (Employer)

Employee Cont -all

Define Contribution-Police (ER)

Invoice Amount:

\$5,520.84

Check Date:

01/23/2019

1,667.04

1,445.97

2,407.83

BASIC

Monthly Fee for COBRA Administration (per Perso

101-290-818.000

Mthly Fee for COBRA (per person)

Invoice Amount:

\$60.00

Check Date:

01/23/2019

60.00

BLUE CARE NETWORK OF MICHIGAN

February 2019 Coverage Coverage - classes 7 & 8

101-171-714.000

101-201-714.000

101-253-714.000

101-305-714.000

101-325-714.000

101-336-714.000

101-371-714.000

592-291-714.000

101-305-714.500

101-336-714.500

101-215-714.000

101-265-714.000

592-172-714.000

226-226-714.000

592-291-714.000

Supervisor's Office

IT Dept.

Treasurer's Dept.

Police

Dispatch

Fire

Building

Public Works (Fellrath)

Police - Retirees

Fire - Retirees

Clerk's Office

Building & Grounds (Haack)

Public Services

Solid Waste (Visel)

Public Works Retiree (Wallace)

Invoice Amount:

\$85,940.66

Check Date:

01/23/2019

479.50

1,237.10

1,146.00

17,746.20

8,678.90

17,928.40

3,529.10

1,237.10

10,519.92

17,657.86

479.50

1,146.00

2,105.00

1,237.10

812.98

BLUE CARE NETWORK OF MICHIGAN

BCN of Michigan - Classes 9 & 10 - February 201

101-290-714.500

101-305-714.500

101-325-714.500

101-336-714.500

592-291-714.500

General Retirees Healthcare

Police Retirees Healthcare

Dispatch Retirees Healthcare

Fire Retirees Healthcare

Public Works Retirees Healthcare

Invoice Amount:

\$10,071.44

Check Date:

01/23/2019

4,379.10

583.88

583.88

3,356.82

1,167.76

I.A.F.F. - LOCAL 1496

IAFF - January 2019 Union Dues (individual list at

101-100-232.020

Jan 2019 Union Dues

Invoice Amount:

\$1,930.00

Check Date:

01/23/2019

1,930.00

Johnston Lewis Associates, Inc.

19/20 Storage Tank Liability INV. # 76954

592-291-863.000

Storage Tank Liability

Invoice Amount:

\$2,354.20

Check Date:

01/23/2019

2,354.20

M E R S

MERS January 2019 Employee AND Employer

101-100-231.030

101-100-231.030

101-100-231.020

101-100-231.050

101-305-714.030

101-305-714.030

101-336-714.020

101-325-714.050

COAM - Employee Contrib.

POAM - Employee Contrib

FIRE - Employee Contrib.

DISPATCH - Employee Contrib

COAM - Employer Contrib

POAM - Employer Contrib

FIRE - Employer Contrib

DISPATCH - Employer Contrib

Invoice Amount:

\$119,684.94

Check Date:

01/23/2019

3,203.82

10,163.66

9,856.14

2,935.87

14,499.45

24,398.00

47,349.00

7,279.00

JOHN HANCOCK LIFE INSURANCE CO.

JOHN HANCOCK EMPLOYER PEN MATCH 1-18-19

Invoice Amount:

\$14,991.95

Check Date:

01/23/2019

Charter Township of Plymouth
AP Invoice Listing - Board Report

Page: 2/2

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VENDOR INFORMATION

INVOICE INFORMATION

| | | |
|---|--|---------------------|
| 588-588-714.010 | Friendship Station (Boyce) | 230.63 |
| 101-171-714.010 | Supervisor's Office | 990.60 |
| 101-201-714.010 | IT Services (Janks) | 563.36 |
| 101-215-714.010 | Clerk's Office | 1,817.58 |
| 101-253-714.010 | Treasurer's Office | 954.29 |
| 101-305-714.010 | Police Dept. | 631.21 |
| 101-325-714.010 | Dispatch (Bonadeo) | 286.99 |
| 101-336-714.020 | Fire Dept | 3,201.26 |
| 101-336-714.010 | Fire (Admin) (Jowsey) | 249.75 |
| 101-371-714.010 | Building Dept. | 1,180.97 |
| 101-265-714.010 | Township Hall (Haack) | 238.39 |
| 592-172-714.010 | Public Services (Cobb, Latawiec, Martin) | 823.73 |
| 226-226-714.010 | Solid Waste (Visel) | 315.79 |
| 592-291-714.040 | DPW | 2,535.24 |
| 592-291-714.010 | DPW (Fellrath & Hamann) | 972.16 |
| <hr/> | | |
| JOHN HANCOCK LIFE INSURANCE CO. | Invoice Amount: | \$4,235.26 |
| JOHN HANCOCK EMPLOYEE CONTRIB 1-18-19 (s | Check Date: | 01/23/2019 |
| 101-100-231.000 | Employee Contribution (EEMBT)(EEVND) | 4,235.26 |
| <hr/> | | |
| JOHN HANCOCK LIFE INSURANCE CO. | Invoice Amount: | \$64.40 |
| Monthly Premium- January 2019 - Jowsey | Check Date: | 01/23/2019 |
| 101-100-237.000 | Monthly Premium-Jowsey, Richard- 1-19 | 64.40 |
| <hr/> | | |
| NATIONWIDE RET SOL USCM/MIDWEST | Invoice Amount: | \$15,928.79 |
| Nationwide - Contribs. for pay ending 1-13-19- sp | Check Date: | 01/23/2019 |
| 101-100-239.000 | Contributions for pay ending 1-13-19 | 15,928.79 |
| <hr/> | | |
| WESTERN TWNSPS UTILITIES AUTHORITY | Invoice Amount: | \$220,556.00 |
| WTUA - Asset Mgmt & Cap. Improvement Plan 20 | Check Date: | 01/23/2019 |
| 592-100-185.000 | 2019 CIP | 220,556.00 |
| <hr/> | | |
| Total Amount to be Disbursed: | | \$481,338.48 |

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019

ITEM E
PUBLIC COMMENT AND
QUESTIONS
(Limited to 3 Minutes)

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019

NEW
BUSINESS

ITEM F.1

**Text Amendments to Chapter 99 of
the Zoning Code
(Refer to the Planning Commission)**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: February 12, 2019

THIS IS A DUPLICATE OF PREVIOUS INFORMATION AND IS BEING PRESENTED FOR CONSIDERATION OF SENDING IT TO THE PLANNING COMMISSION FOR FURTHER REVIEW – NO OTHER ACTION WILL BE TAKEN!

ITEM: Text Amendment to Zoning Ordinance No. 99, Article XXII: Single Family Cluster Housing (PC Application #2316)

PRESENTERS:

Ms. Laura Haw, AICP, NCI, Planning Director
Kevin Bennett, Township Attorney

BACKGROUND AND TEXT AMENDMENT REQUEST:

A Cluster Housing Option (CHO) is a flexible development method that may be considered on Township parcels that meet the following minimum qualifications:

1. Parcels less than 40 acres in size;
2. Residential zoning classification of the R-1-E, R-1-H, R-1-S, R-1, and R-2 district; and
3. Potential for an open space benefit, as opposed to conventional subdivision design.

Cluster Housing Options are currently governed by Article XXII: Single Family Cluster Housing of the Township Zoning Ordinance, No. 99. No change to the above minimum qualifications for consideration is proposed as part of this text amendment. Rather, specific sections within Article XXII that govern the measurable benefits to the Township, in exchange for a density bonus, are proposed at this time.

It is also important to note that no reduction or impact to the public process is proposed as part of this text amendment.

Text amendment consideration of Article XXII was initiated at the request of Grand Sakwa to permit additional flexibility in the consideration of a density bonus. Presently, the Zoning Ordinance does not permit additional density considerations for exemplary projects, which can be viewed in planning as an incentive for higher quality development. However, a standalone provision for additional density is not in the best interest of the Township from a planning and quality of life perspective. Thus, Article XXII was also reviewed and updated for best practices related to neighborhood design, open space considerations and community benefits. Such provisions include, but are not limited to:

1. Section 22.1: Additional eligibility criteria to properly elevate the merits of a proposed Cluster Housing Option;
2. Section 22.3: Additional application requirements for submittal;
3. Section 22.9: Additional contract specifications;

PLANNING COMMISSION REVIEW AND RECOMMENDATION:

The Planning Commission, at their regular meeting on December 12, 2018, held a public hearing and considered the proposed Article XXII text amendment. No public comment was made. After deliberation, the Commission then recommended approval of the revised Article XXII to the Board of Trustees for consideration with minor changes (please note, the motion was not supported by Doroshewitz or Postell).

Since this time, the Planning Commission's requested modifications were incorporated and Township Attorney review of Article XXII conducted.

The enclosed draft Article XXII reflects all Attorney and Planning Commission recommendations; new, proposed text is shown with red underline and existing text to be removed is shown with ~~strikeout~~.

RECOMMENDATION:

To approve PC Application #2316, as recommended by the Planning Commission, for a text amendment to Article XXII of the Zoning Ordinance, No. 99, subject to any modifications by the Board.

PROPOSED MOTION:

I move to forward the attached material relative to a proposed text amendment to the Plymouth Township Zoning Ordinance, No. 99, Article XXII: Single Family Cluster Housing (PC Application #2316) to the Planning Commission for further review.

Moved by: _____ Seconded by: _____

ROLL CALL:

____ Vorva, ____ Dempsey, ____ Heitman, ____ Clinton, ____ Heise, ____ Curmi, ____ Doroshewitz

Enclosed: Draft Article XXII: Single Family Cluster Housing of the Zoning Ordinance, No. 99



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: January 22, 2019

ITEM: Text Amendment to Zoning Ordinance No. 99, Article XXII: Single Family Cluster Housing (PC Application #2316),

PRESENTERS:

Ms. Laura Haw, AICP, NCI, Planning Director
Kevin Bennett, Township Attorney

BACKGROUND AND TEXT AMENDMENT REQUEST:

A Cluster Housing Option (CHO) is a flexible development method that may be considered on Township parcels that meet the following minimum qualifications:

1. Parcels less than 40 acres in size;
2. Residential zoning classification of the R-1-E, R-1-H, R-1-S, R-1, and R-2 district; and
3. Potential for an open space benefit, as opposed to conventional subdivision design.

Cluster Housing Options are currently governed by Article XXII: Single Family Cluster Housing of the Township Zoning Ordinance, No. 99. No change to the above minimum qualifications for consideration is proposed as part of this text amendment. Rather, specific sections within Article XXII that govern the measurable benefits to the Township, in exchange for a density bonus, are proposed at this time.

It is also important to note that no reduction or impact to the public process is proposed as part of this text amendment.

Text amendment consideration of Article XXII was initiated at the request of Grand Sakwa to permit additional flexibility in the consideration of a density bonus. Presently, the Zoning Ordinance does not permit additional density considerations for exemplary projects, which can be viewed in planning as an incentive for higher quality development. However, a standalone provision for additional density is not in the best interest of the Township from a planning and quality of life perspective. Thus, Article XXII was also reviewed and updated for best practices related to neighborhood design, open space considerations and community benefits. Such provisions include, but are not limited to:

1. Section 22.1: Additional eligibility criteria to properly elevate the merits of a proposed Cluster Housing Option;
2. Section 22.3: Additional application requirements for submittal;
3. Section 22.9: Additional contract specifications;
4. Section 22.10: Additional open space requirements;
5. Section 22.10: Justification standards for separation distance modification requests;
6. Section 22.10: Higher quality architectural standards;
7. Section 22.11: Request for a Density Impact study provision; and
8. Section 22.12: Exemplary Project justification standards.

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

**A RESOLUTION OF THE TOWNSHIP BOARD
ADOPTING A ZONING ORDINANCE TEXT AMENDMENT**

Previous Proposed **RESOLUTION #2019-01-22-07**

At a regular meeting of the Township Board of the Charter Township of Plymouth, County of Wayne, Michigan, held on January 22, 2019, at 7:00 p.m. prevailing local time.

PRESENT: _____

ABSENT: _____

The following Preamble and Resolution was offered by _____ and supported by _____:

WHEREAS, the Plymouth Township Planning Commission pursuant to the Michigan Zoning Enabling Act, Act 110 of 2006, as amended, has prepared a Zoning Ordinance text amendment to Article XXII: Single Family Cluster Housing; and

WHEREAS, the Planning Commission has conducted a public hearing on the proposed Zoning Ordinance, Article XXII text amendment in accordance with the requirements of said Act 110 of 2006; and

WHEREAS, the Planning Commission has recommended adoption of the Zoning Ordinance, Article XXII text amendment; and

WHEREAS, the Township Board has reviewed the Zoning Ordinance, Article XXII text amendment recommended by the Planning Commission; and

WHEREAS, the Township Board has determined that adoption of the Zoning Ordinance, Article XXII text amendment is in the best interest of the health, safety, and welfare of the Township and its residents.

NOW, THEREFORE, BE IT RESOLVED that, pursuant to Michigan Zoning Enabling Act, Act 110 of 2006, as amended, the Township Board hereby approves and adopts the Zoning Ordinance, Article XXII text amendment. The Township Board hereby directs the Township Clerk to publish a notice of adoption of the Zoning Ordinance text amendment within fifteen (15) days after the date of this resolution.

AYES: _____

NAYS: _____

PLANNING COMMISSION REVIEW AND RECOMMENDATION:

The Planning Commission, at their regular meeting on December 12, 2018, held a public hearing and considered the proposed Article XXII text amendment. No public comment was made. After deliberation, the Commission then recommended approval of the revised Article XXII to the Board of Trustees for consideration with minor changes (please note, the motion was not supported by Doroshewitz or Postell).

Since this time, the Planning Commission's requested modifications were incorporated and Township Attorney review of Article XXII conducted.

The enclosed draft Article XXII reflects all Attorney and Planning Commission recommendations; new, proposed text is shown with red underline and existing text to be removed is shown with ~~strikeout~~.

RECOMMENDATION:

To approve PC Application #2316, as recommended by the Planning Commission, for a text amendment to Article XXII of the Zoning Ordinance, No. 99, subject to any modifications by the Board.

PROPOSED MOTION:

I move to adopt Resolution #~~2019-01-22-07~~ authorizing a text amendment to the Plymouth Township Zoning Ordinance, No. 99, Article XXII: Single Family Cluster Housing (PC Application #2316).

Moved by: _____ Seconded by: _____

ROLL CALL:

____ Doroshewitz, ____ Heise, ____ Heitman, ____ Vorva, ____ Clinton, ____ Curmi, ____ Dempsey

Enclosed: Draft Article XXII: Single Family Cluster Housing of the Zoning Ordinance, No. 99

Charter Township of Plymouth Zoning Ordinance No. 99
Article 22: Single Family Cluster Housing

ARTICLE XXII

SINGLE FAMILY CLUSTER HOUSING – DRAFT v.2

PURPOSE

The purpose of the Single Family Cluster Housing Option (**CHO**) is to permit optional methods of development and arrangement of single family structures on parcels less than forty (40) acres gross area in the R-1-E, R-1-H, R-1-S, R-1 and R-2 single family residential districts, which provide for design alternatives compatible with existing and future adjacent single family subdivisions, and which meet one or more of the following characteristics:

1. The parcel contains natural assets such as large stands of trees, rolling topography, swale areas, flood, plains or wetlands which would be in the best interest of the community to preserve and would otherwise be substantially destroyed if developed under traditional subdivision requirements.
2. Because of the parcel's peculiar configuration, it would be difficult to develop under traditional subdivision requirements.
3. Because of the parcel's particular relationship to thoroughfare and/or collector roads and existing circulation patterns for abutting subdivisions, it would be difficult to develop under traditional subdivision requirements.
4. Because of the parcel's particular relationship to a limited access highway, development under the cluster option would result in a more suitable living environment than could be achieved under strict adherence to traditional subdivision requirements.

SEC. 22.1 STATEMENT OF PRINCIPLES SINGLE FAMILY CLUSTER HOUSING
ELIGIBILITY PRINCIPLES

Single Family Cluster Housing is an optional method of development which may be permitted only after a public hearing, review and recommendation by the Planning Commission, and approval by the Township Board of Trustees, and upon finding that the proposed cluster housing development reflects the following basic principles:

1. The proposal is in conformity with the spirit and intent of the Cluster Housing Option as established in the purpose Section of this Article.
2. A recognizable and material benefit to the ultimate users of the project and to the community, where such benefit would otherwise be unfeasible or unlikely to be achieved without application of the CHO regulations.
- 2.3. The vehicular circulation system planned for the proposed development will be in the best interest of the public health, safety and welfare in regards to the overall circulation of the community, egress/ingress to the site, vehicular turning movements related to street intersections and street gradient, site distance and potential hazards to the normal flow of traffic.

PURPOSE

SEC. 22.1

STATEMENT OF PRINCIPLES

Charter Township of Plymouth Zoning Ordinance No. 99

Article 22: Single Family Cluster Housing

In reviewing the proposed interior circulation system for the proposed project, the Planning Commission shall determine the necessity for public roads and the potential future extension of such roads to adjacent properties.

All interior roads, both public and private, shall be constructed in compliance with existing construction standards as adopted by the Wayne County Department of Public Services for residential streets. The Planning Commission and/or Township Board may waive this requirement after review and recommendation by the Township Planner and Township Engineer, provided the proposed waiver will not materially impair the intent and purpose of this Ordinance or the public interest.

- ~~3.4.~~ The proposed units, circulation, layout, parking facilities, pedestrian connections / circulation and any open space or recreation activity areas / amenities are designed and located in a manner that ensures the stability of existing or future conventional single family residential properties in the area.
- ~~4.5.~~ Proposed landscape plantings, fences, walls and/or open space areas are appropriate and of sufficient size, height and quantity to insure that the proposed development will not be objectionable to nearby existing or future conventional single family residential properties by reason of noise, fumes or flash of lights from automobiles, or exterior lighting; nor will it interfere with an adequate supply of light and air, increase the danger of fire or otherwise endanger the public safety.
- ~~5.6.~~ The development shall be designed to create a cohesive community neighborhood through common open space areas for passive or active recreation and for resident interaction. All open space areas shall be equally available to all residents of the Cluster Housing community. The neighborhood shall be designed to create clusters of housing, synergy and promote interaction. Where applicable, the development should provide a range of housing opportunities through varied housing types, dwelling sizes and lot sizes within a single neighborhood.
- ~~6.7.~~ The development will permit the protection of environmentally sensitive areas and preserve on a permanent basis open space, natural features, including large stands of trees, rolling topography, significant views, swale areas, flood plains or wetlandst. This principle (Section 23.1.2) may not be applicable to potential redevelopment sites in the ARC or OS ARC Districts, in which case Section 23.1.8 below shall apply. This determination shall be made by the Planning Commission and Township Board after review of a documented site analysis to be submitted by the applicant. In the case of a proposed CHO to a site which is lacking said natural areas, this requirement can be satisfied by the creation of natural areas and amenities.
- ~~7.8.~~ The Cluster Housing Option will provide long-term protection of historic structures or significant architecture worthy of historic preservation, if applicable.
- ~~8.9.~~ The proposed development will not adversely impact the capability of public services and facilities in the area or the Township as a whole.

SEC. 22.2 APPLICATION

Charter Township of Plymouth Zoning Ordinance No. 99

Article 22: Single Family Cluster Housing

Application for approval shall be made by the titleholder or titleholders of any parcel where use of the Cluster Housing Option is contemplated. The application shall be accompanied by a fee determined by Township Board resolution to cover the cost of evaluating the application.

SEC. 22.3 APPLICATION INFORMATION

Application for a Cluster Housing Option approval shall contain the following information:

1. Survey and Site Analysis

- (a) A metes and bounds survey and legal description of the acreage comprising the proposed Cluster Housing Development, including a disclosure of mineral rights ownership.
- (b) Topographic survey, including natural and manmade features at a scale of one inch equals fifty feet (1"=50'), with a contour interval not to exceed two (2) feet.
- (c) Site analysis, which identifies the character, structure and potential of the site as it relates to this Article, including areas adjacent to the subject property and sufficient information about the nearby properties, so that a determination can be made by the Planning Commission and Board as to the impact of the proposed Cluster Housing development on the general planning area in which it is located. The analysis shall include as a minimum the following:
 - 1) Adjacent Land Uses: Indicate type and impact on adjoining lands, direction and distance to community facilities; show transportation routes related to site.
 - 2) Drainage: Natural watershed (direction), drainage swales and swamp areas.
 - 3) Soils: Depth of topsoil and type of soils.
 - 4) Vegetation: Locate and identify existing tree masses, locate and identify specimen plant material and indicate type of ground cover.
 - 5) Existing Conditions: Structures, utilities and circulation.
 - 6) Special Features: Lakes, streams, ponds, floodplains and wetlands, dramatic views and significant natural, archeological, historical or cultural features.

- 2. Documentation related to the Purpose and Eligibility Principles sections of this Article indicating why this parcel should be considered for development under the Cluster Housing Option, with a specific description of the proposed recognizable benefit to the ultimate users of the project and to the community.

- 3. General Development Plan: A plan of sufficient detail to define the proposed location of buildings, parking, interior circulation of vehicles and pedestrians (including sidewalks, trails and bike paths, etc.), landscape areas, open / recreation spaces, other special site amenities / features, and the method of handling storm water run-off, sanitary sewer and water facilities. (Scale 1"=50' minimum).

Charter Township of Plymouth Zoning Ordinance No. 99

Article 22: Single Family Cluster Housing

4. Proposed method of ownership.
5. General concept of the building types to be used, including typical architectural elevations of proposed residential dwellings.
6. A parallel plan conforming to all applicable requirements of a conventional residential development demonstrating the number of residential units or lots that could be developed following the requirements of the zoning district without the cluster option.
7. Any other pertinent information deemed necessary by the Planning Commission or Township Board to make a determination concerning the desirability of applying the provisions of this Article.

22.4 PUBLIC HEARING REQUIREMENTS

At least one (1) public hearing shall be held by the Planning Commission on a proposed Cluster Housing Development Option in order to acquaint the public and adjoining property owners with the proposal prior to ~~finishing~~ furnishing of detailed plans and specifications by the Applicant. Notice of the hearing shall be published in a newspaper which circulates in the Township, not less than 15 days before the public hearing, and sent by mail or personal delivery to the owners of property for which approval is being considered, to all persons to whom real property is assessed, within three hundred (300) feet of the boundary of the property in question and to the occupants of all structures within three hundred (300) feet of the property regardless of whether the property or occupant is located in the zoning jurisdiction. The notice shall be given not less than 15 days before the date the application will be considered. If the name of the occupant is not known, the term "occupant" may be used in making notification. The notice shall be prepared in accordance with the Michigan Zoning Enabling Act, Act 110 of 2006, as amended, and shall:

1. Describe the nature of the Cluster Housing request.
2. Indicate the property which is subject of the Cluster Housing request. The notice shall include a listing of all existing street addresses within the property. Street addresses do not need to be created and listed if no such addresses currently exist within the property. If there are no street addresses, other means of identification may be used.
3. State when and where the Cluster Housing request will be considered.
4. Indicate when and where written comments will be received concerning the request.

SEC. 22.5 PLANNING COMMISSION RECOMMENDATION

The Planning Commission shall review the proposed Cluster Housing Option for conformance with the provisions of this Ordinance, the intent, spirit, and purpose of this Article, and the statement of Eligibility Principles listed in Section 22.1. ~~and its compatibility with adjacent uses of land, the natural environment, and the capability of public services and facilities affected by the proposed Cluster.~~

SEC. 22.4
SEC. 22.5

PUBLIC HEARING REQUIREMENTS
PLANNING COMMISSION
RECOMMENDATION

Charter Township of Plymouth Zoning Ordinance No. 99

Article 22: Single Family Cluster Housing

Within a reasonable time following the public hearing and having a complete application, the **Planning Commission** shall recommend to the Township Board of Trustees approval, denial or approval with conditions of the Cluster Option. The decision and basis for the decision shall be recorded in the meeting minutes. The Commission's recommendations shall be forwarded to the Township Board of Trustees stating the Commission's findings, recommendations and any recommended conditions of approval.

SEC. 22.6 TOWNSHIP BOARD ACTION

Upon receipt of the recommendations of the **Planning Commission**, the Township Board shall review the application, recommendations, and may approve, approve with condition, or deny the application. The decision and basis for the decision shall be recorded in the meeting minutes.

SEC. 22.7 DISAPPROVAL BY TOWNSHIP BOARD

If the Township Board denies the request to apply the provisions of the Cluster Housing Option to the parcel of land as described in the survey submitted with the application, it shall record the decision and the basis for the decision in the meeting minutes. In the case of a denial, development of the subject property can be made only in accordance with the provisions of the Zoning Ordinance for the district where the property is located.

SEC. 22.8 APPROVAL BY TOWNSHIP BOARD

If the Township Board of Trustees approves the request to apply the provisions of the Cluster Housing Option to the parcel of land as described in the survey submitted with the application, ~~it shall record the decision and the basis for the decision in the meeting minutes.~~ Approval by the Board shall confer approval to develop the parcel of land described in the application under the conditions and requirements of the Cluster Housing Option. Such approval shall be further subject to the following:

1. Cluster **Housing** Option approval shall not constitute approval of a preliminary plat, final plat, final site plan or final site condominium plan.
2. Approval Period: Said approval by the Township Board of Trustees shall grant the applicant a period of one (1) year ~~and six (6) months~~ from the date of Cluster Housing Option approval to submit and receive final site plan or final site condominium plan approval (dependent upon the method of ownership proposed), and to submit a **CHO** contract for approval to the Township Board.
3. Extensions of Cluster Housing Option approval may be granted by the Township Board upon written request of the applicant and upon showing of good faith and effort by the applicant. Failure to request such extension shall be deemed an abandonment of the proposed Cluster Housing Option.
4. Approval of the final site plan or final condominium site plan and approval of a Cluster Housing Option contract by the Township Board is a prerequisite for issuance of a building permit by the Department of Building and Code Enforcement.

SEC. 22.9 CONTRACT REQUIREMENTS

| | |
|-----------|-------------------------------|
| SEC. 22.6 | TOWNSHIP BOARD ACTION |
| SEC. 22.7 | DISAPPROVAL BY TOWNSHIP BOARD |
| SEC. 22.8 | APPROVAL BY TOWNSHIP BOARD |

Charter Township of Plymouth Zoning Ordinance No. 99

Article 22: Single Family Cluster Housing

Prior to final site plan, final plat, or final condominium site plan approval, or in conjunction with the respective submissions, the applicant shall submit to the Planning Commission for recommendation and to the Township Board for approval, a proposed contract setting forth the conditions upon which approval of the Cluster Housing Development is based. The contract, after review by the Planning Commission and approval by the Township Board, shall be entered into between the Township and the developer. Said contract shall provide:

1. The manner of ownership of the land, including mineral rights.
2. The manner of the ownership and of the dedication of ~~the~~ common open ~~land~~ space, parks and/or amenities.
3. The restrictive covenants required for membership rights and privileges, maintenance and obligation to pay assessments for ~~the~~ common open ~~land~~ space, parks and/or other features. The dedicated open space shall be set aside by the developer through an irrevocable conveyance and protected by a Maintenance Agreement, in a form and manner acceptable to the Township. Such conveyance shall assure the open space will be protected and used as intended on the concept plan. Said documents shall bind all successors and future owners in fee title to commitments made as part of the proposal, but shall allow transfer of ownership and control to a subdivision or condominium association consisting of residents within the development, provided notice of such transfer is provided to the Township. Such conveyance shall indicate the allowable use(s) within the dedicated open space. Upon transfer to a successor of the developer, the open space shall be maintained by the property owners association or condominium association.
4. The stipulations pertaining to commencement and completion of the phases of the development, to construction, installation, repairs and maintenance of improvements, to obligations for payment of any costs, expenses or fees planned or reasonably foreseen, and to the manner of assuring payment of obligations.
5. Provisions for the Township to effect construction, installation, repairs and maintenance and use of public utilities, storm and sanitary sewers and drainageways, water, streets, sidewalks and lighting, and of the open land and improvements thereon, and any other conditions of the plan, and the manner for the assessment, and enforcement of assessments for the costs, expenses, or fees incidental thereto against the applicant, or the future owners or occupants of the Cluster Housing Development.
6. The Final Development Plan, final condominium site plan or final plat shall be incorporated by reference and as exhibits.
7. Provisions reasonably and necessarily intended to protect public health, safety, morals or general welfare of neighboring residents or the Township as a whole, to address any conditions of approval, or to further the purpose and intent of this Article.

SEC. 22.10 GENERAL CONDITIONS

The option allows for development of detached and attached one family dwelling clusters in the R-1-E, R-1-H, R-1-S, R-1, ~~R-M~~ and R-2 Residential Districts.

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1. Clustering of the dwelling units shall be in a manner which preserves the basic amenities normally found in single family residential neighborhoods, while allowing for innovative site layout, and a ~~potential~~ increase of common open space, parks, natural areas, and/or amenities.
2. Open space shall be designed to achieve the following, as applicable on a site-by site basis:
 - (a) Organized around the site's most important natural features, a physical design element or to link existing and planned open spaces.
 - (b) Provide pedestrian pathways within the open spaces and link with adjacent open spaces, public parks, Township facilities or existing and planned non-motorized routes.
 - (c) Provide areas for active public recreation, informal spontaneous recreation or passive recreation amenities for the benefit of residents or users of the development.
 - (d) Preserve or create a buffer from adjacent land uses.
 - (e) Be highly visible within the development and/or from public view.
3. Each dwelling unit shall be provided with a private exterior entrance, with visual and physical separation from adjacent dwelling units.
4. The method by which dwelling units may be attached shall be limited to the following:
 - (a) A common party wall in the garage portion of the unit only.
 - (b) Obscuring walls, architectural screens fencing or similar elements designed to create a private outdoor area.
 - (c) A common party wall between individual dwelling units, which defines interior living or storage space, provided that the exterior design of the building is compatible with existing single family structures located in the general area in architectural style, size, overall floor area and height, and that the structure complies with acoustic control standards as established by the Chief Building Official ~~for Cluster Housing.~~
5. Where the proposed cluster development abuts an existing conventional single family subdivision or land zoned for single family use, the Planning Commission shall ensure that an orderly transition occurs in one of the following manners:
 - (a) Detached single-family dwellings, subject to the standards of the Schedule of Regulations for the particular zoning district.
 - (b) Open or recreation space and associated amenities. Any accessory uses / structures that are a significant different scale or character than the surrounding residential districts (such as tennis courts, parking areas, etc.) shall not be located near the boundary of the development so as to negatively impact the residential use of adjacent lands.
 - (c) Sufficient change of topography.
 - (d) Buffer plantings of sufficient size, character, density and quantity to adequately provide for an orderly transition.
 - (e) Any other means the Planning Commission finds to be consistent with the spirit and intent of this Ordinance and the objectives of this Article.

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Article 22: Single Family Cluster Housing

6. Attached dwelling units shall be subject to the following:
 - (a) The maximum number of units which may be attached shall be ~~four (4)~~ six (6) units.
 - (b) The exterior design of the structures shall be compatible with existing single family structures located in the general area of the project in regards to architectural style, size, overall floor area and height.
 - (c) Variety in the design of individual units shall be provided by the use of design details which do not appear to be continuous or repetitious. A building pattern which is repetitious throughout the project shall not be permitted.
7. All buildings shall be set back a minimum of forty (40) feet from the street setback line for a major thoroughfare [projected right-of-way one hundred twenty (120) feet] or collector road [projected right-of-way eighty-six (86) feet]. The Planning Commission may reduce this requirement to allow development consistent with existing or future single family developments along the major thoroughfare or collector road.
7. All buildings shall be set back a minimum of forty-two (42) feet from the edge of any internal private street providing general circulation through the site. A minimum setback of twenty-five (25) feet ~~shall be provided on drives whose primary purpose is to serve as access for only a few units. may be permitted, provided the project offers exemplary design and neighborhood best practices, such as additional recreational amenities, pedestrian connections, and streetscape enhancements with additional landscaping and street lighting. The Planning Commission on the basis of the Site Plan shall determine which streets provide general circulation and those which serve only a few units.~~
8. **Yard and Building Separation Standards**

The requirements of Article 20, Schedule of Regulations applicable for minimum lot size and yard requirements shall not apply under the Cluster Housing Option. The arrangement of buildings, distances between buildings and intended use of yard areas shall be reviewed by the Planning Commission. Yard requirements and minimum separation distances between buildings shall be provided as follows:

 - (a) Separation between Detached Dwelling Units. A minimum of ten (10) feet shall be provided between each detached unit except that the distance between garages or between a garage and living area may be reduced to six (6) feet with Planning Commission approval. The applicant shall clearly indicate the intended use of outdoor and indoor areas and proposed elevations facing each other. Where the space between units is intended for use as outdoor living space, the separation shall be a minimum of twenty (20) feet.
 - (b) Separation between Dwelling Clusters. Minimum spacing between clusters shall be determined by the number of living units that are arranged in any cluster group, as shown in the following table:

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Article 22: Single Family Cluster Housing

| NUMBER OF LIVING UNITS PER CLUSTER | MINIMUM DISTANCE BETWEEN CLUSTERS (feet) |
|---------------------------------------|---|
| 1 Unit Cluster and a 1 Unit Cluster | 10.0 |
| 1 Unit Cluster and a 2 Unit Cluster | 15.0 |
| 1 Unit Cluster and a 3 Unit Cluster | 20.0 |
| 1 Unit Cluster and a 4 Unit Cluster | 25.0 |
| 2 Unit Cluster and a 2 Unit Cluster | 20.0 |
| 2 Unit Cluster and a 3 Unit Cluster | 25.0 |
| 2 Unit Cluster and a 4 Unit Cluster | 30.0 |
| 3 Unit Cluster and a 3 Unit Cluster | 30.0 |
| 3 Unit Cluster and a 4 Unit Cluster | 40.0 |
| 4+ Unit Cluster and a 4+ Unit Cluster | 40.0 |

- (c) Planning Commission Modifications. After review of the proposed plan and ~~the proposed~~ use of yard areas and arrangement of buildings, the Planning Commission may require additional setbacks or separation distances between buildings or clusters of buildings to ensure that the intent of this Ordinance is carried out and the public health, safety and welfare of the community is adequately served and may reduce separation distances between buildings or clusters of building where sufficient justification is presented and where the public health and safety is not compromised.
- (d) The minimum building setback in a Single Family Cluster shall be 50 feet from any perimeter property line or street setback line of the development parcel. However, based on factors such as lack of impacts on adjacent sites or the particular relationship of the building(s) to the side and/or rear property line, the Planning Commission may reduce the required building setbacks from any side or rear property line. In no case shall be building setback be less than 35 feet.
- (e) Where a building in a Single Family Cluster sides to the right-of-way of a road, the minimum building setback from the street setback line shall be equal to the front yard setback for the abutting zoning district, if one of the abutting districts fronting the same road is zoned single family residential. In no case shall the building setback be less than 25 feet.
9. Where the proposed cluster development abuts a designated thoroughfare and/or collector road, the Planning Commission shall ensure that the treatment along said roads is compatible with existing or future single family developments in the area, and that an orderly transition occurs in one of the following manners:
- (a) Detached single family dwellings, subject to the standards of the Schedule of Regulations for the particular zoning district.
 - (b) Open or recreation space and associated amenities.
 - (c) Sufficient change of topography.

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- (d) Buffer plantings of sufficient size, character, density and quantity to adequately provide for an orderly transition.
- (e) Mounding or berming of sufficient size, height and slope to insure proper maintenance of the area and to adequately provide for an orderly transition.
- (f) Any other proposed means the Planning Commission finds to be consistent with the spirit and intent of this Ordinance and the objectives of this Article.

10. Architectural Standards

The following minimum architectural design and exterior wall finish materials standards are intended to encourage greater design variety, encourage greater variety and interest in the design of individual buildings, minimize repetition of design elements between neighboring structures, avoid design monotony within neighborhoods and prohibit the use of materials that are less permanent or are not consistent with a residential appearance.

Residential structures in a Cluster Housing development shall be subject to the following, unless otherwise determined by the Planning Commission:

- (a) **Facade Materials.** A minimum of ~~forty (40)~~ **sixty (60)** percent of the exterior vertical surface of the principal building façades shall be finished with brick, stone or similar decorative masonry materials approved by the Planning Commission. Variations in color shall be kept to a minimum and shall be in harmony with the surrounding area.
 - (b) **Other Elements.** Other architectural elements intended to increase architectural variety, interest and reduce monotony in building design may be required by the Planning Commission. Such elements may include variation of the location and design of building entries, garage door orientation, porches, window openings, roof design and pitch, building materials, etc.
 - (c) Variety in the design of individual units on each block shall be provided by the use of design details which do not appear to be continuous or repetitious. A building pattern which is repetitious throughout the project shall not be permitted.
 - (d) A minimum of 50% of residential units shall have side entry, rear entry or detached garages. Attached front facing garages shall incorporate design elements that diminish the appearance of the garage. Attached front facing garages shall be recessed a minimum of five-feet behind the front building line.
 - (e) **Planning Commission Modifications.** The Commission shall have the authority to vary the specific requirements of this subsection upon determination that alternative designs, materials or other architectural elements would be in accordance with the Purpose and Eligibility Principles sections of this Article.
11. **Covenants and Restrictions or Master Deed:** Architectural standards required as conditions of Cluster Housing development approval shall be included in the covenants and restrictions and/or master deed of the development.

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12. Open spaces shall include all-weather pedestrian paths to permit convenient access for residents. Access easements connecting local streets within the cluster development to open spaces shall have a minimum width of ten (10) feet.

SEC. 22.11 PERMITTED DENSITIES

The area used in computing overall density shall be the gross site area including any dedicatable interior right-of-way less than eighty-six (86) feet in width and twenty-five percent (25%) of the water area of water located wholly within the boundaries of the parcel. Permitted dwelling unit density shall be further subject to the following:

1. Planning Commission Modifications

The Planning Commission may vary the ~~percentage of water area to be used in the density calculation~~ overall gross density of up to 25 percent when a developer conveys land for open space, recreation, or other purposes that is accessible to the public, upon determination that such an increase would be within the spirit and intent of the Cluster Option as established in the Purpose Section and the overall ~~projection~~ project would be in harmony with the existing and proposed land patterns of adjacent properties and the general planning area.

The following gross densities may be permitted, subject to modification:

| ZONING DISTRICT | MAXIMUM NUMBER OF DWELLING UNITS PER ACRE |
|-----------------|---|
| R-1-E | 0.86 |
| R-1-H | 1.70 |
| R-1-S | 3.05 |
| R-1 | 5.00 |
| R-2 | 9.40 |

Exemplary Projects. An additional density bonus, greater than 25 percent, may be considered by the Planning Commission for exemplary projects. To qualify, the proposed development must provide a recognizable and substantial benefit to the residents of the community and overall quality of life in the Township through site design in excess of the requirements of this Ordinance, such as extensive landscaping, unique site features, preservation of woodlands / natural features, creation of recreation amenities, and buffering. Not less than 25 percent of the site shall be conveyed as common open space, exclusive of, right-of-way, lots and streets.

Density Impact. The proposed type and density of use shall not result in an unreasonable increase in the need for or impact to public services, facilities, roads, and utilities in relation to the use or uses otherwise permitted by this Ordinance, and shall not place an unreasonable impact to the subject and/or surrounding land and/or property owners and occupants and/or the natural environment. The Planning Commission may require that the applicant prepare an Impact Statement documenting the significance of any environmental, traffic or socio-economic impact resulting from the proposed open space community. An unreasonable impact shall be considered an unacceptable significant adverse effect on the quality of the surrounding community and the natural environment in comparison to the impacts associated with conventional development. Should impacts be identified, a mitigation plan is required.

Charter Township of Plymouth Zoning Ordinance No. 99

Article 22: Single Family Cluster Housing

2. Exclusions

The following shall be excluded from the area used in computing overall density:

- (a) Dedicated or dedicatable interior and exterior right-of-way equal to eighty-six (86) feet in width or greater. This shall be determined by the established street setback lines, in the case of existing streets.
- (b) Water area which is not wholly within the boundaries of the parcel to be developed.

SEC. 22.12 AMENDMENT, TERMINATION AND REVOCATION

Approval of the Final Development Plan, final plat, or final condominium site plan by the Planning Commission, and subsequent final approval by the Township Board of the Cluster Housing Option Contract, signifies the completion of the Cluster Housing development application process. The applicant shall comply with all conditions and requirements of the approved Cluster Housing Option contract and final site plan or final condominium site plan, which shall remain unchanged except upon the mutual consent of the Township and the landowner.

1. Compliance Required

Once an area has been included within the Final Development Plan, final plat, or final condominium site plan approved for a Cluster Housing Development, no development may take place in such area nor may any use thereof be made except in accordance with said plan, or in accordance with a Board approved amendment thereto, unless the plan is terminated as provided herein.

2. Amendment

An approved Cluster Housing contract and Final Development Plan, final plat, or final condominium site plan may be amended in the same manner provided in this Article for approval of the ~~original~~ Final Development Plan and Contract, excluding scope of work which is permitted by Section 29.4: Administrative Review.

3. Termination

An approved CHO Contract and Final Development Plan, final plat, or final condominium site plan for a Cluster Development may be terminated by the applicant prior to any development within the Cluster Housing Development involved by filing with the Township Clerk and recording in the Wayne County Records an affidavit so stating. The approval of the CHO Contract and Final Development Plan, final plat, or final condominium site plan for the Cluster Housing Development shall terminate upon said recording. No approved CHO Contract and Final Development Plan, final plat, or final condominium site plan shall be terminated after any development commences, except with the approval of the Township Board and of all parties of interest in the land, except as outlined below.

4. Revocation

A Cluster Housing Option approval may be revoked by the Township Board in any case where the conditions of such approval have not been or are not being complied with. If it is determined that the conditions of the approval are not being met, the Chief Building Official shall issue an immediate stop work order and communicate in writing his actions to the applicant and to the

Charter Township of Plymouth Zoning Ordinance No. 99
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Township Board with reason therefore. The Township Board shall give the applicant notice of its intention to revoke such approval at least ten (10) days prior to review of said approval by the Board. After conclusion of such review the Township Board may revoke such approval if it finds that a violation in fact exists and has not been remedied prior to such hearing.

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019

NEW
BUSINESS

ITEM F.2
Outdoor Café Text Amendments
Resolution #2019-02-12-12



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: February 12, 2019

ITEM: Text Amendment to Article 12: C-1, Neighborhood Shopping District of the Plymouth Township Zoning Ordinance, No. 99, Resolution #2019-02-12-12

PRESENTER: Ms. Laura Haw, AICP, NCI, Planning Director

BACKGROUND:

Enclosed, please find a copy of the proposed text amendment to the C-1, Neighborhood Shopping district to permit restaurants, the sale of alcohol as a permitted, accessory use, subject to use requirements, and outdoor seating. Track changes are shown for ease of review in the enclosed draft Ordinance.

Currently, the sale of alcohol is not permitted in the C-1 district and sit-down restaurants are only permitted as a special land use. Please note, drive-in or drive-through restaurants are not permitted in the C-1 district and no change to this standard is proposed.

A public hearing was held at the November 2018 Planning Commission on this amendment and subsequently discussed by the Commission at regular and work session meetings.

Additionally, at the November 2018 Planning Commission meeting, an analysis of Plymouth Township's outdoor dining ordinance requirements, surrounding municipalities' outdoor dining ordinances, and best practice standards as recommended by the American Planning Association (APA) were presented and discussed. Outdoor dining is currently not permitted in the C-1 district and it was recommended that such provisions be included, with additional use provisions, greater than those currently provided today (see below).

Plymouth Township's existing regulations are located in *Article XIII: C-2, General Commercial District, section 13.2 Special Land Uses*, and requires, as follows:

Outdoor cafes and eating areas accessory to a permitted restaurant use, subject to the following:

- (a) *Pedestrian circulation and access to building entrances shall not be impaired. A minimum of six (6) feet of sidewalk leading to the entrance to the establishment shall be maintained free of tables and other encumbrances. Planters, posts with ropes or other enclosures shall be used to define the area occupied by the outdoor café.*
- (b) *The outdoor café shall be kept clean, litter-free, and with a well-kept appearance within and immediately adjacent to the area of the tables and chairs. Additional outdoor waste receptacles may be required. Written procedures for cleaning and waste containment and removal responsibilities shall be included with all applications and approved by the Planning Commission. Preparation of food and beverages is prohibited in the outdoor café area.*

- (c) *Tables, chairs, planters, waste receptacles, and other elements of street furniture shall be compatible with the architectural character of the adjacent buildings, subject to Planning Commission approval.*

A second public hearing was held at the January 16, 2019 regular meeting of the Planning Commission, no public comment was made.

RECOMMENDATION:

To consider the enclosed, proposed text amendment to Article 12: C-1, Neighborhood Shopping District of the Plymouth Township Zoning Ordinance, No. 99, as recommended by the Planning Commission.

PROPOSED RESOLUTION:

I move to approve Resolution 2019-02-12-12, authorizing a text amendment to Article 12: C-1, Neighborhood Shopping District of the Plymouth Township Zoning Ordinance, No. 99.

Enclosed: Proposed Article 12, Zoning Ordinance No. 99
 Draft Application for Outdoor Cafés / Dining Areas

Moved By: _____ Supported By: _____

ROLL CALL VOTE:

_____Dempsey, _____Doroshewitz, _____Heise, _____Heitman, _____Vorva, _____Clinton, _____Curmi

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
TEXT AMENDMENT TO ARTICLE 12
C.1 NEIGHBORHOOD SHOPPING DISTRICT
RESOLUTION #2019-02-12-12**

At a meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall located at 9955 N Haggerty Road, Plymouth, Michigan on February 12 2019 at 7:00 PM, and,

WHEREAS, the Planning Director of the Charter Township of Plymouth has reviewed Township Zoning Ordinance No 99 and in particular Article 12; C-1 regarding the Neighborhood Shopping District, and,

WHEREAS, the Planning Commission held a public hearing on this issue at their November, 2018 meeting and reviewed an analysis of Plymouth Township's outdoor dining ordinance requirements in relation to surrounding municipalities and best practice standards as recommended by the American Planning Association (APA) and,

WHEREAS, the Planning Commission held a second public hearing on January 16, 2019 at their regular meeting and further discussed making amendments to the current ordinance which does not address the ability to maintain and provide for outdoor cafes and eating areas, and,

WHEREAS, the Planning Commission is asking that the Board of the Charter Township of Plymouth consider and authorize the text amendment as presented to allow for outdoor cafes that operate within the guidelines and standards as provided in this text amendment,

NOW THEREFORE BE IT RESLVED that the Board of the Charter Township of Plymouth does hereby approve **Resolution #2019-02-12-12**, authorizing a text amendment to Article 12: C-1 Neighborhood Shopping District of the Plymouth Township Zoning Ordinance, No. 99

Moved By: _____ Supported By: _____

ROLL CALL VOTE:

___ Curmi, ___ Dempsey, ___ Doroshewitz, ___ Heise ___ Heitman, ___ Vorva, ___ Clinton

Charter Township of Plymouth Zoning Ordinance No. 99**Page 65****Article 12: C-1 Neighborhood Shopping District****Amendments:****ARTICLE XII****C-1 NEIGHBORHOOD SHOPPING DISTRICT****PURPOSE**

To provide for neighborhood shopping facilities in close proximity to residential areas which satisfies the need for non-durable convenience goods and/or personal services and to encourage the planned concentration of such activities in locations where analysis of the residential population within a one mile radius demonstrates the need for such facilities.

SEC. 12.1 PRINCIPAL PERMITTED USES

No building or land shall be used and no building shall be erected except for one or more of the following specified uses, unless otherwise provided in this Ordinance:

1. Any use permitted in an OS Office Service District, as a principal permitted or special land use, provided such use does not meet the definition of "large scale institutional uses", unless otherwise indicated in this Article.
2. Retail establishments, whose principal activity is the sale of food and/or drugs in an enclosed building without drive-in or drive-through facilities, such as and limited to:
 - (a) Bakeries, limited to retail, on the premises only.
 - (b) Candy, confectionery and ice cream stores.
 - (c) Delicatessens.
 - (d) Drug stores and pharmacies, without drive-in or drive-through facilities.
 - (e) Dairy stores, without drive-in or drive-through facilities.
 - (f) Food market, grocery stores and meat markets.
 - (g) Party stores.
 - (h) Tobacco stores.
 - (i) Other retail establishments as determined by the Planning Commission to be consistent with the purpose and standards of the C-1 District.
3. Establishments which provide personal services in an enclosed building excluding drive-in or drive-through businesses and not exceeding 10,000 square feet of gross floor area, such as and limited to:

PURPOSE**SEC. 12.1****PRINCIPAL PERMITTED USES**

Charter Township of Plymouth Zoning Ordinance No. 99**Page 66****Article 12: C-1 Neighborhood Shopping District****Amendments:**

- (a) Barber shop or beauty parlor.
 - (b) Dry cleaning or laundry pick-up shops.
 - (c) Laundromat.
 - (d) Rental business with no outside storage or outside display of goods.
 - (e) Shoe and hat repair.
 - (f) Tailor shops.
 - (g) Television, computer, and radio repair shops.
 - (h) Watch repair shops.
4. Restaurants, but not including drive-in or drive-through restaurants.
5. Restaurants, as permitted in 12.1(4), serving food and/or alcoholic beverages, subject to the following requirements:
- (a) The service of alcohol is considered an accessory use to the principle use of the building and may not occupy greater than 30% of the total gross floor area.
 - (b) The service of alcohol is limited to the hours of 9:00 AM – 10:00 PM.
46. Public schools offering courses in general education provided that such facilities do not meet the definition of “large scale institutional use” subject to the following requirements:
- (a) All vehicular access to the site shall be from a paved primary or collector road, as classified in the Township Master Plan. The Planning Commission may allow secondary access from local streets.
 - (b) All schools shall be licensed by the State of Michigan. Documentation shall be provided by the proprietor relative to such facility’s ability to obtain a license.
57. Outdoor cafes and dining areas, accessory to a permitted restaurant use, subject to annual administrative site plan approval and the following requirements:
- (a) Pedestrian circulation and access to building entrances shall not be impaired. A minimum of six-feet of sidewalk width leading to the entrance to the primary establishment and the outdoor café shall be maintained free of encumbrances.
 - (b) The outdoor café shall be kept clean, litter-free and with a well-kept appearance within and immediately adjacent to it. Written procedures for cleaning and waste containment and removal responsibility shall be included with all application.
 - (c) Tables, chairs, planters, waste receptacles and other street furniture elements shall

Charter Township of Plymouth Zoning Ordinance No. 99**Page 67****Article 12: C-1 Neighborhood Shopping District****Amendments:**

be compatible with the architectural character of the on-site building and adjacent buildings.

(d) Outdoor café space must be delineated by decorative planters, landscaping, four-foot or less in height fencing, or other decorative enclosures to define the space.

(e) Hours of operation of the outdoor café space must be consistent with the hours of operation of the primary establishment, provided that outdoor hours of operation may be no later than 11:00 pm. In the C-1 district, outdoor hours of operation may be no later than 9:00 pm.

(f) Tables, chairs and must be locked or taken inside when the facility is closed.

(g) All furniture must be removed from December 1 – February 28.

(h) No amplified music shall be permitted if residential lot or dwellings are within 300 feet of the outer boundary of the outdoor café area. Details regarding any music be provided, including: hours, type of entrainment, music speaks or similar devices.

78. Accessory structures and uses customarily incidental to the above permitted uses, subject to the standards of this Article, including restrictions on accessory warehousing and storage as specified in Section 12.3, Development Requirements.

SEC. 12.2 SPECIAL LAND USES

The following uses shall be considered special land uses in this district and shall be permitted only after review and approval by the Planning Commission in accordance with the procedure and standards as found in Section 2.7 of this Ordinance and further subject to the requirements listed below:

1. Any of the principal permitted uses and related accessory uses listed in Section 12.1 with hours of operation within the time period 12 Midnight to 6:00 A.M.

2. ~~Restaurants, but not including drive-in or drive-through restaurants, or those which provide entertainment or dancing or which sell alcoholic beverages.~~

32. Public and quasi-public uses intended to serve the neighborhood and immediate vicinity including park and ride facilities, provided that they do not meet the definition of “large scale institutional uses.”

43. Municipal facilities, including libraries and community buildings, provided that they do not meet the definition of “large scale institutional uses”.

54. Commercial child care centers and adult care facilities, as licensed by the State of Michigan, subject to the standards of Section 28.64.

Charter Township of Plymouth Zoning Ordinance No. 99**Page 68****Article 12: C-1 Neighborhood Shopping District****Amendments:**

- 65.** Charter and private schools, including parochial, elementary, intermediate and/or secondary schools, provided that they do not meet the definition of “large scale institutional uses” offering courses in general education subject to the following conditions:
- (a) All vehicular access to the site shall be from a paved primary or collector road, as classified in the Township Master Plan. The Planning Commission may allow secondary access from local streets.
 - (b) All schools shall be licensed by the State of Michigan. Documentation shall be provided by the proprietor relative to such facility’s ability to obtain a license.
- 76.** Public utility transformer stations, substations and gas regulator stations without service or storage yards shall comply with the requirements of Section 26.12, Areas Requiring Screening and/or Buffering, and shall provide a front yard setback of not less than fifty (50) feet, and two (2) side yards and a rear yard of not be less than twenty five (25) feet each.
7. Outdoor cafes and dining areas accessory to a permitted restaurant use, which do not comply with the standards of section 12.1.7.

SEC. 12.3 DEVELOPMENT REQUIREMENTS

All principal uses and special land uses in the C-1 Neighborhood Shopping District shall comply with all applicable requirements of this Ordinance, including, but not limited to the following:

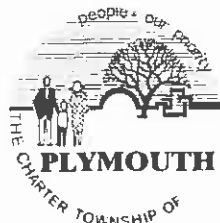
1. Site plan and development approval for all uses as specified in Article 29 of this Ordinance.
2. Off-street parking for all uses as specified in Article 24 of this Ordinance.
3. Off-street loading for all uses as specified in Article 24 of this Ordinance.
4. Landscaping, screening and land use buffers for all uses as specified in Article 26 of this Ordinance.
5. Height, area, lot coverage and yard regulations as specified in Article 20 of this Ordinance.
6. Signs for all uses as specified in Article 25 of this Ordinance.
7. Special Provisions, as specified in Article 28 of this Ordinance.
8. The following specific requirements shall apply within a C-1 Neighborhood Shopping District:

Charter Township of Plymouth Zoning Ordinance No. 99**Page 69****Article 12: C-1 Neighborhood Shopping District****Amendments:**

- (a) The above specified stores, shops or businesses shall be retail or service establishments dealing directly with consumers and offering personal services and/or new merchandise only.
- (b) Such stores, shops or businesses shall be conducted entirely within a building.
- (c) All goods produced on the premises shall be sold only at retail on the premises. Manufacturing of products for distribution or sale at off-premises locations shall be prohibited in the C-1 District.
- (d) All warehousing and storage of goods associated with permitted uses in the C-1 district shall be limited to that which is normally associated with the permitted use and/or shall be restricted to that amount necessary to support on-site operations of the principal use. There shall be no outside storage of goods, inventory, or equipment.
- (e) All exterior walls of every building hereafter erected or extended or whose exterior is structurally altered which faces a street or which is adjacent to property classified as residential shall be designed, treated and finished in a uniform manner consistent with the exterior of the front of the building. All such buildings shall comply with Section 28.14, Building Design Standards.
- (f) Underground utilities shall be provided as required under Section 28.10.
- (g) Compliance with Section 28.5, Environmental Performance Requirements, is required for all uses.
- (h) Yard Grading and Drainage. All yard and open space areas in a C-1 Neighborhood Shopping District shall be graded as specified in Section 28.15 of this Ordinance.
- (i) All buildings shall be readily accessible by fire and emergency vehicles, and shall comply with the Township Fire Prevention Ordinance.
- (j) Sidewalks shall be provided as specified in Section 28.16 of this Ordinance.
- (k) Lighting shall comply with the standards as specified in Section 28.8, Exterior Lighting.
- (l) The method of trash pick up shall be presented to the Planning Commission for approval. Dumpsters and similar waste receptacles shall be subject to the requirements of Section 28.9, Waste Receptacles.
- (m) Street trees shall be provided between the street or road pavement and sidewalk of all public right of ways.

Charter Township of Plymouth Zoning Ordinance No. 99**Page 70****Article 12: C-1 Neighborhood Shopping District****Amendments:**

- (n) Fences. In all Neighborhood Shopping Districts it shall be unlawful for any person to build, repair or relocate a fence without first having secured a Zoning Compliance and/or Building permit from the Department of Building and Code Enforcement. All fencing and/or screening walls required and approved by the Planning Commission as part of a special land use and/or site plan approval shall be, subject to the following:
- 1) Protective or Security Fencing: Protective or security fencing shall be considered a structure enclosing a piece of land or separating contiguous land either in whole or part, serving the purpose of preventing intrusion onto or across a lot of record or any parcel or tract of unplatted land from without or straying from within. The following shall govern the height, location and placement of protective or security fencing:
 - a) Maximum Height: The maximum height of a protective or security fence shall be four (4) feet.
 - b) Material: Fences shall not be constructed of old or used material unless such material shall be reasonably sound in the judgment of the Department of Building and Code Enforcement. Fences shall not be made of or contain barbed wire, electric current or charges of electricity or sharp or pointed projections of any kind; provided if such fence is constructed of pickets, the pickets shall be made of not less than one (1) inch by three (3) inch material and shall have an angle at the top of not less than ninety (90) degrees. The fence shall comply with the requirements of the applicable requirements of the State Construction Code enforced by the Township. Cyclone fencing or cyclone fencing with plastic or other types of strips intertwined or otherwise attached to the fence shall be prohibited.
 - c) Placement: No fence shall be built closer to the street than the front setback line applicable to the premises pursuant to the Article 20, Schedule of Regulations, provided no fence shall be built closer to the street than the established front building line along said street or in front of the principal building on the lot that is closest to the street setback.
 - d) The Planning Commission may, at its discretion, permit alternative fence placements, heights or materials in keeping with the spirit and intent of this Ordinance and deemed necessary to provide adequate protection for the abutting properties.



Plymouth Township
9955 N. Haggerty Road
Plymouth, MI 48170
plymouthtwp.org

Outdoor Café / Dining Application

ADMINISTRATIVE REVIEW

| | |
|--------------|--|
| Date: | Project Address and Name of Business: |
|--------------|--|

Property Tax ID No.(s): R-78-

| | |
|---|------------------------|
| Site Acreage (or Impacted Area): | Current Zoning: |
|---|------------------------|

Below, be sure to indicate the email address for each individual to receive correspondence on this project:

Applicant

Property Owner (if different than Applicant)

| | |
|--------------------------|--------------------------|
| Name: | Name: |
| Address: | Address: |
| City, State, Zip: | City, State, Zip: |
| Phone: | Phone: |
| Email: | Email: |
| Signature | Signature |
| Date | Date |

By signing above, it is agreed that: *I hereby certify that the information given herein, and that all information and data furnished in connection with this application, is true and correct. I acknowledge that I am solely responsible for any and all errors and omissions.*

TOWNSHIP USE ONLY:

| | |
|------------------------|----------------------|
| Application No: | Project Name: |
| Total Application Fee: | \$ _____ |
| Additional App. Fee: | \$ _____ |
| Additional App. Fee: | \$ _____ |

| | |
|---------------|------------|
| Check # _____ | Date _____ |
| Check # _____ | Date _____ |
| Check # _____ | Date _____ |

Applications will not be processed unless completely filled out. Neither the Charter Township of Plymouth, nor any of its employees, agents or representatives shall be responsible for any error or omission in information or data submitted in connection with this application. A fee established by the Township Board must accompany each application.



Plymouth Township
9955 N. Haggerty Road
Plymouth, MI 48170
plymouthtwp.org

Outdoor Café / Dining Application

ADMINISTRATIVE REVIEW

Notes:

Seven (7) hard copies of a scaled site plan must be submitted to the Township and contain the following information:

| Requirements: | Provided | N/A |
|---|----------|-----|
| <i>Square footage of the proposed outdoor café / dining area.</i> | | |
| <i>Number of seats proposed.</i> | | |
| <i>Dimensions to all trees, lights, hydrants, curbs, ramps, doors that open into the café / dining area, building and other obstructions.</i> | | |
| <i>Dimensions of pedestrian circulation and access to building entrances: a minimum of six-feet of sidewalk width leading to the entrance to the primary establishment and the outdoor café shall be maintained free of encumbrances.</i> | | |
| <i>Dimensions of the café area and the calculation for the overall café square footage.</i> | | |
| <i>Notation that "The café shall be kept clean, litter-free and with a well-kept appearance within and immediately adjacent to it."</i> | | |
| <i>Written procedures for cleaning and waste containment and removal responsibility.</i> | | |
| <i>Photo(s) or model number(s) for all tables, chairs, planters, waste receptacles and other street furniture elements. All site furnishing must be compatible with the architectural character of the on-site building(s) and adjacent building(s).</i> | | |
| <i>The outdoor café must be delineated by planters, landscaping, four-foot or less in height fencing, or other decorative enclosures to define the space. Fencing material used should be black or "streetscape" green and should resemble a wrought iron style.</i> | | |
| <i>Hours of operation must be clearly noted on the site plan and consistent with the hours of operation of the primary establishment, provided that outdoor hours of operation may be no later than 11:00 pm.</i> | | |
| <i>In the C-1 district, outdoor hours of operation may be no later than 9:00 pm.</i> | | |
| <i>Notation that "Tables, chairs and must be locked or taken inside when the facility is closed."</i> | | |
| <i>Notation that "At a minimum, all furniture must be removed from December 1 – February 28".</i> | | |
| <i>If outdoor music is proposed:</i> | | |
| <ul style="list-style-type: none"> <i>Details regarding any music be provided, including: hours, type of entrainment, music speaks or similar devices.</i> <i>No amplified music shall be permitted if residential lot or dwellings are within 300 feet of the outer boundary of the outdoor café area. Documentation to this effect must be provided to ensure the separation distance is met.</i> | | |

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**NEW
BUSINESS**

**ITEM F.3
PLYMOUTH CANTON LITTLE
LEAGUE USE AGREEMENT
Resolution #2019-02-12-13**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: February 12, 2019

ITEM: Letter of Agreement with Plymouth-Canton Little League for priority use of Baseball Diamond #4 at Township Park, Resolution #2019-02-12-13

PRESENTERS: Supervisor Heise/Jeffery Holt, Plymouth-Canton Little League

BACKGROUND:

The attached Letter of Agreement with the Plymouth-Canton Little League (the 'Club') would allow it to have priority use of Field #4 at Township Park. It is based on the Plymouth Reign Soccer Club agreement that we approved last year for their use of the Lakepointe Soccer Fields and would have a duration of one year.

As part of this agreement, the Club shall perform all maintenance and preparation on Field #4 and undertake four "Community Improvement" projects totaling roughly \$17,000 in 2019, involving the refurbishment and nighttime lighting of the existing flag & flagpole at the field, enclosing Field #4 with fencing down the lines to protect players and fans, and installation of a grass infield on Field #4 including proper preparation (base layers), irrigation, and sodding. This document has been reviewed by Attorney Bennett.

PROPOSED MOTION: I move that the Board of Trustees approve Resolution #2019-02-12-13, authorizing the Letter of Agreement between the Charter Township of Plymouth and the Plymouth-Canton Little League allowing for the priority use of Field #4 and ongoing enhancements to Plymouth Township Park and authorize the Supervisor and Clerk to sign same.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi,___ Clinton, ___Heitman, ___Doroshewitz, ___Dempsey, ___Heise

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
LETTER OF AGREEMENT WITH
PLYMOUTH CANTON LITTLE LEAGUE
RESOLUTION #2019-02-12-13**

At a meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall located at 9955 N Haggerty Road, Plymouth, Michigan on February 12 2019 at 7:00 PM, and,

WHEREAS, the Plymouth Canton Little League programs provide high quality youth baseball and programs for the community youth, and,

WHEREAS, it is mutually beneficial to Plymouth Township and the Plymouth Canton Little League Program to partner with each other to continue providing these programs to area residents, and,

WHEREAS, this partnership allows for ongoing enhancements at Plymouth Township Park, and,

NOW THEREFORE BE IT RESOLVED that the Board of Trustees of the Charter Township of Plymouth does hereby approve **Resolution #2019-02-12-13**, authorizing the signing of the Letter of Agreement between the Charter Township of Plymouth and Plymouth Canton Little League for priority use of Field #4 at Plymouth Township Park.

Moved By: _____ Supported By: _____

ROLL CALL VOTE:

____ Heitman, ____ Vorva, ____ Curmi, ____ Clinton, ____ Dempsey, ____ Doroshewitz, ____ Heise



***PLYMOUTH CANTON LITTLE LEAGUE (PCLL):
LEAGUE OVERVIEW & BASICS***

**For Plymouth Township Board of Directors,
February 6, 2019**

PLYMOUTH-CANTON LITTLE LEAGUE: OFFICIALLY CHARTERED BY LITTLE LEAGUE INTERNATIONAL

A local non-profit 501c3, with a mission to serve ...

- Our kids
- Our families
- Our league
- Our communities



WHY WE DO WHAT WE DO ...

➔ *It really is all about the kids ...*

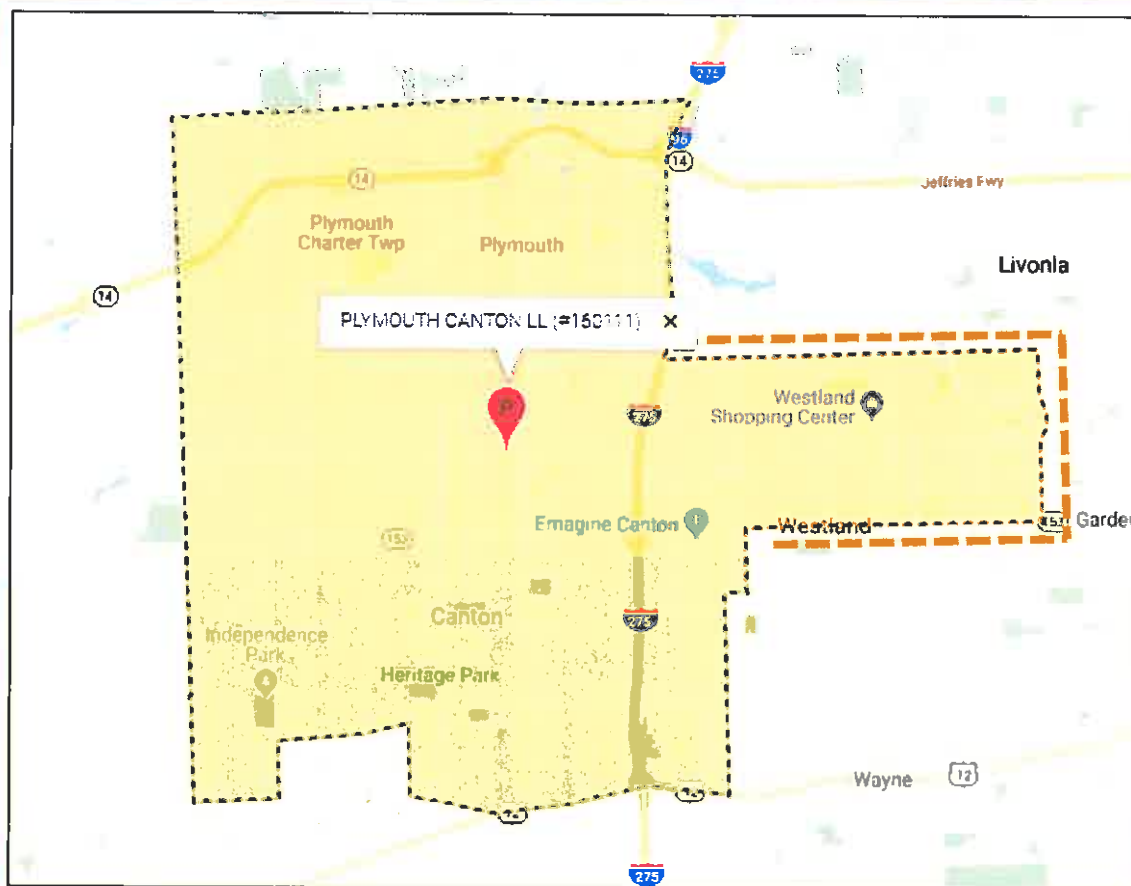


PCLL BOUNDARY MAP 2018-2019

Plymouth-Canton Little League / Little League International, Michigan District 16

BOUNDARY DETAIL

- Northern most boundary: Five (5) Mile Road in Plymouth
- Eastern most boundaries: Eckles Road (south of 5 Mile Road) & Hannan Road (south of Glenwood Road) – **with new extension to Merriman Rd, into Westland in the East**
- Southern most boundary: Mott Road (east of Denton Road) / Van Born Road (west of Hannan Road)
- Western most boundary: Napier Road



BOARD OF DIRECTORS 2018-2019

Jeff Holt – President / Coaches Development

Don Lohrmann – VP of Baseball Operations / Chief Umpire

Cassandra Fletcher-Martin – VP Finance and Controller

Randy Gerber – VP Safety

Maria Kuechler – VP Marketing & Communications

Jeniellsa Hill & Dave Eason – Co VPs, Softball Operations **(NEW for 2019)**

Karen Daley – Director, Scheduling And Juniors Coordinator

Amanda Eason – Softball Player Agent and Administration **(NEW for 2019)**

Jason Findlan – Director, Equipment Manager

Andrea Gerber – Director, Uniforms Coordination

Nikki Grenillo – Director, Special Events & Opening Day Activities

John Hetkowski – Director, Finance and Audit Oversight

Shad Jordan – Co-Director, Competition Committee and Clinics

Julie Lancaster – Director, Concessions / Fundraising

Andrew Meier – Director, Little League Player Agent

Gino Polidori – Director, Sponsorships and Community Engagement

Karin Stombaugh – Director, Lightning Tournaments

Jason Stombaugh – Director, Special Projects and Advisor to President / Board

Ken & Amy Wood – Directors, Clinics & Clinic Staffing

Stan Zajdel – Co-Director, Competition Committee and Clinics





PCLL IS A WINNING TEAM



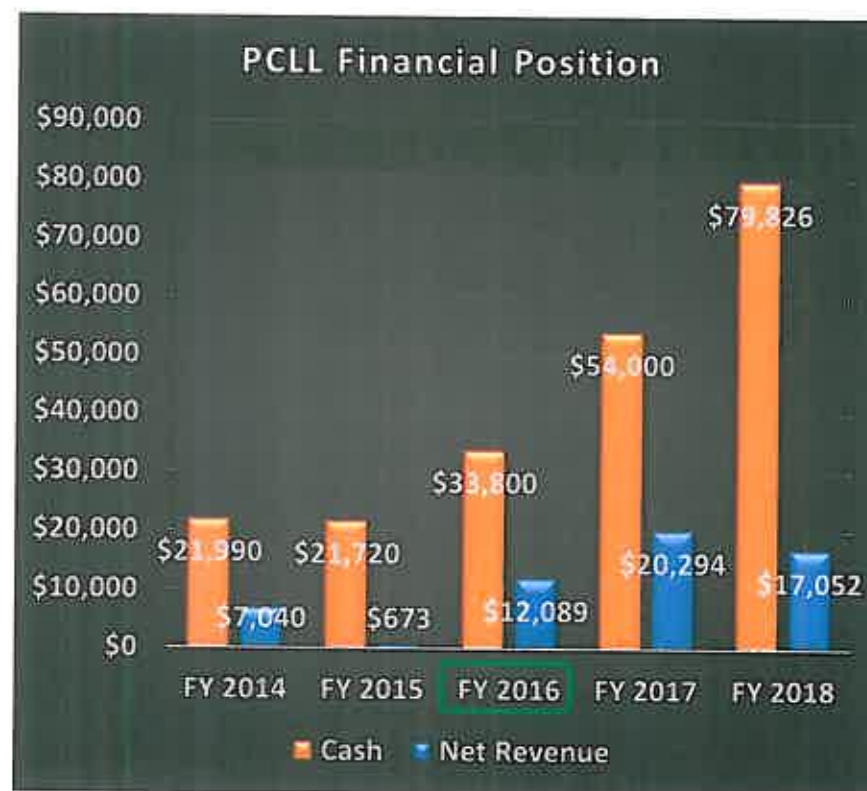
Four year registration trend:

| | | |
|-------------|------------|--|
| 2015 | 288 | <i>... registered kids & families</i> |
| 2016 | 326 | <i>~13% Increase YOY</i> |
| 2017 | 402 | <i>~23% Increase YOY</i> |
| 2018 | 504 | <i>~25% Increase YOY and an All Time PCLL Record</i> |

Importantly, we're building a foundation for Long Term League Financial Stability, allowing us to remain cash flow positive by:

- Strong Fundraising
 - Raffle, Sponsorships, Bingo Night @ Plymouth Fall Festival, Concessions, Lawn Signs, Donations
- Winter Clinic offerings (focused training for our kids & good income for the League)
- Rigorous financial controls, w/ Robust Audit Oversight

Healthy reserves allow us to offset league fees & costs, invest in our players & community, while also beginning the important work to define a more stable 'Long Term Vision' for PCLL



FY 2016 = My 1st Yr as Pres; & I am fully Committed for 2019

LETTER OF AGREEMENT
Between
CHARTER TOWNSHIP OF PLYMOUTH &
PLYMOUTH CANTON LITTLE LEAGUE (BASEBALL)

This Agreement is entered into this ____ day of _____, 2019, by and between the Charter Township of Plymouth, whose address is 9955 N. Haggerty Road, Plymouth, Michigan 48170, (the "Township") and Plymouth-Canton Little League, whose address is PCLL, P.O. Box 87057, Canton, Michigan 48187 (the "Club"). This agreement will be in effect through December 31, 2020 and may be renewed by mutual agreement of the parties.

Whereas the Club provides high quality youth baseball and programs and the Township is desirous of partnering with the Club to provide youth baseball and softball programs to area residents as well as ongoing enhancements to Township Park.

The purpose of this Agreement is to establish the rights and obligations of the Township and the Club with respect to the use and maintenance of Field #4, Plymouth Township Park (PTP, aka "McClumpha Park"), located in Plymouth Township.

IT IS HEREBY AGREED TO BY AND BETWEEN THE PARTIES:

1. Program

- a. The Club shall operate and make available a developmental and competitive baseball and softball program at PTP, including Field #4.
- b. The Club shall make the program available to residents and non-residents, under terms and conditions it prescribes for such participation.

2. Facility Use

- a. The Club shall have priority use of Field #4 at PTP / McClumpha Park.
- b. All use of the park by the Club shall be in strict compliance with the Township's Rules and Regulations and this Agreement. In case of conflict between the Rules and Regulations and this Agreement, the terms of this Agreement shall be controlling.
 - i. The Club will utilize the fields for games from end April through mid-July. Specific game schedules will be provided to the Township Supervisor's Office by April 1st for spring season. Such schedules are incorporated by reference into this agreement.
 - ii. Whereas The Club initially limits its intent to Spring and Summer baseball, the Club may wish to extend usage to an additional Fall Season, at future time and upon mutual agreement.

- c. For any dates not covered by the Club's schedule, the Township shall control field use for non-Club groups on a first-come, first-served basis. The Township agrees to consult with the Club prior to granting authorization for any additional Club or league usage of the fields to ensure that both parties mutually agree that requested usage will not have a deleterious effect on the condition of the baseball diamond(s). The Township agrees, to the best of its abilities, to avoid authorization of activities which will degrade field conditions. Notwithstanding any other provision herein, the Township shall retain final say in the use of all park activities.
- d. The Township will maintain its right to control use of the PTP / McClumpha Pavilion per Township Park Rules and Regulations.

3. Field Preparation

- a. At its sole cost and expense, the Club shall perform all maintenance and preparation on the baseball Field #4 as follows:
 - i. The field(s) will be dragged, lined and prepped for game-play as needed to maintain a quality playing surface (PCLL Saturday game play on Fields 1-4, and #4 throughout the week, leveraging existing relationships, eg, Alan Krunk, LocheLemonde).
 - ii. The Club shall make specific improvements to Field #4 as jointly agreed with the Township, as follows:
 - 1. Community Improvement Project #1: Investigate Permanent Solution to Public Lighting of the Flag & Flagpole – The Club shall jointly, with the Township, develop the bid, source the work, and fund at The Club's sole expense lighting of the Flag & Flagpole; targeting immediately to Spring 2019, work shall be completed not later than year end 2019 (projected expenditure <= ~\$5,000)
 - 2. Community Improvement Project #2: Enclose Field #4 with fencing down the lines; close off access to the field for fans and spectators for safety and better playability; The Club shall jointly, with the Township, develop the bid, source the work, and fund at The Club's sole expense installation of additional fencing for #4; targeting immediately to Spring 2019, work shall be completed not later than year end 2019 (projected expenditure <= ~\$5,000)
 - 3. Community Improvement Project #3: Install and implement a grass infield on Field #4; includes proper preparation (base layers), irrigation, and sodding; The Club shall jointly, with the Township, develop the bid, source the work, and fund at The Club's sole expense installation of grass infield on Field #4; targeting Fall 2019, work shall be completed not later than year end 2019 (projected expenditure ~\$5,000 - \$8,000)

- iii. Priority of field #4 for turf maintenance (especially after installation of the grass infield) shall be mutually agreed upon between the Township and Club, as well as "resting" or closing of fields.
 - iv. The Township may approve any other desired field maintenance activities that the Club may want performed at the Club's expense.
- b. The Township agrees to provide irrigation throughout the growing season. The Township agrees to coordinate with the Club to ensure appropriate timing and quantities of irrigation are applied to maintain the desired field quality.

4. Administrative Provisions

- a. The Township shall be provided with a copy of the Club's articles of incorporation, bylaws, and proof of 501(c)(3) status upon request.
- b. The Club shall not discriminate against any participant based on race, color, creed, religion, sex, age, national origin, residency, or sexual orientation.
- c. A current certificate of liability insurance shall be provided to the Township at time of contract execution, and shall be renewed and provided to the Township annually. The certificate shall comply with Township Parks Insurance Requirements (see attachment). The Township agrees to waive the Auto liability provision of the requirements.
- d. The Club shall agree to defend , pay on behalf of, release, indemnify, and hold harmless the Township, its elected and appointed officials, employees and volunteers, and others working on behalf of the Township against any and all claims, demands, suits, or loss, including all costs connected therewith, and for any damages which may be asserted, claimed, or recovered against or from the Township by reason of personal injury, including bodily injury or death, and/or property damage, including loss of use thereof, which arises out of or is in any way connected or associated with this agreement.
- e. The Club shall immediately notify Township of any incidents involving damage or injury to persons or property at events occurring on Township property.
- f. This Agreement represents the entire understanding and agreement between the parties with respect to the subject matter hereof, and superseded all other negotiations, understandings, and representations (if any) made by and between such parties.
- g. In case any one or more of the provisions contained in this Agreement shall for any reason be held to be invalid, illegal or unenforceable in any respect, this invalidity, illegality, or unenforceability shall not affect the enforceability of any other provision of the Agreement. This Agreement shall be construed as if the invalid, illegal or enforceable provision had never been contained in it. The remainder of the Agreement shall remain in full force and effect.
- h. No waiver, alteration, amendment, or modification of any provisions of this Agreement shall be binding unless in writing and signed by the parties hereto. The fact that one of the parties to this Agreement may be deemed to have drafted or structured any

provision of this Agreement shall not be considered in construing or interpreting any particular provision of this Agreement, either in favor of or against such party.

- i. The headings in this Agreement are for purpose of reference only and shall not be considered in construing this Agreement.
- j. This Agreement shall be binding upon the parties hereto and their respective heirs, successors, legal representatives and permitted assigns. This Agreement constitutes the entire agreement and understanding between the parties with respect to the subject matter hereof, superseding any prior oral or written agreements or understandings. The parties acknowledge that they have not been induced to enter into this Agreement by any representation or statements, oral or written, not expressly contained herein or expressly incorporated by reference herein.
- k. Neither this Agreement nor any interest, duty or obligation herein or therein, nor any claim hereunder or thereunder, shall be assigned, transferred or subcontracted by the Club to any other party or parties without the prior consent of the Township.
- l. This Agreement shall be governed by the laws of the State of Michigan.

IN WITNESS WHEREOF, the undersigned have duly executed this Agreement to be effective on the day and year first set forth above.

Charter Township of Plymouth ("Township"):

Witness:

Supervisor: _____

Printed Name: _____

Clerk: _____

Title: _____

Plymouth-Canton Little League ("Club"):

Witness:

Signature: _____

Printed Name: _____

Title: _____

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**NEW
BUSINESS**

**ITEM F.4
NEW FIRE ENGINE LADDER TRUCK
Resolution #2019-02-12-14**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: February 12, 2019

ITEM: Purchase of 2019 Pierce Ascendant Ladder Truck, Resolution #2019-02-12-14

PRESENTER: Dan Phillips, Fire Chief

BACKGROUND: Plymouth Township must replace the fire apparatus at Fire Station #3. This vehicle was purchased in 1992 and is 27 years old. It is costly to maintain and is not currently in service. Engine #3 has not been working for the past 30 days as we await parts that must be custom made. Parts must be custom made, each time there is maintenance. This is not cost effective. Additionally the township has not had a ladder truck since January of 2012. We have a heavy concentration of Commercial and industrial buildings in Station #3's service area. We should use the opportunity to purchase a dual role Fire Engine and Ladder truck to respond to all fires in station #3's service area as well as backing up the rest of the Township. We have reviewed the capabilities of this vehicle and find it will sufficiently provide fire and rescue protection for our community. We will also see a benefit to the Insurance Service Office rating for our community by purchasing this vehicle which will reduce insurance rates throughout Plymouth Township.

RECOMMENDATION: Approval

PROPOSED RESOLUTION:

I move to approve Resolution 2019-02-12-14, authorizing the purchase of a 2019 Pierce Ascendant dual purpose fire engine/ladder truck from Hatz Fire Apparatus in the amount of \$937,739.36 in complete accordance with the attached specifications.

Moved By: _____ Supported By: _____

ROLL CALL VOTE:

_____ Heise, _____ Heitman, _____ Vorva, _____ Clinton, _____ Curmi, _____ Dempsey, _____ Doroshewitz

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

**RESOLUTION TO EXERCISE PURCHASE OPTION
PIERCE ASCENDANT FIRE ENGINE/LADDER TRUCK
RESOLUTION #2019-02-12-14**

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall, located at 9955 N Haggerty Road, Plymouth, Michigan, on February 12, 2018, at 7:00 p.m.

WHEREAS, The Charter Township of Plymouth was presented with a couple of requests to consider the purchase of a new dual purpose fire engine/ ladder truck, and

WHEREAS, the price includes the MITN discount of \$60,880.00

WHEREAS, fire engine that is to be replaced is too costly to repair and maintain,

NOW THEREFORE BE IT RESOLVED, that the Charter Township of Plymouth Board of Trustees does hereby approve Resolution #2019-02-12-15, authorizing the purchase of the Pierce Ascendant (Bid #598) from Halt Fire Inc., to be purchased for a total purchase price of \$937,739.36 in accordance with the attached specifications.

Motion By: _____ Seconded By: _____

Roll Call Vote:

_____Heise, _____Heitman, _____Vorva, _____Clinton, _____Curmi, _____Dempsey, _____Doroshewitz



Plymouth Township Fire Department

2018 Budget Request

New Capital Item

| | | | |
|---|---------------------------------|--|----------------------------|
| Department: Fire | | Capital Item: 2019 Pierce Ascendant on an Enforcer Chassis | |
| Quantity: 1 One | Useful Life: 25 Years | | Cost: 937,739.36 |
| Check One: Equipment <input checked="" type="checkbox"/> Project <input type="checkbox"/> | | | |
| <u>Description and Function of new capital item</u> This vehicle will be assigned to Fire Station #3 at 13600 Beck Rd. This vehicle will play a dual role as both a Fire Engine and a vehicle mounted 100' ladder with an elevated hose stream. This vehicle will be designated Ladder 3 and will provide primary Fire Suppression on the west side of Plymouth Township. It will be primary fire response to Metro West and the industrial areas of Plymouth Township. It also will be first due on all structures of 35 feet or higher in Plymouth Township providing roof access to buildings we cannot achieve today. (See attached list) | | | |
| <u>Explain new or improved service that will result from new item</u> Engine #2 will be retired from service with the arrival of this vehicle. Engine #2 was purchased in 1989 and is 30 years old. It does not meet current NFPA standards. This vehicle will have a larger pumping capacity than Engine #2 and will meet all NFPA requirements that Engine #2 does not meet, including interior seating for all occupants, Engine #2 still has firefighter seating outside. We will also see a significant decrease in maintenance cost and vehicle down time. We lost the ability to gain access to roofs at the dissolution of the fire merger. This vehicle will provide much improved services to our Industrial and Commercial industries which we do not currently provide adequate coverage. We will also increase our ISO rating as a result of this improvement. | | | |

Why is this new item needed? Why does the Township need to provide this service?

Plymouth Township purchased a ladder truck in 1972. This vehicle operated in our community until we sold it during the merger with the City of Plymouth. Plymouth Township has provided no ladder vehicle since the dissolution of the City Fire Merger in 2012. This has greatly reduced our ability to provide rescue and fire suppression in almost all commercial and industrial manufacturing facilities. Plymouth Township has numerous buildings greater in height than 2 stories including several five story structures. The Township has already approved the concept of 2 additional 4 story buildings on Plymouth Rd. There is another building on Beck road which is also over 35 feet that is in planning. Plymouth Township has several manufacturing parks throughout the community and we do not have a ladder to reach the roofs of these structures. Most new structures are built at the 35' limit which is taller than the largest fire department ground ladder. See attached list of structures over 35' in size.

Furthermore we have attempted to write a grant using the Assistance to Fire Fighters Grant Program and we have been denied. We also joined with Northville Township and the City of Novi to write a regional grant and were also denied.

How will any current services be affected or changed if approved? What will happen if this item is not approved?

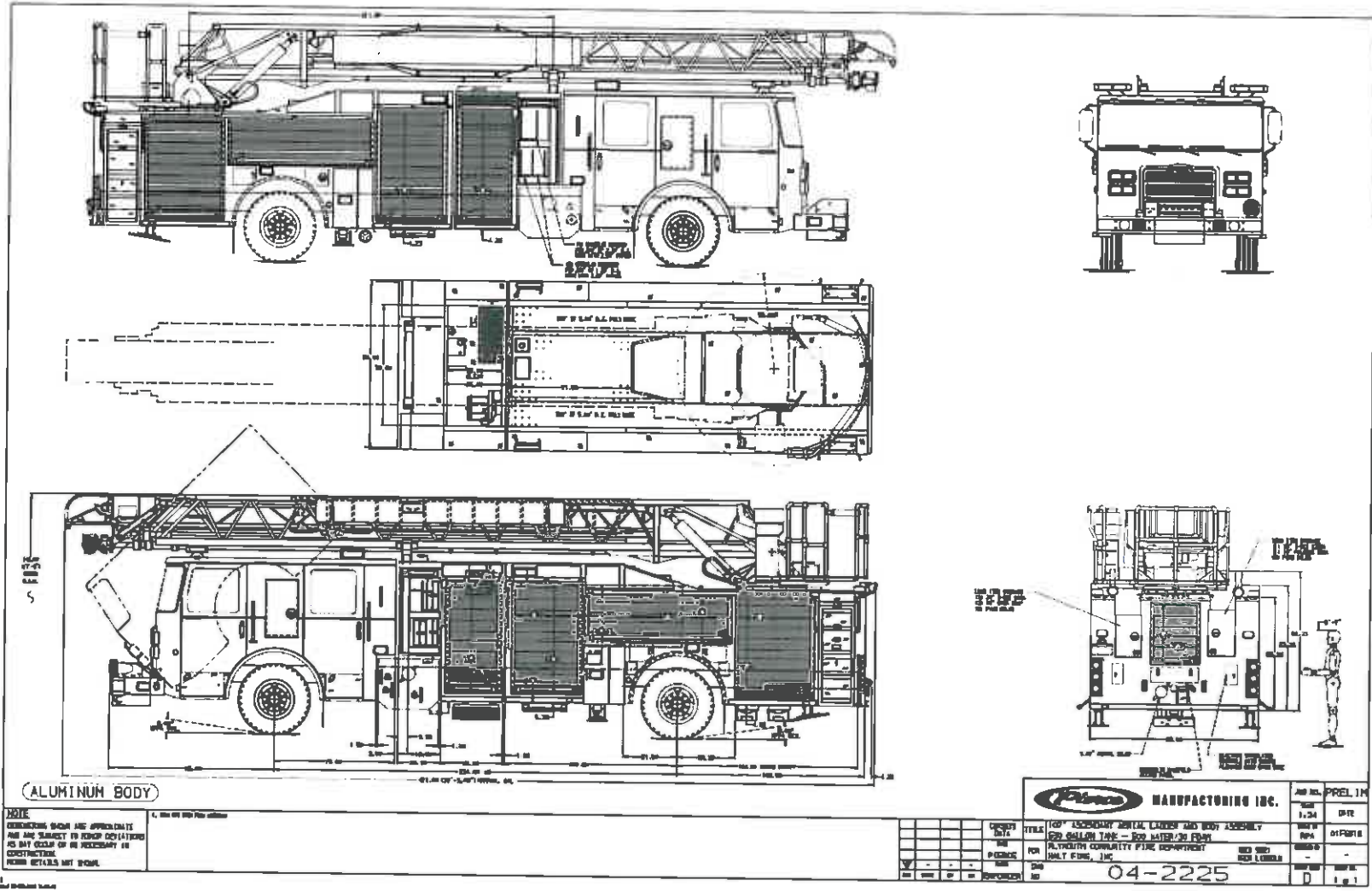
If approved we will be able to provide appropriate equipment to the heavy concentration of industrial buildings in our industrial parks including Metro West, Plymouth Corporate Park and Plymouth Oaks Business Park. Plymouth Township residents will also benefit from the improvement to the Insurance Services office calculation which has determined that a community our size and density needs to provide a ladder company at the Beck Rd station. In 1999 the ISO gave Plymouth Township credit for two ladder companies. We did not receive credit for any ladder companies in 2015,.

How do you anticipate providing this service?

This vehicle will be placed in service at Fire Station #3 at Beck and Territorial. It will provide the benefit of an engine company or a ladder company; This is a dual role vehicle which will improve services across the community. If this expenditure is approved, the vehicle will be delivered in 10-11 months. We will have to make our first payment 1 year after signing the purchase agreement. The vehicle will be put into service after fire department training is provided by the manufacturer. Those costs are included in the price of the vehicle and include vehicle operation training as well as ladder training.

What will be the operating budget impact? (personnel, supplies, other charges)

The purchase price was estimated prior to the recent millage proposal. We had originally estimated a purchase price of 884,790.60 for 2020 however the tariff increases were not anticipated. The 2019 budget would not be affected. The 2020 budget would need to be adjusted to include the lease rate.



Timeline

- Plymouth Township purchased 100' Ladder truck in 1971.
- In 1994 we acquired a 100' Tower truck from the City of Plymouth Merger Agreement.
- In 1999 Insurance service office(ISO) determined two ladder companies were appropriate(Merger with City still in effect).
- We removed the '71 ladder from service determining that 1980 Tower was in better condition.
- In 2012 we lost 1980 Tower to separation from City of Plymouth, The Tower truck was returned to City.
- In 2015 we received negative rating from ISO due to not providing any Ladder Companies in our community.
- In 2016 Supervisor Price attempted to purchase the 100' Tower from the City when they purchased a new Tower truck. The City's asking price was too expensive.

We provide fire protection to many multi story buildings and do not have adequate resources to properly protect them. Commercial and Manufacturing facilities provide approximately 30% of tax revenue to the Township and deserve appropriate fire protection for their tax contributions.

Including

- Plymouth Independence Village
- Bosch (Phase 1 and 2)
- Burroughs Building
- St Johns' Seminary and Conference Center
- Hilton Garden Inn
- Holiday Inn Express
- Comfort Inn
- Oerlikon 60'
- 1800 Self Storage (Ann Arbor Rd)
- Troy Manufacturing and Design (Ford)

3 Story or 35 foot (Not a complete list)

- Condo's Woodbridge Ct.
- 41140 Concept Dr. (Fire)
- 1275 Ann Arbor Rd. (4 story in the back)
- LA Fitness
- Northridge Church
- 45300 Polaris Ct
- Rayan Center
- Mobis North America
- Red Roof Inn

New Construction

- EZ Storage Construction on Sheldon Road (still in planning)

- Hillside Residences two 4 story Buildings (still in planning)
- Beck Road Hotel (still in planning)

Fires 2018-2019

- Sheffield Ct
- Amelia St in The City
- 1311 Ann Arbor Rd Fire June 2017
- 41144 Concept Dr.
- 45000 Helm St
- 45755 Five Mile Rd

In 2016 we brought out Roseville Fire Departments Ascendant to review if it would satisfy our needs.

Bosch Phase 1



This area was designed for Fire department access of the roof at Bosch Phase 1 Ladder has adequate reach for rescue and roof operations.

Ascendant at St John's Seminary



Demonstrate reach of ladder to top floor. Ladder has sufficient reach for extinguishment and rescue however window design is not advantageous at the top floor..

Highest Ground ladder in Plymouth Township at that time.



This photo show largest ladder in Plymouth Township in 2016.



Vehicle can reach penthouse of St John's seminary from parking lot.

Holiday Express on Beck Road

Vehicle has adequate access for extinguishment and rescue on all floors as well as roof area.

Another view of Holiday Inn Express



Another angle of the vehicles reach from front drive.

Independence Village on Northville Road

<



Vehicle can provide quick attack, rescue as well as roof access from Northville Road.



Heavy Industrial area almost all occupancies pictured will benefit.
Between Sheldon and Beck east west

Email From Todd Lincoln Halt Fire

Chief Phillips,

I reviewed the 107 database and had to revise the numbers as I forgot to include the actual generator that Halt will be installing after delivery – plenty of details I need to do better at remembering.

The pricing for the truck which includes the information below is \$970,587.00. This pricing includes the MITN discount of \$60,880.00 plus an additional \$27,251.00 discount.

The pricing includes:

- Two (2) inspection trips with overnight stay (via private air travel)
- Delivery of the unit to Halt Fire, Inc.
- Complete a post-delivery inspection of the unit
- Installation of the Smart Power PTO/Hydraulic generator
- Delivery to Plymouth Twp.
- Three (3) operational training sessions conducted by a Halt Fire operational trainer at Plymouth Twp.
- Three (3) aerial training sessions conducted by a Pierce aerial trainer at Plymouth Twp.
- One (1) foam training session for the pump operators – conducted by a Halt Foam trainer at Plymouth Twp.
- \$12,000.00 Contingency Fund

Pre-Payment Discount

Pierce offers a significant discount if the unit is paid for upfront. In your case, Pierce Financial Services will be paying for the unit upfront to Pierce and in turn Plymouth Twp. financed less the pre-payment amount.

| | |
|----------------------------|---------------|
| Price of the unit: | \$970,587.00 |
| Interest Discount: | - \$19,857.00 |
| Chassis Discount: | - \$10,404.00 |
| Aerial Discount: | - \$5,207.00 |
| Total pre-payment/financed | \$935,119.00 |

Finance

I have attached the finance quote from Pierce Financial Solutions for your review. The total to be financed is the discounted pre-payment total PLUS the Performance Bond - \$937,739.36. The 10-year finance total is \$118,977.00 per year. The first payment is due one-year after signing all the paperwork. The build time for the unit is 8-9 months after the order is submitted. So, if we order and sign the paperwork in February of 2019, the vehicle will be delivered October of 2019 but the first payment would be due in February of 2020.

This scenario fits your schedule perfectly and by booking this unit in February of 2019, we avoid the annual Pierce price increase of 3% which would be \$28,000.00.

Hope this information is helpful. Please feel free to phone if you have any questions.

Respectfully,

Todd Lincoln
Halt Fire, Inc.



FINANCIAL SOLUTIONS



Tax Exempt Lease Purchase

SALES ORGANIZATION: Halt Fire – Todd Lincoln
LESSEE: Plymouth Township FD
TYPE OF EQUIPMENT: (1) Pierce Enforcer 107' Ascendant Ladder
EQUIPMENT COST: \$970,587.00
CUSTOMER DOWNPAYMENT: \$0.00
AMOUNT TO FINANCE: \$937,739.36 (includes prepay discounts)
DELIVERY TIME: Standard delivery
PAYMENT MODE: Annual In Arrears
FIRST PAYMENT DUE DATE: 1 Year After Lease Commencement
LEASE COMMENCEMENT DATE: Upon contract signing with Pierce

1/10/2019

Contact information:
 Michele Zitko
Locator: B4-B230-05-07
 155 East Broad St
 Columbus, OH 43215
Ph: (800) 820-9041 ext. 2
Fax: (866) 221-7894
 michele.zitko@pnc.com

| | |
|---------------------------|---------------------|
| Term | 10 years |
| Number of Payments | 10 Annual |
| Payment Amount | \$118,977.00 |
| Rate | 4.58% |

NOTE: All lease documents must be fully executed within 14 days of the date of this proposal. Failure to receive completed documents may alter the final payment schedule due to changes in rates and/or discounts.

PERFORMANCE BOND: To utilize the prepay program, a performance bond is required. Said performance bond shall be paid for directly to Pierce Manufacturing or financed by PNC Equipment Finance as part of the transaction.

ESCROW FUNDING OPTION: At lease closing, if all of the equipment has not yet been delivered, Lessor will fund an escrow account from which disbursements will be made to the equipment provider(s) upon receipt of a Requisition Request and Certificate of Acceptance from Lessee. Escrow agent will either be Lessor or third-party provider selected by Lessor and approved by Lessee. All escrow earnings will be for the benefit of Lessee. The escrow agent will assess a \$250.00 account set up fee payable at closing.

TYPE OF FINANCING: Tax-exempt Lease Purchase Agreement with a \$1.00 buy out option at end of lease term. Said agreement shall be a net lease arrangement whereby lessee is responsible for all costs of operation, maintenance, insurance, and taxes.

BANK QUALIFICATION: This proposal assumes that the lessee will not be issuing more than \$10 million in tax-exempt debt this calendar year. Furthermore, it is assumed that the lessee will designate this issue as a qualified tax-exempt obligation per the tax act of 1986.

LEGAL TITLE: Legal title to the equipment during the lease term shall vest in the lessee, with PNC Equipment Finance perfecting a first security interest.

AUTHORIZED SIGNORS: The lessee's governing board shall provide PNC Equipment Finance with its resolution or ordinance authorizing this agreement and shall designate the individual(s) to execute all necessary documents used therein.

LEGAL OPINION: The lessee's counsel shall furnish PNC Equipment Finance with an opinion covering this transaction and the documents used herein. This opinion shall be in a form and substance satisfactory to PNC Equipment Finance.

VOLUNTEER FIRE DEPARTMENTS: If Lessee is a Volunteer Fire Department, a public hearing under the requirements of Section 147(f) of the Internal Revenue Code of 1986 shall be conducted to authorize this transaction. It is recommended that a notice of the public hearing be published 10 to 14 days in advance of the public hearing.

This proposal will be valid for fourteen (14) days from the above date and is subject to final credit approval by PNC Equipment Finance and approval of the lease documents in PNC Equipment Finance's sole discretion. To render a credit decision, lessee shall provide PNC Equipment Finance with their most recent two years' audited financial statements, copy of their most recent interim financial statement, and current budget.

Accepted by: _____ Proposal submitted by: Michele Zitko



FINANCIAL SOLUTIONS



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Tax Exempt Lease Purchase

SALES ORGANIZATION: **Halt Fire – Todd Lincoln**
 LESSEE: Plymouth Township FD
 TYPE OF EQUIPMENT: (1) Pierce Enforcer 107' Ascendant Ladder
 EQUIPMENT COST: \$970,587.00
 CUSTOMER DOWNPAYMENT: \$0.00
 AMOUNT TO FINANCE: \$937,739.36 (includes prepay discounts)
 DELIVERY TIME: Standard delivery
 PAYMENT MODE: Annual In Arrears
 FIRST PAYMENT DUE DATE: 1 Year After Lease Commencement
 LEASE COMMENCEMENT DATE: Upon contract signing with Pierce

1/10/2019

Contact information:
 Michele Zitko
 Locator: B4-B230-05-07
 155 East Broad St
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| | |
|--------------------|--------------|
| Term | 10 years |
| Number of Payments | 10 Annual |
| Payment Amount | \$118,977.00 |
| Rate | 4.58% |

NOTE: All lease documents must be fully executed within 14 days of the date of this proposal. Failure to receive completed documents may alter the final payment schedule due to changes in rates and/or discounts.

PERFORMANCE BOND: To utilize the prepay program, a performance bond is required. Said performance bond shall be paid for directly to Pierce Manufacturing or financed by PNC Equipment Finance as part of the transaction

ESCROW FUNDING OPTION: At lease closing, if all of the equipment has not yet been delivered, Lessor will fund an escrow account from which disbursements will be made to the equipment provider(s) upon receipt of a Requisition Request and Certificate of Acceptance from Lessee. Escrow agent will either be Lessor or third-party provider selected by Lessor and approved by Lessee. All escrow earnings will be for the benefit of Lessee. The escrow agent will assess a \$250.00 account set up fee payable at closing.

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This proposal will be valid for **fourteen (14) days** from the above date and is subject to final credit approval by PNC Equipment Finance and approval of the lease documents in PNC Equipment Finance's sole discretion. To render a credit decision, lessee shall provide PNC Equipment Finance with their most recent two years' audited financial statements, copy of their most recent interim financial statement, and current budget.

Accepted by: _____ Proposal submitted by: Michele Zitko



Proposal Option List

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1/8/2019

| | | | |
|------------------------------|---|-------------------------|------------------|
| Customer: | Plymouth Community Fire Department | Bid Number: | 592 |
| Representative | Lincoln, Todd | Job Number: | |
| Organization: | Halt Fire, Inc | Number of Units: | 1 |
| Requirements Manager: | | Bid Date: | 04-22-2016 |
| Description: | Plymouth Twp 107' Enforcer ladder | Stock Number: | |
| Body: | Aerial, HD Ladder 107' ASL Single, Quint, Alum Body | Price Level: | 37 (Current: 37) |
| Chassis: | Enforcer Chassis, Aerials, Single Axle, Ascendant | | |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 1 | 0766640 | | Boiler Plates, Aerial 107' ASL | 1 |
| | | | Fire Department/Customer - Plymouth Twp Fire Department | |
| | | | Operating/In conjunction W-Service Center - In Conjunction | |
| | | | Miles - 25 Miles | |
| | | | Number of Fire Dept/Municipalities - 10 | |
| | | | Bidder/Sales Organization - Halt Fire, Inc. | |
| | | | Delivery - Delivery representative | |
| | | | Dealership/Sales Organization, Service - Halt Fire, Inc. | |
| 2 | 0018180 | | Single Source Compliance, Aerials | 1 |
| 3 | 0584456 | | Manufacture Location, Appleton, Wisconsin | 1 |
| 4 | 0584452 | | RFP Location: Appleton, Wisconsin | 1 |
| 5 | 0588609 | | Vehicle Destination, US | 1 |
| 6 | 0610784 | | Comply NFPA 1901 Changes Effective Jan 1, 2016, With Exceptions | 1 |
| 7 | 0533351 | | Quint Fire Apparatus | 1 |
| 8 | 0588612 | | Vehicle Certification, Aerial w/Pump | 1 |
| 9 | 0681278 | | Agency, Apparatus Certification, Aerial w/Pump, U.L. | 1 |
| 10 | 0000000 | STF | Inspection Trip(s) w/ Charter Air Travel - M | 2 |
| | | | Qty, - 02 | |
| | | | Fill in Blank - Three (3) Plymouth Township Fire Department | |
| | | | representatives | |
| 10 | 0000000 | STF | Contingency fund - fill in the blank - M | 1 |
| | | | Fill in Blank - \$12,000.00 | |
| 10 | 0000000 | STF | Delivery (Halt Fire) - M | 1 |
| 10 | 0000000 | STF | Post delivery inspection (Halt Fire) | 1 |
| 10 | 0000000 | STF | Preconstruction meeting at the fire department | 1 |
| 10 | 0000000 | STF | USA HELD PARENT COMPANY | 1 |
| 10 | 0000000 | STF | WARRANTY AND SERVICE - (HALT FIRE) | 1 |
| 11 | 9899998 | STF | Deliver units to qualify | 1 |
| 11 | 0000000 | STF | DEALER LICENSE REQUIREMENT | 1 |
| 11 | 0000000 | STF | Training for unit | 3 |
| | | | Qty, - 03 | |
| | | | Fill in Blank - Plymouth Township Fire Department | |
| 12 | 0537375 | | Unit of Measure, US Gallons | 1 |
| 13 | 0529326 | | Bid Bond, 10%, Pierce Built Chassis | 1 |
| 14 | 0050066 | | Performance Bond, 100% Req'd (Statement by Rep) | 1 |
| 15 | 0000007 | | Approval Drawing | 1 |
| 16 | 0002928 | | Electrical Diagrams | 1 |
| 17 | 0615217 | | Enforcer Chassis, Aerials, Single Axle, Ascendant | 1 |
| 18 | 0000110 | | Wheelbase | 1 |
| | | | Wheelbase - 234" | |
| 19 | 0000070 | | GVW Rating | 1 |
| | | | GVW rating - 57,500# | |
| 20 | 0649713 | | Frame Rails, 10.25" x 3.50" x .375", Saber FR/Enf | 1 |
| 21 | 0620712 | | Frame Liner, Internal "C", 9.38" x 3.13" x .25", w/Reinforcement,47"Qval,SFR/Enf | 1 |
| 22 | 0796912 | | Axle, Front, Oshkosh TAK-4, Non Drive, 24,000 lb, Enforcer | 1 |
| 23 | 0090914 | | Suspension, Front TAK-4, 24,000 lb, DLX/Qtm/AXT/Vel/Enf | 1 |
| 24 | 0087572 | | Shock Absorbers, KONI, TAK-4, Qtm/AXT/Imp/Vel/DCF/Enf | 1 |
| 25 | 0000322 | | Oil Seals, Front Axle | 1 |
| 26 | 0582746 | | Tires, Front, Goodyear, G296 MSA, 445/65R22.50, 20 ply | 1 |
| 27 | 0019618 | | Wheels, Front, Alcoa, 22.50" x 13.00", Aluminum, Hub Pilot | 1 |
| 28 | 0603826 | | Axle, Rear, Meritor RS30-185, 33,500 lb, Saber FR/Enforcer | 1 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|---|-----|
| 29 | 0544253 | | Top Speed of Vehicle, 68 MPH | 1 |
| 30 | 0122073 | | Suspen, Rear, Standens, Spring, 33,500 lb, Imp/Vel/Dash CF/Enf | 1 |
| 31 | 0000485 | | Oil Seals, Rear Axle | 1 |
| 32 | 0585004 | | Tires, Rear, Goodyear, G289 WHA, 315/80R22.50, 20 ply, Single | 1 |
| 33 | 0019675 | | Wheels, Rear, Alcoa, 22.50" x 9.00", Aluminum-Steel, Hub Pilot, Single | 1 |
| 34 | 0568081 | | Tire Balancing, Counteract Beads | 1 |
| 35 | 0620570 | | Tire Pressure Monitoring, RealWheels, AirSecure, Valve Cap, Single Axle | 1 |
| | | | Qty, Tire Pressure Ind - 6 | |
| 36 | 0003245 | | Axle Hub Covers w/center hole, S/S, Front Axle | 1 |
| 37 | 0001960 | | Axle Hub Covers, Rear, S/S, High Hat (Pair) | 1 |
| 38 | 0057936 | | Covers, Lug Nut, Chrome | 1 |
| 39 | 0002045 | | Mud Flaps, w/logo front & rear | 1 |
| 40 | 0544802 | | Chocks, Wheel, SAC-44-E, Folding | 1 |
| | | | Qty, Pair - 01 | |
| 41 | 0544806 | | Mounting Brackets, Chocks, SAC-44-E, Folding, Horizontal | 1 |
| | | | Qty, Pair - 01 | |
| | | | Location, Wheel Chocks - Left Side Rear Compt | |
| 42 | 0010670 | | ABS Wabco Brake System, Single rear axle | 1 |
| 43 | 0030185 | | Brakes, Knorr/Bendix 17", Disc, Front, TAK-4 | 1 |
| 44 | 0000740 | | Brakes, Meritor, Cam, Rear, 16.50 x 8.63" | 1 |
| 45 | 0058463 | | Air Compressor, Brake, Bendix 15.8 CFM | 1 |
| 46 | 0637584 | | Brake Reservoirs, 5,376 Cubic Inch Minimum Capacity, Saber FR/Enforcer | 1 |
| 47 | 0644228 | | Air Dryer, Wabco System Saver 1200 IWT, Heated, Saber FR/Enforcer | 1 |
| 48 | 0000790 | | Brake Lines, Nylon | 1 |
| 49 | 0000854 | | Air Inlet, w/Disconnect Coupling | 1 |
| | | | Location, Air Coupling(s) - h) DS Pump Panel | |
| | | | Qty, Air Coupling (s) - 1 | |
| 50 | 0070810 | | All Wheel Lockup (Aerial/Tanker Chassis) | 1 |
| 51 | 0014130 | | Air Tank, Additional for Extra Air Horn Capacity | 1 |
| 52 | 0000845 | | Air Tank, Additional for Extra Capacity | 1 |
| 53 | 0610864 | | Engine, DDC DD13, 505 hp, 1750 lb-ft, W/OBD, EPA 2016, Enforcer | 1 |
| 54 | 0001244 | | High Idle w/Electronic Engine, Custom | 1 |
| 55 | 0590300 | | Engine Brake, Jacobs Compression Brake, DD13 | 1 |
| | | | Switch, Engine Brake - f) DD13 | |
| 56 | 0644227 | | Clutch, Fan, Air Actuated, Saber FR/Enforcer | 1 |
| 57 | 0640477 | | Air Intake, Metal Screen, Saber FR/Enforcer | 1 |
| 58 | 0565965 | | Exhaust System, 5", 2010 DD13, ISX engine, Horizontal, Right Side | 1 |
| 59 | 0521146 | | Exhaust, Modified for Plymovent System, 7.00" Diffuser, CARE | 1 |
| 60 | 0788765 | | Radiator, Saber FR/Enforcer | 1 |
| 61 | 0001090 | | Cooling Hoses, Rubber | 1 |
| 62 | 0545339 | | Fuel Tank, 65 Gallon, Left Side Fill, Stainless Steel | 1 |
| | | | Finish, Fuel Tank - Painted | |
| 63 | 0001129 | | Lines, Fuel | 1 |
| 64 | 0595087 | | DEF Tank, 4.5 Gallon, DS Fill, Forward of Rear Axle | 1 |
| | | | Door, Material & Finish, DEF Tank - Polished Stainless | |
| 65 | 0552793 | | Not Required, Fuel Priming Pump | 1 |
| 66 | 0552712 | | Not Required, Shutoff Valve, Fuel Line | 1 |
| 67 | 0553019 | | Cooler, Engine Fuel, Imp/Vel, AXT/Qtm/Sab/DCF/SFR/Enf | 1 |
| 68 | 0642582 | | Trans, Allison 5th Gen, 4000 EVS P, w/Prognostics, Imp/Vel/DCF/SFR/Enf | 1 |
| 69 | 0625331 | | Transmission, Shifter, 6-Spd, Push Button, 4000 EVS | 1 |
| 70 | 0684459 | | Transmission Oil Cooler, Modine, External | 1 |
| 71 | 0001375 | | Driveline, Spicer 1810 | 1 |
| 72 | 0669988 | | Steering, Sheppard M110 w/Tilt, TAK-4, Eaton Pump, w/Cooler | 1 |
| 73 | 0605356 | | Steering Wheel, 4 Spoke without Controls, Saber FR/Enforcer | 1 |
| 74 | 0690274 | | Logo/Emblem, on Dash | 1 |
| | | | Text, Row (1) One - Plymouth | |
| | | | Text, Row (2) Two - Township | |
| | | | Text, Row (3) Three - Fire | |
| 75 | 0037606 | | Bumper, 22" Extended, Steel, Painted, Saber FR/Enforcer | 1 |
| 76 | 0625558 | | No Selection Required, Cover Included with Tray/Tool Box Option | 1 |
| 77 | 0614646 | | No Lift & Tow Package, Imp/Vel, AXT, SFR/Enf | 1 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|---|-----|
| 78 | 0002270 | | Tow Hooks, Chrome | 1 |
| 79 | 0629533 | SP | Cover, 8.5" Raised Alum Treadplate, Full Width Over Bumper, Rubber Latch | 1 |
| 80 | 0625650 | | Cab, Enforcer, 7000 | 1 |
| 81 | 0647918 | | Engine Tunnel, DD13, Enforcer | 1 |
| 82 | 0633594 | | Rear Wall, Interior, Adjustable Seating | 1 |
| 83 | 0632103 | | Rear Wall, Exterior, Cab, Saber FR/Enforcer | 1 |
| | | | Material, Exterior Rear Wall - Aluminum Treadplate Full Coverage | |
| 84 | 0639727 | | Cab Lift, Elec/Hyd, Manual Override, Saber FR/Enforcer | 1 |
| 85 | 0695930 | | Grille, Bright Finished, Front of Cab, Dash CF/Enforcer | 1 |
| 86 | 0002224 | | Scuffplates, S/S At Cab Door Jambs, 4-Door Cab | 1 |
| | | | Material Trim/Scuffplate - c) S/S, Polished | |
| 87 | 0647932 | | Not Required, Trim, S/S Band, Across Cab Face, AXT/Dash CF/Saber/Enforcer | 1 |
| 88 | 0087357 | | Molding, Chrome on Side of Cab | 1 |
| 89 | 0521669 | | Mirrors, Retractable, West Coast Style, Hld/Rmt, w/Hld/Rmt Convex | 1 |
| 90 | 0648171 | | Door, Half-Height, Saber FR/Enforcer 4-Door Cab, Level Roof | 1 |
| | | | Key Model, Cab Doors - 1041 | |
| 91 | 0655543 | | Door Panel, Brushed Stainless Steel, Saber/Enforcer 4-Door Cab | 1 |
| 92 | 0630636 | | Controls, Electric Roll-Up Windows, 4dr, 4 Driver Controls, Saber FR/Enforcer | 1 |
| 93 | 0638310 | | Steps, 4-Door Cab, Saber FR/Enforcer | 1 |
| | | | Step Well Material - Painted | |
| 94 | 0770194 | | Handrail, Exterior, Knurled, Alum, 4-Door Cab | 1 |
| 95 | 0634786 | | Lights, Cab and Crew Cab Access Steps, P25, LED w/Bezel, 1Lt Per Step 6lts | 1 |
| 96 | 0583698 | | Fenders, S/S on cab, Extra Wide, Saber/Enf | 1 |
| 97 | 0557023 | | Handrail, 10", Below Cab Windshield, Pair | 1 |
| 98 | 0042105 | | No Windows, Side of Crew Cab | 1 |
| 99 | 0759740 | SP | Guard, Painted, Protective for Diagnostic in Cab | 1 |
| 100 | 0664452 | | Bracket, Air Bottle, Zico, ULLH, Load & Lock | 2 |
| | | | Location - to be mounted on 45 degree bracket which is to be located in each exterior access EMS cabinet per FD direction | |
| | | | Qty. - 02 | |
| 101 | 0664484 | | Bracket, 45 Degrees, To Mount Air Bottle Bracket, Wall Mounted, Crew Cab | 2 |
| | | | Location - one (1) in each side access EMS cabinet as directed by the FD | |
| | | | Qty. - 02 | |
| 102 | 0634206 | | Mounting Provisions, 1/4" Alum, Full Engine Tunnel, Saber FR/Enforcer | 1 |
| | | | Mounting Provision Spacing - .25" | |
| | | | Material Finish, Cab Interior - Painted | |
| 103 | 0797212 | | Cab Interior, Vinyl Headliner, Saber FR/Enforcer, CARE | 1 |
| | | | Color, Cab Interior Vinyl/Fabric - a) Silver/Gray | |
| | | | Engine Tunnel Cover - Black Turnout Tuff | |
| | | | Cab Interior Rear Wall Material - Painted Aluminum | |
| 104 | 0012430 | | Cab Interior, paint color | 1 |
| | | | Color, Cab Interior Paint - i) fire smoke gray | |
| 105 | 0052100 | | Floor, Rubber Padded, Cab & Crew Cab, Saber/Enforcer | 1 |
| 106 | 0644195 | | Heater/Defroster, Saber FR/Enforcer | 1 |
| 107 | 0644194 | | Air Conditioning, Saber FR/Enforcer | 1 |
| 108 | 0639675 | | Sun Visor, Smoked Lexan, AXT, Dash CF, Imp/Vel, Saber FR/Enforcer | 1 |
| | | | Sun Visor Retention - No Retention | |
| 109 | 0634328 | | Grab Handles, Driver and Officer Door Posts, Saber FR/Enforcer | 1 |
| 110 | 0583938 | | Lights, Engine Comp, Custom, Auto Sw, Wln 3SC0CDCR, 3" LED, Trim | 1 |
| | | | Qty. - 01 | |
| 111 | 0631830 | | Fluid Check Access, Saber FR/Enforcer, Arrow XT | 1 |
| 112 | 0002508 | | Map Box, 3 Bin/30 deg Slant, Custom Chassis | 1 |
| | | | Qty. - 1 | |
| | | | Location, Map Box/Straps - Final Inspection | |
| 113 | 0002514 | | Note Board, White Cleanable Marking Surface | 1 |
| | | | Location - Officer's area | |
| 114 | 0583039 | | Not Required, Side Roll and Frontal Impact Protection | 1 |
| 115 | 0622619 | | Seating Capacity, 4 Seats | 1 |
| 116 | 0636957 | | Seat, Driver, Pierce PSV, Air Ride, High Back, Saber FR/Enforcer | 1 |
| 117 | 0632923 | | Seat, Officer, Pierce PSV, Air Ride, High Back, Saber FR/Enforcer | 1 |
| 118 | 0002517 | | Not Required, Radio Compartment | 1 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|---|-----|
| 119 | 0768250 | | Cabinet, Rear Facing, LS, 23 W x 40.25 H x 26.75 D, Ext Acc Only, SFR/Enf Light, Short Cabinet - Amdor, Exterior, White, Left Side Scuffplate, Door Pan, Material/Finish - S/S, Polished Material Finish, Shelf - Painted - Cab Interior Shelf/Tray, Cabinet - (0) None Door, Cab Exterior Cabinet - Double Pan, Non-Locking Door, Exterior Stop - Stay Arm Louvers, Cabinet - 0-No Louvers | 1 |
| 120 | 0102783 | | Not Required, Seat, Rr Facing C/C, Center | 1 |
| 121 | 0767273 | | Cabinet, Rear Facing, RS, 22 W x 40.25 H x 26.75 D, Ext Acc Only, SFR/Enf Light, Short Cabinet - Amdor, Exterior, White, Right Side Scuffplate, Door Pan, Material/Finish - S/S, Polished Material Finish, Shelf - Painted - Cab Interior Shelf/Tray, Cabinet - (0) None Door, Cab Exterior Cabinet - Double Pan, Non-Locking Door, Exterior Stop - Stay Arm Louvers, Cabinet - 0-No Louvers | 1 |
| 122 | 0632949 | | Seat, Forward Facing C/C, DS Outboard, Pierce PSV, Hi-Back, Foldup, Saber FR/Enf | 1 |
| 123 | 0783479 | | Cabinet, Forward Facing, Center, 38.50 W x 50 H x 28 D, Roll, SFR/Enf Material Finish, Shelf - Painted - Cab Interior Shelf/Tray, Cabinet - (2) Shelves, Adjustable, 0.75" Up-Turned Lip Door, Cab Interior Cabinet - Rollup, Amdor, White, Locking #1250 Light, Tall Cabinet - Amdor, Interior, White, Left Side and Amdor, Interior, White, Right Side Louvers, Cabinet - 0-No Louvers | 1 |
| 124 | 0632875 | | Seat, Forward Facing C/C, PS Outboard, Pierce PSV, Hi-Back, Foldup, Saber FR/Enf | 1 |
| 125 | 0566653 | | Upholstery, Seats In Cab, Turnout Tuff Color, Cab Interior Vinyl/Fabric - c) Black | 1 |
| 126 | 0511471 | | No SCBA Brackets Required In Cab Seats, Imp/Vel, AXT 2010, Qtm 2010, Dash CF | 1 |
| 127 | 0603866 | | Seat Belt, Dual Retractor, ReadyReach, Saber FR/Enforcer Seat Belt Color - Red | 1 |
| 128 | 0602464 | | Helmet Storage, Provided by Fire Department, NFPA 2016 | 1 |
| 129 | 0647647 | | Lights, Dome, FRP Dual LED 4 Lts Color, Dome Lt - Red & White Color, Dome Lt Bzl - Black Control, Dome Lt White - Door Switches and Lens Switch Control, Dome Lt Color - Lens Switch | 1 |
| 130 | 0556186 | | Handlts, (4) Streamlight, Survivor C4 LED, 12v, Orange, 90503 Steady Charge Location, Lights - in a left side compartment as directed by the FD | 1 |
| 131 | 0695283 | | Handlight, Streamlight, Survivor, 90503, C4 LED, 12v, Orange, Steady Charge Qty, Lights - 02 Location, Lights - one (1) in each exterior access EMS cabinet of the cab. The exact location will be determined at the post paint inspection trip. Please coil up the 12 volt wiring in the compartment until the exact location of the lights is identified. | 2 |
| 132 | 0622803 | | Cab Instruments, Black Gauges, Black Bezels, Enforcer MUX Emergency Switching - E-Master Only | 1 |
| 133 | 0509511 | | Air Restriction Indicator, Imp/Vel, AXT, Dash CF, Enf MUX | 1 |
| 134 | 0698698 | SP | Light, Do Not Move Apparatus, Alarm Override Sw Alarm, Do Not Move Truck - Pulsing Alarm | 1 |
| 135 | 0509042 | | Messages, Open Door/Do Not Move Truck, MUX w/Color Display | 1 |
| 136 | 0622798 | | Switching, Cab Instrument Lower Console & Overhead, Rocker MUX, Enforcer | 1 |
| 137 | 0644179 | | Wiper Control, 2-Speed with Intermittent, Saber FR/Enforcer | 1 |
| 138 | 0002565 | | Hourmeter, Aerial Inside Cab | 1 |
| 139 | 0002615 | | Switch, Aerial 12V Master | 1 |
| 140 | 0002617 | | PTO switch, w/light - aerial | 1 |
| 141 | 0548004 | | Wiring, Spare, 15 A 12V DC 1st Qty, - 02 12vdc power from - Battery direct Wire termination - Butt Splice Location, Spare Wiring - Officer Dash | 2 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 142 | 0610968 | | Wiring, Spare, 2.0 A 12V DC, USB Termination Blue Sea 1016 1st Qty, - 02 12vdc power from - Battery direct Location - one (1) each side (Drive's & Officer's) of the dash area | 2 |
| 143 | 0548009 | | Wiring, Spare, 20 A 12V DC 1st Qty, - 01 12vdc power from - Battery direct Wire termination - 10-Place Bus Bar w/Cover Location, Spare Wiring - Behind Officer Seat | 1 |
| 144 | 0585913 | | Wiring, Spare, 20 A 12V DC, 6 Circuit Fuse Block, Blue Sea 5025 2nd Qty, - 01 12vdc power from - Battery direct Location - in a high and out of the way location in a compartment as directed by the FD | 1 |
| 145 | 0585914 | | Wiring, Spare, 20 A 12V DC, 6 Circuit Fuse Block, Blue Sea 5025 1st Qty, - 01 12vdc power from - Battery direct Location - in a high and out of the way location in a compartment as directed by the FD | 1 |
| 146 | 0033709 | | Radio, AM/FM/CD, Panasonic Speakers, AM/FM Radio - One (1) pair of speakers, Cab Antenna, AM/FM Radio - c) Roof-mounted rubber antenna Location, AM/FM Radio - b) within reach of the officer | 1 |
| 147 | 0615386 | | Vehicle Information Center, 7" Color Display, Touchscreen, MUX System Of Measurement - US Customary | 1 |
| 148 | 0606249 | | Vehicle Data Recorder w/CZ and Overhead Display Seat Belt Monitor | 1 |
| 149 | 0765591 | SP | Intercom, Setcom 950W4, 4-Pos, 1-Radio (D, O. Wireless), 2C, Wired, AM/FM Location, Intercom, C Cab - 2) 2 forward facing seats | 1 |
| 150 | 0793667 | | Cable, Radio to Intercom Interface, Setcom 950, 1 Radio Radio, First Two-Way Model - Motorola APX 7500 Radio, First Two-Way Make - Motorola High Power | 1 |
| 151 | 0794902 | | Headset, Setcom, CSB-900W4, Wireless Qty, - 02 Location - Driver and Officer | 2 |
| 152 | 0620275 | | Headset, Setcom, CSB-901L-1 Under Helmet, Intercom Only, Left Cord, Gel Qty, - 01 Location - crew cab seat | 1 |
| 153 | 0620281 | | Headset, Setcom, CSB-901R-1 Under Helmet, Intercom Only, Right Cord, Gel Qty, - 01 Location - crew cab seat | 1 |
| 154 | 0681408 | | Hangers For Headsets, NFPA, Each Qty, - 04 Location, Headset Hangers - Driver Seat, Officer Seat, DS Outbrd, Fwrd Fcng Seat and PS Outbrd, Fwrd Fcng Seat | 4 |
| 155 | 0670250 | | Install Customer Provided Two-Way Radio(s), Enforcer Chassis Qty, - 01 | 1 |
| 156 | 0699100 | | Install Customer Provided Key Storage, Knox Box, in Cab Location - as directed by the FD Qty, - 01 | 1 |
| 157 | 0696439 | | Antenna Mount, Custom Chassis, Cable Routed to Instrument Panel Area Qty, - 01 Location, Antenna Mount - Right Side | 1 |
| 158 | 0653520 | | Camera, Pierce, Mux, R, RS Cameras Camera System Audio - Speaker Behind Driver Camera System | 1 |
| 159 | 0615112 | | Pierce Command Zone, Advanced Electronics & Control System, Enforcer, WiFi | 1 |
| 160 | 0624253 | | Electrical System, Enforcer MUX | 1 |
| 161 | 0079166 | | Batteries, (4) Exide Grp 31, 950 CCA ea, Threaded Stud | 1 |
| 162 | 0008621 | | Battery System, Single Start, All Custom Chassis | 1 |
| 163 | 0002698 | | Battery Compartment, Saber/Enforcer | 1 |
| 164 | 0531338 | | Charger, Sngl Sys, Kussmaul, Pump Plus 1200, 52-21-1100 | 1 |
| 165 | 0090367 | | Location, Charger/Compr, Front left body compt, Location Feature Location - in a compartment as directed by the FD | 1 |
| 166 | 0530949 | | Location, Bat Chrg Ind, Driver's Seat Riser | 1 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 167 | 0016857 | | Shoreline, 20A 120V, Kussmaul Auto Eject, 091-55-20-120, Super Qty, - 01 Color, Kussmaul Cover - b) red Shoreline Connection - Battery Charger | 1 |
| 168 | 0026800 | | Shoreline Location Location, Shoreline(s) - DS Crew Cab | 1 |
| 169 | 0036800 | | Switch, Auto Transfer, Up to 30Amp, Gen Shoreline Connection, Transfer Switch - All Interior Receptacles | 1 |
| 170 | 0647728 | | Alternator, 430 amp, Delco Remy 55SI | 1 |
| 171 | 0092582 | | Load Manager/Sequencer, MUX Enable/Disable Hi-Idle - e) High Idle enable | 1 |
| 172 | 0780484 | | Headlights, Rect LED, HiViz FT-4X6-4KIT, AXT/DCF/Enf/Imp/Sab/Vel | 1 |
| 173 | 0648426 | | Light, Directional, Wln 60A00TAR Arrow, Common Bzl, Above Headlts, Sab/Enf Color, Lens, LED's - Clear | 1 |
| 174 | 0620054 | | Light, Directional/Marker, Intermediate, Weldon 9186-8580-29 LED 2lts | 1 |
| 175 | 0647802 | | Lights, Clearance/Marker/ID, Front, P25 LED 5 Lts, Saber FR/Enforcer | 1 |
| 176 | 0647899 | | Lights, Directional/Marker, Cab Front Side, Weldon 9186-8580-29 LED, Sab/Enf | 1 |
| 177 | 0511569 | | Lights, Clearance/Marker/ID, Rear, P25 LED 7Lts Light Guard - Without Guard | 1 |
| 178 | 0559318 | | Light, Marker End Outline, Rubber Arm, LED Marker Lamp, Turn Signal Location, Lights - rear corners of the body Qty, Lights, Pair - 1 | 1 |
| 179 | 0517025 | | Lights, Tail, Wrap-around, Stop/Tail, Turn & Backup LED, Tri-Cluster | 1 |
| 180 | 0085910 | | Lights, Backup Included in Signal Cluster | 1 |
| 181 | 0664481 | | Bracket, License Plate & Light, P25 LED | 1 |
| 182 | 0589905 | | Alarm, Back-up Warning, PRECO 1040 | 1 |
| 183 | 0769420 | | Lights, Perimeter Cab, Amdor AY-LB-12HW020 LED 4Dr Z location - | 1 |
| 184 | 0769564 | | Lights, Perimeter Pump House, Amdor AY-LB-12HW020 LED 1lt | 1 |
| 185 | 0768765 | | Lights, Perimeter Body, Amdor AY-LB-12HW020 LED 2lts, Turntable Access Control, Perimeter Lts - Parking Brake Applied | 1 |
| 186 | 0554198 | | Lights, Step, P25 LED, Aerial With Pump 2Lts, Pump Pnl Sw | 1 |
| 187 | 0670014 | | Light, FRC, 12V SPA850-Q20* LED, Flat Mount Fixed 1st Location, Lights - centered on the Passenger's side upper body area Qty, - 01 Switch, Lt Control 1 DC,1 - a) DS Switch Panel Switch, Lt Control 2 DC,2 - f) Pump Operator's Panel Switch, Lt Control 3 DC,3 - d) No Control Switch, Lt Control 4 DC,4 - d) No Control Color, FRC/Rom Lt Housing - FRC, Black Color, Lt Housing - White | 1 |
| 188 | 0670007 | | Light, FRC, 12V SPA850-Q20* LED, Flat Mount Fixed 2nd Location, Lights - centered on the Driver's side upper body area Qty, - 01 Switch, Lt Control 1 DC,1 - a) DS Switch Panel Switch, Lt Control 2 DC,2 - f) Pump Operator's Panel Switch, Lt Control 3 DC,3 - d) No Control Switch, Lt Control 4 DC,4 - d) No Control Color, FRC/Rom Lt Housing - FRC, Black | 1 |
| 189 | 0645676 | | Lights, Not Required, Hose Bed, Deck Lights At Rear | 1 |
| 190 | 0645681 | | Lights, Not Required, Rear Work, Deck Lights At Rear | 1 |
| 191 | 0629192 | | Light, FRC, 12V SPA260-Q20* LED MAX, Surface Mount 1st Location, Lights - rear body as available Qty, - 01 Switch, Lt Control 1 DC,1 - a) DS Switch Panel Switch, Lt Control 2 DC,2 - f) Pump Operator's Panel Switch, Lt Control 3 DC,3 - d) No Control Switch, Lt Control 4 DC,4 - d) No Control Color, FRC/Rom Lt Housing - FRC, Black Bezel | 1 |
| 192 | 0765194 | SP | Light, Visor, FRC, 12V SPA850-Q20*, LED, 15 Deg Angled Outward, 1st Qty, - 02 Location, driver's/passenger's/center - 1DS & 1PS Switch, Lt Control 1 DC,1 - a) DS Switch Panel | 2 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 192 | | | Switch, Lt Control 2 DC,2 - f) Pump Operator's Panel Switch, Lt Control 3 DC,3 - d) No Control Color, FRC/Rom Lt Housing - FRC, White | |
| 193 | 0631374 | | Lights, Deck, Wln (2) MPPBCS Micro Pioneer LED Rear Flood Lights Control, Scene Lts - Park Brake | 1 |
| 194 | 0709392 | | Lights, Walk Surf, Wln PFBP12C, LED Qty, Surface Lights - 2 | 2 |
| 195 | 0624713 | | Aerial, HD Ladder 107' ASL Single, Quint, Alum Body | 1 |
| 196 | 0554271 | | Body Skirt Height, 20" | 1 |
| 197 | 0601008 | | Tank, Water, 500 Gallon, Poly, Ascendant Single Axle | 1 |
| 198 | 0003405 | | Overflow, 4.00" Water Tank, Poly | 1 |
| 199 | 0609872 | | Overflow, 4" Water Tank, Poly | 1 |
| 200 | 0028104 | | Foam Cell Required | 1 |
| 201 | 0553729 | | Not Required, Restraint, Water Tank, Heavy Duty | 1 |
| 202 | 0003429 | | Not Required, Direct Tank Fill | 1 |
| 203 | 0624711 | | Hose Bed, Alum, LS/RS, Ascendant Single Axle | 1 |
| 204 | 0003491 | | Hose Bed Capacity 1000' of 5.00", Ascendant, PAP, PAL | 1 |
| 205 | 0604069 | | Hose Restraint, Two (2) Hose Beds, Aerial, Front Strap, 1" Heavy Nylon Web Rear | 1 |
| 206 | 0003512 | | Running Boards, Ascendant, PAL | 1 |
| 207 | 0601895 | | Turntable Steps-Morton Cass, Swing-Down, LS/RS, Ascendant SA | 1 |
| 208 | 0554004 | | Lights, Step (6), P25 LED, Swing Down Access Steps, Each Side | 1 |
| 209 | 0690023 | | Wall, Rear, Smooth Aluminum | 1 |
| 210 | 0074515 | | Tow Eyes (2), Ascendant 100' Aerial Tower, Ascendant Single Axle, 75' HAL | 1 |
| 211 | 0624701 | | Construction, Compt, Alum, 3rd Gen, Ascendant Single Axle | 1 |
| 212 | 0624699 | | Compt, LS F/H, Roll Drs, Ascendant Single Axle | 1 |
| 213 | 0624694 | | Compt, LS Turntable, F/H, Roll Dr, Ascendant Single Axle | 1 |
| 214 | 0023672 | | Compt, IPO Stairs, Not Required, LS | 1 |
| 215 | 0624693 | | Compt, RS F/H, Roll Drs, Ascendant Single Axle | 1 |
| 216 | 0624692 | | Compt, RS Turntable, F/H, Roll Dr, Ascendant Single Axle | 1 |
| 217 | 0023673 | | Compt, IPO Stairs, Not Required, RS | 1 |
| 218 | 0624691 | | Compt, Rear, Amdor Rollup Door, Narrow, Ascendant Single Axle Color, Roll-up Door - AMDOR Satin Aluminum Latch, Roll-up Door - Non-Locking Liftbar | 1 |
| 219 | 0594012 | | Doors, Amdor, Rollup, Side Compartments Qty, Door Accessory - 08 Color, Roll-up Door - AMDOR Painted to Match Lower Body Latch, Roll-up Door - Non-Locking Liftbar | 8 |
| 220 | 0624690 | | Bumper, Rear, Aluminum Rub Rail, Ascendant Single Axle | 1 |
| 221 | 0592591 | | Guard, Drip Pan, Roll-up Door, Mounted Special Height, PUC Std Dpth or 2nd Gen Qty, Door Accessory - 06 Location, Door Accessory - all left and right body compartments | 6 |
| 222 | 0659353 | | Lights, Compt, Amdor AY-9220 LED, Dual Light Strip Qty, - 06 | 6 |
| 223 | 0687145 | | Shelf Tracks, Recessed, PUC/3rd Generation | 1 |
| 224 | 0600289 | | Shelves, Adj, 500 lb Capacity, Full Width/Depth, Predefined Locations, Aerial Qty, Shelf - 09 Material Finish, Shelf - DA Finish Location, Shelves/Trays, Predefined - .Location To Be Determined | 9 |
| 225 | 0603179 | | Tray, Floor Mounted, Slide-Out, 500lb. 2.00" Sides, 3G, Ascendant Single Axle Qty, - 04 Location, Tray Slide-Out, Floor Mounted - RS1, RS3, LS1 and LS3 Material Finish, Tray - Painted - Spatter Gray | 4 |
| 226 | 0544614 | | Toolboard, Swing-out, Alum, .188", Peg Board, 3G Qty - 2 Location, Pivot - Front Mounting, Toolboard - Stationary Hole Diameter, Pegboard/Toolboard - .203" diameter Finish, Pegboard/Toolboard - Brushed Finish Location, Toolboard - LS2 and RS2 | 2 |
| 227 | 0762913 | | Divider, Vertical Location - Passenger's side forward compartment, approximately 10" from the rearward wall and one (1) in each compartment over the rear wheel wells | 3 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 227 | | | Qty, - 03 | |
| | | | Material Finish, Partition - DA Finish | |
| 228 | 0631062 | SP | Hopper, Oil Dry, Compartment, Special Configuration Valve Location | 1 |
| | | | Location - LS1 compartment | |
| | | | Configuration - as directed by the FD | |
| | | | Latch, Door, Storage - "D" Handle Latch | |
| | | | Hopper Valve Location - as directed by the FD | |
| | | | Hopper Discharge - Flip Down | |
| | | | Hopper Capacity - 100 lbs - 16.9 gallons | |
| | | | Hopper Fill Door Location - Top | |
| 229 | 0061917 | | Rub Rail, Aluminum Extruded, 3.12", Side of Body | 1 |
| 230 | 0565606 | | Fender Crowns, Rear, S/S, w/Removable Fender Liner, Aerial, 3rd Gen | 1 |
| 231 | 0519849 | | Not Required, Hose, Hard Suction | 1 |
| 232 | 0626229 | | Handrails, Side Pump Panels, Per Print | 1 |
| 233 | 0074030 | | Compt, Air Bottle, Dbl, in Fender Panel, Alum, 3rd Gen. | 4 |
| | | | Qty, Air Bottle Comp - 4 | |
| | | | Location, Air Bottle - (1) LS Ahead Rr Wheel, (1) LS Behind Rr Wheel, | |
| | | | (1) RS Ahead Rr Wheel and (1) RS Behind Rr Wheel | |
| | | | Door Finish, Fender Compt - Polished | |
| | | | Latch, Air Bottle Compt - Flush Lift & Turn | |
| | | | Insert, Air Bottle Compt - Rubber Matting | |
| 234 | 0004220 | | Ladder, 35' Duo-Safety 1225-A 3-Sect | 1 |
| 235 | 0600821 | | Ladder, 24' Duo-Safety 900A 2-Section, Ascendant Single Axle, 75' HAL | 1 |
| | | | Qty, - 01 | |
| | | | Location, Extension Ladder - ladder storage | |
| 236 | 0652176 | | Ladder, (2) 16' Duo-Safety 875-DR Roof | 1 |
| 237 | 0542436 | | Ladder, 16' Duo-Safety 875-DR Roof | 1 |
| | | | Qty, - 01 | |
| 238 | 0024233 | | Not Required, Allic Extension Ladder | 1 |
| 239 | 0600819 | | Ladder, 10' Duo-Safety Folding, 585A, Ascendant Single Axle, 75' HAL | 1 |
| | | | Qty, - 01 | |
| | | | Location, Folding Ladder Aerial - ladder storage | |
| 240 | 0624687 | | Ladders Stored at Rear, Ascendant Single Axle, Smooth Aluminum Doors | 1 |
| 241 | 0602102 | | Lights, Torque Box Ladder Storage, Truck-Lite 44042C 2lts, LED, Round 4" | 1 |
| 242 | 0775907 | | Pike Pole, 12' DUO Safety, Fiberglass | 1 |
| | | | Qty, - 01 | |
| 243 | 0789564 | | Pike Pole, 8' DUO Safety, Fiberglass, Aerial | 2 |
| | | | Qty, - 02 | |
| 244 | 0789566 | | Pike Pole, 6' DUO Safety, Fiberglass, Aerial | 2 |
| | | | Qty, - 02 | |
| 245 | 0789586 | | Pike Pole, 3' DUO Safety, Fiberglass, w/D Handle | 2 |
| | | | Qty, - 02 | |
| 246 | 0770578 | | Pike Pole Tubes, in Torque Box/Ladder Storage, ABS | 7 |
| | | | Qty, - 07 | |
| 247 | 0024388 | | No Steps Required, Front Of Body | 1 |
| 248 | 0004435 | | Pump, Waterous, CSU, 2000 GPM, Single Stage | 1 |
| 249 | 0004482 | | Seal, Mechanical, Waterous | 1 |
| 250 | 0559769 | | Trans, Pump, Waterous C20 Series | 1 |
| 251 | 0635600 | | Pumping Mode, Stationary Only | 1 |
| 252 | 0605126 | | Pump Shift, Air w/Manual Override, Split Shaft, Interlocked, Waterous | 1 |
| 253 | 0003148 | | Transmission Lock-up, EVS | 1 |
| 254 | 0004547 | | Auxiliary Cooling System | 1 |
| 255 | 0014486 | | Not Required, Transfer Valve, Stage Pump | 1 |
| 256 | 0777650 | | Valve, Relief Intake, Akron, w/Pressure Features | 1 |
| | | | Pressure Setting - 125 psig | |
| 257 | 0794959 | | Controller, Pressure, Pierce, Pump Boss, PBA300 | 1 |
| 258 | 0072153 | | Primer, Trident, Air Prime, Air Operated | 1 |
| 259 | 0044552 | | Line, 0.50" Recirculating w/Check Valve | 1 |
| 260 | 0780364 | | Manuals, Pump, (2) Total, Electronic Copies | 1 |
| 261 | 0602512 | | Plumbing, Stainless Steel and Hose, Single Stage Pump, Control Zone | 1 |
| 262 | 0775901 | | Plumbing and Manifolds, Stainless Steel, w/Foam System | 1 |
| 263 | 0004645 | | Inlets, 6.00" - 1250 GPM or Larger Pump | 1 |
| 264 | 0602448 | | Cap, Main Pump Inlet, Provided by Fire Department, NFPA 2016 | 1 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 265 | 0549887 | | Valve, w/Relief, RS Inlet, 6", Electric Cntrl, LED, Manual Override, Wat Pump | 1 |
| 266 | 0549882 | | Valve, w/Relief, LS Inlet, 6", Electric Cntrl, LED, Manual Override, Wat Pump | 1 |
| 267 | 0084610 | | Valves, Akron 8000 series- All | 1 |
| 268 | 0004660 | | Inlet, Left Side, 2.50" | 1 |
| 269 | 0029147 | | Not Required, Inlet, Right Side | 1 |
| 270 | 0016158 | | Valve, Inlet(s) Recessed, Side Cntrl, "Control Zone" | 1 |
| | | | Qty, Inlets - 1 | |
| 271 | 0034720 | | Anode, Zinc, Pair, Pump Inlets | 1 |
| 272 | 0004700 | | Control, Inlet, at Valve | 1 |
| 273 | 0092569 | | No Rear Inlet (Large Dia) Requested | 1 |
| 274 | 0092696 | | Not Required, Cap, Rear Inlet | 1 |
| 275 | 0064116 | | No Rear Inlet Actuation Required | 1 |
| 276 | 0009648 | | No Rear Intake Relief Valve Required on Rear Inlet | 1 |
| 277 | 0092568 | | No Rear Auxiliary Inlet Requested | 1 |
| 278 | 0563738 | | Valve, .75" Bleeder, Aux. Side Inlet, Swing Handle | 1 |
| 279 | 0029043 | | Tank to Pump, (1) 3.00" Valve, 3.00" Plumbing | 1 |
| 280 | 0004905 | | Outlet, Tank Fill, 1.50" | 1 |
| 281 | 0004940 | | Outlet, Left Side, 2.50" | 2 |
| | | | Qty, Discharges - 02 | |
| 282 | 0092570 | | Not Required, Outlets, Left Side Additional | 1 |
| 283 | 0004945 | | Outlet, Right Side, 2.50" | 2 |
| | | | Qty, Discharges - 02 | |
| 284 | 0092571 | | Not Required, Outlets, Right Side Additional | 1 |
| 285 | 0005047 | | Outlet, 4" w/4" Right, Handwheel | 1 |
| | | | Valve, Brand - Akron | |
| 286 | 0648906 | | Outlet, Front, 2.50" w/2.50" Plumbing | 1 |
| | | | Fitting, Outlet - 2.50" NST with 90 degree swivel | |
| | | | Drain, Front Outlet - Trident Swing Handle | |
| | | | Location, Front, Single - top of right bumper | |
| 287 | 0798521 | | Outlet, Rear, 2.50", Through Tank, Ascendant Single Axle | 1 |
| | | | Qty, Discharges - 01 | |
| | | | Location, Outlet - b) left side | |
| 288 | 0092574 | | Not Required, Outlet, Rear, Additional | 1 |
| 289 | 0092573 | | Not Required, Outlet, Hose Bed/Running Board Tray | 1 |
| 290 | 0085076 | | Caps for 1.50" to 3.00" Discharge, VLH | 1 |
| 291 | 0563739 | | Valve, 0.75" Bleeder, Discharges, Swing Handle | 1 |
| 292 | 0005091 | | Elbow, Left Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH | 1 |
| 293 | 0035094 | | Not Required, Elbow, Left Side Outlets, Additional | 1 |
| 294 | 0025091 | | Elbow, Right Side Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH | 1 |
| 295 | 0089584 | | Not Required, Elbow, Right Side Outlets, Additional | 1 |
| 296 | 0045091 | | Elbow, Rear Outlets, 45 Degree, 2.50" FNST x 2.50" MNST, VLH | 1 |
| 297 | 0085695 | | Not Required, Elbow, Rear Outlets, Large, Additional | 1 |
| 298 | 0005094 | | Elbow, Large Dia Outlet, 30 Deg, 4.00" FNST x 4.00" Storz | 1 |
| 299 | 0005080 | | Reducer, 2.50" FNST x 1.50" MNST, w/Cap | 6 |
| | | | Qty, Adapter for Outlets - 06 | |
| | | | Location, Adapter(s) - all 2.50" outlets | |
| 300 | 0062133 | | Control, Outlets, Manual, Pierce HW if applicable | 1 |
| 301 | 0029106 | | Not Required, Deluge Outlet | 1 |
| 302 | 0029302 | | No Monitor Requested | 1 |
| 303 | 0029304 | | No Nozzle Req'd | 1 |
| 304 | 0029107 | | No Deluge Mount | 1 |
| 305 | 0047583 | | Waterway Outlet & Control, 4" Akron, Handwheel | 1 |
| 306 | 0029167 | | Crosslays Sngl Sheet Unpainted, (2+) 1.50", Std. Cap | 2 |
| | | | Qty, Crosslays - 2 | |
| 307 | 0029196 | | Not Required, 2.50" Crosslay | 1 |
| 308 | 0029260 | | Not Required, Speedlays | 1 |
| 309 | 0591145 | | Hose Restraint, Crosslay/Deadlay, Top and Ends, Elastic Netting | 2 |
| | | | Qty, - 02 | |
| 310 | 0624939 | | Foam Sys, Husky 3, Single Agent, Multi Select Feature | 1 |
| | | | Discharge, Foam Locations - Front Bumper Right Side, Rear Outlet Left Side, Crosslay Front and Crosslay Rear | |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 310 | | | Discharge, Foam Locations - Front Bumper Right Side, Rear Outlet Left Side, Crosslay Front and Crosslay Rear | |
| 311 | 0012126 | | Not Required, CAF Compressor | 1 |
| 312 | 0592527 | | Refill, Foam Tank, Integral, Husky 3 | 1 |
| 313 | 0031896 | | Demonstration, Foam System, Dealer Provided | 1 |
| 314 | 0022539 | | Foam Cell, 20 Gallon, Reduce Water | 1 |
| | | | Type of Foam - Class "A" | |
| 315 | 0697589 | | Drain, 1.00", Foam Tank #1, Husky 3 Foam System, Quarter Turn | 1 |
| 316 | 0091079 | | Not Required, Foam Tank #2 | 1 |
| 317 | 0091112 | | Not Required, Foam Tank #2 Drain | 1 |
| 318 | 0620530 | | Pump House, Side Control, 52", Control Zone, Aerial | 1 |
| 319 | 0032479 | | Pump Panel Configuration, Control Zone | 1 |
| 320 | 0562698 | | Step, Slide-Out/Fold-Out, Pump Operator Platform, Aerial | 1 |
| 321 | 0667186 | | Light, Slide-Out Pump Operator Step, On Scene Solutions Access LED, Short Step | 1 |
| 322 | 0005525 | | Material, Pump Panels, Side Control Brushed Stainless | 1 |
| 323 | 0005578 | | Panel, Pump Access - Right Side Only | 1 |
| 324 | 0035501 | | Pump House Structure, Std Height | 1 |
| 325 | 0583824 | | Light, Pump Compl, WIn 3SC0CDCR LED White | 1 |
| | | | Qty, - 01 | |
| 326 | 0586382 | | Gauges, Engine, Included With Pressure Controller | 1 |
| 327 | 0005601 | | Throttle Included w/ Pressure Controller | 1 |
| 328 | 0549333 | | Indicators, Engine, Included with Pressure Controller | 1 |
| 329 | 0511078 | | Gauges, 4.00" Master, Class 1, 30"-0-600psi | 1 |
| 330 | 0511100 | | Gauge, 2.00" Pressure, Class 1, 30"-0-400psi | 1 |
| 331 | 0062586 | | Gauge, Water Level, Class 1, Pierce Std | 1 |
| 332 | 0060753 | | Water Level Gauge, WIn PSTANK, LED 1-Light, 4-Level | 2 |
| | | | Qty, - 02 | |
| | | | Activation, Water Level G - pb) parking brake is applied | |
| | | | Location, Water Level Gauge - Each Side Custom Cab | |
| 333 | 0062992 | | Gauge, Foam Level, (1) Tank, Class 1, 5lt | 1 |
| 334 | 0593161 | | Light Shield, S/S LED | 1 |
| 335 | 0606697 | | Air Horns, (2) Grover, In Bumper | 1 |
| 336 | 0606835 | | Location, Air Horns, Bumper, Each Side, Outside Frame, Outboard (Pos #1 & #7) | 1 |
| 337 | 0006066 | | Control, Air Horn, DS & PS Lanyard | 1 |
| 338 | 0525667 | | Siren, WIn 295SLSA1, 100 or 200 Watt | 1 |
| 339 | 0015283 | | Location, Elect Siren | 1 |
| | | | Location - on the engine tunnel mounting surface as directed by the FD at post paint or final inspection. run the siren cable to the top forward edge of the engine plate mounting area. | |
| 340 | 0076156 | | Control, Elec Siren, Head Only | 1 |
| 341 | 0601304 | | Speaker, (2) WIn, SA315P, w/Pierce Polished Stainless Steel Grille, 100 watt | 1 |
| | | | Connection, Speaker - siren head | |
| 342 | 0601558 | | Location, Speaker, Frt Bumper, Recessed, Ea Side, Outside Frame, Inbrd (Pos 2/6) | 1 |
| 343 | 0016080 | | Siren, Federal Q2B | 1 |
| 344 | 0006097 | | Location of Siren, Recessed in Bumper | 1 |
| | | | Location, Siren, Mech - c) center | |
| 345 | 0026160 | | Control, Mech Siren, Horn Ring, PS Foot Sw | 1 |
| 346 | 0606715 | | Lightbar, WIn, Freedom IV-Q, 2-21.5", RRRRR RRRRR | 1 |
| | | | Filter, Whl Freedom Ltbrs - No Filters | |
| 347 | 0540384 | | Lights, Front Zone, WIn M6°C LED, Clear Lens, in Common Bzl | 1 |
| | | | Color, Lt DS Front - Red | |
| | | | Color, Lt PS Front - Red | |
| 348 | 0653937 | | Flasher, Headlight Alternating | 1 |
| | | | Headlt flash deactivation - a)w/high beam | |
| 349 | 0540687 | | Lights, Side Zone Lower, WIn M6* LED, Colored Lens, 3pr, Ovr 25 | 1 |
| | | | Location, Lights Front Side - b)each side bumper | |
| | | | Color, Lt Side Front - Red | |
| | | | Color, Lt Side Middle - Red | |
| | | | Color, Lt Side Rear - Red | |
| | | | Location, Lights Mid Side - Rearward of Crew Cab Doors | |
| | | | Location, Lights Rear Side - Over Rear Wheels | |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|---|-----|
| 350 | 0540783 | | Lights, Rear Zone Lower, WIn M6*C LED, Clear Lens Color, Lt DS Rear - r) DS Rear Lt Red Color, Lt PS Rear - r) PS Rear Lt Red | 1 |
| 351 | 0540793 | | Lights, Rear, WIn M6* LED, Colored Lens Color, Light - ae) red Location, Rear Lights - Rear compt bulkheads Qty, - 02 Control, Light - a) rear upper warning | 2 |
| 352 | 0088745 | | Light, Rear Zone Upper, WIn L31HRFN LED Beacon, Red LED Color, Dome, Rear Warning - b)both domes red | 1 |
| 353 | 0006551 | | Not Required, Lights, Rear Upper Zone Blocking | 1 |
| 354 | 0791501 | | Light, Traffic Directing, WIn TAL65, 36" Long LED, Aerials Activation, Traffic Dir L - Not Connected | 1 |
| 355 | 0530074 | | Location, Traf Dir Lt, On Top of Body Below Turntable w/Trdplt Box | 1 |
| 356 | 0530282 | | Location, Traf Dir Lt Controller, Overhead Switch Panel DS Right End | 1 |
| 357 | 0023717 | | Electrical System, A/C w/Customer Installed Generator | 1 |
| 358 | 0016691 | | Generator, Cust/Sales Rep Furnished (Installed by F.D.) Fill in Blank - Smart Power HR-6.2 | 1 |
| 359 | 0076769 | | Mounting, Hydraulic Generator In Hose Bed | 1 |
| 360 | 0016751 | | Manual Start, Generator | 1 |
| 361 | 0016757 | | Not Required, Remote Start, Generator | 1 |
| 362 | 0016740 | | Not Required, Fuel System | 1 |
| 363 | 0016767 | | Not Required, Oil Drain Extension, Generator | 1 |
| 364 | 0016771 | | Not Required, Routing Exhaust, Generator | 1 |
| 365 | 0006737 | | Circuit Breaker Panel w/Cust or Dealer Furn Generator Location, CB Panel - LS3 compartment on the forward wall Make/Model - Dealer provided and installed Smart Power HR6.2 hydraulic generator | 1 |
| 366 | 0076607 | | Circuit Breaker Box, Subfeed Box Location - next to the main breaker box | 1 |
| 367 | 0526992 | | Reel, Elect Cable, Akron, (3) Wire Qty, Cord Reels - 1 Reel Guide - b) Captive roller Finish, Reel - Painted Job Color Location, Electric Cord Reel - Above Pump, Left Side, 1 Reel | 1 |
| 368 | 0006827 | | Cord, Electric, 12/3 Yellow, 3 Wire Lengths of Elect Cord - 1 Feet of Yellow Cord - e)200 Connection, Cord - Hubbell 20A 120V Twst Lock | 1 |
| 369 | 0601951 | SP | Box, Junc, Circle-D, 3Wire, 3-20A 120V SB, 1-20A 120 V TL Qty, - 01 Connection, Electric Plug / Inlet (Male) - Pigtail, 20A, 120V, TL Color, Electrical Junction Box, Circle D - High Visibility Yellow | 1 |
| 370 | 0531897 | | Guide, Roller In Cargo Area Side Sheet Location - Driver's side of the dunnage area side sheet Qty, Roller Guide - 1 | 1 |
| 371 | 0006824 | | Holder, Junction Box, Tread Plate Aluminum Qty, - 1 Location, Junction Box Holder - Mount At Pick-Up | 1 |
| 372 | 0781579 | | Receptacle, 15/20A 120V 3-Pr 3-Wr, NEMA 5-20R SB Dup, 1st, Interior Cab Qty, - 01 Location 1 - forward facing EMS cabinet in the crew cab area. Please provide wiring in a coil as the customer will ID the location of the receptacle at the post paint inspection trip AC Power Source - Shoreline to Shoreline Transfer Sw Cover, Receptacle - Interior Red Plastic Wall Plates(s) | 1 |
| 373 | 0780360 | | Receptacle Strip, 20A 120V 6-Place, Interior Cab Qty, - 1 Location 1 - behind the Driver's seat AC Power Source - Gen to Shoreline Transfer Switch | 1 |
| 374 | 0779722 | | Receptacle, 15/20A 120V 3-Pr 3-Wr, NEMA 5-20R SB Dup, 1st, Interior Body Qty, - 01 | 1 |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 374 | | | Location 1 - Please provide wiring in a coil in the LS1 compartment as the customer will ID the exact location of the receptacle at the post paint inspection trip | |
| | | | AC Power Source - Gen to Shoreline Transfer Switch | |
| | | | Cover, Receptacle - Interior Red Plastic Wall Plate | |
| 375 | 0779718 | | Receptacle, 15/20A 120V 3-Pr 3-Wr, NEMA 5-20R SB Dup, 2nd, Interior Body Qty, - 01 | 1 |
| | | | Location 1 - Please provide wiring in a coil in the LS2 compartment as the customer will ID the exact location of the receptacle at the post paint inspection trip | |
| | | | AC Power Source - Gen to Shoreline Transfer Switch | |
| | | | Cover, Receptacle - Interior Red Plastic Wall Plate | |
| 376 | 0016891 | | Reel, Chassis Air, Lo Pressure, Tools w/200' Hose | 1 |
| | | | Location - as directed by the FD | |
| | | | Qty, Reel - 1 | |
| | | | Reel Guide - a) Nylatron guide | |
| | | | Finish, Reel - Painted Royal Blue | |
| 377 | 0519934 | | Not Required, Brand, Hydraulic Tool System | 1 |
| 378 | 0649753 | | Not Required, PTO Driven Hydraulic Tool System | 1 |
| 379 | 0649750 | | Not Required, Hydraulic Reels | 1 |
| 380 | 0786787 | | Aerial, 107' ASL Single Axle, Active Damping System, 750/500 Tip, 35 MPH Wind | 1 |
| 381 | 0000042 | | Boom Support, Rear of the Chassis Cab | 1 |
| 382 | 0762413 | | Light, Boom Support, Amdor AY-LB-12HW012, 12" LED | 1 |
| 383 | 0799560 | | Boom Support Compartment, Not Required | 1 |
| 384 | 0680821 | | Boom Panel, Pair | 1 |
| | | | Paint Color, Predefined - #10 white | |
| 385 | 0636748 | | Indicator, Extension, Inside and Outside Handrails, Every 5' | 1 |
| | | | Color - 2) red | |
| 386 | 0521271 | | Steps, Folding, Four, Aerial Device, Eberhard | 1 |
| 387 | 0688232 | | Rung Covers, Aerial Device | 1 |
| | | | Rung Cover Color - Safety Yellow | |
| 388 | 0678711 | | Brackets, Stokes Storage, Base Section, Inboard of Boom Panel | 1 |
| | | | Qty, - 01 | |
| | | | Location, Aerial Device - right side | |
| 389 | 0678815 | | Brackets Only, Axe, 6lb or 8lb, Aerial Fly Section | 1 |
| 390 | 0784202 | | Brackets Only, Roof Ladder, Base Section, Inboard of Boom Panel, Ascendant | 2 |
| | | | Qty, - 02 | |
| | | | Location, Aerial Device - each side | |
| | | | Roof Ladder, Make/Model, Multi-Select - 16' Duo-Safety 875-A-DR | |
| 391 | 0601972 | | Lights, Turntable Walkway, P25, LED | 1 |
| 392 | 0762396 | | Light, Turntable Console, Amdor AY-LB-12HW012, LED Strip Light | 1 |
| 393 | 0624684 | | Control Stations, ASL Single Axle, MUX, Color Display | 1 |
| 394 | 0624682 | | Stabilizers, One Set, Ascendant Single Axle | 1 |
| | | | Material, Stabilizer Pad - Composite | |
| 395 | 0548902 | | Door, Stabilizer Control Box, Stainless Steel | 1 |
| 396 | 0624678 | | Hydraulic System, Ascendant Single Axle | 1 |
| 397 | 0615180 | | Swivels, w/Encoder, ASL Single Axle, (28 Collector Rings) | 1 |
| 398 | 0624676 | | Electrical System, ASL Single Axle, MUX | 1 |
| 399 | 0670920 | | Lights, Wln MPB* Micro LED Trk Lights Only, 2lts PAL | 1 |
| | | | Color, Wln Lt Housing - Black Paint | |
| 400 | 0653677 | | Lighting, Rung, LED, TecNiq, 4 Section, Base, Lower/Upper Mid, Fly | 1 |
| | | | Control, Aerial Rung Lighting - Turntable Sw w/Master Batt Sw | |
| | | | Color, Lt Aerial Fly Sect - Blue | |
| | | | Color, Lt Aerial Base Sect - Blue | |
| | | | Color, Lt Aerial Lower Mid Sect - Blue | |
| | | | Color, Lt Aerial Upper Mid Sect - Blue | |
| 401 | 0540725 | | Lights, Stabilizer Warn (1) Set, Wln M6* LED, Rear Colored Lens | 1 |
| | | | Color, Lt Rr Stabilizr Pan - r) Pan Light Red | |
| 402 | 0617469 | | Lights, Wln TOR00FRR LED 2", Stabilizer Beam (1) Set, Ascendant | 1 |
| 403 | 0768550 | | Lights, Stabilizer Scene, Amdor AY-LB-12HW012, 12", 3lts LED, Ascendant Single | 1 |
| 404 | 0657229 | | AC Power To Aerial Tip, Duplex Household, 15A, HAL, ASL | 1 |
| 405 | 0689485 | | Light, FRC, Spectra, SPA570-K20 LED, 120 Volt, Pedestal Mount @ Tip, Pal/Hal | 2 |
| | | | Qty, - 02 | |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|---|-----|
| 405 | | | Location, Sw, Arl AC Lts - 3 Pos | |
| | | | Location, Plat/Tip AC Lts - C) Drvr and Pass | |
| 406 | 0594648 | | Intercom, 2-Way Fire Research ICA900 Hands Free | 1 |
| 407 | 0540895 | | Not Required, Breathing Air to Tip, Aerial Ladder | 1 |
| 408 | 0024742 | | Not Required, Mask, Breathing Air To Tip | 1 |
| 409 | 0610887 | | Aerial Pedestal, Ascendant Single Axle | 1 |
| 410 | 0604457 | | Lifting Eye Assembly, Rope Rescue Attachment, ASL | 1 |
| 411 | 0536374 | | Turntable Access, ManSaver Bars, Red | 1 |
| 412 | 0624672 | | Waterway, High Flow, 1500 GPM, ASL | 1 |
| 413 | 0632855 | | Monitor, Akron 3480 StreamMaster II Electric w/Extended Vertical Travel | 1 |
| | | | Nozzle, Monitor 1 PAL - Akron 5178 Electric 1500 gpm | |
| 414 | 0542380 | | Wireless Monitor Remote Control, Akron | 1 |
| 415 | 0010758 | | Flow Meter, Waterway, PAL, 110' Ascendant, MUX | 1 |
| 416 | 0624671 | | Inlet, 5.00" w/5.00" Aluminum, Plumbing at Rear, Ascendant Single Axle | 1 |
| 417 | 0673128 | | Quick-Lock Waterway Locking System, 100' HDL/MDL, 105' HDL, ASL | 1 |
| 418 | 0768548 | | Label, Pinnable Waterway Lock, Ascendant | 1 |
| 419 | 0047897 | | Tools, Aerial | 1 |
| 420 | 0559494 | | Manuals and Training, 3 Consecutive Days, Ascendant Ladder, PAL | 1 |
| 421 | 0007150 | | Bag of Nuts and Bolts | 1 |
| | | | Qty, Bag Nuts and Bolts - 1 | |
| 422 | 0602497 | | NFPA Required Loose Equipment, Quint, NFPA 2016, Provided by Fire Department | 1 |
| 423 | 0519913 | | Not Required, Soft Suction Hose | 1 |
| 424 | 0027023 | | No Strainer Required | 1 |
| 425 | 0602534 | | Extinguisher, Dry Chemical, Quint NFPA 2016, Provided by Fire Department | 1 |
| 426 | 0602352 | | Extinguisher, 2.5 Gal. Pressurized Water, Quint, NFPA 2016, Provided by Fire Dept | 1 |
| 427 | 0007482 | | Not Required, Crowbars | 1 |
| 428 | 0007484 | | Not Required, Claw Tools | 1 |
| 429 | 0602883 | | Axe, Flathead, Quint NFPA 2016, Provided by Fire Department | 1 |
| 430 | 0602670 | | Axe, Pickhead, Quint NFPA 2016, Provided by Fire Department | 1 |
| 431 | 0007494 | | Not Required, Sledgehammers | 1 |
| 432 | 0559682 | | Paint, Two Tone, Cab, w/Shield, Custom Cab | 1 |
| | | | Paint Color, Predefined - #90 Red | |
| | | | Paint Color, Upper Area, Predefined - #10 White | |
| 433 | 0645807 | | Paint Chassis Frame Assy, With Liner, E-Coat, All Joints Sealed | 1 |
| | | | Paint Color, Frame Assembly, Predefined - Standard Black | |
| 434 | 0693797 | | No Paint Required, Aluminum Front Wheels | 1 |
| 435 | 0687653 | | Paint, Rear Wheels, Single Axle, Alum-Stl | 1 |
| | | | Paint, Wheels - Black #101 | |
| 436 | 0007234 | | Compartment, Unpainted, D/A Finished | 1 |
| 437 | 0792617 | | Aerial Ladder Paint, ASL-Single Axle, E-Coat | 1 |
| | | | Paint Color, Aerial Device - White 10 | |
| | | | Paint Color, Egress - #90 Red | |
| | | | Paint Color, Turntable - White 10 | |
| | | | Paint Color, Boom Support - black 101 | |
| | | | Paint Color, Cylinders - white 10 | |
| | | | Paint Color, Aerial Control Console - white 10 | |
| 438 | 0544129 | | Reflective Band, 1"-6"-1" | 1 |
| | | | Color, Reflect Band - A - e) black | |
| | | | Color, Reflect Band - B - p) black | |
| | | | Color, Reflect Band - C - za) black | |
| 439 | 0007356 | | Reflective across Cab Face | 1 |
| 440 | 0624670 | | Stripe, Chevron, Rear, Diamond Grade, Aerial, Ascendant Single Axle | 1 |
| | | | Color, Rear Chevron DG - fluorescent yellow green | |
| 441 | 0598754 | | Stripe, Reflective/Diamond Grade, 4.00" on Stabilizers | 1 |
| | | | Color, Reflect Band - A - p) fluorescent yellow green diamond grade | |
| 442 | 0079341 | | Jog, In Reflective Stripe "Hockey Stick" | 2 |
| | | | Qty, - 02 | |
| 443 | 0065687 | | Stripe, Reflective, Cab Doors Interior | 1 |
| | | | Color, Reflective - e) black | |
| 444 | 0033179 | | Lettering Specifications, Reflective | 1 |
| 445 | 0686111 | | Lettering, Reflective, 11.00", (21-40) | 1 |
| | | | Outline, Lettering - Outline and Shade | |

| Line | Option | Type | Option Description | Qty |
|------|---------|------|--|-----|
| 446 | 0017268 | | Decals, Customer furnished, Pierce installed, Per Pair | 1 |
| | | | Qty, - 1 | |
| 447 | 0769753 | | Emblem, American Flag Painted on Cab Grille, All Custom Chassis | 1 |
| 448 | 0652945 | | E-Coat, Under Body/Chassis Component Package | 1 |
| | | | Paint Color, E-Coat - Black | |
| 449 | 0631674 | | E-Coat, TAK-4 Components, Front Axle, Black | 1 |
| 450 | 0529225 | | Manuals, Two (2) CD, Fire Apparatus Parts, Custom Chassis | 1 |
| 451 | 0531636 | | Manual, Two (2) CD, Chassis Service, Custom | 1 |
| 452 | 0531638 | | Manual, Two (2) CD, Chassis Operation, Custom | 1 |
| 453 | 0030008 | | Warranty, Basic, 1 Year, Apparatus, WA0008 | 1 |
| 454 | 0696696 | | Warranty, Engine, Detroit DD13, 5 Year, WA0180 | 1 |
| 455 | 0684953 | | Warranty, Steering Gear, Sheppard M110, 3 Year WA0201 | 1 |
| 456 | 0596017 | | Warranty, Frame, 50 Year, Custom Chassis, WA0013 | 1 |
| 457 | 0595698 | | Warranty, Axle, 3 Year, TAK-4, WA0050 | 1 |
| 458 | 0777368 | | Warranty, Axle, 2 Year, Meritor, General Service, WA0328 | 1 |
| 459 | 0652758 | | Warranty, ABS Brake System, 3 Year, Meritor Wabco, WA0232 | 1 |
| 460 | 0019914 | | Warranty, Structure, 10 Year, Custom Cab, WA0012 | 1 |
| 461 | 0595813 | | Warranty, Paint, 10 Year, Cab, Pro-Rate, WA0055 | 1 |
| 462 | 0524627 | | Warranty, Electronics, 5 Year, MUX, WA0014 | 1 |
| 463 | 0695416 | | Warranty, Pierce Camera System, WA0188 | 1 |
| 464 | 0708760 | | Warranty, Not Applicable, LED Strip Lights | 1 |
| 465 | 0046369 | | Warranty, 5-year EVS Transmission, Standard Custom, WA0187 | 1 |
| 466 | 0685945 | | Warranty, Transmission Cooler, WA0216 | 1 |
| 467 | 0688798 | | Warranty, Water Tank, Lifetime, UPF, Poly Tank, WA0195 | 1 |
| 468 | 0596025 | | Warranty, Structure, 10 Year, Body, WA0009 | 1 |
| 469 | 0693127 | | Warranty, Gortite, Roll-up Door, 6 Year, WA0190 | 1 |
| 470 | 0063510 | | Warranty, Pump, Waterous, 5 Year Parts, WA0225 | 1 |
| 471 | 0648675 | | Warranty, 10 Year S/S Pumping, WA0035 | 1 |
| 472 | 0657990 | | Warranty, Foam System, Husky 3, WA0231 | 1 |
| 473 | 0006999 | | Warranty, Structure, 20 Year, Aerial Device, WA0052 | 1 |
| 474 | 0687388 | | Warranty, Swivels, 5 Year, Aerial Device, WA0197 | 1 |
| 475 | 0685727 | | Warranty, Hydraulic System and Components, 3 Year/5 Year, WA0200 | 1 |
| 476 | 0687327 | | Warranty, Waterway, 10 Year, Aerial Device, WA0198 | 1 |
| 477 | 0595860 | | Warranty, Paint, 4 Year, Aerial Device, Pro-Rated, WA0047 | 1 |
| 478 | 0595820 | | Warranty, Paint, 10 Year, Body, Pro-Rate, WA0057 | 1 |
| 479 | 0595412 | | Warranty, Graphics Lamination, 1 Year, Apparatus, WA0168 | 1 |
| 480 | 0683627 | | Certification, Vehicle Stability, CD0156 | 1 |
| 481 | 0610839 | | Certification, Engine Installation, Enforcer, Detroit DD13, 2016, CD0146 | 1 |
| 482 | 0686786 | | Certification, Power Steering, CD0098 | 1 |
| 483 | 0631980 | | Certification, Cab Integrity, Saber FR/Enforcer, CD0130 | 1 |
| 484 | 0631973 | | Certification, Cab Door Durability, Saber FR/Enforcer, CD0137 | 1 |
| 485 | 0631978 | | Certification, Windshield Wiper Durability, Saber FR/Enforcer, CD0132 | 1 |
| 486 | 0631974 | | Certification, Electric Window Durability, Saber FR/Enforcer, CD0133 | 1 |
| 487 | 0631977 | | Certification, Seat Belt Anchors and Mounting, Saber FR/Enforcer, CD0134 | 1 |
| 488 | 0631976 | | Certification, Cab Heater and Defroster, Saber FR/Enforcer, CD0131 | 1 |
| 489 | 0631971 | | Certification, Cab Air Conditioning Performance, Saber FR/Enforcer, CD0135 | 1 |
| 490 | 0545073 | | Amp Draw Report, NFPA Current Edition | 1 |
| 491 | 0002758 | | Amp Draw, NFPA/ULC Radio Allowance | 1 |
| 492 | 0799248 | | Appleton/Florida BTO | 1 |
| 493 | 0000049 | | Ascendant BODY | 1 |
| 494 | 0000012 | | PIERCE CHASSIS | 1 |
| 495 | 0562778 | | DD13 ENGINE | 1 |
| 496 | 0046396 | | EVS 4000 Series TRANSMISSION | 1 |
| 497 | 0020011 | | WATEROUS PUMP | 1 |
| 498 | 0020009 | | POLY TANK | 1 |
| 499 | 0028048 | | FOAM SYSTEM | 1 |
| 500 | 0020006 | | SIDE CONTROL | 1 |
| 501 | 0020007 | | AKRON VALVES | 1 |
| 502 | 0020015 | | ABS SYSTEM | 1 |
| 503 | 0658751 | | Manufacturing Attribute | 1 |

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019

NEW
BUSINESS

ITEM F.5
MCCLUMPHA/ANN ARBOR ROAD
TRAFFIC LIGHT
Resolution #2019-02-12-15



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: February 12, 2019

ITEM: Resolution regarding McClumpha Road/Ann Arbor Road Intersection, Resolution #2019-02-12-15

PRESENTERS: Supervisor Heise

BACKGROUND: It is time once again to ask our representatives in Lansing and Wayne County to take action on the McClumpha/Ann Arbor Road Intersection.

As your former State Representative, I worked with the Michigan Department of Transportation (MDOT) and Wayne County in the Fall of 2015 to get a traffic study done that proved the need for four-way, red/yellow/green traffic signals at the intersection. In February of 2017 this Board passed a Resolution that implored our Lansing officials to take action on the intersection, which is under MDOT control.

In 2017, State Representative Jeff Noble was able to secure funding from the state to begin work on the intersection. Unfortunately, this only resulted in a widening of the intersection and a promise that four-way traffic signals would be installed at the intersection. Apparently yet another traffic study would need to be done.

We cannot afford to wait any longer, and with the new Governor and Legislature in place, it is time for us to reiterate our need for a fully-functional traffic signal at this dangerous intersection.

PROPOSED MOTION: I move that the Board of Trustees approve Resolution 2019-02-12-15 urging the State of Michigan to expedite the funding and installation of all necessary 4-way signals and other improvements necessary for the McClumpha Road/ Ann Arbor Road traffic safety improvements.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi,___ Clinton, ___Heitman, ___Doroshewitz, ___Dempsey, ___Heise

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

RESOLUTION # 2019-02-12-15

**RESOLUTION TO URGE THE STATE OF MICHIGAN TO EXPEDITE THE
INSTALLATION OF TRAFFIC SIGNALS AND RELATED SAFETY IMPROVEMENTS
TO THE INTERSECTION OF ANN ARBOR ROAD AND MCCLUMPHA ROAD IN THE
TOWNSHIP OF PLYMOUTH**

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 February 12, 2019 the following resolution was offered:

WHEREAS, the intersection of McClumpha and Ann Arbor Road in Plymouth Township (the 'intersection') is currently one of the busiest in the township, handling vehicles travelling east and westbound on Ann Arbor Road travelling at speeds in excess of 50 mph; and,

WHEREAS, the intersection also services major residential neighborhoods to the north and south of the intersection; including to the south, the nearby Plymouth-Canton Educational Park, the largest high school campus in Michigan with more than 6,100 students; and,

WHEREAS, the intersection also services a church and charter school at its northeastern quadrant, and a large funeral home at its southwest quadrant; and,

WHEREAS, since January 1, 2010, 60 vehicle crashes have been reported at the intersection – 23 of those listed as 'injury accidents;'

WHEREAS, the State of Michigan, through its Department of Transportation (MDOT) is responsible for the intersection's design, construction, traffic flow, and safety as Ann Arbor Road is a state trunkline (the 'old M-14 highway'); and,

WHEREAS, after numerous citizen complaints in 2015, MDOT commissioned the County of Wayne to undertake a traffic study to determine whether additional traffic signals and other improvements were needed at the intersection; and,

WHEREAS, the study showed the need to make such improvements, including but not limited to, new traffic signal(s), improved deceleration lanes, center turn lanes, and a widened intersection in accordance with modern traffic safety guidelines; and,

WHEREAS, MDOT as of this date has only made limited intersection improvements and has not installed four-way, red/yellow/green traffic signals – an unsatisfactory outcome that has done little to protect public safety;

NOW, THEREFORE BE IT RESOLVED, that the Plymouth Township Board of Trustees urges the State of Michigan to expedite the funding and installation of all necessary 4-way traffic signals and other improvements necessary to promote enhanced public safety and traffic flow at the intersection of Ann Arbor Road at McClumpha Road, Charter Township of Plymouth, Michigan.

FURTHERMORE, that copies of this Resolution be sent to Governor Gretchen Whitmer, MDOT Director Paul Ajegba, State Senator Dayna Polehanki, State Representatives Matthew Kolezar and Kristy Pagan, House Appropriations Chair Rep. Shane Hernandez, County Commissioner Melissa Daub, and the Plymouth-Canton School Board.

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

Moved by:
Supported by:

Roll Call Vote

Ayes:
Nays:

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

Jerry Vorva, Clerk, Charter Township of Plymouth

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019

ITEM G
SUPERVISOR AND TRUSTEE
COMMENTS

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES MEETING
February 12, 2019**

**ITEM I
ADJOURNMENT**