

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

Tuesday, November 27, 2018
7:00 PM



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, November 27, 2018

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

Regular Meeting – Tuesday, November 13, 2018

D.2 Acceptance of Communications, Resolutions, Reports:

Building Department Monthly Report – October, 2018

Fire Department Monthly Report – October, 2018

Police Department Monthly Report – October, 2018

Planning Department Monthly Report – October, 2018

FOIA Activity – Clerk's Office – October, 2018

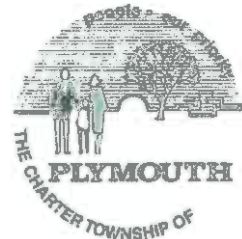
FOIA Activity – Police Department – October, 2018

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	383,307.74	115,322.48	498,630.22
Solid Waste Fund	226	3,691.39	103,861.81	107,553.20
Improvement Revolving (Capital)	246	.00	.00	.00
Drug Forfeiture Fund	265	.00	.00	.00

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

Tuesday, November 27, 2018
7:00 PM



Drug Forfeiture State	266	.00	.00	.00
Drug Forfeiture IRS	267	.00	.00	.00
Golf Course Fund	510	72.81	134.00	206.81
Senior Transportation	588	3789.93	415.29	4205.22
Water/Sewer Fund	592	209,382.75	1,665,910.67	1,875,293.42
Trust and Agency	701	10,602.50	.00	10,602.50
Police Bond Fund	702	1,291.00	.00	1,291.00
Tax Pool	703	.00	.00	.00
Special Assessment Capital	805	.00	.00	.00
TOTALS:		\$612,138.12	\$1,885,644.25	\$2,497,782.37

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

F. NEW BUSINESS

1. Proposed Regional Water Purchasing Plan through the Western Townships Utilities Authority, *DPW Director Patrick Fellrath, WTUA Executive Director Aaron Sprague*
2. Phoenix Mill Rezoning, **Resolution #2018-11-27-85**, *Planning Consultant Laura Haw*
3. Preliminary Engineering Request for Litchfield SAD, *DPW Director Patrick Fellrath*

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

Tuesday, November 27, 2018
7:00 PM



4. Request to Enter into Contract Negotiations with ADM Ventures, LLC for Management of Hilltop Golf Course, *Supervisor Kurt Heise*
5. Contract for Towing Services, **Resolution #2018-11-29-86**, *Lt. Daniel Kudra*

G. SUPERVISOR AND TRUSTEE COMMENTS

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

I. ADJOURNMENT

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

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**CALL TO ORDER
NOVEMBER 27, 2018**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM A
ROLL CALL
NOVEMBER 27, 2018**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM B
PLEDGE OF ALLEGIANCE
NOVEMBER 27, 2018**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM C
APPROVAL OF AGENDA
NOVEMBER 27, 2018**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM D.1
APPROVAL OF MINUTES
NOVEMBER 13, 2018 MEETING**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, NOVEMBER 13, 2018**

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: Dan Phillips, Fire Chief
Thomas Tiderington, Police Chief
Dan Kudra, Police Lieutenant
Kevin Bennett, Township Attorney
David Richmond, Spalding DeDecker
Cindy Kushner, Finance Director
Sue Brams, Executive Assistant to the Supervisor
Paula Jefferson
20 Members of the Public

B. PLEDGE OF ALLEGIANCE – Dan Kudra

C. APPROVAL OF AGENDA

Tuesday, November 13, 2018

Moved by Clerk Vorva and seconded by Trustee Heitman to approve the agenda for the board of trustee's regular meeting of November 13, 2018. Ayes all.

D. APPROVAL OF CONSENT AGENDA

D.1 **Approval of Minutes:**
Regular Meeting – Tuesday, October 23, 2018

D.2 **Acceptance of Communications, Resolutions, Reports:** n/a

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, NOVEMBER 13, 2018**

PROPOSED MINUTES

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	519,300.61	143,482.98	662,783.59
Solid Waste Fund	226	3,929.31	11,259.69	15,189.00
Improvement Revolving (Capital)	246	.00	.00	.00
Drug Forfeiture Fund	265	.00	28,424.19	28,424.19
Drug Forfeiture State	266	.00	.00	.00
Drug Forfeiture IRS	267	.00	472.05	472.05
Golf Course Fund	510	755.31	4181.51	4,936.82
Senior Transportation	588	4,754.73	.00	4,754.73
Water/Sewer Fund	592	51,546.98	593,746.51	645,293.49
Trust and Agency	701	54,773.00	.00	54,773.00
Police Bond Fund	702	4,591.00	.00	4,591.00
Tax Pool	703			
Special Assessment Capital	805	58.27	8,847.50	8,905.77
TOTALS:		639,709.21	790,414.43	1,430,123.64

Trustee Heitman had some observations on the monthly bills. He noted that the fire department is still purchasing supplies from Napa Auto Parts and stated that quite a bit of money is being spent on windshield washer fluid and antifreeze from Napa. He

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, NOVEMBER 13, 2018**

PROPOSED MINUTES

stated that the items could be purchased at Auto Zone in the township. He also noted a truck bill from the DPW department to remove "pounds" of mud and replace ripped mud flaps. He is concerned that they are not properly taking care of the vehicles. Supervisor Heise stated that he would have Patrick Fellrath send an e-mail to the board addressing the concern.

Clerk Vorva stated that there are amendments to the October 23 meeting minutes that were submitted by Trustee Dempsey.

Trustee Curmi questioned the expense of window washing and the purchase of sand. He questioned whether \$1,785.00 for window washing was worth the expense. He also questioned the purchase of sand. Supervisor Heise stated he would check with Patrick Fellrath regarding the sand purchase.

Moved by Trustee Heitman and seconded by Clerk Vorva to approve the consent agenda for the Board of Trustees regular meeting of November 13, 2018. Ayes all.

Clerk Vorva spoke about the November 6 General election. He noted that it was one of the largest turnouts for a gubernatorial election. The township received more requests for absentee ballots than in the 2016 presidential election. There was a 97% rate of return for absentee ballots. On December 4 a public post-election commission meeting will take place.

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

Dale Leiting, a township resident, commented on the proposal for the Hilltop Golf Course by Albanese & Ludzke. He also stated that there is an alternative to the Golf Course in the form of a park.

Copies of the Resolutions and Attachments listed below are available in the Clerk's office for public perusal.

F. NEW BUSINESS

1. Contract Renewal with Wayne County Appraisal, LLC for Township Assessing Services, **Resolution #2018-11-13-84**, Supervisor Kurt Heise, Finance Director Cindy Kushner

Aaron Powers and Doug Shaw with Wayne County Appraisal, LLC presented a contract amendment and renewal to the board. Trustee Curmi had questions regarding the Tax

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, NOVEMBER 13, 2018**

PROPOSED MINUTES

Tribunal proceedings and the 4% hourly rate increase of the contract. WCA explained that the increase would enable them to remain competitive in regard to attracting industry talent.

With this contract the assessing services will now be fully privatized through Wayne County Appraisal, LLC.

Moved by Clerk Vorva and seconded by Trustee Heitman to adopt **Resolution #2018-11-13-84**, which approves the 5 year renewal of the Wayne County Appraisal, LLC contract to provide assessing services to the township and authorizes the supervisor and the clerk to sign the same pending final approval by the township attorney. Ayes all on a roll call vote.

2. United States of America v. Mike Mitchell Update – Supervisor Kurt Heise

Supervisor Heise will provide a victim impact statement by Friday, November 16 to the federal court in the case against Mike Mitchell. Per Chief Tiderington, Mr. Mitchell pled guilty to one count of Federal Program Theft, in violation of 18 U.S.C. § 666(a)(1)(A). This violation is the theft of funds from a municipality that receives federal funding. Sentencing is set for January 17, 2019.

3. Hilltop Golf Course Management RFPs – Interviews by Board of Trustees

- Billy Casper, LLC
- ADM Ventures, LLC

Representatives of Billy Casper, LLC and ADM Ventures, LLC made presentations to the board and answered questions from both the board and the public regarding their proposals for Hilltop Golf Course Management.

The board recessed briefly between the two presentations from 8:45 p.m. until 8:55 p.m.

Supervisor Heise stated that the township would be in touch with the firms after weighing the township's options.

4. Draft 2019 Township Budget Discussion – Finance Director Cindy Kushner

Treasurer Clinton discussed the distribution of revenues that will be generated due to the passage of the public safety millage. He recommended that the majority of the

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, NOVEMBER 13, 2018**

PROPOSED MINUTES

funds generated by the millage should be placed in a trust over the next 5 years that will cover future costs.

Trustee Curmi inquired about streamlining employee benefits between retirees and current employees. He also inquired about the cost value of senior transportation for the township.

G. SUPERVISOR AND TRUSTEE COMMENTS

Supervisor Heise thanked the voters for their confidence and support in approving the public safety millage. He is looking at holding a special meeting on December 18. There are decisions to make regarding the golf course and other year-end administrative tasks. The meeting would also involve a closed session with the township labor attorney.

Trustee Heitman thanked Chief Phillips, Chief Tiderington, and Lieutenant Kudra for getting the word out on the public safety millage.

Clerk Vorva, again thanked the election inspectors and staff who worked the election. He introduced Paula Jefferson who assists in the clerk's department.

Trustee Dempsey thanked the voters, staff and election workers for working last Tuesday's election.

Trustee Curmi inquired about the 2016 General Election ballot FOIA. Clerk Vorva stated that the applicant has been given an estimate of the fees to fulfill the request. The FOIA is awaiting a response from the applicant. Trustee Curmi requested that the labor attorney place negotiations on a spreadsheet. He asked Supervisor Heise that if the township sells more of the DPW land that an outside third party be brought in to determine the value of the land. He asked Treasurer Clinton about the 1.1 million from the City of Plymouth that was originally intended for a MERS Trust. He inquired where the money was now and what the township planned to do with the funds. Treasurer Clinton stated that it is currently in the general fund and will be transferred to the MERS trust with a 2018 budget amendment. Trustee Curmi inquired if the township had appointed a new member to the board of review and would they be trained by the March board of review. A new member has been appointed. His final concern was about the dog licensing fee. He believes that the fee should be increased and the licenses should be sold through veterinarians.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, NOVEMBER 13, 2018**

PROPOSED MINUTES

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

Valerie Bartlett, a township resident, raised concerns about the amount of time residents have to pay their water bill. She stated the amount of time given to pay puts a burden on residents who are on a fixed income.

I. ADJOURNMENT

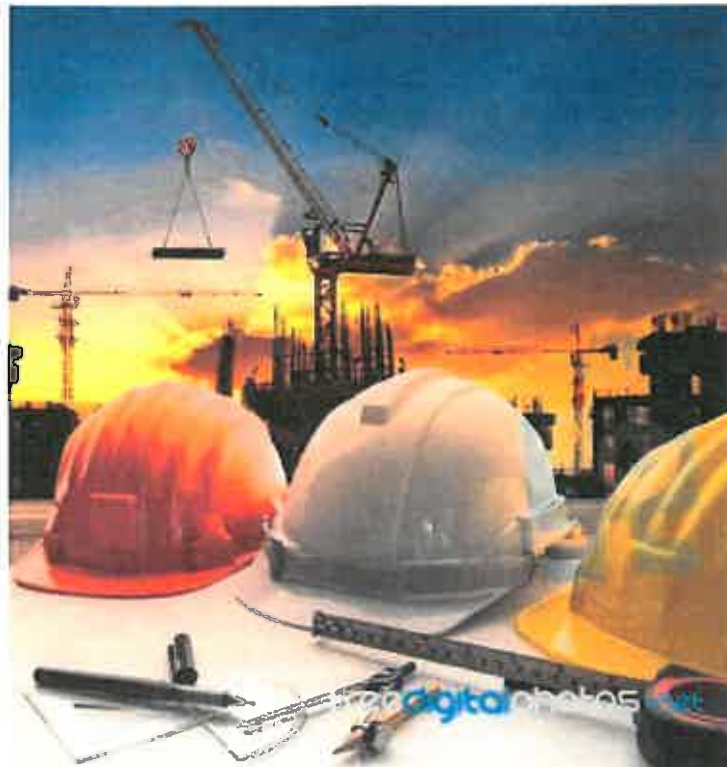
Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 10:28 p.m. Ayes all.

Jerry Vorva, Township Clerk

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM D.2
ACCEPTANCE OF COMMUNICATIONS,
RESOLUTIONS, REPORTS
NOVEMBER 27, 2018 MEETING**

CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

**October
2018**

New Commerical Building for 2018

Company Name	Property Address	Type of Work	Construction Value	Status	Month
--------------	------------------	--------------	--------------------	--------	-------

Total Construction Value

New Commercial Additions/Alterations for 2018

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Rivian	13250 Haggerty RD	Tenant finish	1,500,000	Issued	January
Beets Analysts	45211 Helm	Tenant finish	157,959	Issued	January
Sanctum Sanctum	15071 Northville RD	Tenant finish	1,500	Issued	January
Distributor Operations	40985 Concept	Interior Remodel	29,240	Issued	January
Shiloh Industries	47632 Halyard	Interior Remodel	22,872	Issued	February
Broasted Brothers	15171 Sheldon	Tenant finish	65,000	Issued	February
Trumpf	47711 Clipper	Remodel	314,000	Issued	February
Mile City Church	41100 Plymouth, B2 #103	Tenant finish	25,000	Issued	February
Northridge	48555 N Territorial	Interior Remodel	80,000	Issued	March
Troy Design	14425 Sheldon	Concrete base	30,000	Issued	March
Verita Telecommunications	47071 Five Mile	Tenant finish	290,000	Issued	March
Auto Park LLC	45749 Helm	Repave parking lot	25,000	Issued	March
Esco Development	1488 Sheldon	Interior demo	2,500	Issued	March
Remedi SeniorCare	14700 Helm	Tenant finish	1,100,000	Issued	March
Cygnat Automated Cleaning	9120 General	Tenant finish	93,278	Issued	April
Materialise	44650 Helm CT	Interior Remodel	135,000	Issued	April
CNC Global	15150 Cleat ST	Addition	950,000	Issued	April
Ziptanz	1496 Sheldon	Tenant finish	10,500	Issued	April
Plymouth 848 LLC	41100 Plymouth, B2 #115	Interior Remodel	75,000	Issued	April
Zech Engineering	41100 Plymouth B2, #116	Tenant finish	25,000	Issued	April
Mobile Gas Station	14888 Northville RD	Awnings	4,275	Issued	April

Company Name	Property Address	Type of Work	Construction Value	Status	Month
1-800 Self Storage	42360 Ann Arbor Rd	3rd floor finish	99,000	Issued	May
Sound Hearing V	9450 S Main	Tenant finish	20,631	Issued	May
Northridge	49556 N Territorial	Exterior remodel	7,500,000	Issued	May
Halyard Project LLC	47911 Halyard	Lobby remodel	76,420	Issued	May
A2 Energy Services	41100 Plymouth B2, doors	Interior remodel	25,000	Issued	May
Adiant	49200 Halyard	Interior Remodel	5,000,000	Issued	June
First Step	44567 Pinetree	9 entry doors	8,175	Issued	June
Metro Consulting	45345 Five Mile	Interior Remodel	100,000	Issued	June
Jogue	14731 Helm	Exterior remodel	250,000	Issued	June
Hillcrest Apartments	1235 Riseman	12 boiler room doors	14,700	Issued	June
Interstate Batteries	40985 Concept	Interior Remodel	100,000	Issued	June
Shimmy Shack	1440 Sheldon	Tenant finish	65,000	Issued	June
Plymouth Urgent Care Walk In	1498 Sheldon	Tenant finish	25,000	Issued	June
Consolidated PR	46085 Five Mile	Interior Remodel	15,800	Issued	June
Sequis Group LLC	47911 Halyard #120	Tenant finish	26,000	Issued	July
Optimal CAE	47802 Anchor CT	Generator	1,980	Issued	July
Plymouth Village Senior Care	14707 Northville RD	Dumpster	12,000	Issued	July
Kellar Williams	42185 Ann Arbor RD	Tenant finish	3,100	Issued	August
St Kenneth Church	14951 Haggerty RD	Addition	3,575,000	Issued	August
Busch's	15185 Sheldon RD	Remodel	3,500	Issued	August
Sanovo Technology	15180 Keel ST	Remodel	10,000	Issued	August
Cygnat Automated Cleaning	9120 General	Parking Lot	75,535	Issued	September
Jersey Mike's	1500 Sheldon	Tenant finish	125,000	Issued	September
Brembo Brakes	47765 Halyard	Dyno Cell	175,000	Issued	October
Dales & Graphics	41100 Plymouth B2 118	Interior Remodel	10,000	Issued	October
Hock DDS	44560 Ann Arbor RD	Interior demo	54,000	Issued	October
Thompson Foundation	47079 Five Mile	Tenant finish	30,000	Issued	October
Total Construction Value			22,336,965		
Grand Total Construction Value			22,336,965		

Building Department 2018

[illegible]

Residential Housing 2018

Single Family Detached

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	1	1	311,076	2,566
February	2	2	574,985	5,286
March	2	2	666,407	3,335
April	1	1	537,472	4,702
May	1	1	331,175	2,400
June	2	2	700,000	6,501
July	1	1	259,196	1,900
August	3	3	1,283,026	9,757
September	0	0		
October	2	2	884,324	7,477
November	0			
December	0			
Totals	15	15	\$5,567,661	43,904

Single Family Attached (Townhouses/ Row Houses)

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	0			
February	0			
March	0			
April	0			
May	0			
June	0			
July	0			
August	0			
September	0			
October	3	9	2,767,625	21,600
November	0			
December	0			
Totals	3	9	\$ 2,767,625	21,600

Two-Family Buildings (Duplex)

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

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

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

	<u>Total #</u>	<u>Total #</u>	<u>Value</u>	<u>Square</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Construction</u>	<u>Feet</u>
Totals all categories	18	24	\$ 8,335,286	65,504



Revenue Breakdown Report

Page: 1 of 34

11/05/2018

Filter: All Records, Transaction.DateToPostOn in <Previous month> [10/01/18 - 10/31/18] AND
Transaction.TransactionNumber Not = 67,079 AND
Transaction.TransactionNumber Not = 67,078

Unit Totals		
Unit Name	Records	Revenue
	266	256,225.20
TOTAL	266	256,225.20

Record Type Totals		
Unit	Records	Revenue
Permit	266	256,225.20
UNIT TOTAL:	266	256,225.20

Record Type Breakdowns		
Unit		
Record Type: Permit	Records	Revenue
Building	117	96,567.00
Electrical	42	10,189.00
Mechanical	53	9,769.00
Plumbing	37	7,107.00
Sewer & Water	17	132,593.20
TOTAL:	266	256,225.20

123,632.00

Certificate of Occupancy List

10/31/2018

1/1

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF18-0059	ISSUED (FINAL)	FAIRWOOD WEST II	9333 HAGGERTY	CO Date Apply: 10/02/2018	CO Date Finaled: 10/02/2018
Permit Number PB18-0921	Applicant Name FAIRWOOD WEST II		Contractor	Permit Date Apply: 09/26/2018	Permit Date Issued: 0/02/2018
OF18-0060	ISSUED (FINAL)	Plymouth Urgent Care Walk-In	1498 Sheldon RD	CO Date Apply: 10/03/2018	CO Date Finaled: 10/02/2018
Permit Number PB18-0446	Applicant Name ESSCO DEVELOPMENT		Contractor ESSCO DEVELOPMENT	Permit Date Apply: 05/23/2018	Permit Date Issued: 6/21/2018
OF18-0061	ISSUED (FINAL)	EMSL Analytical	15111 NORTHVILLE RD	CO Date Apply: 10/04/2018	CO Date Finaled: 10/04/2018
Permit Number PB18-0929	Applicant Name EMSL Analytical		Contractor	Permit Date Apply: 09/28/2018	Permit Date Issued: 0/04/2018
OF18-0062	ISSUED (FINAL)	SRS Distribution/ Superior Dist	39600 SCHOOLCRAFT	CO Date Apply: 10/05/2018	CO Date Finaled: 10/05/2018
Permit Number PB18-0803	Applicant Name SRS Distribution/ Superior Distribution		Contractor	Permit Date Apply: 08/24/2018	Permit Date Issued: 0/05/2018
OF18-0063	ISSUED (FINAL)	HAMAWI, YOUSEF/HAIFAA	12823 MYSTIC FOREST D	CO Date Apply: 10/17/2018	CO Date Finaled: 10/17/2018
Permit Number PB16-0607	Applicant Name Dokan Construction INC		Contractor Dokan Construction INC	Permit Date Apply: 07/20/2016	Permit Date Issued: 6/10/2016
OF18-0064	ISSUED (FINAL)	MICHAEL PEPPARD & TER	51300 N Territorial	CO Date Apply: 10/24/2018	CO Date Finaled: 10/23/2018
Permit Number PB17-0634	Applicant Name MICHAEL PEPPARD & TERRI TOCCO		Contractor	Permit Date Apply: 07/10/2017	Permit Date Issued: 7/10/2017
OF18-0065	ISSUED (FINAL)	STILE HOMES LLC	40384 FERGUSON	CO Date Apply: 10/24/2018	CO Date Finaled: 10/23/2018
Permit Number PB18-0116	Applicant Name Stile Homes LLC		Contractor Stile Homes LLC	Permit Date Apply: 02/26/2018	Permit Date Issued: 3/09/2018

All Records

Co.DateFinaled Between 10/1/2018 12:00:00 AM AND

10/31/2018 11:59:59 PM AND

Co.Status = ISSUED (FINAL)

Number of CofO's: 7

Temporary Certificates of Occupancy

Date	Address	Occupant	Category	Permit
October 19, 2018	13505 Haggerty RD	LOC Performance	Commercial	PB17-0595

Certificates of Occupancy and Re-Occupancy
Plymouth Township
October 2018*
WTUA

Address	Business Name	Business	Type of work	Business Forms Given Out	
				Yes	No
39600 Schoolcraft	SRS Distribution	Re-occupancy	Distribution Center	X	
9333 Haggerty	The Lash Station	Re-occupancy	Eye lash salon	X	
15111 Northville rd	EMSL Analytical Inc	Re-occupancy	Environmental testing lab	X	
1498 Sheldon Rd	Plymouth Urgent Care	Tenant Finish	Urgent Care facility		X



Plymouth Township Fire Department

Monthly Report

October 2018

Response Information:

The Plymouth Township Fire Department responded to **270** emergencies this month.

There was an average of **8.7** runs per day this month.

PTFD's average response time was **6 minutes, 14 seconds** to the scene. This includes all responses including non-emergent.

Mutual Aid:

Plymouth Township Fire Department is a member of the Western Wayne County Mutual Aid Association and we provided mutual aid **16** times this month and received mutual aid **12** times.

EMS Information:

There were **138** patients transported this month.

HVA transported **108** patients to the hospital.

Plymouth Township Fire transported **30** patients to the hospital.

The remainder of **43** patients were not transported for various reasons.

Plymouth transports billed out **\$21,852.60** this month, received **\$10,019.87** and have **\$50,330.01** in outstanding bills.

Fire Loss:

There were **3** fires this month that accounted for **\$50.00** worth of damage to possessions and property. We prevented the destruction of **\$60,000,603.00** in property.

Fire Prevention:

Plymouth Township Fire Department provided **47** comprehensive fire inspections to businesses within Plymouth Township.

Fire Safety public education classes in CPR, Fire Extinguisher and Fire Safety are provided throughout the year.

This month, the department conducted **11** fire safety talks to a total of **1,923** participants.

Reports Included:

CLEMIS Reports

Incidents Section

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

Local Section

- Fire Department Response Times
 - Turnout Time
 - Response Time

Health EMS

Agency Productivity

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

Inspection Report

Total count for Public Education – Review Fire Modules Calendar

Incident Type Count

For Dates 10/1/18 - 10/31/18



Incident Type and Description	Count	% Type / % Total
112 - Fires in structures other than in a building	1	33.33 %
113 - Cooking fire, confined to container	1	33.33 %
118 - Trash or rubbish fire, contained	1	33.33 %
Total - Fires	3	1.11 %
321 - EMS call, excluding vehicle accident with injury	178	86.41 %
322 - Vehicle accident with injuries	23	11.17 %
324 - Motor vehicle accident with no injuries	5	2.43 %
Total - Rescue & Emergency Medical Service Incidents	206	76.30 %
400 - Hazardous condition, other	1	10.00 %
410 - Flammable gas or liquid condition, other	1	10.00 %
411 - Gasoline or other flammable liquid spill	2	20.00 %
412 - Gas leak (natural gas or LPG)	2	20.00 %
424 - Carbon monoxide incident	1	10.00 %
440 - Electrical wiring/equipment problem, other	1	10.00 %
441 - Heat from short circuit (wiring), defective/worn	1	10.00 %
463 - Vehicle accident, general cleanup	1	10.00 %
Total - Hazardous Conditions (No fire)	10	3.70 %
554 - Assist invalid	5	83.33 %
561 - Unauthorized burning	1	16.67 %
Total - Service Call	6	2.22 %
600 - Good intent call, other	2	8.70 %
611 - Dispatched & cancelled en route	17	73.91 %
6111 - Hospice Death	1	4.35 %
611E - EMS: Dispatched & cancelled en route	1	4.35 %
622 - No incident found on arrival at dispatch address	1	4.35 %
631 - Authorized controlled burning	1	4.35 %
Total - Good Intent Call	23	8.52 %
700 - False alarm or false call, other	6	28.57 %
730 - System malfunction, other	1	4.76 %
732 - Extinguishing system activation due to malfunction	1	4.76 %
735 - Alarm system sounded due to malfunction	3	14.29 %
736 - CO detector activation due to malfunction	2	9.52 %
740 - Unintentional transmission of alarm, other	2	9.52 %
743 - Smoke detector activation, no fire - unintentional	1	4.76 %
744 - Detector activation, no fire - unintentional	1	4.76 %
745 - Alarm system sounded, no fire - unintentional	1	4.76 %
746 - Carbon monoxide detector activation, no CO	3	14.29 %

Incident Type Count

Incident Type and Description	Count	% Type / % Total
Total - False Alarm & False Call	21	7.78 %
9001 - Dispatch Error	1	100.00 %
Total - Special Incident Type	1	0.37 %
	270	

Listing of Mutual Aid Responses by Mutual Aid Department and Incident Type



Time Period: 10/1/18 - 10/31/18

No Mutual Aid Department Entered

For Incident Types Beginning: 1

Mutual aid received (1)

180002307	10/6/18 11:54:38PM	112	43850 PLYMOUTH OAKS BLVD
-----------	--------------------	-----	--------------------------

Subtotal Mutual aid received

1

Subtotal Incident Types Beginning with 1

1

For Incident Types Beginning: 3

Mutual aid received (1)

180002284	10/3/18 5:45:24PM	321	41375 IVYWOOD LN
180002308	10/7/18 1:39:19AM	321	10361 TRAILWOOD RD
180002332	10/10/18 11:15:21AM	321	44841 W ANN ARBOR RD
180002477	10/27/18 2:31:03PM	324	STATE HWY
180002484	10/28/18 12:39:51PM	322	STATE HWY

Subtotal Mutual aid received

5

Mutual aid given (3)

180002297	10/5/18 9:46:50AM	321	44349 CYPRESS POINT DR
180002350	10/12/18 1:19:20PM	321	7025 N LILLEY
180002361	10/13/18 6:10:55PM	321	1600 S CANTON CENTER
180002368	10/14/18 8:46:59PM	321	1600 S CANTON CENTER
180002434	10/21/18 8:50:04PM	321	8279 ALTON
180002438	10/22/18 9:33:23AM	321	7025 N LILLEY
180002446	10/23/18 2:25:13PM	321	7025 N LILLEY
180002447	10/23/18 3:52:28PM	322	HANFORD
180002462	10/25/18 7:39:41PM	321	41600 SIX MILE RD
180002481	10/27/18 10:01:31PM	322	SEVEN MILE RD
180002482	10/27/18 10:44:09PM	321	44903 ASPEN RIDGE DR
180002493	10/29/18 6:58:33AM	321	19577 CLEMENT RD

Subtotal Mutual aid given

12

Subtotal Incident Types Beginning with 3

17

Time Period: 10/1/18 - 10/31/18

For Incident Types Beginning: 4

Mutual aid received (1)

180002258 10/1/18 12:39:38PM 411 W M-14 HWY

Subtotal Mutual aid received 1

Mutual aid given (3)

180002259 10/1/18 3:39:06PM 400 N M5

Subtotal Mutual aid given 1

Subtotal Incident Types Beginning with 4 2

For Incident Types Beginning: 6

Mutual aid received (1)

180002271 10/2/18 1:39:15PM 611 14118 MEADOW HILL LN

Subtotal Mutual aid received 1

Subtotal Incident Types Beginning with 6 1

For Incident Types Beginning: 7

Mutual aid received (1)

180002337 10/10/18 2:19:35PM 740 14540 JIB

180002376 10/15/18 2:48:25PM 743 14707 NORTHVILLE RD

Subtotal Mutual aid received 2

Automatic aid given (4)

180002496 10/29/18 3:12:30PM 730 105 HAGGERTY RD

Subtotal Automatic aid given 1

Subtotal Incident Types Beginning with 7 3

24

Department: Canton Twp FD

For Incident Types Beginning: 3

Mutual aid given (3)

180002323 10/9/18 12:32:43PM 321 08204 45300 CHERRY HILL

Subtotal Mutual aid given 1

Subtotal Incident Types Beginning with 3 1

Subtotal Canton Twp FD 1

Department: City of Northville FD

For Incident Types Beginning: 3

Mutual aid received (1)

180002272 10/2/18 3:19:35PM 322 08232 W ANN ARBOR RD

Time Period: 10/1/18 - 10/31/18

Subtotal Mutual aid received 1

Subtotal Incident Types Beginning with 3 1

Subtotal City of Northville FD 1

Department: Northville Twp FD

For Incident Types Beginning: 3

Mutual aid received (1)

180002282 10/3/18 5:19:29PM 322 08255 FIVE MILE RD

Subtotal Mutual aid received 1

Mutual aid given (3)

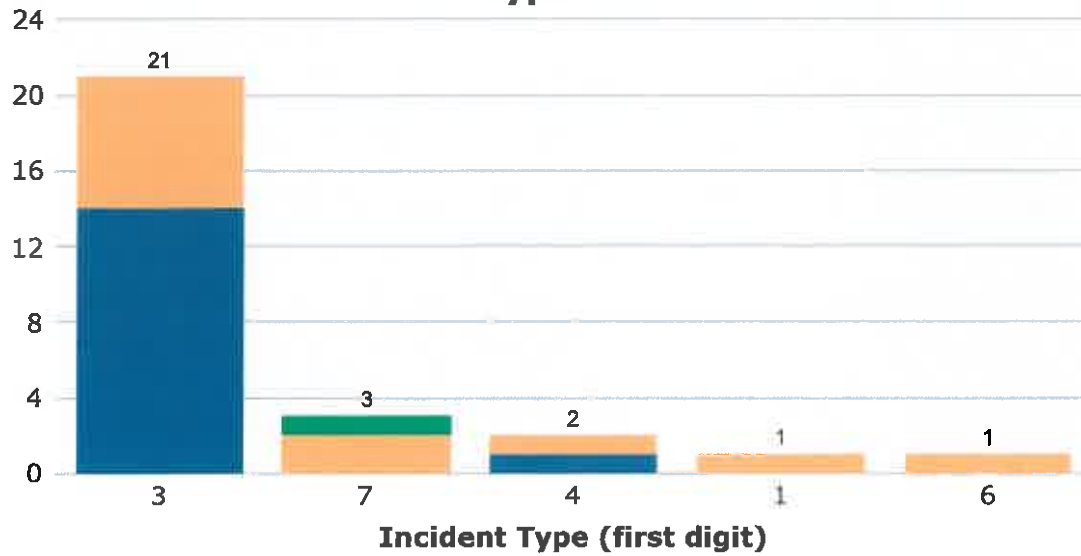
180002405 10/18/18 5:07:21PM 321 08255 16700 FRANKLIN RD

Subtotal Mutual aid given 1

Subtotal Incident Types Beginning with 3 2

Subtotal Northville Twp FD 2

Mutual Aid Incidents by Incident Type and Mutual Aid Type

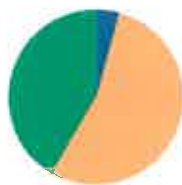


Automatic aid given Mutual aid received Mutual aid given

Total 28

Total Incidents less those Cancelled Enroute 27

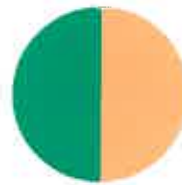
Mutual Aid Incidents by Department



08232



08204



08255

Automatic aid given Mutual aid given Mutual aid received

Municipal Response Times Report

For Dates Beginning 10/1/18 Ending 10/31/18

Incident Types selected for analysis: All

For All Priority Types



Time in Minutes	Alarm to Dispatch	Percent Total	Cumulative		Dispatch to Enroute	Percent Total	Cumulative		Enroute to Arrival	Percent Total	Cumulative		Alarm to Arrival	Percent Total	Cumulative		Dispatch to Arrival	Percent Total	Cumulative	
			Responses	Percent			Responses	Percent			Responses	Percent			Responses	Percent			Responses	Percent
0 - 1	159	60.23	159	60.23	84	34.01	84	34.01	13	5.46	13	5.46	3	1.21	3	1.21	5	2.02	5	2.02
1 - 2	89	33.71	248	93.94	101	40.89	185	74.90	19	7.98	32.00	13.45	4	1.62	7.00	2.83	11	4.45	16	6.48
2 - 3	12	4.55	260	98.48	50	20.24	235	95.14	32	13.45	64.00	26.89	11	4.45	18.00	7.29	12	4.86	28	11.34
3 - 4	3	1.14	263	99.62	6	2.43	241	97.57	33	13.87	97.00	40.76	12	4.86	30.00	12.15	25	10.12	53	21.46
4 - 5	1	0.38	264	100.00	2	0.81	243	98.38	43	18.07	140.00	58.82	27	10.93	57.00	23.08	36	14.57	89	36.03
5 - 6	0	0.00	264	100.00	1	0.40	244	98.79	30	12.61	170.00	71.43	32	12.96	89.00	36.03	35	14.17	124	50.20
6 - 7	0	0.00	264	100.00	2	0.81	246	99.60	33	13.87	203.00	85.29	35	14.17	124.00	50.20	34	13.77	158	63.97
7 - 8	0	0.00	264	100.00	0	0.00	246	99.60	11	4.62	214.00	89.92	36	14.57	160.00	64.78	26	10.53	184	74.49
8 - 9	0	0.00	264	100.00	0	0.00	246	99.60	9	3.78	223.00	93.70	30	12.15	190.00	76.92	27	10.93	211	85.43
9 - 10	0	0.00	264	100.00	0	0.00	246	99.60	4	1.68	227.00	95.38	26	10.53	216.00	87.45	14	5.67	225	91.09
10 +	0	0.00	264	100.00	1	0.40	247	100.00	11	4.62	238.00	100.00	31	12.55	247.00	100.00	22	8.91	247	100.00

Incident
Total:

264

Average Times per Incident

Average PSAP Processing Time: 0 minute(s) 53 second(s)
(Alarm to Dispatch)

Percent less than or equal to 60 Seconds: 60.23

Percent less than or equal to 90 Seconds: 84.09

Average Fire Department Turn Out Time: 1 minute(s) 32 second(s)
(Dispatch to Enroute)

Average Fire Department Turn Out and Travel Time: 6 minute(s) 14 second(s)
(Dispatch to Arrive)

Average Municipal Response Time: 7 minute(s) 9 second(s)
(Alarm to Arrive)

Percentile Response Times in Accordance with NFPA Standards

PSAP Processing Time less than 60 seconds: 60.23%
(Alarm to Dispatch)

Fire Department Turn Out Time less than 60 seconds: 34.01%
(Dispatch to Enroute)

Fire Department Travel Time less than 4 minutes: 40.76%
(Enroute to Arrive)

Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Service Date: From 10/01/2018 Through 10/31/2018

Total Number of ePCR's: 181

Total Number of Incidents: 170

By Branch

01 Station 1 = 73

02 Station 2 = 24

03 Station 3 = 84

Run Disposition

	#	%		#	%
Treated/Transported	30	16.6%	Dead Prior To Arrival	3	1.7%
Treated / Transferred Care	108	59.7%	Dead After Arrival	N/A	N/A
Treated/No Transport (AMA)	34	18.8%	Treat/Transported by Private Veh.	N/A	N/A
Treated / No Transport (Per Protocol)	N/A	N/A	Assist	1	0.6%
Transported / Refused Care	N/A	N/A	Other	5	2.8%
No Transport / Refused Care	N/A	N/A	No Patient Found	N/A	N/A
Cancelled	N/A	N/A			
Left Blank	N/A	N/A			

Run Type

	#	%		#	%
Emergency Runs	137	75.7%	Non-Emergency Runs	1	0.6%
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	5	2.8%	Mutual Aid	N/A	N/A
Interfacility	N/A	N/A	Interfacility	N/A	N/A
Intercept	N/A	N/A	Intercept	N/A	N/A

Emergency Runs (Scheduled)

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

Emergency Type Left Blank: 43

Runs by Unit

Unit	Total Runs	Treat/Transp	Treat/Transfer	Treat/No Transp(AMA)	Treat/No Transp(PP)	Transp/Ref. Care	Cancelled	Dead Prior Arr	Dead After Arr	T/T Priv Veh	No Trans/Ref. Care	Assist	Other	No Pat. Found
ENG1	4	0	0	1	0	0	0	0	0	0	0	0	3	0
RES1	55	9	38	5	0	0	0	2	0	0	0	0	1	0
RES2	39	5	26	7	0	0	0	1	0	0	0	0	0	0
RES3	82	16	44	21	0	0	0	0	0	0	0	0	1	0
UTL1	1	0	0	0	0	0	0	0	0	0	0	1	0	0
Total	181	30	108	34	0	0	0	3	0	0	0	1	5	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	9	5.0%	BLS	137	75.7%
ALS	172	95.0%	ALS1	42	23.2%
SCT	N/A	N/A	ALS2	2	1.1%
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

Runs by Insurance Type with Service Level (Multiple insurance types may have

been marked on a run)

Type	BLS	%	ALS1	%	ALS2	%	SCT	%Rotary Wing	%Fixed Wing	%	Total	%
Auto Ins.	5	2.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	2.8%
Medicare	1	0.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	0.6%
None	134	74.0%	42	23.2%	2	1.1%	N/A	N/A	N/A	N/A	178	98.3%

Runs by Primary PI (Note - Primary PI is based on the ICD-10 priority setup in HealthEMS)

Description	#	%
Abdominal Pain	7	3.9%
Allergic Reaction	3	1.7%
Alt. Level Conscious	12	6.6%
Anxiety	8	4.4%
Asthma Symptoms	2	1.1%
Back Pain (No Trauma)	5	2.8%
CVA/Stroke	2	1.1%
Cardiac Arrest	3	1.7%
Cardiac Symptoms	2	1.1%
Chest Pain	10	5.5%
Diabetic Symptoms	4	2.2%
Dizziness	8	4.4%
Dyspnea-SOB	12	6.6%
Flu Symptoms	4	2.2%
GI -Bleed	2	1.1%
GI -Constipation	1	0.6%
Headache (no trauma)	1	0.6%
Hemorrhage-(severe medical)	2	1.1%
Monitoring Required	3	1.7%
Nausea	4	2.2%
No Medical Problem	5	2.8%
Nose Bleed	2	1.1%
Obvious Death	1	0.6%
Post-Op Complication	1	0.6%
Psychiatric Emerg.	6	3.3%
Respiratory Arrest	1	0.6%
Seizure	4	2.2%
Syncope/Fainting	6	3.3%
Trauma Injury	23	12.7%
Unconscious	2	1.1%
Unknown Medical	6	3.3%
Urination Problem	1	0.6%
Vomiting	2	1.1%
Vomiting Blood	1	0.6%
Weakness	19	10.5%
Left Blank	6	3.3%
Total	181	100.0%

Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	6	3.3%
10 Chest Pain [non-traumatic]	11	6.1%
12 Convulsions/Seizures	4	2.2%
13 Diabetic	2	1.1%
17 Falls	28	15.5%
18 Headache	2	1.1%
19 Heart Problems A.I.D.C	1	0.6%
2 Allergies/Envenomations	2	1.1%
21 Hemorrhage/Lacerations	4	2.2%
23 Overdose/poisoning	5	2.8%
25 Psychiatric/Abnormal behavior/Suicide Attempt	10	5.5%
26 Sick Person	31	17.1%
28 Stroke [CVA]	3	1.7%
29 Traffic/Accidents	30	16.6%
30 Traumatic Injuries	5	2.8%
31 Unconscious/Fainting	13	7.2%
32 Unknown Problem	4	2.2%
5 Back Pain	2	1.1%
6 Breathing Problems	12	6.6%
88 Not applicable	3	1.7%
9 Cardiac or Respiratory Arrest/Death	2	1.1%
99 Unknown	1	0.6%
<i>Left Blank</i>	0	0.0%
<i>Total</i>	181	100.0%

Transport From (Category)

	#	%
--Left Blank--	181	100.0%
Total	181	100.0%

Transport From (Facility)

	#	%
--Left Blank--	181	100.0%
Total	181	100.0%

Transport To (Destination Facility)

	#	%
St Mary Livonia ER	103	56.9%
--Left Blank--	43	23.8%
UNIVERSITY OF MICHIGAN ER	13	7.2%
St Joe Ann Arbor ER	9	5.0%
Providence Park ER-Novi	8	4.4%
Henry Ford West Bloomfield	3	1.7%
Beaumont Farmington Hills (Botsford)	1	0.6%
C.S. Mott Children's Hospital	1	0.6%
Total	181	100.0%

Charge Summary

PLYMOUTH MONTHLY CHARGE REPORT

Summary By Charge Code - Code Description

<u>ID</u>	<u>Description</u>	<u>QTY</u>	<u>QTY %</u>	<u>Charge Count</u>	<u>Charge Count %</u>	<u>Charges</u>	<u>Total Charges %</u>
0427	ALS EMERGENCY	19	7.61	19	28.79	12350.00	56.52
0433	ALS II EMERGENCY	1	0.40	1	1.52	800.00	3.66
0429	BLS EMERGENCY	11	4.40	11	16.67	5000.00	22.88
0425MC	CMS MILEAGE	65.8	26.34	9	13.64	789.60	3.61
0425	MILEAGE	149	59.65	22	33.33	1788.00	8.18
MVA	MOTOR VEHICLE ACCIDENT	4	1.60	4	6.06	1125.00	5.15
Totals For All		249.8		66		21852.60	

Credit Summary

Summary By Credit As - Code Description

PLYMOUTH MONTHLY CREDIT REPORT

<u>ID</u>	<u>Description</u>	<u>Credits</u>	<u>QTY %</u>	<u>Amount</u>	<u>Amount %</u>
2	Adjustment	10	18.18	1705.18	17.02
1	Other Payment	18	32.73	3789.44	37.82
6	Patient Payment	11	20.00	1901.57	18.98
5	Write Off	16	29.09	2623.68	26.18
Totals For All		55		10019.87	

Aging Summary

PLYMOUTH MONTHLY AGING REPORT

Report As Of October 31, 2018

Grouped By Schedule on Call

<u>ID</u>	<u>Description</u>	<u>Calls</u>	<u>Current</u>	<u>31 to 60</u>	<u>61 to 90</u>	<u>91 to 120</u>	<u>121 to 150</u>	<u>151 to 180</u>	<u>Over 180</u>	<u>Total</u>
1MRP	PAPER - MEDICARE	1	310.00	0.00	0.00	0.00	0.00	0.00	0.00	310.00
BCBS	ELECT BCBS	3	2166.00	0.00	0.00	0.00	0.00	0.00	0.00	2166.00
CARE	ELECT - MEDICARE	1	0.00	0.00	0.00	782.00	0.00	0.00	0.00	782.00
CAREBL	ELECT MEDICARE PI	1	0.00	820.40	0.00	0.00	0.00	0.00	0.00	820.40
COMP	PAPER WORK COMP	1	0.00	0.00	770.00	0.00	0.00	0.00	0.00	770.00
FIREINS	FIRE RECOVERY 15C	1	0.00	125.00	0.00	0.00	0.00	0.00	0.00	125.00
INSU	PAPER INS PRIMARY	2	710.00	722.00	0.00	0.00	0.00	0.00	0.00	1432.00
NEIC	ELECT INS NEIC	3	0.00	351.61	0.00	596.00	0.00	584.00	0.00	1531.61
NEICCAID	ELECT MEDICAID NE	3	1993.20	0.00	0.00	0.00	0.00	0.00	0.00	1993.20
PCAR	PAPER MEDICARE	2	686.00	566.00	0.00	0.00	0.00	0.00	0.00	1252.00
PRIV	REQUEST PRIVATE F	3	2004.00	0.00	0.00	0.00	0.00	0.00	0.00	2004.00
PRV2	PAPER - PRIVATE PA	42	12862.06	6008.00	2157.41	1327.85	0.00	0.00	672.00	23027.34
REVIEW	REVIEW	10	0.00	953.00	0.00	1956.00	0.00	81.63	950.05	3940.68
SINS	PAPER INS SECOND.	3	0.00	0.00	0.00	96.91	0.00	111.50	50.37	258.78
TIME	TIME PAY ACCOUNT	3	0.00	0.00	696.00	0.00	100.00	675.00	0.00	1471.00
U	MHR HOLD FOR MHF	28	0.00	0.00	0.00	0.00	0.00	0.00	8136.00	8136.00
ZIRCAID	ELECT MEDICAID ZIF	1	310.00	0.00	0.00	0.00	0.00	0.00	0.00	310.00
Totals		108	21041.28	9546.01	3623.41	4758.76	100.00	1452.13	9808.42	50330.01

Incident Summary by Incident Type

For Dates: 10/1/18 - 10/31/18



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
No Shift Entered				
No Station Entered				
Rescue & Emergency Medical Service Incidents	2	207,982:50:39	\$ 0.00	\$ 0.00
Total for No Station Entered	2	207,982:50:39	\$ 0.00	\$ 0.00
Total for No Shift Entered	2.00	207,982:50:39	\$ 0.00	\$ 0.00
Shift: A				
Station: MA				
Hazardous Conditions (No fire)	1	00:05:08	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:05:08	\$ 0.00	\$ 0.00
Station: ST1				
Fires	2	00:08:55	\$ 50.00	\$ 375,000.00
Rescue & Emergency Medical Service Incidents	22	00:07:52	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:13:01	\$ 0.00	\$ 0.00
Good Intent Calls	4	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:02:49	\$ 0.00	\$ 0.00
Total for Station: ST1	31	00:06:46	\$ 50.00	\$ 375,000.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	15	00:06:37	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:06:22	\$ 0.00	\$ 0.00
Total for Station: ST2	18	00:06:14	\$ 0.00	\$ 0.00
Station: ST3				
Fires	1	00:09:32	\$ 0.00	\$ 60,000,603.00
Rescue & Emergency Medical Service Incidents	32	00:07:47	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:10:13	\$ 0.00	\$ 0.00
False Alarm & False Calls	4	00:07:40	\$ 0.00	\$ 0.00
Total for Station: ST3	39	00:07:56	\$ 0.00	\$ 60,000,603.00
Total for Shift: A	89.00	00:07:09	\$ 50.00	\$ 60,375,603.00
Shift: B				
Station: MA				
Rescue & Emergency Medical Service Incidents	1	00:09:44	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: MA	2	00:04:52	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	23	00:07:01	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:05:15	\$ 0.00	\$ 0.00
Service Calls	1	00:06:07	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:03:46	\$ 0.00	\$ 0.00

Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: ST1	28	00:06:27	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	15	00:06:17	\$ 0.00	\$ 0.00
Service Calls	1	00:07:17	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:05:36	\$ 0.00	\$ 0.00
Total for Station: ST2	17	00:06:18	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	33	00:07:48	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:08:35	\$ 0.00	\$ 0.00
Good Intent Calls	6	00:04:25	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:07:34	\$ 0.00	\$ 0.00
Total for Station: ST3	44	00:07:22	\$ 0.00	\$ 0.00
Total for Shift: B	91.00	00:06:50	\$ 0.00	\$ 0.00
Shift: C				
Station: MA				
Rescue & Emergency Medical Service Incidents	2	00:08:53	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: MA	3	00:05:55	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	26	00:05:18	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:03:50	\$ 0.00	\$ 0.00
Service Calls	1	00:06:34	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:05:01	\$ 0.00	\$ 0.00
Total for Station: ST1	33	00:05:04	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	12	00:05:26	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:11:13	\$ 0.00	\$ 0.00
Total for Station: ST2	16	00:05:29	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	23	00:06:51	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:15:17	\$ 0.00	\$ 0.00
Service Calls	3	00:07:36	\$ 0.00	\$ 0.00
Good Intent Calls	7	00:02:59	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:09:28	\$ 0.00	\$ 0.00
Total for Station: ST3	36	00:06:32	\$ 0.00	\$ 0.00
Total for Shift: C	88.00	00:05:46	\$ 0.00	\$ 0.00
Total	270.00	1,540:43:22	\$ 50.00	\$ 60,375,603.00

Inspection Volume

11/16/2018 11:12:56 AM

Filters:

- Inspection Source: **Internal Department Only**
- Start Date: **10/1/2018 12:00:00 AM**
- End Date: **10/31/2018 11:59:59 PM**
- Inspector: **-all-**
- Occupancy Type: **-all-**
- IFC Occupant Class: **-all-**
- Occupancy Number: **-all-**
- Zip Code: **-all-**
- Address: **-all-**
- Street Name: **-all-**
- Inspection Type: **-all Fire Safety types-**
- Section Number: **-all-**

Volume by Inspector

Conroy, William	# of Inspections ¹	Violations Cited	Occupant Sq. Ft.
Annual ^{FS}	16		34,536
Semi-Annual (twice a year) ^{FS}	3		9,700
3-Year ^{FS}	5		47,972
Final - Occupancy ^{FS}	5		0
Fire Alarm Test ^{FS}	1		50,000
Freedom of Information ^{FS}	2		0
Hydromatic Test ^{FS}	1		50,000
Plan Review ^{FS}	3		0
Re-inspect ^{FS}	5		268,954
Annual (2)			
2-Year (1)			
3-Year (1)			
Reoccupancy (1)			
Total 5 ³			
Reoccupancy ^{FS}	2		12,600
Site Plan ^{FS}	2		0
Special Event ^{FS}	1		200,000
Suppression System ^{FS}	1		27,000
Total	47	8	700,762

Totals

	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
Annual ^{FS}	16				34,536
Semi-Annual (twice a year) ^{FS}	3				9,700
3-Year ^{FS}	5				47,972
Final - Occupancy ^{FS}	5				0
Fire Alarm Test ^{FS}	1				50,000
Freedom of Information ^{FS}	2				0
Hydromatic Test ^{FS}	1				50,000
Plan Review ^{FS}	3				0
Re-inspect ^{FS}	5				268,954
Reoccupancy ^{FS}	2				12,600
Site Plan ^{FS}	2				0
Special Event ^{FS}	1				200,000
Suppression System ^{FS}	1				27,000
Total⁵	47	8	0	8	700,762

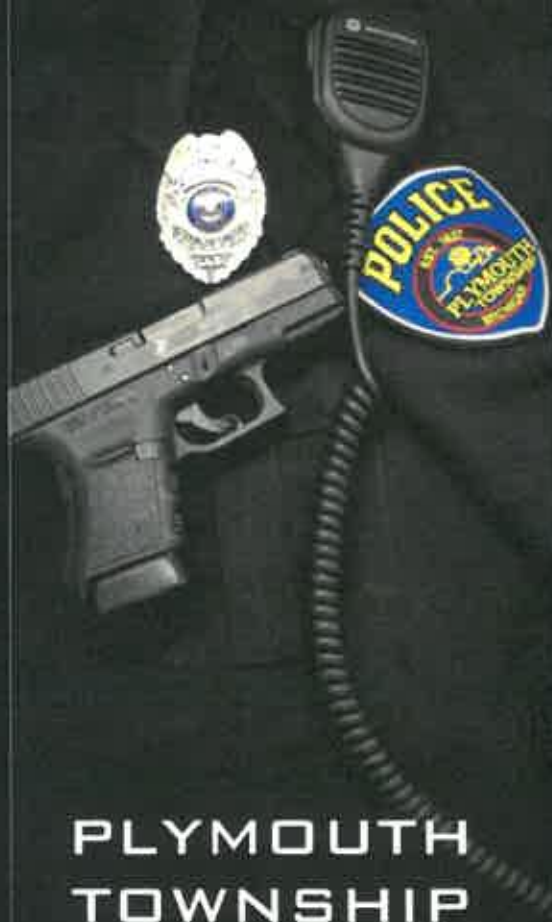
¹This is actually a count for the inspection type. A single inspection with two types will total as two not one.

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

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

^{FS}Fire Safety Inspection.

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



PLYMOUTH
TOWNSHIP
POLICE

2018 MONTHLY REPORTS

OCTOBER

WWW.PLYMOUTHWP.ORG

PART-ONE CRIMES

January 1, 2018 through December 31, 2018

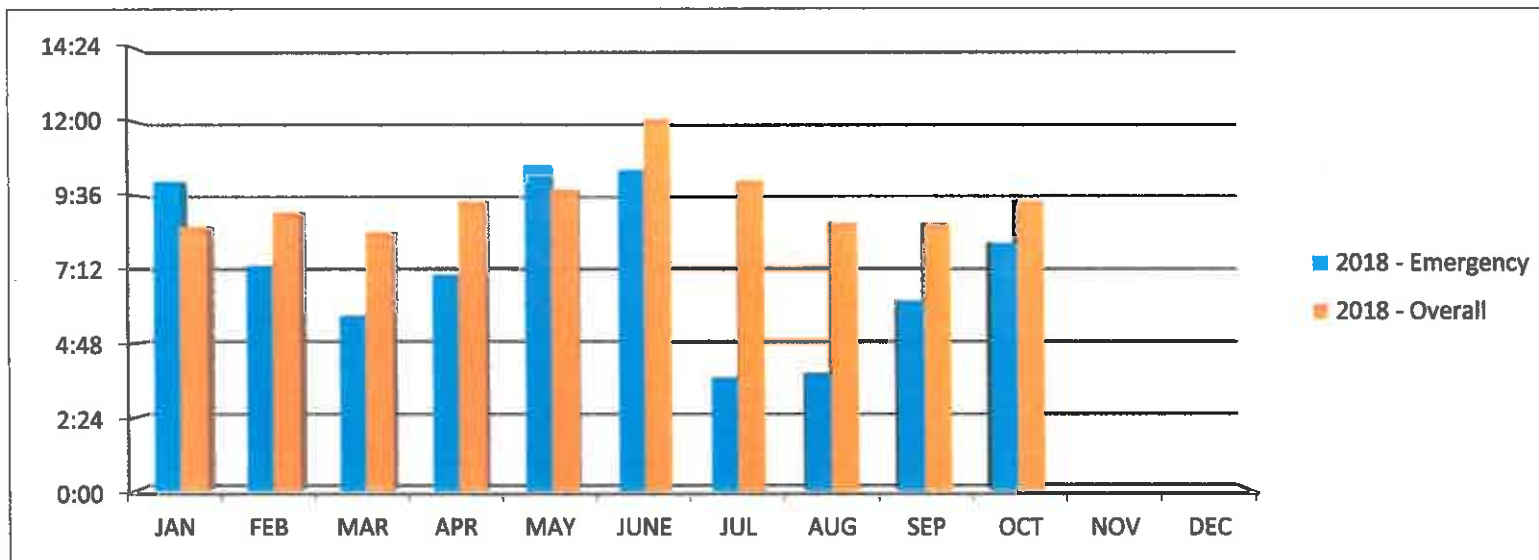
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Murder	0	0	0	0	0	0	0	0	0	0			0
CSC	1	1	0	0	1	0	1	0	4	1			9
Robbery	0	0	1	0	1	0	0	0	0	0			2
Aggravated Assault	0	0	3	0	1	0	1	2	2	3			12
Burglary	1	0	1	0	1	5	2	1	1	2			14
Larceny	7	5	1	9	22	13	14	14	9	15			109
Auto Theft	1	1	0	1	0	3	0	2	0	3			11
Arson	0	0	0	0	0	0	0	0	0	0			0
Retail Fraud	1	0	2	0	1	0	2	1	1	0			8
Total	11	7	8	10	27	21	20	20	17	24			165

CALLS FOR SERVICE

2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Part A Crimes	47	40	35	33	53	50	48	48	42	53			449
All Other Crimes	97	78	99	45	105	108	95	117	111	88			943
Total	144	118	134	78	158	158	143	165	153	141			

RESPONSE TIME

2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC
2018 - Emergency	10:04	7:20	5:41	7:03	10:34	10:26	3:39	3:48	6:10	8:03		
2018 - Overall	8:35	9:03	8:24	9:24	9:48	12:06	10:05	8:42	8:40	9:25		



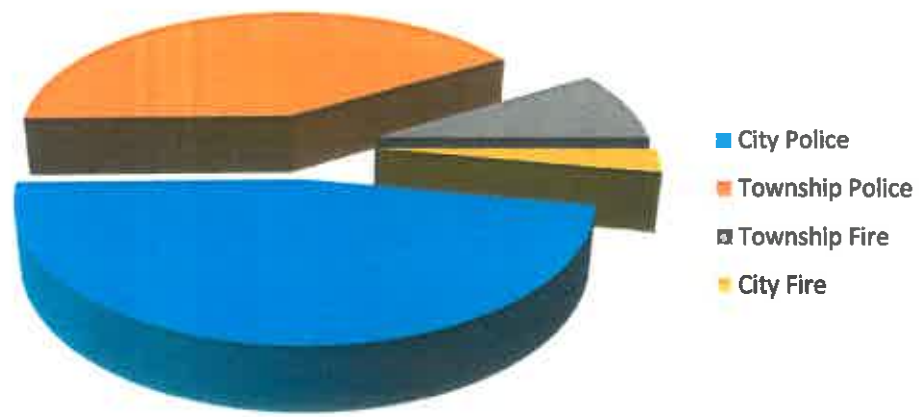
DISPATCH CENTER

2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,177	1,028	1,124	1,169	1,243	1,329	1,400	1,284					9,754
# of Non-Emergency Calls	2,696	2,571	2,637	2,487	2,816	2,705	2,883	2,692	2,576	2,576			26,639
Total													

POLICE AND FIRE RESPONSE

2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	1,500	1,231	1,408	1,226	1,483	1,350	1,401	1,321	1,400	1,448			13,768
Township Police	1,248	976	1,218	1,107	1,333	1,331	1,285	1,346	1,245	1,179			12,268
Township Fire	273	232	262	227	249	224	269	239	275	271			2,521
City Fire	77	81	78	74	86	70	98	80	87	89			820
Total	3,098	2,520	2,966	2,634	3,151	2,975	3,053	2,986	3,007	2,987			29,377

Calls for Service YTD



TRAFFIC ACCIDENT SUMMARY

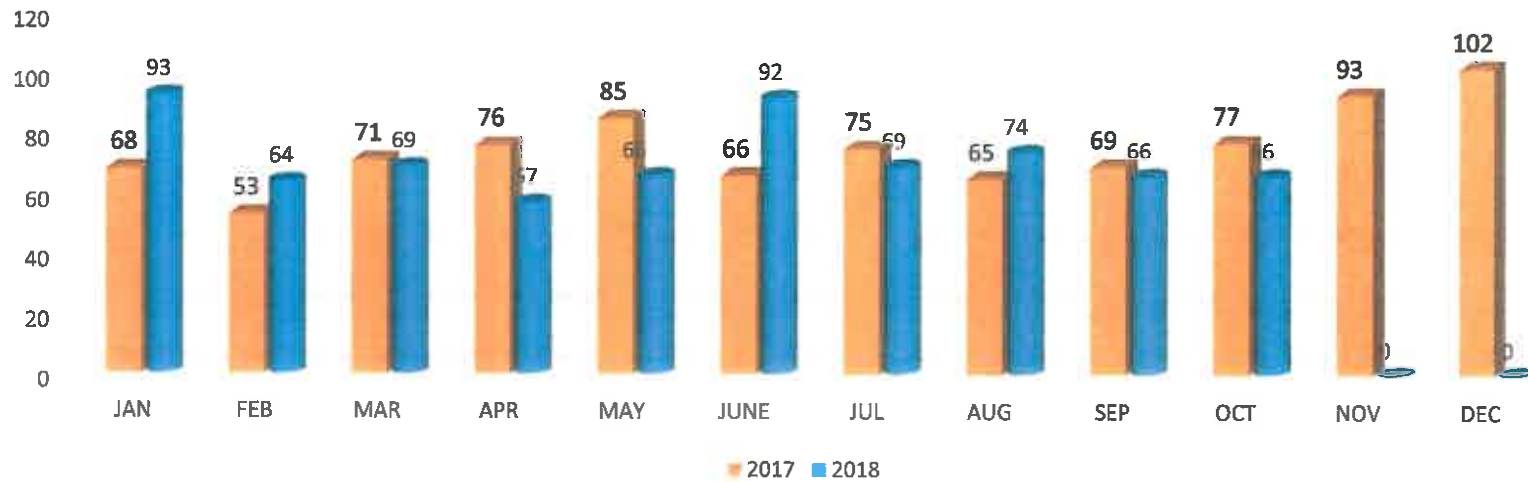
JANUARY 1, 2018 THROUGH DECEMBER 31, 2018

2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Fatal	0	0	0	0	0	0	0	0	0	0			0
Personal Injury	12	9	7	13	3	8	14	7	9	9			91
Property Damage	68	44	49	34	47	61	40	47	49	43			482
Private Property	13	11	13	10	16	22	15	20	8	14			142
Hit and Run	0	0	0	0	0	1	0	0	0	0			1
Total	93	64	69	57	66	92	69	74	66	66	0	0	716

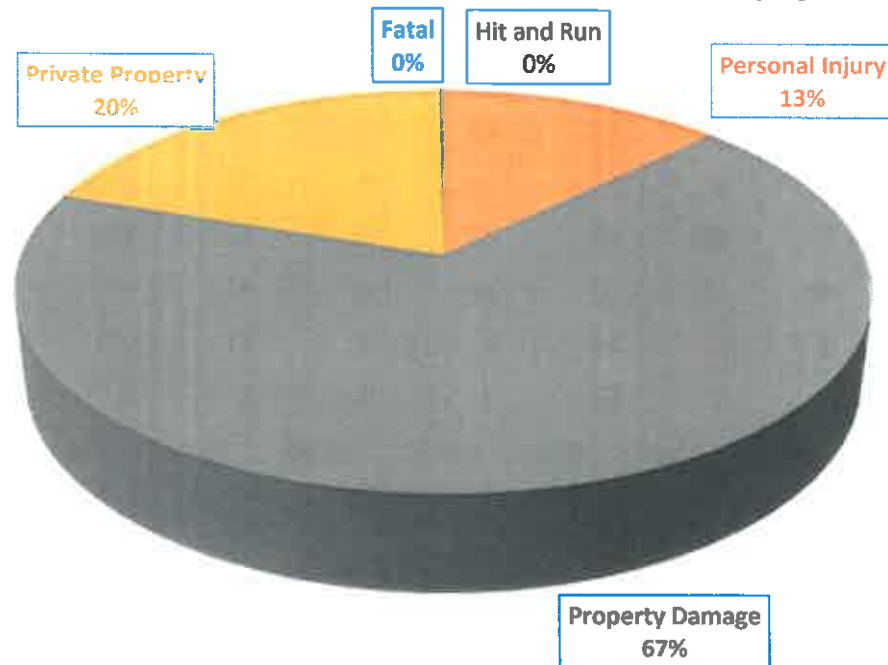
JANUARY 1, 2017 THROUGH DECEMBER 31, 2017

2017	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	6	4	4	14	15	21	17	13	14	10	14	15	147
Property Damage	58	45	64	55	66	42	53	45	46	62	69	76	681
Private Property	3	4	3	6	4	3	5	7	9	5	9	11	69
Hit and Run	1	0	0	1	0	0	0	0	0	0	1	0	3
Total	68	53	71	76	85	66	75	65	69	77	93	102	900

Traffic Accidents 2017 vs 2018



REPORTED ACCIDENTS BY TYPE - YTD 2018

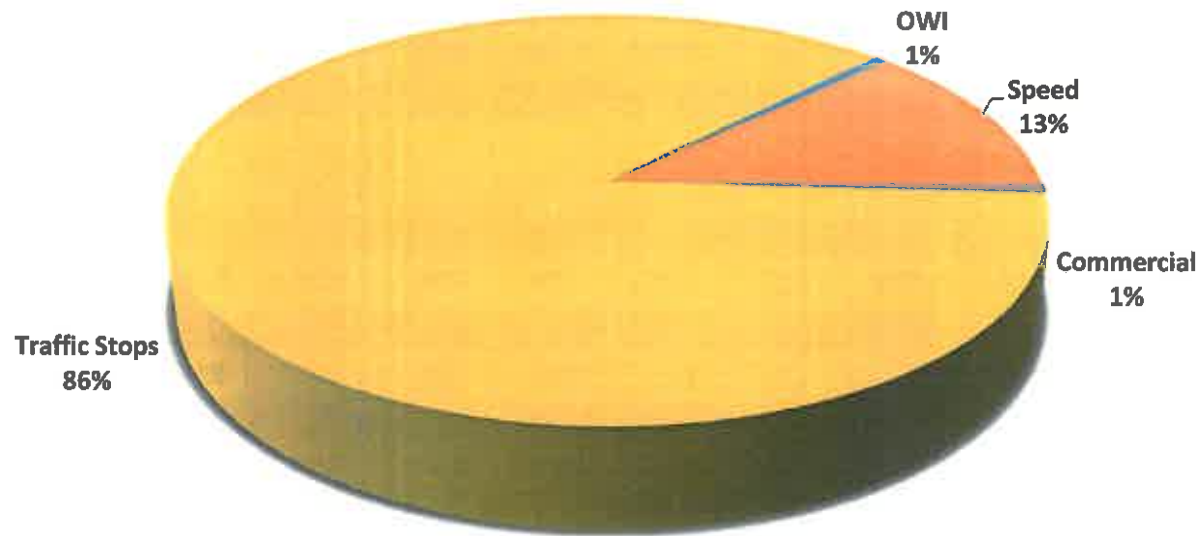


TRAFFIC VIOLATION SUMMARY

January 1, 2018 through December 31, 2018													
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	4	5	3	1	4	2	4	7	3	2			35
Speed	31	18	40	45	83	114	82	102	75	91			681
Commercial	3	1	0	0	5	5	14	0	6	1			35
Traffic Stops	430	276	432	392	521	578	529	622	550	474			4,804

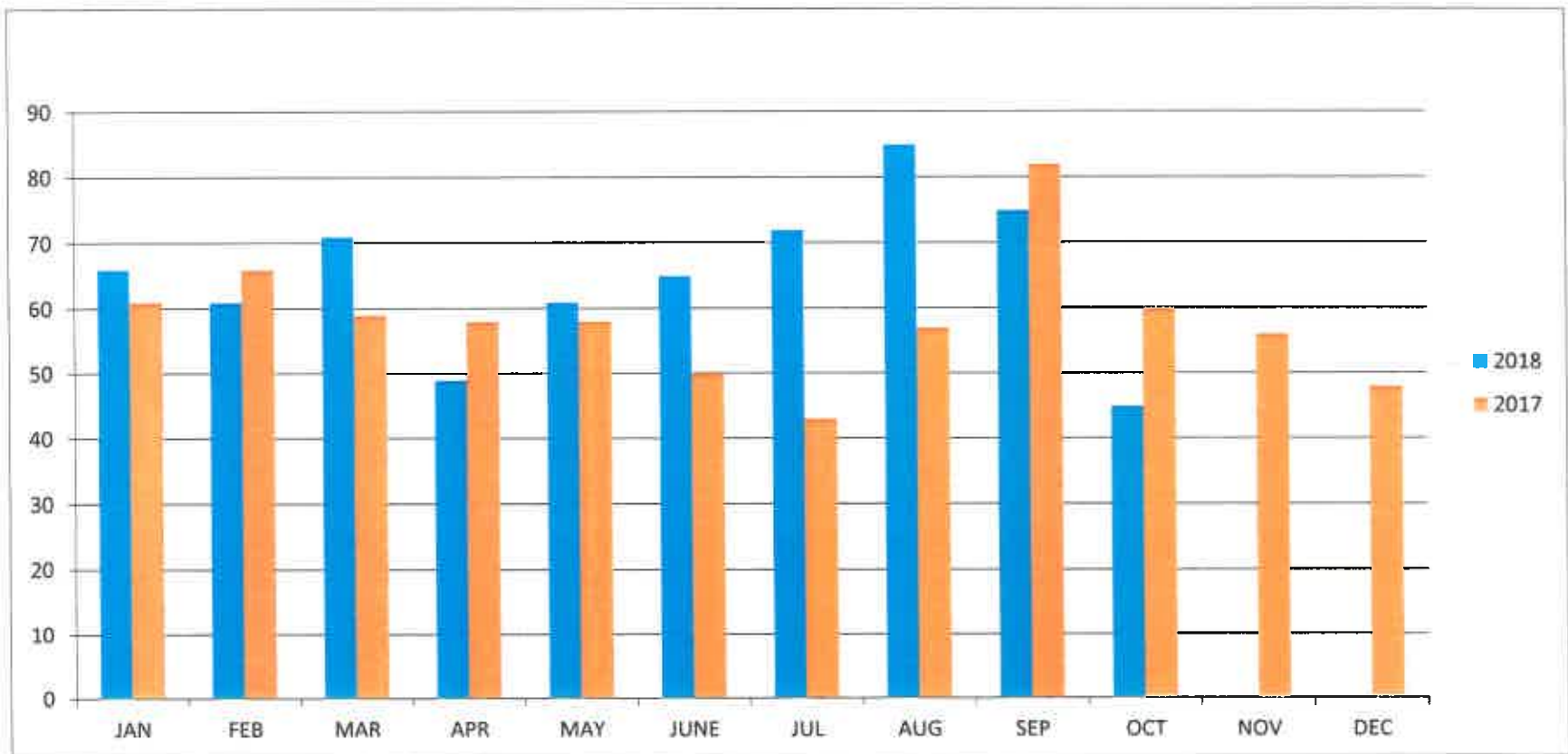
Number of Arrests													
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	9	8	7	5	7	11	10	12	5	7			81
Misdemeanor	57	53	64	44	54	54	62	73	70	38			569
Citations	230	139	236	192	248	317	241	283	277	213			2,376
Total	296	200	307	241	309	382	313	368	352	258			3,026

Traffic Violations Issued by Type Year to Date 2017



NUMBER OF ARRESTS

	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
2018	66	61	71	49	61	65	72	85	75	45			650
2017	61	66	59	58	58	50	43	57	82	60	56	48	698





MEMORANDUM

To: Plymouth Township Board of Trustees and Planning Commission

From: Laura E. Haw, AICP, McKenna and Planning Director, Plymouth Township; and
Jennifer Neal, Planner, McKenna

Date: November 8, 2018

Re: October 2018 Monthly Report: Planning and Zoning Department

PLANNING AND ZONING

McKenna provides day-to-day assistance to the Township, applicants and public regarding zoning, planning and economic redevelopment matters, including on-site offices hours every Tuesday, Wednesday and Thursday. The following is McKenna's monthly report to the Township, which covers significant Planning and Zoning activities and services in October.

Township Planning and Zoning Activity

As part of our services to the Township, McKenna reviews Planning Commission applications and plans and provides recommendations on long range planning, land use, zoning and design. There are also a number of administrative site plans / projects that McKenna reviews and administers. The following is a summary of current and ongoing site plans, special land uses, rezonings, text amendments and land reconfigurations:

PLANNING AND ZONING PROJECTS	
Project	Current Status and Progress (New items since last month are bold and noted with *)
#2138 49600 Ann Arbor Road <i>Andover Forest</i>	Final stamping process initiated in 2015. Insufficient documentation provided to close file. The Planning Department receives numerous inquiries about this site as it was cleared and stalled. Policies are in place to ensure this will not occur again. **Applicant has submitted revised legal documentation (based on the modifications required by Township Attorney Kevin Bennett) which are presently under review. Once finalized, final recorded documents must be submitted and the applicant can apply for the final stamping process.
#2147 14415 Sheldon Road <i>EZ Storage</i>	One year extension requested and granted at the April 18, 2018 Planning Commission. *New materials must be submitted by 04.18.19. With no change in application, the file will be closed on 04.18.19 and the approved site plan null and void.

PLANNING AND ZONING PROJECTS	
Project	Current Status and Progress (New items since last month are bold and noted with *)
#2232 39600 Ann Arbor Road <i>Dunkin Donuts</i>	Final site plan approval (building expansion) granted by the Planning Commission, December 2017. *Permits from Wayne County and subject to the conditions of final engineering approval are outstanding. Once finalized, applicant to submit for the final stamping process.
#2235 40475 Plymouth Road <i>Arctic Pond Ice Arena</i>	On-site landscape review conducted by McKenna, near compliance, 90% of bond released. *Applicant to work with the Building Department on permits.
#2245 15257 Beck Road <i>Plymouth Plaza</i>	Final site plan approval (two-building, multi-tenant commercial plaza) granted by the Planning Commission, August 2017. Seven (7) administrative reviews have since been conducted due to remaining outstanding conditions of Commission approval. Revised site plan review; the plan has experienced significant adjustments per Wayne County and the applicant since final site plan approval. *Resubmittal by applicant has yet to be made for revised plans, final review by Planning Commission is required.
#2248 49200 Halyard Drive <i>Adient</i>	Revised, final site plan approval (building expansion and site improvements) granted by the Planning Commission, May 2018. *Final permits and subject to the conditions of final engineering approval. Currently finalizing engineering. Once complete, applicant to submit for the final stamping process.
#2269 39411 Schoolcraft <i>Plymouth Park and Eats</i>	Final site plan approval (food truck park) granted by the Planning Commission, November 2017. *Applicant in the process for the final stamping process.
#2271 39550 Ann Arbor Road <i>Quick Pass Car Wash</i>	Final site plan approval (new construction) granted by the Planning Commission, December 2017. *Permits from Wayne County and subject to the conditions of final engineering approval are outstanding. Once finalized, applicant to submit for the final stamping process.
#2272 45980 Ann Arbor Road <i>The Woods</i>	Final site plan, CHO approval (nine (9), detached, single family residential units) granted by the Planning Commission, January 2018. Permits from Wayne County, final CHO approval granted by the Board of Trustees on July 24, 2018. *Applicant to submit for the final stamping process.



PLANNING AND ZONING PROJECTS	
Project	Current Status and Progress (New items since last month are bold and noted with *)
#2274 15075 Beck Road <i>Beck Hotel PUD</i>	Tentative site plan approval (mixed-use site with hotel and restaurants) granted by the Planning Commission, April 2018. Revisions to the final site plan were submitted and reviewed in March, April, June and August of 2018. *Resubmittal by applicant has yet to be made for revised final site plan; final review by Planning Commission is required. Township Attorney review initiated in October of 2018 for the PUD contract.
#2278 47373 Five Mile Road <i>Shell Plaza</i>	Application submitted for accessory building addition. Administrative Committee review throughout spring 2018. Administrative Committee review cannot issue approval as of June 25, 2018 (date of last review letter and transmittal submitted to applicant). Project postponed until the applicant submits a revised site plan, which addresses all outstanding issues, for Township review. *New materials or an extension request must be submitted by 02.15.19. With no change in application, the file will be closed on 02.15.19.
#2280 41656 Ann Arbor Road <i>Monroe Bank and Trust</i>	New construction for the Monroe Bank and Trust by the Administrative Committee. *Final stamp issued, with conditions in October. Updated Master Deed to be re-recorded and a copy made available to the Township.
#2282 15075 Beck Road <i>Land Combination</i>	Initial Township review, application deemed incomplete, May 2018. *Applicant to submit outstanding documentation for Township review.
#2296 12731 Beck Road <i>Verona Park</i>	Application submitted for site plan review. Tentative site plan approval, with conditions, granted by the Planning Commission at their July 18, 2018 meeting. *Applicant to revised site plan package and submit for final site plan review by the Planning Commission by 07.18.19.
#2300 46333 Five Mile Road Administrative Site Plan (minor)	Request for additional parking at Progressive, as approved per the 1980's plan as banked parking. *Pending Wayne County authorization. New materials or an extension request must be submitted by 07.27.19. With no change in application, the file will be closed on 07.27.19.
#2303 41100 Plymouth Road Administrative Site Plan (major)	Site plan improvements for lighting, landscaping and pedestrian safety. Phase 1 (lighting) approved. Phase 2 (all other site improvements, pending). *Applicant to submit additional documentation for Phase 2.



PLANNING AND ZONING PROJECTS	
Project	Current Status and Progress (New items since last month are bold and noted with *)
#2304 47771 Halyard Road Administrative Site Plan (minor)	Application for the construction of previously approved banked parking spaces. Payment in-lieu for replacement trees submitted. *Applicant to submit additional documentation for Department of Public Utilities, prior to re-review by the administration.
#2305 14540 Jib Street Administrative Site Plan (major)	Proposed building addition for Diamond Tool, with site plan improvements. *Applicant to submit additional documentation (ex: landscaping plan), prior to Planning Commission consideration.
#2306 41661 Plymouth Road PUD Site Plan	*Tentative site plan was removed from the Planning Commission October meeting due to the number of outstanding comments. Meeting between development team and Planner Laura Haw, Engineer Dave Richmond and Township Fire Chief Phillips occurred on October 23, 2018. Applicant to revised site plan and resubmit for November 14, 2018 agenda.
#2307 1496 Sheldon Road	*ARC wall sign approved, with conditions, at the October Planning Commission meeting. Final stamp issued.
#2308 8820 N. Lilley Road	Lot split application for single family home / greenhouse submitted. *Reviews finalized. Lot split reviewed and issued approval by Supervisor Heise.
#2309 42320 Ann Arbor Road Administrative Site Plan	*Façade improvement submitted for review. Pending changes by applicant for consideration by the Township.
#2310 14973 Northville Road Rezoning	*Application to rezoning the Phoenix Mill site, from PL, Public Lands, to the C-2, General Commercial district. Public hearing and meeting scheduled for November 14, 2018 Planning Commission meeting.
#2311 235 N. Sheldon Road Administrative Site Plan	Application for minor site enhancement at Chase Bank. Review pending.



Planning and Zoning Department Financial Activity

The following table details payments received by applicants as determined by the adopted 2017 Planning and Zoning Fee Schedule and for payment in-lieu received regarding planning / zoning projects:

PLANNING AND ZONING FEES RECEIVED	CURRENT	2018 YTD
Applications (October only)	\$13,275.00	\$91,339.25
#2274: Site Plan (PUD) Review #6	\$2,125.00	-
#2309: Administrative Site Plan (minor)	\$350.00	-
#2310: Rezoning	\$3,150.00	-
#2311: Administrative Site Plan (major)	\$2,500.00	-
#2312: Site Plan (CHO) Review #1	\$5,150.00	

PAYMENT IN-LIEU FUNDS RECEIVED	LANDSCAPING	SIDEWALK	OTHER	2018 YTD
Applications (October only)	-	\$11,628.00	-	\$13,878.00
#2214: CHO		\$11,628.00		

Challenges:

- Application form needs revisions and application process packets remain outstanding.
- Many questions on ARC, Ann Arbor Road Corridor sign requirements, not digestible for the public.
- Repeat ZBA variances granted, especially related to fence standards.
- Resident concerns regarding sidewalks in the older subdivisions such as Green Meadows.

Recommendations and Next Month Outlook:

- Consideration of the C-1, Neighborhood Shopping, Zoning Ordinance text amendment to permit limited serving of alcohol in restaurants.
- Consideration of a Zoning Ordinance text amendment regarding fence regulations.
- Consideration of the C-2, General Commercial, Zoning Ordinance text amendment to permit outdoor dining as a permitted use (currently requires special land use approval) with additional use standards.
- Start the Redevelopment Ready Certification.
- Schedule joint Planning Commission / Board of Trustees / Zoning Board of Appeals meeting for 2019.
- Continue updates to the new Zoning Map – draft coming in November !

If you have any questions on the above planning, zoning and design projects or would like additional information, please contact Laura Haw at Lhaw@mcka.com. Thank you !



FOIA Monthly Report

Run Date: 11/01/2018 8:02 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
10/1/2018	ATC Group Services	Dominique Greer	Building Fire Report	
10/1/2018	ATC Group Services	Dominique Gyamfi	Building Fire Report	
10/2/2018	ATC Group Services	Mr. Scott Hanson	Building Code of Ordinance Records Fire Report Zoning	
10/2/2018	Kentwood Office Furniture	Katie Vanderveen	Building	
10/2/2018	August Mack Environmental	Rachel Brickley	Environmental	
10/11/2018	Dadco, Inc	Christine Olesky	Fire Report	
10/12/2018		Mr Edward George	Fire Report	
10/16/2018		Ramon Alvarez	EMS Report	
10/18/2018		Christine Ingersoll	Building Code of Ordinance Records	
10/18/2018	TopBuild Support Svcs	Marketing Analyst Rodrigo Kurogi	Building	
10/25/2018	SME	Ms. Megan Schaner	Assessing Records Building Environmental Fire Report	
10/29/2018	GPD Group	Eric Lopez	Environmental	
10/30/2018	Global Zoning LLC	Co-Owner Cassie Phelps	Building Fire Report Planning	
10/30/2018	Bock & Clark	Mrs. Valerie Cummings	Building Code of Ordinance Records Planning Zoning Other	
Total Requests: 14				Total Dollars: 0

PD FOIA Monthly Report

Run Date: 11/01/2018 8:02 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
10/1/2018		Jessica Lester	Police Records	0.00
10/1/2018	Sills Charboneau & Barnett PC	Attorney Thomas Charboneau	Police Records	5.30
10/3/2018	Flood Law	Vincent Haisha	Police Records	25.00
10/4/2018		Ronald Weiss	Police Records	0.00
10/4/2018		Julia Flagg	Police Records	0.00
10/9/2018	Pierce Farrell Tafelski & Wells PLC	Paul Tafelski	Police Records	0.00
10/10/2018		James Melillo	Police Records	0.00
10/10/2018	Cochran, Kroll & Associates	L'Oreal Soto	Police Records	0.00
10/10/2018		Sam Bernstein	Police Records	0.00
10/12/2018	Speedway	Lisa Lentz	Police Records	0.00
10/12/2018		Natalie Fowler	Police Records	0.00
10/15/2018		Diane Carlsen	Police Records	0.00
10/15/2018	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Police Records	0.00
10/16/2018		Sam Bernstein	Police Records	0.00
10/16/2018		Sam Bernstein	Police Records	0.00
10/16/2018		Sam Bernstein	Police Records	0.00
10/16/2018		Ramon Alvarez	Police Records	0.00
10/18/2018		Jeffrey Randa	Police Records	\$18.76
10/19/2018		Michael Andrews	Police Records	0.00
10/19/2018		Patrick LaMere	Police Records	0.00
10/23/2018		James Fairless	Police Records	0.00
10/23/2018		Henry Parks	Police Records	0.00
10/25/2018		Courtney James	Police Records	0.00
10/25/2018		Daniel Hope	Police Records	0.00
10/29/2018		Lee Turner	Police Records	81.41
10/30/2018	Plymouth Heritage apts	Paul Stine	Police Records	0.00
10/30/2018		Justin Haist	Police Records	0.00
10/30/2018	Kelly & Kelly Law	Brian Locke	Police Records	9.57
10/31/2018	Home	Mr. mark bierley	Police Records	0.00
10/31/2018	Law Offices of John Larkin	John Larkin	Police Records	0.00
10/31/2018	Wendys	Shelly Parker	Police Records	0.00
Total Requests: 31				Total Dollars: 140.04

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM D.3
APPROVAL OF TOWNSHIP BILLS
NOVEMBER 27, 2018 MEETING**

BOARD DATE

11/27/2018

FUND NAME

FUND NUMBER

TOTAL
INC PAYROLL

PAYROLL &
INVOICES PAID
PRIOR TO MEETING

INVOICES PAID
AFTER BOARD REVIEW

GENERAL FUND	101	498,630.22	383,307.74	115,322.48
SWD	226	107,553.20	3,691.39	103,861.81
IMPROV. REV.	246	-	-	-
DRUG FORFEITURE	265	-	-	-
DRUG FORFEITURE	266	-	-	-
DRUG FORFEITURE	267	-	-	-
GOLF COURSE FUND	510	206.81	72.81	134.00
SENIOR TRANSPORATION	588	4,205.22	3,789.93	415.29
WATER & SEWER	592	1,875,293.42	209,382.75	1,665,910.67
TRUST& AGENCY	701	10,602.50	10,602.50	-
POLICE BOND FUND	702	1,291.00	1,291.00	-
TAX POOL	703	-	-	-
SPECIAL ASSESS CAPITAL	805	-	-	-
TOTALS		<u>2,497,782.37</u>	<u>612,138.12</u>	<u>1,885,644.25</u>
GRAND TOTAL		2,497,782.37		

Refunds Page 4 of 5

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

VENDOR INFORMATION

INVOICE INFORMATION

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$75.00
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0025		75.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$575.00
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0017		575.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$115.00
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0033		115.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$405.00
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0018		405.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$4,665.00
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0001		4,665.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,490.00
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0026		2,490.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,357.50
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0005		1,357.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$517.50
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0023		517.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$345.00
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0020		345.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$57.50
BD Bond Refund			Check Date:	11/21/2018
	701-100-202.701	BE18-0006		57.50
Total Amount to be Disbursed:				\$10,602.50

Charter Township of Plymouth
AP Invoice Listing - Board Report

2. bonds Page 21/1/8

VENDOR INFORMATION

INVOICE INFORMATION

35TH DISTRICT COURT

Bond Receipt 11/13/2018

702-100-087.000 7790
702-100-087.000 7791
702-100-087.000 7792

Invoice Amount: \$691.00

Check Date: 11/23/2018

300.00

91.00

300.00

Total Amount to be Disbursed: \$691.00

Weekly page 11 / 26 / 18

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

VENDOR INFORMATION

INVOICE INFORMATION

ADP INC

ADP EnterpriseTime & Workforce Now & Payroll S

101-290-941.000

101-290-941.000

101-290-941.000

Enterprise eTime

Workforce Now

Payroll Services

Invoice Amount:

\$4,761.64

Check Date:

11/21/2018

2,304.45

1,179.35

1,277.84

BASIC

Annual Section 105 HRA Plan Renewal Fee for 20

101-290-714.000

2019 Renewal Fee

Invoice Amount:

\$250.00

Check Date:

11/21/2018

250.00

BLUE CARE NETWORK OF MICHIGAN

December 2018 Coverage Coverage - classes 7 &

101-171-714.000

Supervisor's Office

101-201-714.000

IT Dept.

101-253-714.000

Treasurer's Dept.

101-305-714.000

Police

101-325-714.000

Dispatch

101-336-714.000

Fire

101-371-714.000

Building

592-291-714.000

Public Works (Fellrath)

101-305-714.500

Police - Retirees

101-336-714.500

Fire - Retirees

101-215-714.000

Clerk's Office

101-265-714.000

Building & Grounds (Haack)

592-172-714.000

Public Services

226-226-714.000

Solid Waste (Visel)

592-291-714.000

Public Works Retiree (Wallace)

Invoice Amount:

\$86,420.16

Check Date:

11/21/2018

479.50

1,237.10

1,146.00

17,746.20

8,678.90

18,407.90

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 - December 20

101-290-714.500

General Retirees Healthcare

101-305-714.500

Police Retirees Healthcare

101-325-714.500

Dispatch Retirees Healthcare

101-336-714.500

Fire Retirees Healthcare

592-291-714.500

Public Works Retirees Healthcare

Invoice Amount:

\$11,008.10

Check Date:

11/21/2018

4,862.55

648.34

648.34

3,552.19

1,296.68

BLUE CROSS/BLUE SHIELD OF MICHIGAN

BCBS of MI - Retiree Health Care -December 201

101-290-714.500

General Retirees

101-305-714.500

Police Retirees

101-336-714.500

Fire Retirees

Invoice Amount:

\$4,821.39

Check Date:

11/21/2018

535.71

535.71

3,749.97

COMCAST

Comcast High Speed Internet Monthly Fee - FS #

101-336-921.000

High Speed Internet FS #2 - monthly

Invoice Amount:

\$104.85

Check Date:

11/21/2018

104.85

COMCAST

Monthly Cable and Internet Township Hall -(Xfinit

101-290-941.000

12/18 Internet & Cable Twp Hall

Invoice Amount:

\$61.94

Check Date:

11/21/2018

61.94

COMCAST

November 2018 Internet service - Acct. # 900913

101-691-921.000

Lakepointe Soccer fields

101-336-921.000

FS#3

101-325-853.400

Video arraignment

Invoice Amount:

\$194.85

Check Date:

11/21/2018

64.95

64.95

64.95

Charter Township of Plymouth

AP Invoice Listing - Board Report

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

Consumers Energy monthly - October 2018

<i>101-171-921.000</i>	<i>Supervisor</i>	Invoice Amount:	\$2,438.32
<i>101-201-921.000</i>	<i>Info Services</i>	Check Date:	11/21/2018
<i>101-209-921.000</i>	<i>Assessing</i>		<i>121.52</i>
<i>101-215-921.000</i>	<i>Clerk</i>		<i>65.01</i>
<i>101-253-921.000</i>	<i>Treasurer</i>		<i>34.78</i>
<i>101-305-921.000</i>	<i>Police</i>		<i>105.59</i>
<i>101-325-921.000</i>	<i>Dispatch</i>		<i>44.10</i>
<i>101-336-921.000</i>	<i>Fire</i>		<i>348.94</i>
<i>101-371-921.000</i>	<i>Building</i>		<i>72.63</i>
<i>101-371-921.500</i>	<i>Community Development</i>		<i>864.54</i>
<i>101-691-921.000</i>	<i>Park</i>		<i>76.49</i>
<i>226-226-921.000</i>	<i>Solid Waste</i>		<i>42.85</i>
<i>592-172-921.000</i>	<i>DPW</i>		<i>177.94</i>
<i>510-510-737.000</i>	<i>Golf Course</i>		<i>10.07</i>
<i>592-444-745.000</i>	<i>DPW</i>		<i>197.03</i>
<i>588-588-921.000</i>	<i>Friendship Staton</i>		<i>72.81</i>
<i>101-265-854.000</i>	<i>Township Hall</i>		<i>26.35</i>
<i>101-325-921.400</i>	<i>Dispatch - new</i>		<i>6.30</i>
			<i>98.74</i>
			<i>72.63</i>

DTE ENERGY

FS # 2 Service- October 2018 - 9200-013-7823-0

<i>101-336-921.000</i>	<i>FS #2 Electric Service October 2018</i>	Invoice Amount:	\$37.92
		Check Date:	11/21/2018
			<i>37.92</i>

JOHN HANCOCK LIFE INSURANCE CO.

Monthly Premium- November 2018 - Jowsey

<i>101-100-237.000</i>	<i>Monthly Premium-Jowsey, Richard- 11-18</i>	Invoice Amount:	\$64.40
		Check Date:	11/21/2018
			<i>64.40</i>

PLYMOUTH POSTMASTER

Postage for Winter 2018 Tax Bills - Permit # 218

<i>101-253-730.000</i>	<i>Postage Winter 2018 Tax Bills Permit 218</i>	Invoice Amount:	\$5,300.00
		Check Date:	11/21/2018
			<i>5,300.00</i>

PLYMOUTH POSTMASTER

Postage for Winter 2018 Newsletter - Permit #21

<i>101-290-730.000</i>	<i>Winter 2018 Newsletter -Permit 218</i>	Invoice Amount:	\$3,000.00
		Check Date:	11/21/2018
			<i>3,000.00</i>

Total Amount to be Disbursed: \$118,463.57

Charter Township of Plymouth
AP Invoice Listing - Board Report

BK 11/21/18 Page: 1/13

VENDOR INFORMATION

INVOICE INFORMATION

ADVANCED DISPOSAL

TWP FACILITIES - NOV 2018 FEES

101-691-931.000	TWP PARK TRASH/RECYCLE	306.00
101-336-776.000	FIRE STN 3 TRASH	25.00
101-691-931.000	LK PNT SOCCER PARK TRASH	68.00
101-265-776.000	TWP HALL TRASH/RECYCLE	170.00
592-172-776.000	DPW TRASH	68.00
510-510-737.000	HILL TOP GOLF COURSE TRASH/RECYCLE	134.00
101-336-776.000	FIRE STN 2 TRASH	25.00
101-265-815.000	FRIENDSHIP STATION TRASH	25.00

Invoice Amount: \$821.00
Check Date: 11/27/2018

ADVANCED DISPOSAL

TWP PARK FACILITY - NOV 2018 FEES

101-691-931.000	TWP PARK YARD WASTE	125.00
-----------------	---------------------	--------

Invoice Amount: \$125.00
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

Uniform Equip/S. Smith Inv. 72794 10/3/18

101-325-758.000	Uniform Boots	130.00
-----------------	---------------	--------

Invoice Amount: \$130.00
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

Uniform Equip/McLean Inv. 73131 10/30/18

101-305-758.000	Uniform Boots	179.95
-----------------	---------------	--------

Invoice Amount: \$179.95
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

Uniform Equip/Hinkle Inv. 73004 10/19/18

101-305-758.000	Uniform Sweater	109.99
-----------------	-----------------	--------

Invoice Amount: \$109.99
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

Uniform Equip/Brothers Inv. 73216 11/7/18

101-305-758.000	Uniform L/S Shirt	49.99
101-305-758.000	Uniform Pants	64.99
101-305-758.000	Uniform Sweater	64.99
101-305-758.000	Uniform Boots	389.99
101-305-758.000	Uniform Hat	54.99

Invoice Amount: \$624.95
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

Uniform Equip/Nicely Inv. 73246 11/9/18

101-305-758.000	Uniform L/S Shirt	149.97
101-305-758.000	Uniform Fur Trooper Hat	29.99
101-305-758.000	Uniform Tie	4.99
101-305-758.000	Uniform Winter Coat	299.99
101-305-758.000	Uniform Turtleneck	72.00
101-305-758.000	Uniform Dickie	33.98
101-305-758.000	Uniform Safety Vest	64.99

Invoice Amount: \$655.91
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

Uniform Equip/Fritz Inv. 73264 11/10/18

101-305-758.000	Mock Turtleneck	16.99
-----------------	-----------------	-------

Invoice Amount: \$16.99
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

Uniform Equip/King Inv. 73245 11/9/18

101-305-758.000	Uniform Stryke Pants	74.99
101-305-758.000	Uniform S/S Polo Shirt	49.99

Invoice Amount: \$124.98
Check Date: 11/27/2018

ALLIE BROTHERS UNIFORMS

New Hire Uniform Equipment Ofc. Chalmers Inv.

101-305-758.000	Uniform L/S Shirt	149.97
-----------------	-------------------	--------

Invoice Amount: \$1,817.78
Check Date: 11/27/2018

Charter Township of Plymouth

AP Invoice Listing - Board Report

Page: 2/13

VENDOR INFORMATION

INVOICE INFORMATION

	101-305-758.000	Uniform Dickie	50.97
	101-305-758.000	Uniform S/S Shirt	143.97
	101-305-758.000	Uniform Pants	194.97
	101-305-758.000	Uniform Cap	54.99
	101-305-758.000	Uniform Hat Cover	10.99
	101-305-758.000	Uniform Boots	130.00
	101-305-758.000	Uniform Garrison Belt	35.00
	101-305-758.000	Uniform Sam Brown Belt	74.99
	101-305-758.000	Uniform Cuff Case	32.99
	101-305-758.000	Uniform Keepers	12.99
	101-305-758.000	Uniform ASP Holder	24.99
	101-305-758.000	Uniform Spring Jacket - Special Size	153.99
	101-305-758.000	Uniform Name Bar	13.99
	101-305-758.000	Uniform Handcuffs	32.99
	101-305-758.000	Uniform Bullet Proof Vest	699.99
<hr/>			
APOLLO FIRE EQUIPMENT		Invoice Amount:	\$600.22
hose parts		Check Date:	11/27/2018
	101-336-979.000	FS17X04R15N HOSE/COUPLING	168.00
	101-336-979.000	FS17X04Y15N HOSE/COUPLING	168.00
	101-336-979.000	FS25X04C25N HOSE/COUPLING	234.40
	101-336-979.000	UPS	29.82
<hr/>			
ASSOCIATED NEWSPAPERS OF MICHIGAN		Invoice Amount:	\$299.88
State Gen Elec Ad		Check Date:	11/27/2018
	101-262-813.000	State Gen Election Ad	299.88
<hr/>			
ASSOCIATED NEWSPAPERS OF MICHIGAN		Invoice Amount:	\$38.45
Zoning Ordinance Amendment Ad		Check Date:	11/27/2018
	101-215-813.000	Zoning Ordinance Amendment Ad	38.45
<hr/>			
ASSOCIATED NEWSPAPERS OF MICHIGAN		Invoice Amount:	\$39.85
Zoning Map Amendment Ad		Check Date:	11/27/2018
	101-215-813.000	Zoning Map Amendment Ad	39.85
<hr/>			
B & R JANITORIAL SUPPLY		Invoice Amount:	\$206.66
JANITORIAL SUPPLY		Check Date:	11/27/2018
	101-265-776.000	INVOICE 183642-1	93.00
	101-265-858.000	INVOICE 183642-1	6.20
	101-305-776.000	INVOICE 183642-1	51.67
	101-325-727.000	183642-1	20.67
	101-336-776.000	183642-1	4.12
	592-172-776.000	183642-1	31.00
<hr/>			
B & R JANITORIAL SUPPLY		Invoice Amount:	\$657.30
JANITORIAL SUPPLY		Check Date:	11/27/2018
	592-291-935.000	OIL DRY	657.30
<hr/>			
B S & A SOFTWARE		Invoice Amount:	\$19,343.00
Annual Service support fees 11/1/18 -- 11/1/19 -		Check Date:	11/27/2018
	101-100-123.000	Annual Support 11/1/2018--11/1/2019	15,343.00
	592-100-123.000	Annual Support 11/1/2018--11/1/2019	4,000.00
<hr/>			
BATTERIES PLUS BULBS		Invoice Amount:	\$279.50
Flashlight battery		Check Date:	11/27/2018
	101-336-979.000	SLAA6 12F BATTERY	279.50

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

BATTERY SOLUTIONS, LLC.			Invoice Amount:	\$109.95
Battery Recycle			Check Date:	11/27/2018
	226-226-810.000	iRecycle - Filled Pail #2		109.95
BIO-CARE INC			Invoice Amount:	\$740.20
Hepatitis Testing for Police Dept. Employees Inv.			Check Date:	11/27/2018
	101-305-963.000	Hepatitis B Vaccine		488.00
	101-305-963.000	Travel to PTPD		140.00
	101-305-963.000	Travel - Staff Car		112.20
BLACKWELL FORD INC.			Invoice Amount:	\$1,131.94
U3 Brake Work			Check Date:	11/27/2018
	101-336-863.000	U3 Brake Work		1,131.94
BLACKWELL FORD INC.			Invoice Amount:	\$34.33
Oil Change for 452 @ Twp. Park (Invoice # 3402			Check Date:	11/27/2018
	101-691-863.000	Park Truckoil change #340259		34.33
BLACKWELL FORD INC.			Invoice Amount:	\$512.84
Vehicle Repair/A66875 Inv. 339926 11/9/18			Check Date:	11/27/2018
	101-305-863.000	Oil Change/Replace Water Pump and Seals		512.84
BLACKWELL FORD INC.			Invoice Amount:	\$1,644.14
U1 Brake repairs			Check Date:	11/27/2018
	101-336-863.000	U-1 Brake Repair		1,644.14
BLACKWELL FORD INC.			Invoice Amount:	\$415.29
Senior Bus Repair Invoice #339218- Senior Bus -			Check Date:	11/27/2018
	588-588-863.000	Senior Trans #339218		415.29
BLOOM ROOFING SYSTEMS INC.			Invoice Amount:	\$330.00
Roof Leak in Communications Center Inv. 15494			Check Date:	11/27/2018
	101-325-776.000	Service Work		285.00
	101-325-776.000	Parts		45.00
OCCUPATIONAL HEALTH CENTERS OF MI			Invoice Amount:	\$264.50
Pre-PlacementPhysicals - Tom Champagne (PD)			Check Date:	11/27/2018
	101-305-818.000	Thomas Champagne (PD)		179.50
	101-336-835.000	Jeff Mallari (Pulmonary Function) (FD)		85.00
CLIA LABORATORY PROGRAM			Invoice Amount:	\$150.00
CLIA LAB user fees			Check Date:	11/27/2018
	101-336-729.000	Certification Fee		150.00
CDW GOVERNMENT INC			Invoice Amount:	\$103.77
Licenses			Check Date:	11/27/2018
	101-215-727.000	MS Server License		29.92
	101-215-727.000	Microsoft Exchange License		73.85
CINTAS CORPORATION - 300			Invoice Amount:	\$157.33
Mat service for P.D. Inv. 300356308 11/5/18			Check Date:	11/27/2018
	101-305-776.000	Mats for pd/Active Scraper		157.33
CODE SAVVY CONSULTANTS LLC			Invoice Amount:	\$255.00
FIRE ALARM PLAN REVIEW WHITELINE EXPRESS			Check Date:	11/27/2018
	101-371-818.000	INVOICE 1402 WHITELINE EXPRESS		255.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

CODE SAVVY CONSULTANTS LLC SPRINKLER PLAN REVIEW GLOBAL CNC IND 101-371-818.000	INVOICE 1405	Invoice Amount: Check Date:	\$655.00 11/27/2018 655.00
CODE SAVVY CONSULTANTS LLC FIRE ALARM PLAN REVIEW AIDENT CTU PHASE I 101-371-818.000	INVOICE 1406 AIDENT	Invoice Amount: Check Date:	\$745.00 11/27/2018 745.00
Command Presence, LLC Leading Without Rank Training Inv. 1219 10/15/ 101-305-960.000	Officer McParland - 10/15/18	Invoice Amount: Check Date:	\$129.00 11/27/2018 129.00
CONELY, PATRICK reimbursement for fuel to and from HEMS meetin 101-336-873.000	Fuel Reimbursement to and from HEMS Meet	Invoice Amount: Check Date:	\$16.89 11/27/2018 16.89
CORRIGAN OIL COMPANY Fuel 11/07/18 592-291-863.000 592-291-863.000 592-291-863.000 592-291-863.000	Gas 87 - Ethanol Dyed Ultra Low Sulfur #2 Mix Fuel Tax Recap Environmental Fee	Invoice Amount: Check Date:	\$2,035.12 11/27/2018 1,041.40 975.70 11.07 6.95
CORRIGAN OIL COMPANY Fuel 10/15/2018 592-291-863.000 592-291-863.000 592-291-863.000 592-291-863.000	Gas 87 - Ethanol Dyed Ultra Low Sulfur #2 Mix Fuel Tax Recap Environmental Fee	Invoice Amount: Check Date:	\$2,900.05 11/27/2018 1,442.81 1,435.27 15.02 6.95
CUMMINS-ALLISON CORP Jetscan & Maintenance Contract 101-253-978.000 101-253-818.000	Jetscan i131 CASH COUNTER Maintenance Contract	Invoice Amount: Check Date:	\$2,895.82 11/27/2018 2,489.92 405.90
DON'S SMALL ENGINE Parks - Invoice 44871- Tires (front) for Workman 101-691-931.500	Inv. # 44871	Invoice Amount: Check Date:	\$217.00 11/27/2018 217.00
EJ USA, INC. Manhole Cover QUOTE 9/27/18 592-291-932.000 592-291-932.000	1040 7" Tall Bolted & Gsktd Sanitary Sew 1040C Vented 1-Hole Water Supply Black	Invoice Amount: Check Date:	\$1,836.24 11/27/2018 1,335.03 501.21
EJ USA, INC. 20" MEGA LUGS AND BOLTS 11/01/2018 592-291-932.000 592-291-932.000 592-291-932.000	20" MJ MEGA LUG #1120 F/DI PIP 20" MJ GKT SBR 3/4"X4-1/2" MJ BLT/NUT CORE-BL	Invoice Amount: Check Date:	\$1,187.68 11/27/2018 965.48 32.92 189.28
EHLERS HEATING & AIR CONDITIONING AC repair Sta#1 on 9/10/18 101-336-776.000	Service on AC at Station #1 9/10/18	Invoice Amount: Check Date:	\$559.29 11/27/2018 559.29
ENGRAVING CONNECTION Tags for C. Johnson 101-336-851.000	Tags for FF C. Johnason	Invoice Amount: Check Date:	\$24.00 11/27/2018 24.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

FELLRATH, PATRICK			Invoice Amount:	\$167.32
Mileage Reimbursement P. Fellrath Oct. 18			Check Date:	11/27/2018
592-291-863.000	Mileage Reimbursement P. Fellrath Oct.18			167.32
FIRE SERVICE MANAGEMENT			Invoice Amount:	\$394.50
repairing of gear			Check Date:	11/27/2018
101-336-758.100	Repair Fire Gear			394.50
GFL Environmental USA, Inc.			Invoice Amount:	\$390.00
DPW RECYCLE CENTER			Check Date:	11/27/2018
226-226-810.500	10/26/18 - PAPER/CARDBOARD RECYCLE			195.00
226-226-810.500	10/26/18 - PLASTICS/TINS RECYCLE			195.00
GFL Environmental USA, Inc.			Invoice Amount:	\$103,346.88
OCT 2018 - RESIDENTIAL COLLECTION FEE			Check Date:	11/27/2018
226-226-810.000	OCT 2018 TRASH			66,788.80
226-226-810.000	OCT 2018 RECYCLING			18,630.56
226-226-810.000	OCT 2018 YARD WASTE			17,927.52
GUARDIAN ALARM CO			Invoice Amount:	\$191.40
ALARM MONITORING, MAINTENANCE AND SERVI			Check Date:	11/27/2018
101-265-858.000	INVOICE 19813515			191.40
GUARDIAN ALARM CO			Invoice Amount:	\$265.95
Alarm billing 11/1/18-01/31/119			Check Date:	11/27/2018
592-172-818.000	Monitoring, Maintenance & Services			265.95
HALT FIRE INC			Invoice Amount:	\$143.00
R1 plug for scene light replaced			Check Date:	11/27/2018
101-336-863.000	R1 Plug to scene light replaced			143.00
HALT FIRE INC			Invoice Amount:	\$459.00
R1 Adj brakes			Check Date:	11/27/2018
101-336-863.000	R1 Brake work			459.00
HALT FIRE INC			Invoice Amount:	\$487.52
USAR 4 heater ctrl valve			Check Date:	11/27/2018
101-336-863.000	USAR 4 heater ctrl valve			487.52
HEMMING,POLACZYK,CRONIN,SMITH,			Invoice Amount:	\$17,712.65
Legal Services October 2018 (KEVIN BENNETT)			Check Date:	11/27/2018
101-290-825.000	Ordinance Prosecutions			9,095.63
101-290-827.000	Community Development			1,561.88
101-290-826.000	Admin			4,580.63
101-290-826.000	Misc.			1,854.13
101-290-826.000	Building Dept.			170.63
101-290-826.000	Water and Sewer			446.25
101-290-826.000	Fax Expense			3.50
HERSCH'S INC.			Invoice Amount:	\$2,803.56
Sales Order SO089140 11/08/18			Check Date:	11/27/2018
101-446-731.000	Delivery Charge			19.56
101-446-731.000	Mag 50# Pellets 1/48 550179			2,784.00
HYDRO CORP			Invoice Amount:	\$1,779.00
Cross Connection Control Oct 18			Check Date:	11/27/2018
592-291-804.000	Cross Connection Control Oct 18			1,779.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

Page: 6/13

VENDOR INFORMATION

INVOICE INFORMATION

IRON MOUNTAIN			Invoice Amount:	\$211.26
Offsite Storage - November 2018			Check Date:	11/27/2018
	101-215-818.000	Offsite Storage - November 2018		211.26
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$50.48
MEDICAL SUPPLIES			Check Date:	11/27/2018
	101-336-836.000	GLOVES DIGFL12-3		50.48
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$698.00
ECG cabls (2)			Check Date:	11/27/2018
	101-336-851.000	ECG Cabels		698.00
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$150.00
Firewall Monitoring - Nov 2018 - Inv# 12127			Check Date:	11/27/2018
	101-290-941.000	Firewall Monitoring - Nov 2018		150.00
KONICA MINOLTA BUSINESS SOLUTIONS			Invoice Amount:	\$508.04
Copy charges -September 2018			Check Date:	11/27/2018
	101-371-727.000	Color Copies - Bldg		181.81
	101-371-727.000	B&W Copies - Bldg		30.61
	101-215-727.000	Color Copies - Clerk		111.90
	101-215-727.000	B&W Copies - Clerk		183.72
KONICA MINOLTA BUSINESS SOLUTIONS			Invoice Amount:	\$299.56
Maintenance 10/01/18-10/31/18			Check Date:	11/27/2018
	101-171-727.000	C454e Copier Maintenance		62.91
	101-201-851.000	Maint.		11.98
	101-400-851.000	Maint.		14.98
	226-226-727.000	Maint.		14.98
	592-172-818.000	Maint		194.71
LB Office			Invoice Amount:	\$635.95
Copy Paper			Check Date:	11/27/2018
	101-215-727.000	8 1/2" x 11" Copy Paper		579.00
	101-215-727.000	11" x 17" Copy Paper		56.95
AutoZone			Invoice Amount:	\$19.99
Vehicle parts			Check Date:	11/27/2018
	101-336-863.000	3306 & 3306N hands-free lights		19.99
AutoZone			Invoice Amount:	\$5.88
Vehicle parts			Check Date:	11/27/2018
	101-336-863.000	H3055W Bulb for R1		5.88
M H R BILLING SERVICES			Invoice Amount:	\$630.00
Monthly Billing Fee			Check Date:	11/27/2018
	101-336-959.000	Monthly Billing Fee		630.00
MAIN STREET AUTO WASH			Invoice Amount:	\$425.00
Sept, Oct & Nov (through 11/7/18) Car Washes			Check Date:	11/27/2018
	101-305-863.000	Police Vehicles		400.00
	101-371-863.000	Building Vehicles		25.00
MAPLES ENVIRONMENTAL PEST CONTROL			Invoice Amount:	\$830.00
ENVIRONMENTAL PEST CONTROL			Check Date:	11/27/2018
	101-336-776.000	FIRE 3		160.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

Page: 7/13

VENDOR INFORMATION

INVOICE INFORMATION

	101-336-776.000	FIRE 2	150.00
	101-336-776.000	FIRE 1	150.00
	101-265-776.000	GENERAL OFFICES	185.00
	101-305-776.000	POLICE	185.00
MCKENNA ASSOCIATES INC		Invoice Amount:	\$5,747.00
Professional Service October 2018 - Invoice # 21		Check Date:	11/27/2018
	101-371-818.500	7.00 -- 1/2 day on-site services (70%)	2,660.00
	101-371-818.500	4.20 -- Full day on-site services (70%)	3,087.00
MCKENNA ASSOCIATES INC		Invoice Amount:	\$3,102.00
Professional Services - Professional Services -Octo		Check Date:	11/27/2018
	101-371-818.500	#2305 - Diamond Tool Mfg Bldg.	1,042.50
	101-371-818.500	#2306 - 41661 Plymouth Rd. Hillside PUD	1,030.00
	101-371-818.500	#2307-1496 Sheldon Road, ARC Sign Review	200.00
	101-371-818.500	Addtl. Svc. - PP-begin update zoning map	194.00
	101-371-818.500	Prep and attend Planning Com - 10-17-18	388.00
	101-371-818.500	Addtl. Svc. Asst. Pl. - update zoning ma	247.50
MELOW, STEVE		Invoice Amount:	\$75.00
Renewal of CDL 11/2/18		Check Date:	11/27/2018
	592-291-863.000	Reimbursement - Michigan Dept of State	75.00
ELECTION SOURCE		Invoice Amount:	\$481.73
Secrecy envelopes for absent voting		Check Date:	11/27/2018
	101-262-727.000	pkg of 25 secrecy envelopes	465.00
	101-262-727.000	Shipping cost	16.73
ELECTION SOURCE		Invoice Amount:	\$32.35
General Election Oval Ballot Marking - NO STRAIG		Check Date:	11/27/2018
	101-262-727.000	General Election Oval Ballot Marking	25.00
	101-262-727.000	Shipping	7.35
MICHIGAN AIR SOLUTIONS, LLC		Invoice Amount:	\$168.70
Compressor Maint Sta#1		Check Date:	11/27/2018
	101-336-851.000	Air Comp Maint St#1	168.70
MICHIGAN FIRE TRAINING CONSULTANTS		Invoice Amount:	\$540.00
Drug Lab Nov 2018 classes		Check Date:	11/27/2018
	101-336-960.000	Drug Lab Class	540.00
MICHIGAN CAT		Invoice Amount:	\$150.85
Parts for Caterpillar 10/29/18		Check Date:	11/27/2018
	592-291-851.000	HOSE A	150.85
MICHIGAN CAT		Invoice Amount:	\$150.85
Parts for Caterpillar 10/29/18		Check Date:	11/27/2018
	592-291-851.000	HOSE A REPLACEMENT FOR 1688497	150.85
MDEQ - STATE OF MICHIGAN		Invoice Amount:	\$10,871.54
2018 Annual WSSN: 05420 10/30/2018		Check Date:	11/27/2018
	592-172-958.000	Mi Public Water Supple Fee	10,871.54
MICHIGAN LAUNDRY MACHINERY SERVICE		Invoice Amount:	\$302.30
dryer repair		Check Date:	11/27/2018
	101-336-851.000	Dryer repair	302.30

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

MICHIGAN LINEN SERVICE			Invoice Amount:	\$84.35
Uniforms 11/09/2018			Check Date:	11/27/2018
	592-172-758.000	11/09/2018		84.35
MICHIGAN LINEN SERVICE			Invoice Amount:	\$84.35
Uniforms 11/02/18			Check Date:	11/27/2018
	592-172-758.000	11/02/18		84.35
MI Communication Directors Assoc.			Invoice Amount:	\$125.00
Membership to Michigan Communication Directors			Check Date:	11/27/2018
	101-325-958.000	2019 Dues - Comm. Supervisor C. Fell		125.00
Michigan State Fireman's Assoc			Invoice Amount:	\$75.00
Membership 2019			Check Date:	11/27/2018
	101-336-729.000	Membership 2019		75.00
MOTOROLA SOLUTIONS, INC.			Invoice Amount:	\$5,517.25
Radio equipment Contract #071B2200101			Check Date:	11/27/2018
	101-336-978.000	Radio equipment per Contract # 071B22001		5,517.25
NORTHVILLE, CHARTER TOWNSHIP OF			Invoice Amount:	\$575.91
October 2018 Five Mile Road Corridor Project			Check Date:	11/27/2018
	101-371-818.500	Oct. 2018 5 Mile Corridor Project		575.91
OBSERVER & ECCENTRIC NEWSPAPERS			Invoice Amount:	\$43.44
Police Auction Ad Inv. 0002060391 10/31/18			Check Date:	11/27/2018
	101-305-727.000	Canton Observer 11/2/18		21.72
	101-305-727.000	Plymouth Observer 11/2/18		21.72
OFFICE DEPOT			Invoice Amount:	\$69.42
Office supplies			Check Date:	11/27/2018
	101-336-727.000	Lamination sheets		14.94
	101-336-727.000	Flex Grip pens		19.54
	101-336-727.000	Pilot G-2 pens		24.16
	101-336-727.000	2019 Dsk Calendars		10.78
OFFICE DEPOT			Invoice Amount:	\$532.20
Office Supplies			Check Date:	11/27/2018
	101-253-727.000	Hammermill 3 hole paper		134.00
	101-253-727.000	Adding Machine Tape		13.62
	101-253-727.000	Counterfeit Detector Pens		3.84
	101-253-727.000	HP80A Cartridge		93.59
	101-253-727.000	HP26X Cartridge		165.59
	101-253-727.000	HP10A Cartridge		115.27
	101-253-727.000	Sortkwik		6.29
OFFICE DEPOT			Invoice Amount:	\$4.67
Office Supplies			Check Date:	11/27/2018
	101-253-727.000	Jumbo Paper Clips		4.67
OFFICE DEPOT			Invoice Amount:	\$81.29
Election & Office Supplies			Check Date:	11/27/2018
	101-262-727.000	Large Binder Clips		9.50
	101-262-727.000	1.5" x 2" Post-it Notes		11.99
	101-262-727.000	Black Stick Ink Pens		10.78
	101-262-727.000	Ream of Lilac paper		5.92
	101-215-727.000	Full Sheet Labels		23.39

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-262-727.000	Pk 3" x 3" Post-it Notes	19.71
OFFICE DEPOT		Invoice Amount:	\$6.09
Office Supplies - October 2018		Check Date:	11/27/2018
	592-172-727.000	Ink Refill	6.09
OFFICE DEPOT		Invoice Amount:	\$178.43
Supplies for Supervisor's Office - Invoice # 223869		Check Date:	11/27/2018
	101-171-727.000	Hammermill Copy Paper #0347005	81.04
	101-215-727.000	Boise 3 Hole punch copy paper #0196589	40.12
	101-171-727.000	OD Brand Address Labels #0612011	8.82
	101-171-727.000	OD Brand Address labels #0941026	19.99
	101-171-727.000	OD Brand File Dividers Printable #475248	15.70
	101-171-727.000	Paper Mate Gel Pens #0686280	12.76
OFFICE DEPOT		Invoice Amount:	\$(6.09)
CR FROM INV 220062167001		Check Date:	11/27/2018
	592-172-727.000	CR - INV 220062167001	(6.09)
OFFICE DEPOT		Invoice Amount:	\$9.57
Supplies for Assessing Department - October 201		Check Date:	11/27/2018
	101-209-727.000	Pentel Side FX Mech. Pencils PENDD255A	9.57
OFFICE DEPOT		Invoice Amount:	\$117.17
Supplies for Assessing Department - October 201		Check Date:	11/27/2018
	101-209-727.000	Hammermill Copy Paper #0347005	39.26
	101-209-727.000	OD 96A - Black toner cartridge #0775081	46.45
	101-209-727.000	Pilot Precise Pens - #0206890	23.99
	101-209-727.000	Pentel Super leads	2.38
	101-209-727.000	Pushpins-1378981	5.09
PARAGON LABORATORIES		Invoice Amount:	\$172.50
INV 1299 DBP-1 TESTING 11/1/2018		Check Date:	11/27/2018
	592-172-818.100	DBP-1	172.50
Douglas Pickert		Invoice Amount:	\$29.00
Reimb. for broken phone screen		Check Date:	11/27/2018
	101-336-851.000	Reimbursement for phone screen	29.00
Planet Technologies, Inc.		Invoice Amount:	\$63.30
Exchange Online License Inv. 1001424 9/12/18		Check Date:	11/27/2018
	101-325-727.000	3NS-00003 PLYCT01 AD	63.30
PLYM COMM COUNCIL ON AGING, INC		Invoice Amount:	\$4,606.00
Council on Aging - CDBG PY 2018		Check Date:	11/27/2018
	101-851-971.000	Council on Aging - CDBG PY 2018	4,606.00
PLYMOUTH RUBBER & TRANSMISSION		Invoice Amount:	\$18.00
zip ties		Check Date:	11/27/2018
	101-336-885.000	Zip ties	18.00
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$2,546.98
Senior Transportation - October 2018		Check Date:	11/27/2018
	101-955-885.000	Sept. 2018 - Senior Trans. Exp.	2,546.98
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$4,178.38
October Fuel Inv. 002475 10/31/18		Check Date:	11/27/2018

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-305-863.000	Patrol Vehicles	4,149.76
	101-325-963.000	PSA Vehicle	28.62
PLYMOUTH-CANTON COMMUNITY SCHOOLS		Invoice Amount:	\$470.48
OCTOBER FUEL		Check Date:	11/27/2018
	101-371-863.000	INVOICE 002475	470.48
PRINTING SYSTEMS INC		Invoice Amount:	\$1,274.29
Utility bills - 11/05/2018 #205683		Check Date:	11/27/2018
	592-172-730.000	25,000 UTILITY FORMS-LASER/UTILITY BILLS	1,175.00
	592-172-730.000	Shipping charge	99.29
PRINTING SYSTEMS INC		Invoice Amount:	\$70.23
Election Forms & Supplies/AV Ballot Secrecy Env (Check Date:	11/27/2018
	101-262-727.000	500 Ballot Secrecy Envelopes	60.00
	101-262-727.000	Shipping	10.23
PRINTING SYSTEMS INC		Invoice Amount:	\$391.38
AV Ballot Outer Env #593		Check Date:	11/27/2018
	101-262-727.000	500 AV Ballot Outer Env #593	335.00
	101-262-727.000	Shipping	56.38
PRINTING SYSTEMS INC		Invoice Amount:	\$450.08
AV Ballot Return Envelopes		Check Date:	11/27/2018
	101-262-727.000	3000 AV Ballot Ret Envelopes	380.25
	101-262-727.000	Shipping	69.83
PRINTING SYSTEMS INC		Invoice Amount:	\$1,057.89
November 6, 2018 General Election Supplies		Check Date:	11/27/2018
	101-262-727.000	Electronic Poll Book #490	168.00
	101-262-727.000	AV Poll Bk - Multiple Precincts #783	171.00
	101-262-727.000	Provisional Ballot Envelope #620	75.00
	101-262-727.000	Provisional Ballot Env to Clk #625	35.00
	101-262-727.000	Local Clerk Envelope #641	85.00
	101-262-727.000	Bd Canvas/Probate Env #642	85.00
	101-262-727.000	County Clk Envelope #643	85.00
	101-262-727.000	Spoiled/Def Envelope #645	100.00
	101-262-727.000	VAT Envelope #650	30.60
	101-262-727.000	Ballot Cont Certificate #556	40.00
	101-262-727.000	Prec Trans Container Cert #438	10.00
	101-262-727.000	I Voted Stickers #546	144.00
	101-262-727.000	Shipping	29.29
PROMOZING		Invoice Amount:	\$90.00
2-sided Voter Cards, custom cut		Check Date:	11/27/2018
	101-262-813.000	2-Sided Voter Cards	90.00
PROMOZING		Invoice Amount:	\$300.00
AV Application to Vote		Check Date:	11/27/2018
	101-262-813.000	AV Applications to Vote	300.00
AIRGAS USA, LLC		Invoice Amount:	\$54.76
Oxygen for Cutting Torch 10/31/18		Check Date:	11/27/2018
	592-291-851.000	Oxygen Industrial 20 CGA 540	20.60
	592-291-851.000	Acetylenemc	27.91
	592-291-851.000	Hazmat Charge	6.25

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

AIRGAS USA, LLC Oxygen 101-336-836.000 Oxygen	Invoice Amount: \$344.36 Check Date: 11/27/2018 344.36
AIRGAS USA, LLC Oxygen 101-336-836.000 Oxygen tanks	Invoice Amount: \$336.32 Check Date: 11/27/2018 336.32
R A F T Chief to attend Blue Card recertification Nov 7-8 101-336-960.000 Blue Card recertification for Chief Nov	Invoice Amount: \$250.00 Check Date: 11/27/2018 250.00
REID, JOHN E. & ASSOCIATES, INC. Interview/Interrogation Tech. Trg - Officer Schem 101-305-960.000 Trg dates - 8/20/18 - 8/23/18	Invoice Amount: \$575.00 Check Date: 11/27/2018 575.00
Rocket Enterprise, Inc. 6x10 Annual Flag Service - Township Park Invoice 101-691-931.000 Annual Flag Service Inv. # 139684	Invoice Amount: \$325.00 Check Date: 11/27/2018 325.00
ROZUM, CHARLES Uniform Clothing Reimbursement - 2018 101-305-758.000 Per Contract (Detective Bureau)	Invoice Amount: \$263.03 Check Date: 11/27/2018 263.03
SCOTTY'S POTTIES Outdoor potty for fire on Powell Road 101-336-960.000 Potty Rental 7/24/18 Powell Road fire	Invoice Amount: \$100.00 Check Date: 11/27/2018 100.00
SERENE LANDSCAPE GROUP TURF ROUND 6 592-172-776.000 INVOICE 39298	Invoice Amount: \$57.50 Check Date: 11/27/2018 57.50
SERENE LANDSCAPE GROUP TURF FERTILIZATION ROUND 6 101-691-931.000 INVOICE 39297	Invoice Amount: \$102.75 Check Date: 11/27/2018 102.75
SERENE LANDSCAPE GROUP TURF ROUND 6 101-691-931.000 INVOICE 39299	Invoice Amount: \$455.00 Check Date: 11/27/2018 455.00
SERENE LANDSCAPE GROUP FERTILIZATION ROUND 6 101-336-776.000 INVOICE 39294	Invoice Amount: \$85.00 Check Date: 11/27/2018 85.00
SERENE LANDSCAPE GROUP FERTILIZATION ROUND 6 101-691-931.000 INVOICE 36296	Invoice Amount: \$262.50 Check Date: 11/27/2018 262.50
SERENE LANDSCAPE GROUP FERTILIZATION 6 101-336-776.000 INVOICE 39293	Invoice Amount: \$111.25 Check Date: 11/27/2018 111.25
SERENE LANDSCAPE GROUP FERTILIZATION ROUND 6 LANDSCAPE MAINTEN 101-265-858.000 INVOICE 39295	Invoice Amount: \$800.00 Check Date: 11/27/2018 800.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION****SERENE LANDSCAPE GROUP**

FERT ROUND 6; SPECIAL INSECT CONTROL

101-265-776.000

INVOICE 39280

Invoice Amount:**\$957.50****Check Date:****11/27/2018**

957.50

SHI International Corp.

Document Scanner, Part PA03670-B085 Quote 16

101-325-727.000

Fujitsu fi-7160 Document Scanner,

Invoice Amount:**\$880.00****Check Date:****11/27/2018**

880.00

SPALDING DEDECKER ASSOCIATES, INC.

Spalding DeDecker - Nov. 2018 Invoice (minus Bu

101-371-818.500

Invoice # 78159 - Monthly Retainer

500.00

101-371-818.500

Inv # 78118 - Chase Bank. - PLANNING

650.00

101-851-971.000

Inv# 78131 - CDBG Friendship Station

1,375.00

592-172-818.000

Inv# 78132--Ply. Twp. Eng. Stds.

525.00

592-172-818.000

Inv# 778133-Water Tower Cathodic Protect

912.50

101-290-818.000

Inv# 78136--Miss Dig Design Ticket - DPW

2,415.00

101-290-818.000

Inv78137---AT&T #A01CVJP Service-DPW

172.50

101-290-818.000

Inv# 78138 -123Net Couduit Install-DPW

230.00

101-290-818.000

Inv#78139--Comcast #CF75347RLR18-DPW

460.00

101-290-818.000

Inv#78140-Comcast #CF775957RLR18-DPW

302.50

101-290-818.000

Inv#78141-123NET Service-Anchor-DPW

690.00

101-290-818.000

Inv 78142-123NET Service-Clipper-DPW

517.50

101-290-818.000

Inv#78143-UCI Service -Plymouth Oaks-DPW

707.50

101-290-818.000

Inv#78144-AT&T 44511 AA Rd #A01DTJH-DP

650.00

SURE-FIT LAUNDRY CO.

Prisoner Blanket Cleaning Inv. 409281 11/15/18

101-325-851.400

Blanket Cleaning

Invoice Amount:**\$29.25****Check Date:****11/27/2018**

29.25

SURE-FIT LAUNDRY CO.

Prisoner Blanket Cleaning Inv. 407091 9/27/18

101-325-851.400

Blanket Cleaning

Invoice Amount:**\$47.25****Check Date:****11/27/2018**

47.25

Tara Getaways LLC

PWS18-0039, PSW18-0040, PSW18-0041

592-100-422.000

3 WATER TAPS

5,325.00

592-100-426.000

2 SANITARY INSPECTIONS

900.00

Invoice Amount:**\$6,225.00****Check Date:****11/27/2018****TireHub, LLC**

Police Dept. Tires Inv. 5075749 10/17/18

101-305-863.000

2455518 GY Eagle RS Tires

2,660.40

101-305-863.000

2555020 GY Eagle RS Tires

688.04

Invoice Amount:**\$3,348.44****Check Date:****11/27/2018****USA BLUEBOOK**

Marking Equipment 09/19/2018

592-291-935.000

Flag 21' Wire Staff (Blue)

79.20

592-291-935.000

Rust-Oleum Inverted Paint Blue

55.50

592-291-935.000

Rust-Oleum Inverted Paint Green

55.50

592-291-935.000

Freight

52.35

Invoice Amount:**\$242.55****Check Date:****11/27/2018****USA BLUEBOOK**

Marking Equipment 11/05/18

592-291-935.000

Flag 21' Wire Staff (Blue)

158.40

592-291-935.000

Rust-Oleum Inverted Paint Blue

111.00

592-291-935.000

Rust-Oleum Inverted Paint Green

55.50

592-291-935.000

Freight

60.90

Invoice Amount:**\$385.80****Check Date:****11/27/2018**

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

VIGILANTE SECURITY PRN Monitoring 11/15/2018-02/14/2019 592-172-818.000 15275 Northville Rd.	Invoice Amount: Check Date:	\$105.00 11/27/2018 105.00
W.J.O'NEIL COMPANY CONDENSATE LEAK IN COMPUTER ROOM 101-265-776.000 INVOICE 22726	Invoice Amount: Check Date:	\$385.00 11/27/2018 385.00
W.J.O'NEIL COMPANY NO HEAT IN MAIN BUILDING 101-265-776.000 INVOICE 22920	Invoice Amount: Check Date:	\$966.97 11/27/2018 966.97
WAYNE COUNTY Wayne County Roads - DPS 592-291-932.000 Wayne County Roads - DPS	Invoice Amount: Check Date:	\$255.31 11/27/2018 255.31
WAYNE COUNTY August 2018 Prisoner Housing Inv. 297135 11/1/ 101-305-832.000 August Prisoner Housing	Invoice Amount: Check Date:	\$910.00 11/27/2018 910.00
WCA ASSESSING WCA Assessing -October 2018 Billing -Legal Seric 101-209-826.000 October 2018 Legal Services	Invoice Amount: Check Date:	\$1,827.93 11/27/2018 1,827.93
Thomas Reuters -WEST PAYMENT CENTER Clear Investigations Advanced Inv. 839158466 11 101-305-960.000 October 1-31, 2018	Invoice Amount: Check Date:	\$294.78 11/27/2018 294.78
WESTERN TWNSPS UTILITIES AUTHORITY 2009 Series Bond Prin & Int 592-100-185.000 2009 Series Bond Interest 592-100-185.000 2009 Series Bond Principal	Invoice Amount: Check Date:	\$370,868.57 11/27/2018 6,378.57 364,490.00
WESTERN TWNSPS UTILITIES AUTHORITY 2012 Series Bond Prin & Int 592-100-185.000 2012 Series Bond Interest 592-100-185.000 2012 Series Bond Prinipal	Invoice Amount: Check Date:	\$1,258,292.58 11/27/2018 140,997.58 1,117,295.00
KCI Printing and Postage for 2019 Pers. Prop. Statem 101-290-730.000 Print & Post for 2018 Pers. Prop. Stmts	Invoice Amount: Check Date:	\$332.54 11/27/2018 332.54
WINDER POLICE EQUIPMENT Flares for Road Emergencies Inv. 20182455 11/0 101-305-851.000 30 minute fuses w/wire	Invoice Amount: Check Date:	\$1,365.00 11/27/2018 1,365.00
Xiotech Corporation - X-IO SAN ISE Software Annual Maintenance Renewal 101-290-941.000 ISE Software Maint 11/1/18 - 10/31/19	Invoice Amount: Check Date:	\$1,069.20 11/27/2018 1,069.20
RANDAZZO PERMIT REFUND 101-371-965.000 PM18-0549	Invoice Amount: Check Date:	\$60.00 11/27/2018 60.00
Total Amount to be Disbursed:		\$1,885,644.25

Charter Township of Plymouth
AP Invoice Listing - Board Report

D. Brondy Page: 1/1
11/14/18

VENDOR INFORMATION

INVOICE INFORMATION

35TH DISTRICT COURT
Bond Receipt 11/08/2018

702-100-087.000 7786

Invoice Amount: \$300.00
Check Date: 11/17/2018
300.00

35TH DISTRICT COURT
Bond Receipt 11/09/2018

702-100-087.000 7789

Invoice Amount: \$300.00
Check Date: 11/17/2018
300.00

Total Amount to be Disbursed: \$600.00

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

Weekly
11/14/18
Page: 1/3

VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL

Defined Contribution - PAYDATE November 9, 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: \$4,904.53
Check Date: 11/14/2018

1,598.26
1,226.16
2,080.11

AT & T

AT&T - Telephone Allocation October 2018 - R01-

101-201-853.000 Information Services
101-209-853.000 Assessing
101-371-853.000 Building
101-336-853.000 Fire
101-305-853.000 Police
101-171-853.000 Supervisor
101-253-853.000 Treasurer
101-215-853.000 Clerk
101-371-853.500 Community Development
101-325-853.000 Dispatch
592-172-853.000 Water/Sewer
101-265-854.000 Twp Hall
101-691-853.000 Park

Invoice Amount: \$2,059.61
Check Date: 11/14/2018

140.84
84.10
234.43
370.06
374.90
219.17
186.98
109.21
87.26
141.03
51.91
33.49
26.23

C.O.A.M. - PLYMOUTH TOWNSHIP

COAM Union Deductions-November 2018

101-100-232.050 Fetner, William J.
101-100-232.050 Krebs, Ryan
101-100-232.050 Selpenko, Todd A.
101-100-232.050 Hoffman, Marc
101-100-232.050 Rupard, Bryan

Invoice Amount: \$363.20
Check Date: 11/14/2018

72.64
72.64
72.64
72.64
72.64

DTE ENERGY

DTE Service - Municipal Street Light October 2018

101-446-920.000

September 2018 Municipal Street Light

Invoice Amount: \$5,494.38
Check Date: 11/14/2018

5,494.38

JOHN HANCOCK LIFE INSURANCE CO.

JOHN HANCOCK EMPLOYEE CONTRIB 11-9-18 (s

101-100-231.000

Employee Contribution (EEMBT)(EEVND)

Invoice Amount: \$4,122.11
Check Date: 11/14/2018

4,122.11

JOHN HANCOCK LIFE INSURANCE CO.

JOHN HANCOCK EMPLOYER PEN MATCH 11-9--18

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
592-291-714.010

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
DPW (Fellrath & Hamann)

Invoice Amount: \$14,939.72
Check Date: 11/14/2018

230.63
990.60
563.36
1,817.58
954.29
631.21
286.99
3,201.26
249.75
1,180.97
238.39
811.24
315.79
2,495.50
972.16

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION****MICHIGAN CONFERENCE OF TEAMSTERS**

Health insurance -December 2018 (DPW) (individ

592-291-714.000

Bartlett, James

592-291-714.000

Krueger, Randy

592-291-714.000

Melow, Steven

592-291-714.000

Overaitis, Joseph

592-291-714.000

Scholten, James

592-291-714.000

Thomas, James

592-291-714.000

Nelson, David

Invoice Amount: \$13,636.00**Check Date: 11/14/2018**

1,948.00

1,948.00

1,948.00

1,948.00

1,948.00

1,948.00

1,948.00

NATIONWIDE RET SOL USCM/MIDWEST

Nationwide - Contribs. for payending 11-4--18- sp

101-100-239.000

Contributions for payending 11-4-18

Invoice Amount: \$16,413.00**Check Date: 11/14/2018**

16,413.00

P.O.A.M. - PLYMOUTH TOWNSHIP

POAM & Dispatch Union Dues - November 2018 (

101-100-232.010

POAM Union Dues 10-18

101-100-232.040

Dispatch Union Dues 10-18

Invoice Amount: \$2,003.44**Check Date: 11/14/2018**

1,483.44

520.00

TEAMSTER LOCAL # 214

Teamster Local #214 November 2018

101-100-232.030

Bartlett, James

101-100-232.030

Krueger, Randy

101-100-232.030

Melow, Steven

101-100-232.030

Overaitis, Joseph

101-100-232.030

Scholten, James

101-100-232.030

Thomas, James

101-100-232.030

Nelson, David

101-100-232.030

Pumphrey, Zachary

101-100-232.030

Kitchen, Spencer

Invoice Amount: \$479.00**Check Date: 11/14/2018**

55.00

58.00

58.00

55.00

55.00

55.00

52.00

50.00

50.00

46.00

TECHNICAL, PROFESSIONAL AND OFFICE-

TPOAM Union Deductions - November 2018

101-100-232.060

Bonadeo, Karen E.

101-100-232.060

Bono, Jennifer A.

101-100-232.060

Devoto, Claudia P.

101-100-232.060

Gordon, Cheryl

101-100-232.060

Haack, David

101-100-232.060

Jowsey, Nancy

101-100-232.060

Kline, Anne E.

101-100-232.060

Latawiec, Kelly

101-100-232.060

Leclair, Diane L.

101-100-232.060

MacDonald, Kenneth E.

101-100-232.060

Martin, Carol R.

101-100-232.060

Palmarчук, Cheri

101-100-232.060

Truesdell, Mary Ann

101-100-232.060

Visel, Sarah J.

101-100-232.060

Geletzke, Alice

101-100-232.060

Richardson, Mike

101-100-232.060

MacDonell, Carol

Invoice Amount: \$418.50**Check Date: 11/14/2018**

31.00

15.50

15.50

31.00

31.00

31.00

31.00

31.00

31.00

31.00

31.00

15.50

31.00

15.50

15.50

15.50

WESTERN TWNSPS UTILITIES AUTHORITY

WTUA - October 2018

592-441-742.000

Monthly Charges

592-441-743.000

YUCA IPP-IWC

592-443-937.000

Country Acres Pump Station

Invoice Amount: \$152,835.39**Check Date: 11/14/2018**

147,494.93

4,697.42

643.04

Charter Township of Plymouth
AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION****WOW! BUSINESS**

Internet Friendship Station Service Charges Octo
101-265-854.000
588-588-921.000

Service Charges
Taxes, surcharges & fees

Invoice Amount: \$17.25
Check Date: 11/14/2018
16.22
1.03

Total Amount to be Disbursed: \$217,686.13

Charter Township of Plymouth
AP Invoice Listing - Board Report

Special ^{Page 1} ~~Item~~
11/9/18

VENDOR INFORMATION

INVOICE INFORMATION

VILLET, GUY

Invoice Amount:

\$2,065.91

Payroll for Guy Villet week 46

Check Date:

11/09/2018

101-336-706.000

Week 46 Payroll for Guy Villet

2,065.91

Total Amount to be Disbursed:

\$2,065.91

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM E
PUBLIC COMMENTS AND QUESTIONS
(Limited to 3 Minutes)
NOVEMBER 27, 2018**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

ITEM F.1

**PROPOSEE REGIONAL WATER
PURCHASING PLAN THROUGH WTUA**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 27, 2018

ITEM: Proposed Regional Water Purchasing Plan through the Western Townships Utilities Authority (WTUA).

PRESENTERS: DPW Director Fellrath, Aaron Sprague, WTUA Executive Director

BACKGROUND: The Canton and Northville Township Supervisors have proposed that Canton, Northville and Plymouth Townships jointly purchase water from the Great Lakes Water Authority (GLWA) through the Western Townships Utilities Authority (WTUA). The idea of group purchasing of water is not new, and has been done for years by a consortium of communities in Oakland County, for example. The benefits of group purchasing are like buying any type of commodity in bulk – you should save more the more you buy. It has been suggested that our three communities could see a reduction in our water bills of 2-3 percent a year through this plan.

At WTUA meetings I have raised concerns about three things – the possible adverse impact on our existing water infrastructure, including our water towers, the impact on our future growth (e.g. Five Mile) and whether group purchasing through WTUA could be extended to Salem Township for their future projects. Director Fellrath has also raised concerns regarding the impact on our water infrastructure assets.

WTUA hired OHM Engineers to do a study to see what the impacts would be on Canton and Northville's infrastructure. I said that we would be doing our own independent study through HRC Engineers. I believe HRC is asking for \$32,000-\$35,000 for the study that would come out of our water budget. I've since told Patrick to hold off as I wanted WTUA to pay for the study. WTUA, through its Chairman, Supervisor Nix, asked Aaron Sprague to see if OHM would do the study of our system instead, and they are getting a quote. OHM, however, is not as familiar with our system as HRC.

At our Board Meeting on November 27, I have asked Aaron Sprague as Executive Director of WTUA to explain this proposal for group purchasing of water in more detail, and for Patrick to share his concerns as well. If we want to hire HRC to do a study, I would feel more comfortable to have you all weigh in on it, given its cost and the policy implications of group purchasing on our Township water systems.

If we decide not to proceed with this proposal, then I would want a motion instructing me to hold off on it, or reject it altogether, that I can share with WTUA, Canton, and Northville.

PROPOSED MOTION: To be determined by the Board

Moved By _____ Seconded By _____

ROLL CALL:

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

ITEM F.2

**PHOENIX MILL REZONING
RESOLUTION # 2018-11-27-85**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 27, 2018

ITEM: Phoenix Mill Rezoning (PC Application #2310-1018)
Resolution # 2018-11-27-85

PRESENTERS:

Ms. Laura Haw, AICP, NCI, Planning Director
Critical Mass, LLC Representatives

BACKGROUND AND REZONING REQUEST:

When Wayne County Executive Warren C. Evans assumed office in January of 2015, he brought with an aggressive recovery plan to re-direct the severely distressed County's financial course. As part of this, it was advised that the County explore selling surplus assets to reduce carrying costs, and create additional revenue through new private reuse. One such asset identified was the surplus Wayne County Department of Public Service yard known locally as "Phoenix Mill".

Phoenix Mill is located at 14973 Northville Road and situated on an approximate five acre, publically zoned parcel in the Township, bounded by Edwards Hines Drive, Northville Road and M-14 (see enclosed marketing flyer from NAI Farberman for parcel details). The subject site contains the historic two-story Albert Khan industrial structure, which was designed for the Ford Motor Company and completed in 1922. The original use was as part of Henry Ford's "village industries", and included a mill which generated power from a hydro-electric wheel. Phoenix Mill, however, might best be known for being the location of the first all-female, equal pay workforce in the United States. At this time the factory was making resistors and switches that supplied the company during wartime efforts.

After the factory became obsolete, it was donated to the Wayne County Parks Division where it has served as a yard and for storage. Wayne County's Department of Public Service relocated its yard operations from Phoenix Mill in 2007, and the site has remained vacant since.

Accordingly, after significant due diligence and a transparent marketing period, the Charter County of Wayne elected to pursue a purchase agreement with developers Richard Cox and Greg Donofrio, known as "Critical Mass LLC", for the sale of "Phoenix Mill".

Wayne County believes Critical Mass LLC is the correct selection due to the development team's experience repurposing historic buildings for productive use (enclosed, please find the Critical Mass LLC Development Plan). In order to realize this development proposal, a rezoning (text amendment to the Township Zoning Map) from the current district, PL, Public Lands, to the C-2, General Commercial district is necessary.

On November 14, 2018, the Planning Commission held a public hearing to consider the rezoning where Township Trustee Jack Dempsey made positive remarks on the redevelopments and its reuse of a historic structure for its original intended commercial purpose (as this project will create and maintain jobs and enhance the environment quality of the site). Additional comments were made by members of the

public, including a Livonia resident who was interested in hearing Critical Mass's presentation and how they intent to open the site for public enjoyment, and Nancy Darga who stressed the importance of parkland to remain as dedicated public open space.

After review, the Planning Commission then recommended approval of the requested rezoning for Parcel R-78-018-03-0073-701 (commonly known as the Phoenix Mill) to the Township Board of Trustees for consideration.

PROPERTY DISPOSITION DETAILS:

The following section provides answers to frequently asked questions which provide transparency to the marketing and sale process. The property located at 14973 Northville Road, Plymouth Michigan was marketed by brokers Paul Debono and Albert Ellis from NAI Farbmman, a Michigan based firm.

Details:

- The asking price was \$605,000.
 - Marketing to the public ran from October 2nd 2017, with information available on CoStar, LoopNet and multiple national real estate publications, through February 7th 2018.
 - Wayne County's commission approved brokers conducted eleven (11) 1-on-1 tours.
 - In addition to the 1-on1 tours, brokers held two open houses during the request for final offer submissions on the following dates:
 - Tuesday, February 1st from 1:00pm to 3:00pm – Nine (9) different prospects toured during this Open House.
 - Tuesday, February 6th from 1:00pm to 3:00pm – Eight (8) different prospects toured during this final Open House.
 - By February 7th at 4:00 p.m., Wayne County had received five (5) qualified written offers that met the request criteria. Three (3) other offers were submitted either verbally, or via email, but were either very low dollar, sight unseen, and/or unqualified use (e.g. Industrial). These offers were disqualified as not credible in the final review of bids.
 - Wayne County then considered the five (5) final bids, and assessed their merit based on*:
 - Offer Price;
 - Scope of Project;
 - Financial resources;
 - Community benefit; and
 - Developer experience.
- *Note that a review session was held at County offices to go over each offer, and included Plymouth Township representation.*
- The top two (2) prospects were then personally interviewed in conjunction with representation from Plymouth Township to decide on the selection.
 - The proposal by Critical Mass LLC, and an offer price of \$615,000 was then selected from the group.

DEVELOPMENT PROPOSAL DETAILS:

The enclosed Critical Mass LLC Proposal involves a mixed use development that focuses on hospitality/food/entertainment that will serve patrons of Hines Park, residents of Plymouth Township and the larger Plymouth community.

Critical Mass LLC also provided two letters of intent to lease from food service and banquet operators. The result will be an initial thirty (30) temporary construction jobs, and then twenty five (25) permanent jobs.

Other agreement details include:

- Critical Mass LLC must begin construction within six (6) months of closing.
- Critical Mass LLC must make a minimum investment into the project of two-million, five hundred thousand dollars (\$2,500,000) within eighteen (18) months of closing. If Critical Mass LLC does not reach this threshold, the County has ninety (90) days to exercise an option to repurchase the property for the purchase price.
- The purchaser shall have thirty (30) days after Wayne County Commission approval ("due diligence period") to assess the property's physical condition, secure financing commitments, review title and obtain environmental reports.
- The property is being sold "as is".
- After the due diligence period and commission approval, assuming all required conditions in the development agreement are fulfilled, the title will be conveyed within fifteen (15) days of the purchaser providing written notification of its desire to close.
- The signed purchase and development agreement, which has already been presented to the Wayne County Commission, and now awaits a hearing date for approval, includes the following requirements:
 - Critical Mass LLC agrees to use commercially reasonable efforts to hire, and to cause its contractors and subcontractors to hire, at least thirty percent (30%) of all contractors, subcontractors, vendors and suppliers who are businesses certified by the Wayne County Human Relations Division as "Wayne County Based Businesses".
 - Critical Mass LLC agrees to ensure that at least sixty percent (60%) of the construction workers will be Wayne County residents, known as the "County Resident Hiring Goal".
 - If Critical Mass LLC does not achieve the "Wayne County Based Businesses" and "County Resident Hiring Goal", the County is entitled to liquidated damages from Critical Mass LLC in the amount of one thousand dollars (\$1,000) per each whole percentage point where the actual percent of construction workers awarded to "Wayne County Based Businesses" or "County Resident Hiring Goal" falls short.
 - As part of that agreement, Critical Mass LLC will maintain the Middle Rouge Bridge in compliance with all applicable laws, rules and regulations.
 - The County will still have access to maintenance on Northville Road.

RECOMMENDATION:

To approve PC Application #2310-1018, as recommended by the Planning Commission.

PROPOSED MOTION:

Move to adopt Resolution #2018-11-27-85 authorizing a text amendment to the Plymouth Township Zoning Map of Parcel R-78-018-03-0073-701 from PL, Public Lands, to C-2, General Commercial (PC Application #2310-1018).

Moved by: _____ Seconded by: _____

ROLL CALL:

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

Enclosed: Original Marketing Flyer from NAI Farbman
 Critical Mass LLC Development Proposal
 Planning Commission Rezoning Report (dated November 8, 2018)

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

**RESOLUTION # 2018-11-27-85
REZONING OF THE PHOENIX MILL LOCATION**

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on November 27, 2018, the following resolution was offered:

WHEREAS, it is the responsibility of the Charter Township of Plymouth Board of Trustees to approve and oversee the recommendations of the Plymouth Township Planning Commission and,

WHEREAS, after review and analysis by the Planning Commission, including input received at a Public Hearing on November 14, 2018, it was recommended that the Township Board of Trustees approve the requested rezoning for Parcel R-78-018-03-0073-701 (commonly known as the Phoenix Mill) located at 14973 Northville Road.

NOW THEREFORE, BE IT RESOLVED, that the Charter Township of Plymouth, by way of this resolution #2018-11-27-85, hereby concurs with the recommendation of the Township Planning Commission, and authorizes a text amendment to the Plymouth Township Zoning Map of Parcel R-78-018-03-0073-701 from PL, Public Lands, to C-2, General Commercial (PC Application #2310-1018).

Moved by: _____ Supported by: _____

ROLL CALL VOTE:

____ CC, ____ JD, ____ JV, ____ MC, ____ RD, ____ GH, ____ KH

Certification

STATE OF MICHIGAN)
)
COUNTY OF WAYNE)

I hereby certify that the foregoing is a true and complete copy of the resolution adopted by the Board of Trustees at the regular Board Meeting dated November 27, 2018.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution # 2018-11-27-85



NOTICE OF ADOPTION

CHARTER TOWNSHIP OF PLYMOUTH ORDINANCE NO. 99.029

AMENDED ZONING MAP NO. 024

AN ORDINANCE TO AMEND THE ZONING ORDINANCE OF THE CHARTER TOWNSHIP OF PLYMOUTH BY AMENDING THE ZONING MAP, RESOLUTION # 2018-11-27-85.

THE CHARTER TOWNSHIP OF PLYMOUTH ORDAINS:

- Part I. The Charter Township of Plymouth Zoning Ordinance No. 99 is hereby amended by amending the Zoning Map in accordance with the changes indicated on Amended Zoning Map No. 024, attached hereto and made part of this Ordinance.



ZONING CHANGE

FROM: PL, Public Lands

TO: C-2, General Commercial

LEGAL DESCRIPTION: For parcel/lot descriptions, see tax records based on Tax ID No. R-78-018-03-0073-701.

- Part II. **CONFLICTING REVISIONS REPEALED.** Any Ordinance or parts of Ordinance in conflict herewith, are hereby repealed.
- Part III. **EFFECTIVE DATE.** The provisions of the Ordinance are hereby declared to take effect by December 25, 2018.
- Part IV. **ADOPTION.** This Ordinance was adopted by the Charter Township of Plymouth Board of Trustees by authority of Act 110 of Public Acts of Michigan, 2006, as amended, at a meeting duly called and held on November 27, 2018 and ordered to be given publication in the manner prescribed by law. The Ordinance may be inspected at the Plymouth Township Hall, Community Development Department, during regular business hours.

Adopted by the Board of Trustees on: November 27, 2018

Effective Date: (by) December 25, 2018

Publish by: December 18, 2018



Phoenix Road Yard

14973 Northville Rd
Plymouth, Michigan 48170

Property Highlights

- Prime Redevelopment Opportunity
- 15,000 SF Albert Kahn Industrial Bldg Situated on 5.15 Acres
- Frontage on Northville Rd, I-275 and Hines Dr
- Portion of the South East Property Could Accommodate Communication Tower
- Township Open to Re-zoning to Appropriate Zoning Classification with Potential PUD

OFFERING SUMMARY

Sale Price	\$605,000
Lot Size	5.15 Acres; 224,552 SF
Taxes	Currently Exempt
Tax Parcel	78-018-03-0073-01
Current Zoning	PL-Public Land

DEMOGRAPHICS

Stats	Population	Avg. HH Income
1 Mile	5,580	\$93,631
3 Miles	62,668	\$100,977
5 Miles	184,972	\$100,219

For more information

Paul DeBono

O: 248 351 4356
debono@farbman.com

Albert Ellis

O: 313 483 7662
ellis@farbman.com

For Sale

Land

5.15 Acres



NAIFarbman
Commercial Real Estate Services, Worldwide.

 
WWW.NAIFARBMAN.COM
MIDWEST EXPERTISE. GLOBAL REACH.

28400 Northwestern Hwy
Fourth Floor
Southfield, MI 48034
248 353 0500 tel
naifarbman.com

For Sale
Land
5.15 Acres

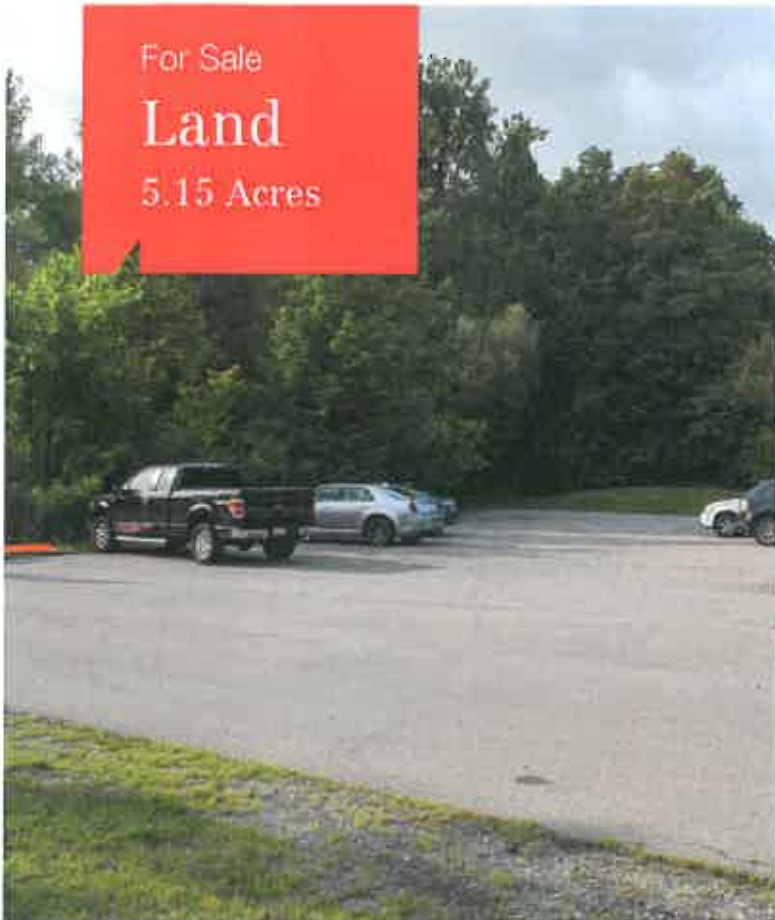


NAIFarbman
Commercial Real Estate Services, Worldwide.

 
WWW.FARBMAN.COM
MIDWEST EXPERTISE. GLOBAL REACH.

28400 Northwestern Hwy
Fourth Floor
Southfield, MI 48034
248 353 0500 tel
naifarbman.com

For Sale
Land
5.15 Acres



NAIFarbman
Commercial Real Estate Services, Worldwide.

  
WWW.FARBMAN.COM
MIDWEST EXPERTISE. GLOBAL REACH.

28400 Northwestern Hwy
Fourth Floor
Southfield, MI 48034
248 353 0500 tel
naifarbman.com

THE HENRY PROJECT

A Mixed-use Destination for Community Enrichment

Phoenix Mill Revitalization Development Proposal

14973 Northville Rd. Plymouth, Michigan

February 7th, 2018

Submitted by: Critical Mass LLC

Table of Contents

1. VISION
2. EXISTING BUILDING CONDITIONS
3. DEVELOPMENT PLAN
 - A. Consistency with Township Master Plan & Zoning
 - B. Township & Resident Approved Commercial Uses
 - C. Community Support
 - D. Thoughtful & Meaningful Physical Revitalization
 - E. Supportive Local Partners & Tenants
 - F. Community Benefit & Job Creation
 - G. Realistic Schedule & Timing
 - H. Strong Ownership & Financing Plan
4. DEVELOPMENT & PROJECT TEAM
5. EXHIBITS
 - A. Recognition of Success: Water Wheel Centre Revitalization
 - B. Financing Letter of Reference
 - C. Proforma / Economics
 - D. Legal Description

MASS, LLC will be requesting a Planned Unit Development consistent with the provisions of Article 2 of the Town of Plymouth Zoning Ordinance No. 99. Detailed Project Narrative of Proposed Land Use and General Development Plan are included immediately following this page. Additional Applications will be submitted directly to the Commission of Plymouth during the PUD application process.

Section 1: VISION

The Phoenix Mill Building has both national and local historical significance. The building's direct connection to Henry Ford, the early growth of the American automobile industry, and the American war effort in World War II, are important to the citizens of the local communities surrounding the building. Of equal importance, the plant employed an almost all-female workforce and can be seen as an early step in the fight for women's equality in the workplace and improved working conditions in the manufacturing environment (conditioned air and the advent of the "coffee break"). Additionally, the building is one of the few remaining structures reminding the local community of the lost nineteenth-century community of Phoenix. It is for these reasons Critical Mass proposes a comprehensive revitalization of the historic Phoenix Mill Building and site (the "Henry Project") to bring it to life once again - a place where people of the local communities can once again play a role in telling these great stories and sharing a piece of this building's great future.

Keeping it seamlessly integrated it into the surrounding park system, our vision is to create an intimate two-story hospitality-centered development, with views of Phoenix Lake, that will rejuvenate and transform the entire property into a beloved community destination.

THE PROJECT WILL INCLUDE:

1. The restoration and rehabilitation of the Phoenix Mill building with special attention paid to the preservation of this historically important building.
2. A redevelopment focused on Restaurant and Retail, with 2-3 tenants, whose primary emphasis will be on the site's historic themes.
3. Improved streetscape and signage along Northville Rd and Hines Park Drive
4. Opening a currently closed off vacant site to provide the community with improved access to the Middle Rouge Park area.
5. A redeveloped garden/park area with flower beds, bicycle parking, and walking/biking trails.
6. An outside courtyard open to the public when not in private use.

THE PROJECT SUCCESS WE BE A RESULT OF:

1. Consistency with Township Master Plan & Zoning
2. Township & Resident Approved Commercial Uses
3. Community Support
4. Thoughtful & Meaningful Physical Revitalization
5. Supportive Local Partners & Tenants
6. Community Benefit & Job Creation
7. Realistic Schedule & Timing
8. Strong Ownership & Financing Plan

Section 2: EXISTING BUILDING

The Phoenix Mill building was built in 1922 and served as a Ford Motor Company Village Industry factory until it was turned into a Wayne County Road Commission facility in 1948. The building has been described as a “Depression-era factory building.” The building, designed by Albert Kahn, is a reinforced concrete structure with brick veneer. The building is two stories, with the second-floor entry at ground level with Northville Road. Wayne County Department of Public Services relocated its Yard Operations to the Norton Yard in Livonia approximately 11 years ago, leaving the building vacant and in need of repair.

SITE

The Phoenix Mill site consists of approximately 5.15 acres in Plymouth Township. It is bounded by Northville Road, Hines Park Drive, and M-14 expressway. The eastern edge of the property abuts Northville Road. The original main entrance is on the eastern side of the building, facing Phoenix Lake, and is now inadequate for heavy pedestrian traffic due to previous road widening projects. The southern border of the property meets up with M-14. The western and northern borders of the property are bounded by Edward Hines Park Drive.

EXTERIOR

The East side of the building (off of Northville Rd) has ornamental trim around the windows and doors. This trim is cracking and deteriorating. In some areas, there are signs of major damage to mortar and spalling of the decorative masonry features. The window condition is poor. The steel frames, rusted and bent in some areas, will need to be removed and reconditioned. Most or all of the glass will need to be replaced. There appears to be damage near the roofline, which may be caused by deterioration of the roofing at the junction with the parapet walls.

INTERIOR

The ground floor concrete slab has been severely damaged by salt from County road trucks. The slab would most likely require a new topping slab or require grinding to remove the salt damage. Interior bathrooms, elevator, and stairwell will need to be completely reworked in order to be practical for a modern-day public establishment. The plumbing and electrical are old and inadequate for reuse and need to be brought up to code. The fire suppression system also needs to be brought up to code.

The existing boiler with radiator heat is in good working condition and has been maintained throughout the years; however, the system may require significant investment for tenant needs. The upper level flooring is reinforced concrete with traditional oak wood flooring. Most of the flooring is capable of being restored. Some areas have severe buckling. Most of the interior concrete window sills have spalled because of moisture condensing inside. The building was originally built with a hydro-electric generator and turbine run from the water that flowed beneath Northville Rd. The generator and turbine have been removed and the outlet for the water has been bulk headed and the tail race has been filled.

Section 3: DEVELOPMENT PLAN

As mentioned in the Vision section, we believe the success of the Henry Project will be because of the successful execution of following components:

1. Consistency with Township Master Plan & Zoning Ordinance No.99
2. Township & Resident Approved Commercial Uses
3. Community Support
4. Thoughtful & Meaningful Physical Revitalization
5. Supportive Local Partners & Tenants
6. Community Benefit & Job Creation
7. Realistic Schedule & Timing
8. Strong Ownership & Financing Plan

1. CONSISTENCY WITH TOWNSHIP MASTER PLAN & ZONING ORDINANCE NO.99

In the Charter Township of Plymouth's Master Plan document, it is stated that the "Township has recognized the benefit of retaining environmentally sensitive areas. Therefore, many natural features have been preserved and incorporated into development projects." One of the main tenants of the Henry Project is to repurpose the Phoenix Mill building in such a way as to not only preserve the historic factory, but also to preserve the surrounding environment and bring it back to its former glory.

Northville Rd is classified as a major thoroughfare according to MDOT with average annual daily traffic (AADT) volume between 10,000 and 19,999. One of the Township's Master Plan goals is to "Promote the existing image of the community and guide development in a manner which encourages a sense of order, identity, and open space community." This project addresses two of the strategies specified to meet that goal: "Recognize the importance of the major and minor entry points to the community and ensure that these receive special attention during the Site Plan Review process" and "Recognize the importance of shared boundaries with adjacent communities...." The Phoenix Mill building is a key entry point to the Township. The Project will turn this once proud building, now covered in vegetation, into a restored and refurbished reminder of the Township's history and heritage. The goal of the Project is to draw people in to discover this long-forgotten landmark, tell the stories of the community residents that played key roles in our Automotive and Military history, and to encourage more community members and visitors to come discover the many benefits of the Middle Rouge Parkway.

2. TOWNSHIP & RESIDENT APPROVED COMMERCIAL USES

The East side of the building (off of Northville Rd) has ornamental trim around the windows and doors. This trim is cracking and deteriorating. In some areas, there are signs of major damage to mortar and spalling of the decorative masonry features. The window condition is poor. The steel frames, rusted and bent in some areas, will need to be removed and reconditioned. Most or all of the glass will need to be replaced. There appears to be damage near the roofline, which may be caused by deterioration of the roofing at the junction with the parapet walls.



3. COMMUNITY SUPPORT

Government References

Ken Roth / Northville Mayor

Nancy Darga / Northville Mayor Pro Tem, Motor Cities, Friends of River Rouge (Interested party to the restoration of the Phoenix Mill. Led 2000 initiative to restore Phoenix Mill)

Patrick Sullivan / Northville City Manager

Water Wheel Centre Tenants

Michigan Academy of Taekwondo

HKS

BB&E Engineering

McKenna Associates

The Awkward Yeti

Digital Roots

ONE Brand Studio

AHA

InForm Studios

Planet Fitness

Paul Rose

Bob Piatek

Aaron Etnyre

John Johnson

Nick Seluk

Jason Wolcott

DJ Hurula

Ray Fischer

Gina Van Tine

Chris Kelbba

info@northvillemartialarts.com

rpiatek@hksinc.com

aetnyre@bbande.com

jjackson@mcka.com

nick@theawkwardyeti.com

jwolcott@3csi.com

dj@onebrandstudio.com

rayf@ahaonlineresearch.com

gvantime@in-formstudio.com

cklebba@pfinmi.com

Martial Arts

Architects

Engineering

Architects & Designers

Internet Marketing

Data Mining

Marketing

Auto - Marketing

Architects

Health Club

4. THOUGHTFUL & MEANINGFUL PHYSICAL REVITALIZATION

The Phoenix Mill building is a reinforced concrete frame structure with brick veneer. The building has been abandoned for several years, with weather and vegetation deteriorating the decorative exterior masonry. The Henry Project will secure, seal, and restore the modern depression-era Albert Kahn designed architectural features. The interior will be completely restored, maintaining the original automotive factory features and feel. There will be no new construction on the site and the Project will include the demolition and removal of the old Road Commission storage buildings (non-historic).

4A. Restoration of the Existing Phoenix Mill Building

The most essential aspect of the Project is the restoration of this historically important building. The current building is steadily deteriorating and closed off to the public. The Project will focus on the restoration of the building, staying true to the original architecture and styling as envisioned by Henry Ford and Albert Kahn. Due to the criticality of the preservation techniques, experience in restoration of Village Industry depression-era factory buildings is a must. The Phoenix Mill building is one of 19 original Ford Motor Company Village Industry buildings. Very few individuals/groups have the experience, ability, and supplier networks to restore these unique buildings. Richard Cox of R&D Land Development is one of these select few individuals. R&D Land Development restored another one of the Village Industry buildings, the old Northville Valve Plant (Water Wheel Centre), turning the old deteriorating valve plant into a world-class business center (www.Waterwheelcentre.com).



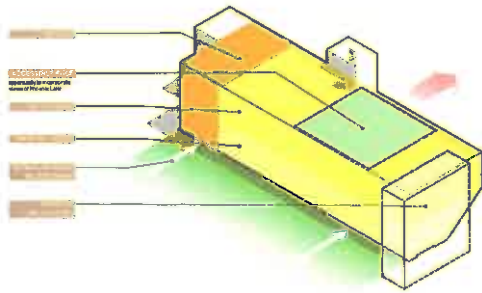
4B. Improvement and Beautification of The Surrounding Open-Space

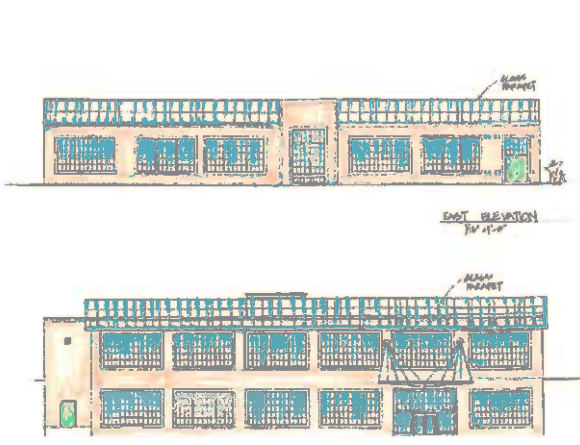
Currently, a large portion of the flat cleared land behind the Phoenix Mill building is dedicated to metal fabricated storage sheds that were previously used by the County. The sheds will be removed. The portion necessary for parking will be reconditioned to accommodate the required spaced. The remaining area will be transformed into open green space that will seamlessly blend the transition between business and park land. The community will be able to freely walk around the open grounds and enjoy the area for the first time in almost 70 years. One of the Charter Township of Plymouth's Master Plan goals of promoting "open space continuity" will be achieved with this project. Specifically, this project addresses the strategies called out in the Master Plan to "Prohibit land development which requires excessive grading and tree removal and does not provide adequate remediation" and to "Recognize that the existing wooded areas of the Township are limited in number and area. Further recognize that these areas are significant to the image of the Township and should be incorporated into future developments." The project includes incorporating the existing wooded areas into the site development plan, increasing the community's access to this green space and further increasing the community benefit.

Potential proposed uses for activating the site could include restoring the connection to water through a kayak launch and boardwalk, increasing the visual connection between the building and the adjacent Phoenix Lake, attracting cyclists by providing bicycle parking, and creating outdoor dining and seating opportunities, such as a seasonal wine or "Vino" garden.



On-Site parking will be provided above grade and is accessed from Edward Hines Drive. On-site parking will meet the vehicle parking spaces per sq.ft. requirement and will be designed primarily for retail customers. Bicycle parking will be provided for community benefit for patrons enjoying the surrounding park areas. Loading and delivery is accessed from Edward Hines Drive as well. It is the intent of Critical MASS to continue to allow park patrons to use the parking area before the bridge entrance to the main property.





ADDITIONAL CONCEPT SKETCHES



5. SUPPORTIVE LOCAL PARTNERS & TENANTS

The best way to tell the unique stories of the building with maximum community benefit is to ensure that the businesses in the building are:

1. Owned by members of the local communities
2. Dedicated to telling the unique stories through their decorations and themes
3. Appropriate to attract and allow many people to pass through and enjoy

The Restaurant Space

Critical Mass, LLC has entered into an exclusive agreement with Michelle and John Lussier of Northville to build out the first-floor level of the building. Mrs. and Mr. Lussier are the successful proprietors of two well know restaurants in Downtown Northville, Table 5 and Lucy & The Wolf. Mrs. and Mr. Lussier have agreed to design the restaurant keeping with the themes of this building's unique history. This restaurant will truly be a unique destination for people all over the metro Detroit region.

The Event/Banquet Venue

Critical Mass, LLC has entered into an exclusive agreement with Andy Genitti of Northville to build out the ground-floor level of the building. Mr. Genitti comes from a long line of Northville restaurant entrepreneurs. Mr. Genitti is of the Genitti Family, owners and operators of one of the area's most well-known restaurant/venue destinations since 1971. Genitti's Hole in the Wall in

Downtown Northville Mr. Genitti has significant experience in the banquet/event business and has also agreed to design the banquet space keeping with the historic themes of the building, including having a 1922 Ford Model T displayed in the space. People will come from all over the Metro Detroit area to host their events in this space.

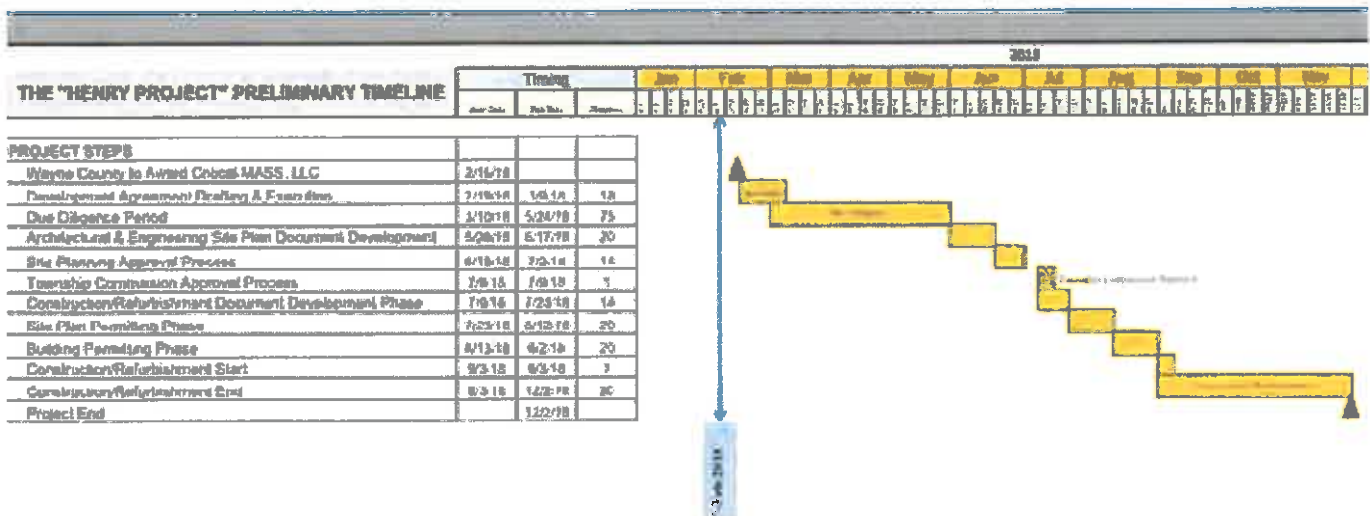
The potential tenants and business proprietors of Mrs. and Mr. Lussier and Mr. Genitti share the unique vision for the Phoenix Building Restoration and perfectly match the criteria listed above.

6. COMMUNITY BENEFIT & JOB CREATION

Through the construction/refurbishment/build-out processes, Critical MASS, LLC estimates that there will be 30 Full Time Equivalent Jobs created with contracts valued at over \$2.5 million. After project completion, direct Full Time Equivalent Job creation is estimated to be 25 jobs.

7. REALISTIC SCHEDULE & TIMING

The criticality of a proper building restoration cannot be understated. Building preservation techniques and environmental due care will take priority over speed to completion. Critical MASS, LLC is committed to working directly with the Plymouth Township Commission to make this property one that the community can take pride in and enjoy for many years to come. With that in mind, the Preliminary Timing Plan is shown in Exhibit E. The total project timing is estimated to be approximately 289 days with a completion date on December 2, 2018.



8. STRONG OWNERSHIP & FINANCING PLAN

Critical MASS intends to refurbish the Phoenix Mill building and surrounding area and hold ownership interest for the long term while leasing the majority of the interior square footage to commercial occupants. Pre-development/refurbishment costs include the entitlement process, master planning, architectural, engineering, marketing and administrative costs. Critical MASS, LLC intends to fund the project in phases according to market conditions and may fund the project with a combination of equity, debt, construction financing, and venture capital. For the initial property purchase with Wayne County, Critical Mass, LLC will invest approximately 30% equity and has begun financing discussions with local bank Monroe Bank & Trust (MB&T). MB&T has worked with the development team in financing past projects, specifically the Northville Stitching Post building project, and is a bank holding a significant amount of equity for the development team.

As the project costs are only estimations at this time, the development team is not able to fully identify the impact of items from the due diligence that may impact the economic feasibility of the project.

The estimated costs are shown in Exhibit C.

Section 4: DEVELOPMENT TEAM

The following development team as has worked together on the restoration of the Ford Northville Valve Plant over the last 20+ years. In addition, they have also worked together on other commercial real estate Brownfield restoration projects, including the Northville Stitching Post building at the entrance to the City of Northville.

GREGORY M. DONOFRIO Owner of Critical MASS, LLC.

Mr. Donofrio holds a Master's Degree in Mechanical engineering with over 15 years of experience in Engineering and Operations Management and Project Management. Mr. Donofrio has Greenfield manufacturing site development experience, managing and launching 4 building projects totaling more than 400,000 sq.ft. in Thailand and China with PP&E spending of over \$140 million USD. In addition, Mr. Donofrio has experience in transitioning and launching over 400,000 sq.ft. of Brownfield factory space in the United States. Mr. Donofrio has strong automotive industry experience and has a passion for the automotive manufacturing industry, Ford Motor Company, and factory redevelopment. Mr. Donofrio has worked in partnership with Mr. Cox for the last 20 years on the demolition, restoration, and repurposing of the Northville Valve Plant project. Like Mr. Cox, Mr. Donofrio also understands the required care and unique challenges of restoring a Village Industry plant.

RICHARD D. COX Owner of Critical MASS, LLC. Owner of R&D Land Development, LLC.,

Mr. Cox is a degreed Mechanical Engineer with over 30 years of experience running his own manufacturing company. Mr. Cox was a licensed Professional Engineer for 40 years. Mr. Cox, along with his wife Diane L. Cox, have owned and restored the historic Ford Village Industry Northville Valve Plant over the past 23 years. There are very few people in the area, if any, who understand the unique challenges of restoring a Henry Ford/Albert Kahn Village Industry building as well as Mr. Cox does. Mr. Cox is uniquely qualified to manage the restoration work of the Phoenix Mill building, having accrued the knowledge, experience, and supply base contacts from the Northville Valve Plant restoration project. Additionally, the Northville Valve Plant restoration has received numerous accolades, including being called the "Gold Standard" of building redevelopment by the Mayor of the City of Northville, Mr. Ken Roth.

A Collaborative Ford Village Industry Building Revitalization Success



Figure 1: Revitalized Northville Valve Plant / Water Wheel Centre

DEVELOPMENT OVERVIEW

Building History

In the early 1900s, Henry Ford, Sr., established the [Village Industry Project](#), which brought manufacturing jobs to rural areas and provided farm workers with a stable source of income during the winter months. As part of this program, Ford purchased the [Northville Mill](#) property at East Main Street and Griswold in the tiny village of Northville, Michigan, approximately 30 miles west of Ford's Dearborn headquarters.

In 1936, Ford oversaw construction of a new 40,000 square-foot valve machinery plant at the site designed by renowned industrial architect Albert Kahn. The Ford Valve plant was used in the manufacture of tractor valves and components for Ford's Model T. The building featured a 19-foot-high by 7-foot-wide water wheel that provided electricity to power the machines. Two additions in later years increased the size of the building to 72,000 square feet.

The scenic area surrounding the plant became known as Ford Field. The informal gardens, home to numerous waterfowl, were enjoyed by Ford employees and became a popular tourist destination. The plant remained in operation until the late 1970s.

Restoration Overview

The restoration of the Northville Valve Plant is the ultimate example of a win-win-win scenario for the owners, city, and community. When Richard D. Cox, a former engineer at Ford and local business owner, along with his wife, Diane Cox, purchased the vacant building in 1994 they donated the 9-acres of land surrounding the building to the City of Northville to be used for parks and recreation.

They began a series of renovations to the space, with a vision to stay true to the original Albert Kahn design and to retain the building's original exterior. In 1995, the Coxes received recognition for the Ford Valve Plant when it was listed on the [State](#) and [National Registers of Historic Places](#).

That same year, Richard Cox developed a method to install energy-efficient double-pane argon-filled low-e glass windows in the original frames. Ultimately, over 9,000 windows were replaced into the original steel frames, which had been stripped and repainted.

The renovation also included removing and replacing all cast cement window sills with new limestone sills and replacing roof copings identical to the original Albert Kahn-specified units used on the original structure.

A set of 15-foot-tall oak doors opening to the loading dock on the north side of the building were restored to their original beauty and functionality – they still open with the same motor originally used by Ford.



Figure 2: Historic Photo of the Ford Valve Plant



Figure 3: Site plan of the Water Wheel Complex along the River Run, similar to the Phoenix Mill Building



Figure 4: Interior of the Ford Valve Plant, showing the original steel frame and concrete floor

In 1998, the decision was made to rebuild the disintegrating water wheel. Plymouth-based Castle Enterprises reassembled and re-bolted the wheel using the same specifications as the original. The fabricating firm was able to follow the rediscovered plans from a similar water wheel at one of Henry Ford's other early factories. Two sets of bearings were produced to allow a spare set for future replacements. The final phase included installing custom buckets commissioned by the Coxes. The restoration was featured in an article in the June 30, 2005 edition of the [Northville Record](#).

Renamed the Water Wheel Centre, the innovative renovation was nominated for a [CREW Detroit Impact Award](#) for "best redeveloped project in the Detroit Area" in 2009. The renovated building, now home to commercial and office space, has become a landmark and point of pride for downtown Northville. The restoration of the Northville Valve Plant has been praised by the Northville government as a model restoration. The team at R&D Land Development stayed true to the original architecture, even painstakingly restoring the original window frames, Worthington air compressor, large wood doors, building trim pieces, and the iconic water wheel. These initiatives, funded entirely by R&D Land Development, are good examples of the how the Northville Valve Plant restoration was done with priority given to the restoration of the iconic building and community enjoyment over profit.

A 2008 [Crains Detroit Business article](#) featured an interview with Rick Cox and detailed the trend for "edgy" loft-style offices. The article describes the renovated space:

"The bare brick walls are contrasted with metal bookshelves in one office. Track lighting and drop ceilings hang from the heavy steel beams once used to support cranes. Thick exhaust pipes have given way to shiny data lines inside the building that hardly resembles a manufacturing plant now."

The Water Wheel Centre today is a vibrant commercial complex with 11 tenants, including a popular fitness club, and several engineering, technology and architecture firms, including two Ford Motor Company vendors. One could say this historic treasure has come full circle. Cox imagines that Henry Ford, Sr. – the innovator that changed history – would be honored by this innovative continuation of his legacy.

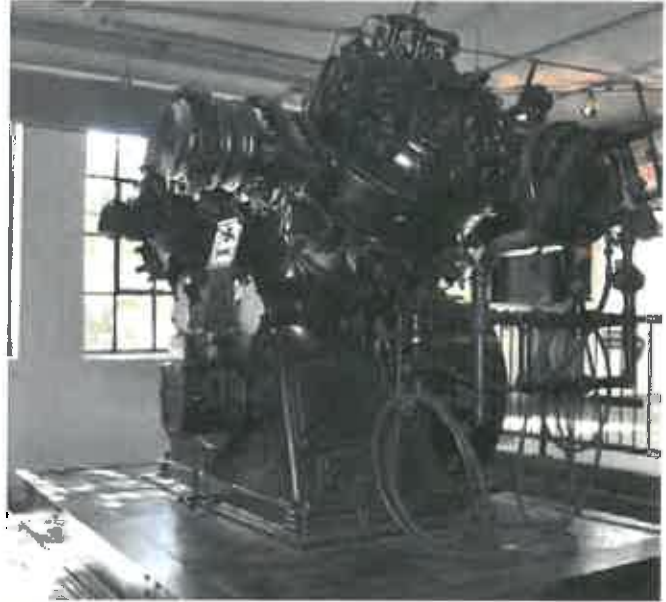


Figure 5: An antique Worthington air compressor once used in the manufacturing process at the Ford Valve Plant is on display in the entry to one of the office suites at the Water Wheel Centre. This unusual piece of art serves as both a tribute to the building's history and as inspiration showcasing the ingenuity of innovators from an earlier time.



Figure 6: In 1998, the decision was made to rebuild the disintegrating water wheel. Plymouth-based Castle Enterprises reassembled and re-bolted the wheel using the same specifications as the original. The fabricating firm was able to follow the rediscovered plans from a similar water wheel at one of Henry Ford's other early factories. Two sets of bearings were produced to allow a spare set for future replacements. The final phase included installing custom buckets commissioned by the Coxes. In 2017, at the Coxes' expense, the wheel was again redesigned and rebuilt for the community enjoyment. This time, the wheel was redesigned by Mr. Cox using stainless steel. The engineering analysis indicated that this new wheel could last close to 100 years, honoring and celebrating the ingenuity of the water wheel in Northville.



Figure 7: The Zedler office renovation can be seen in the window restoration. Rick Cox developed a method to install energy-efficient windows in the original frames. Over 9,000 windows were replaced into the original steel frames, which had been stripped and repaired.



Figure 8: The window frame on the third floor of the Henry Project. The original window frame was removed and replaced with a new one made of heavy-duty steel and wood.



Figure 2: Open-plan workspace using space as the building's organizing principle



Figure 3: Immersive digital technology and architecture



Figure 11. Modern elements (new and old) integrated to allow historic and industrial culture to continue, while providing a modern office environment by Albert Cox



Figure 12. While a lot of the interior has been modernized for use as open industrial loft style office space, the original flared "mushroom" columns designed by Albert Cox remain. The unique, load-bearing design of these columns allowed for maximum support in minimal space. The columns are built of fireproof reinforced concrete. Evolutionary design in the 1950s.



Figure 13. As a tribute to the history of the Ford Valve Plant, and an extraordinary example of his meticulous and thoughtful restoration efforts, Mr. Cox, a former Ford engineer, restored and built a one-of-a-kind "Valve Chandelier." The chandelier is made from Ford engine valves with custom hardware designed specifically for this fixture. It is located in the lobby of new Henry Project building above deck.

Section 4: PROJECT TEAM

Critical MASS, LLC is committed to leveraging local talent to assist in the redevelopment of the Phoenix Mill building. The following companies have been identified and have committed to being on the project team in some capacity.

INFORM STUDIO / ARCHITECTURE Northville, Michigan

inFORM studio is a woman-owned, design based practice with offices in Detroit and Chicago. Each office is fully integrated and collaborates with teams set for each project that span all locations. Since our inception in 2000, we have garnered a reputation for innovative architecture & design throughout the industry. Over the last 17 years, we have been very humbled to have been recognized by our peers with numerous awards for our collective talent and innovative and sustainable design.

We place a strong emphasis on experiential connections between people, place, and culture. Choosing to collaborate with our clients rather than dictate to them, knowing that a trusted partnership will yield the best solution rather than an adequate one. We hold the conviction that innovative design is more than just aesthetics, it must perform. As part of the local community, we love seeing other businesses and agencies that pay just as much attention to detail in the quality of their services and products as we do. To take that a step further, we understand that a large part of 'doing things better' involves looking to see the larger impacts we make on our communities at large. Whether it's reducing our own carbon footprint as individuals or creating more socially, economically, and environmentally sustainable develop-ments, we strive to look at the bigger picture of our everyday work.

J.S. VIG CONSTRUCTION / CONTRACTOR Taylor, Michigan

Founded in 1965, J.S. Vig offers a comprehensive suite of professional services that includes Project Feasibility, Site Selection, Zoning, Planning Approvals and Permitting, Design/Build, Construction Management, Cost Estimation/Budgeting, Project Scheduling and Cost Segregation.

After decades of steady growth, J.S. Vig has emerged as a trusted and reliable construction firm with a strong track record of more than 1,500 successfully completed projects. Their compelling combination of professional flexibility, high quality service and outstanding work product have helped J.S. Vig establish not only a trusted reputation, but also a network of strong and enduring professional relationships throughout the region.



Figure 14: inFORM studio is currently working with The Platform in Detroit on the revitalization of the Historic Plaque Plant



Figure 15: Historic renovation and 3 story expansion of a former historic building project in downtown Detroit



SAHBA LA'AL / HISTORIC CONSULTANT**Ann Arbor, Michigan**

Sahba has been running a one-man architectural practice since January 1992, and originally worked with Rick on the Water Wheel Centre historic preservation. He has designed a number of Commercial, Religious, and Residential buildings and 90% of them are built. Sahba has a Bachelors degree in Civil Engineering from University of Michigan, 1980; Bachelors in Architecture, 1982 Masters of Architecture in 1984 - all from the University of Michigan in Ann Arbor. He is a Registered Architect (RA) and a Professional Engineer (PE) in State of Michigan.



A. RECOGNITION OF SUCCESS: NORTHVILLE FORD VALVE PLANT / WATER WHEEL CENTRE

Section 5: EXHIBITS

A. RECOGNITION OF SUCCESS: NORTHVILLE FORD VALVE PLANT / WATER WHEEL CENTRE

2/7/2018 Historic Ford plant redeveloped as edgy Northville office space


CRAIN'S DETROIT BUSINESS

Detroit and Southeast Michigan's premier business news and information website

Originally Published: December 23, 2008 12:00 PM Modified: December 23, 2008 12:00 PM

Historic Ford plant redeveloped as edgy Northville office space

By Daniel Duggan



Nathan Skidd/Crain's Detroit Business

When Henry Ford had a 72,000-square-foot valve plant built in 1936, its unlikely he would have envisioned the Northville building would become an edgy space for architects and tech companies.

And it seemed an equally unlikely prospect to Richard Cox when he bought the Waterwheel Building to house his manufacturing operation 12 years ago.

But with the trend of creative-economy companies looking for out-of-the-ordinary homes for their businesses, Cox has signed the last lease for the building, making it fully occupied and now profitable.

The bare brick walls are contrasted with metal bookshelves in one office. Track lighting and drop ceilings hang from the heavy steel beams once used to support cranes. Thick exhaust pipes have given way to shiny data lines inside the building that hardly resembles a manufacturing plant now.

A lot of people thought I was crazy when I bought this, Cox said.

Even so, Cox now has cause to celebrate.

HKS Architects P.C. has signed a lease for 13,000 square feet to make the Northville building the company's new headquarters. Carol Johnson Kartje, a vice president at HKS, immediately recognized the building as a perfect place for the company. A redeveloped manufacturing building symbolizes the firm's commitment to urban renewal, and the building's location in downtown Northville makes HKS part of a community, she said.

We needed an inspiring place where we can connect with the community, she said. This took my breath away.


Cox's journey with the building started 12 years ago when he set out for a new headquarters. President of Plymouth-based **R&D Enterprises**, he needed a building where his company could manufacture heat-transfer products used in the marine and industrial sectors.

The Albert Kahn-designed Waterwheel Building, used by **Ford Motor Co.** from 1936 until 1986, had been vacant for eight years when Cox found it. Demolition was being considered.

Crain's Detroit Business is now getting the subject for a little while the full story from [CLICK TO READ FULL ARTICLE](#)

Section E: EXHIBITS

B. FINANCING LETTER OF REFERENCE - PAGE 1



Monroe Bank & Trust
A Division of The First Security Bank of Michigan


February 8, 2018

Critical Mass, LLC or Entity TBD
c/o Greg Daniels and Rick Cox
235 East Main Street, Ste 102F
Northville, MI 48167

Dear Greg and Rick:

Monroe Bank & Trust (Bank) is pleased to offer the following financing proposal. Please note that this offer is not intended to represent a commitment to lend. Any offer outlined below is subject to further due diligence as well as completion of the Bank's credit approval process.

Borrower:	Critical Mass, LLC or Entity To Be Determined
Facility / Amount:	The lesser of 75% of the "As Complete and Stabilized" Appraised Value or 85% of Total Costs
Rate/Term/Am:	During Construction: WSJ Prime + 0.50% Floating, Floor at 6.00% for 12 months. After Construction: 5.50% Fixed for 5 years. 20 Year Amortization
Loan Fees:	1.00% Plus Third Party Expenses, draw fees not included. During construction, \$250/draw fee to MBT PLUS any third party fees related to each draw.
Prepayment:	1% for life of loan, only if refinanced elsewhere
Collateral:	1st Commercial Real Estate Mortgage, Assignment of Leases & Rents, and Fixture Filing on the property located at 14973 Northville Rd, Plymouth, MI
Guarantors:	Unlimited and unsecured Guarantees of all owners of the borrowing entity
Reports:	Appraisal, Environmental Report, Title Insurance, Survey
Covenants:	1. Borrower will maintain a minimum Debt Service Coverage Ratio prior to distributions of 1.20x, to be tested annually beginning 12/31/2019. Debt Service Coverage is calculated as Net Income Plus Interest, Depreciation, and Amortization Divided by Scheduled Principal and Interest payments. 2. Borrower will maintain a minimum Debt Service Coverage Ratio after distributions of 1.00x, to be tested annually beginning 12/31/2019. Debt Service Coverage is calculated as Net Income Plus Interest, Depreciation, and Amortization Plus Contributions Less Distributions and Guaranteed Payments Divided by Scheduled Principal and Interest payments.
Conditions:	1. Subject to title insured draws and lien waivers during construction/improvements. 2. All draws during construction period will be monitored and administered by the title company or an acceptable 3 rd party. 3. Borrower to use a qualified 3 rd party general contractor acceptable to Monroe Bank & Trust on construction/improvements to the property. 4. Subject to an assignment of general contractor agreement requiring 3 rd party contractor to finish construction in the event of a default. 5. Subject to a final Certificate of Occupancy after the construction is complete.
Deposits:	Primary Operating Account of Borrowing Entity Required
Escrows & Docs:	Real Estate Tax Escrow Required. Stock, In-house documentation



Monroe Bank & Trust
235 East Main Street, Ste 102F
Northville, MI 48167
313.446.1000

Section E: EXHIBITS

B. FINANCING LETTER OF REFERENCE - PAGE 2

As mentioned previously, this proposal is not intended to represent a commitment to lend and is subject to the completion of the Bank's credit approval process. All approved loans will be documented and governed by a loan agreement specifying certain representations, warranties, and financial covenants negotiated to the mutual satisfaction of both parties.

Please call me with any questions on the proposed terms and conditions above.

I look forward to the prospect of working with you on this project!

Sincerely,



Daniel A. Amos
VP, Commercial Loan Officer
Monroe Bank and Trust
Office: 734-948-8316
Daniel.amos@mbandt.com

Section E: EXHIBITS

C. PROFORMA / ECONOMICS

Phoenix Mill Building Restoration	
Plymouth Township, MI	
Project Cost Summary	
2/7/18	
Refurbishment	
Structural Repair	\$130,000.00
Exterior Concrete and Masonry	\$190,000.00
Windows	\$320,000.00
Roof	\$100,000.00
Interior	\$370,000.00
Elevator	\$100,000.00
Stairs	\$50,000.00
Restrooms	\$55,000.00
Systems	\$360,000.00
Parking Lot	\$350,000.00
Bridge and Landscaping	\$50,000.00
Shed Demo	\$40,000.00
Hard Costs Sub Total	\$2,115,000.00
Soft Costs	\$236,500.00
Contingency 5%	\$105,750.00
Total Cost Before Construction Interest	\$2,457,250.00
Soft Costs Detail	
Misc Contractor OH & Fees	\$25,000.00
Architectural - Engineering - Design	\$211,500.00
Tap Fees	\$0.00
Building Permit	\$0.00
Total Soft Costs	\$236,500.00



November 8, 2018

Planning Commission
Charter Township of Plymouth
9955 N. Haggerty Road
Plymouth, MI 48170

RE: Project: 2310-1018 | The Henry Project, Phoenix Mill Rezoning
Address: 14973 Northville Road
Tax ID No.(s): R-78-018-03-0073-701
Applicant: Critical Mass, LLC
Review: Rezoning Review
Review No.: Written Review #1

Dear Commission Members,

We have reviewed the above request submitted by Critical Mass, LLC. to rezone parcel R-78-018-03-0073-701, commonly known as the Phoenix Mill, from the PL, Public Lands district to the C-2, General Commercial district. The subject site, approximately five acres in size, is located west of Northville Road, east of Edward Hines Drive and directly north of M-14.

The enclosed application submission includes a survey describing the subject rezoning parcel and a project proposal which narrates the rehabilitation of the existing Albert Kahn building would be utilized for a commercial restaurant with interior and exterior space for additional small events.

REVIEW

We have reviewed the above request with the Township's Zoning Ordinance, Master Plan, existing site conditions, and sound planning and design principles in an effort to provide constructive and helpful feedback for the development of this site. We offer the following comments for your consideration:

1. *Would the rezoning be consistent with other land uses in the area?*

The subject property is currently zoned the PL, Public Lands district and contains the two-story Phoenix Mill building (constructed 1922), two accessory structures, a parking lot, bridge, and wooded / natural areas. The table below details the surrounding existing land uses and current zoning designations; the proposed rezoning would be consistent with the existing commercial / industrial uses to the north and east. The transition to the Hines Metro Park and other public areas to the west and south is also appropriate.

Location	Existing Land Use	Current Zoning Designation
Subject Site	Vacant	PL, Public Lands
North	Industrial / Commercial	IND, Industrial
South	Hines Metro Park / M-14	PL, Public Lands
East	Commercial	C-2, General Commercial
West	Hines Metro Park	PL, Public Lands



2. Is the proposed zoning district compatible with the zoning classifications of surrounding land?

As detailed in the table above in #1, the proposed C-2, General Commercial rezoning would be compatible and promote orderly development as adjacent parcels are zoned for similar, if not more intense, uses.

If rezoned, future uses permitted by right in the C-2 district would include uses permitted in the OS, Office Services district or the C-1, Neighborhood Shopping district, but also service/retail establishments, restaurants, banks, and accessory structures/uses customarily incidental to permitted uses, as defined.

After public hearing and subject to special land use consideration by the Planning Commission, hotels / motels, facilities for auto vehicle sales and repair, veterinary clinics, entertainment uses (bowling alley, theater, etc.), gas stations, adult foster care group homes, funeral homes and public utility buildings are among the uses that could be permitted.

3. Could all requirements in the proposed zoning classification be complied with on the subject parcel?

The Township's Zoning Ordinance, section 20.1: Schedule of Regulations, requires C-2, General Commercial designated parcels to comply with specific front, side and rear setbacks. The Planning Commission granted a Class A: Non-Conforming Designation for the existing Kahn building in the summer of 2017, recognizing that while the present configuration does not comply with the front yard setback standard, the structure does not create a danger to the public, health or welfare and may be expanded or repair as a legal, non-conformity.

4. Is the proposed rezoning consistent with both the policies and the uses proposed for that area in the Master Plan? If not, is the Plan current and reasonable, or does it need to be updated?

The table to the right details the Future Land Use Map designations, per the 2015 Master Plan, for the subject site and the surrounding parcels.

The site, as a long-standing Wayne County property, was designated as Recreation Space for many years. In anticipation of the County selling the property, Plymouth Township established a sub-committee which met, consulted and developed a framework vision for the subject site, as follows:

A unique and historically significant parcel in Plymouth Township, future redevelopment of the site is intended to rehabilitate the existing Albert Kahn structure and add a complementary mix of community-oriented uses. These uses include: commercial, restaurant, retail, office, recreation, cottage industry and event facilities. Any other uses, including telecommunication facilities, must be visually aligned with the community and architectural character of the area. Additions to the Kahn structure and outbuildings are permitted, provided they complement and enhance the character of the site.

Location	2015 Master Plan: Future Land Use Designations
----------	---

Subject Site	Recreation Space
North	Industrial
South	Recreation Space
East	Commercial
West	Recreation Space



Situated across from Phoenix Lake, adjacent to the Hines Metro Park and at a major entry point into the Township, it is critical that any redevelopment enhance the locational assets of this scenic gateway site and the surrounding natural and recreational amenities. Redevelopment of the site must also be designed so as to improve traffic and pedestrian access and flow and provide for walkability and connections, both to adjacent parcels and the I-275 Metro Trail.

As noted, the proposed rezoning to the C-2 district is compatible with the Township's vision for this area.

5. Will the amendment result in permissible exclusionary zoning?

No, the proposed rezoning will give life to a vacant structure, permit historic renovations, and encourage the orderly development of a Township gateway for the benefit of the entire community.

RECOMMENDATION

We recommend that the Planning Commission recommend approval of the proposed The Henry Project, Phoenix Mill Rezoning, application #2310, to the Township Board of Trustees for consideration, based on the findings above.

Please do not hesitate to contact me if you have any questions. Thank you!

Respectfully submitted,

McKENNA

Laura E. Haw, AICP, NCI
Principal Planner
Planning Director, Plymouth Township

Jennifer Neal
Assistant Planner
Planner, Plymouth Township

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

ITEM F.3

**PRELIMINARY ENGINEERING REQUEST
FOR LITCHFIELD SAD**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 27, 2018

ITEM: Special Assessment District for Litchfield Drive (Plymouth Notch Subdivision)

PRESENTER: Patrick J. Fellrath, PE, Director of Public Services
George Tsakoff, PE, OHM Advisors

BACKGROUND:

Township Clerk has validated the signatures on petitions received for a proposed Special Assessment District (S.A.D.) for road improvements (reconstruction) in the Plymouth Notch Subdivision. The petitions demonstrate adequate support for the project to allow the Board to authorize the preliminary engineering phase of the project.

Steps A-G of the existing Summary of Events for Special Assessment District Program (attached) has been completed. Based on Frontage (the legal requirement) 53.3% have petitioned, beyond the 51% required. Based on the number of units, 53.3% have petitioned, which is greater than the 51% requirement established by the Board. The residents have requested that the Township proceed with the preliminary engineering based on the current support.

The scope of work for the above shall include:

- Procure a qualified agent to conduct the necessary geotechnical engineering study for the project.
- Take preliminary grade shots and prepare preliminary cross section or replacement method showing improvement location and proposed SAD.
- Meetings with Wayne County to review preliminary plan, cross sections and other information.
- Prepare preliminary cost estimates for project (revised scope and district limits).
- Any and all activities needed to proceed with the Public Hearing of Necessity.

ACTION REQUESTED: The Board is being asked to authorize OHM Advisors, consulting engineers for road projects, to prepare a plan showing the improvement, location and estimated cost (i.e., preliminary engineering) for the proposed S.A.D. project.

BUDGET/ACCOUNT NUMBER: \$7,000.00/General Fund 805-805-970.310

PROPOSED MOTION: I move to authorize the engineering firm OHM Advisors to prepare plans showing the improvement, location and estimate of cost for the paving of Plymouth Notch Subdivision as submitted and described on the received petitions for a cost not to exceed Seven Thousand Dollars (\$7,000.00).



Project Description

Litchfield Drive (Plymouth Notch Subdivision)

S.A.D. Paving Program

November 19, 2018

The proposed improvements within Plymouth Notch Subdivision would consist of removal of the existing concrete road and integral curb, and placement of a new full roadway cross section, assumed at this time to be either concrete or asphalt pavement. If a concrete road cross section is recommended, it would be concrete pavement with integral concrete curb. An asphalt road cross section would include new concrete curb and gutter. We understand that a cost for both options would be presented at the completion of preliminary engineering, although replacement with concrete is currently assumed. We understand that this project would be proposed as a full road cross section replacement, in lieu of a rehabilitation. The pavement cross section and road drainage aspects would be reviewed further during the preliminary engineering stage. During the preliminary engineering and potential future design phase of the project, improvements would be recommended as appropriate regarding the road cross section, road profile, storm sewer, etc. However, existing water problems, such as standing water outside of the roadway, will not be resolved by this program.

It is further understood that this project, if permitted by Wayne County, could be subject to special conditions dependent upon the findings of the soils investigation report, existing subsurface conditions, etc. The proposed improvements to the existing two-lane concrete pavement shall consist of complete road pavement replacement, as well as miscellaneous driveway and drainage improvements, which may be needed to facilitate the replacement of the existing concrete road pavement. The project commences at the east right-of-way line of McClumpha Road and proceeds eastward on Litchfield Drive for approximately 1,350 feet to a dead end. The project also proceeds north from Litchfield Drive along Litchfield Court for approximately 185 feet to terminus.

The district limit for frontage along Litchfield Drive and Litchfield Court consists of Lots 1 through 30 of the Plymouth Notch Subdivision located in the Northeast $\frac{1}{4}$ of Section 33, T.1S, R.8E, of Plymouth Township, Wayne County, Michigan.

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
LITCHFIELD DRIVE (PLYMOUTH NOTCH SUBDIVISION)**

Assumptions:

- 1) Frontage is defined by properties abutting Litchfield Drive and Litchfield Court.

Tax ID Number	LOT #	FRONTAGE	SIGNED	UNITS	SIGNED	ADDRESS
R-78-053-03-0001	1	104.43	FL -	FL 1		46366 LITCHFIELD DR
R-78-053-03-0002	2	76.46	FL -	FL 1		46342 LITCHFIELD DR
R-78-053-03-0003	3	86.13	FL 86.13	FL 1	1	46316 LITCHFIELD DR
R-78-053-03-0004	4	118.79	FL -	FL 1		46290 LITCHFIELD DR
R-78-053-03-0005	5	287.72	FL -	FL 1		46264 LITCHFIELD DR
R-78-053-03-0006	6	53.23	FL 53.23	FL 1	1	46238 LITCHFIELD CT
R-78-053-03-0007	7	59.16	FL -	FL 1		46212 LITCHFIELD CT
R-78-053-03-0008	8	48.63	FL 48.63	FL 1	1	46186 LITCHFIELD CT
R-78-053-03-0009	9	312.44	FL 312.44	FL 1	1	46160 LITCHFIELD DR
R-78-053-03-0010	10	100.05	FL -	FL 1		46134 LITCHFIELD DR
R-78-053-03-0011	11	101.28	FL 101.28	FL 1	1	46108 LITCHFIELD DR
R-78-053-03-0012	12	109.86	FL -	FL 1		46082 LITCHFIELD DR
R-78-053-03-0013	13	96.83	FL 96.83	FL 1	1	46056 LITCHFIELD DR
R-78-053-03-0014	14	53.45	FL 53.45	FL 1	1	46030 LITCHFIELD DR
R-78-053-03-0015	15	74.06	FL 74.06	FL 1	1	46004 LITCHFIELD DR
R-78-053-03-0016	16	108.71	FL 108.71	FL 1	1	45978 LITCHFIELD DR
R-78-053-03-0017	17	93.78	FL -	FL 1		45952 LITCHFIELD DR
R-78-053-03-0018	18	98.72	FL -	FL 1		45900 LITCHFIELD DR
R-78-053-03-0019	19	106.76	FL 106.76	FL 1	1	45880 LITCHFIELD DR
R-78-053-03-0020	20	255.23	FL 255.23	FL 1	1	46061 LITCHFIELD DR
R-78-053-03-0021	21	92.06	FL 92.06	FL 1	1	46107 LITCHFIELD DR
R-78-053-03-0022	22	86.78	FL 86.78	FL 1	1	46133 LITCHFIELD DR
R-78-053-03-0023	23	89.47	FL 89.47	FL 1	1	46158 LITCHFIELD DR
R-78-053-03-0024	24	89.88	FL -	FL 1		46193 LITCHFIELD DR
R-78-053-03-0025	25	90.20	FL -	FL 1		46227 LITCHFIELD DR
R-78-053-03-0026	26	86.35	FL 86.35	FL 1	1	46263 LITCHFIELD DR
R-78-053-03-0027	27	92.07	FL -	FL 1		46289 LITCHFIELD DR
R-78-053-03-0028	28	91.16	FL 91.16	FL 1	1	46315 LITCHFIELD DR
R-78-053-03-0029	29	94.37	FL -	FL 1		46341 LITCHFIELD DR
R-78-053-03-0030	30	105.99	FL -	FL 1		46367 LITCHFIELD DR
TOTAL		3,259.11	FL 1,737.61	FL 30.00	16	

Note: Shading indicates that resident has signed petition.

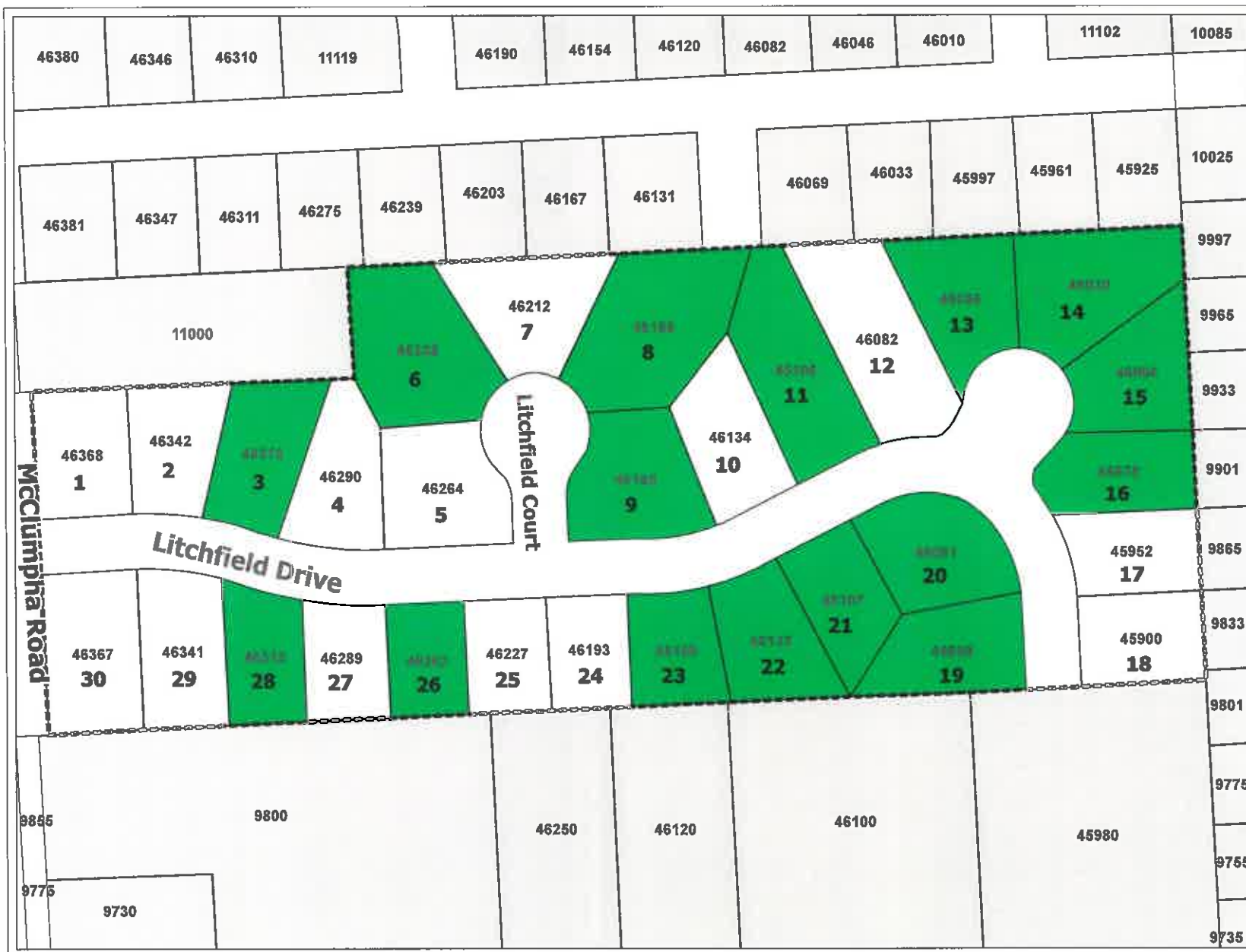
I. PERCENTAGE BASED ON FRONTAGE (50% = 1630 Ft.)

SIGNED PETITION	1,737.61	=	53.3%
TOTAL FRONTAGE	3,259.11		

II. PERCENTAGE BASED ON UNITS (50% = 15 UNITS)

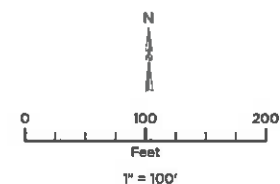
SIGNED PETITION	16.00	=	53.3%
TOTAL UNITS	30.00		

Updated November 16, 2018



Litchfield Drive
S.A.D.

S.A.D. Limits
Petition Signatures
 Support
 No Support



Source: Data provided by Wayne County and Plymouth Township, OHM
 Johnson does not warrant the accuracy of the data and/or the map. This
 disclaimer is extended to depict the approximate spatial location of the requested
 features within the Community and all use is strictly at the user's own risk.
 Coordinate System: NAD 1983 StatePlane Michigan South FIPS 3115 SptFoot
 Map Published: November 20, 2016





CHARTER TOWNSHIP OF PLYMOUTH

Division of Public Services

9955 N. Haggerty Road • Plymouth, MI 48170 • 734-354-3270

SUMMARY OF EVENTS FOR SPECIAL ASSESSMENT DISTRICT PROGRAM CHARTER TOWNSHIP OF PLYMOUTH WAYNE COUNTY, MICHIGAN

A. INITIAL INVESTIGATION BY RESIDENTS

The interested parties check with residents within the potential Special Assessment District (S.A.D.) area to determine that there is substantial interest to pave the existing gravel road under a S.A.D.

B. RESIDENTS REQUEST PETITION

The interested parties send a letter to the Director of Public Services indicating that there is substantial interest among the residents located within the potential S.A.D. and they wish to proceed with obtaining proper petition forms and to establish a preliminary information meeting.

C. PETITIONS PREPARED

The Township notifies the Township Engineering Consultants for S.A.D.s to contact the Township Attorney and to prepare an appropriate petition. Upon receipt from the engineer, the Township prepares copies and sends to interested parties coordinating the petition drive.

D. INFORMATIONAL MEETING IF REQUIRED

The Township will hold an informational meeting, if determined necessary, to describe the S.A.D. process to the residents who fall within the S.A.D. limits. The Township will send out a letter establishing date, time, place, and intent of the preliminary meeting. The Township will establish mailing list, pay postage, and mail. The Township's role is clear: facilitate and assist in the process.

E. HOLD MEETING

Preliminary meeting with residents held.

F. VALIDATION OF SIGNATURES

Completed petitions shall be received and sent to the Clerk's Office for validation. The Clerk's Office will validate the signatures found on the petitions by making sure the current tax records of the Township support that signatures of the petition are consistent with tax role. If the parcel is owned by more than one party, as might be the case with husband and wife, only one signature is required, unless one of the owners notifies the Township in writing that they do not support the S.A.D. In this case, the particular lot or parcel will not be considered in support of the S.A.D. In order for the S.A.D. process to continue, the validated signatures shall represent:

51% OR GREATER BASED ON THE TOTAL FRONTAGE OF THE S.A.D.

AND

51% OR GREATER BASED ON THE TOTAL NUMBER OF UNITS WITHIN THE S.A.D.



CHARTER TOWNSHIP OF PLYMOUTH

Division of Public Services

9955 N. Haggerty Road • Plymouth, MI 48170 • 734-354-3270

G. INSUFFICIENT SIGNATURES

If the validated signatures do not represent:

51% OR GREATER BASED ON THE TOTAL FRONTAGE OF THE S.A.D.

AND

51% OR GREATER BASED ON TOTAL NUMBER OF UNITS WITHIN THE S.A.D.

a period of 45 days will be provided to permit names to be removed from the petitions and to be added to the petitions. At the end of the 45-day period if the validated signatures do not represent:

51% OR GREATER BASED ON THE TOTAL FRONTAGE OF THE S.A.D.

AND

51% OR GREATER BASED ON TOTAL NUMBER OF UNITS WITHIN THE S.A.D.

the petition shall have failed, and the petitions shall be considered null and void for further consideration.

H. SUFFICIENT SIGNATURES

If the validated signatures represent:

51% OR GREATER BASED ON THE TOTAL FRONTAGE OF THE S.A.D.

AND

51% OR GREATER BASED ON TOTAL NUMBER OF UNITS WITHIN THE S.A.D.

the petitions shall be submitted to the Board along with the determination of percentage (%). The Board will then authorize the Engineering Consultant, at a cost not to exceed seven thousand (\$7,000) dollars, to:

1. Procure a qualified agent to conduct the necessary geotechnical engineering study for the project.
2. Take preliminary grade shots and prepare preliminary cross section or rehabilitation method showing improvement location and proposed S.A.D.
3. Meetings with Wayne County to review preliminary plan, cross sections, and other information.
4. Prepare preliminary cost estimates.
5. Any and all activities needed to proceed with the Public Hearing of Necessity.

I. CROSS SECTION AND PRELIMINARY COST ESTIMATE

Engineer submits typical cross section and cost estimate along with a district description.

J. INFORMATIONAL MEETING

An informational meeting (possibly 2nd) will be held to discuss the detail findings. The meeting will be consistent with item "D" of this document.



CHARTER TOWNSHIP OF PLYMOUTH

Division of Public Services

9955 N. Haggerty Road • Plymouth, MI 48170 • 734-354-3270

K. PROCEED TO BOARD OR FACT FINDING PERIOD.

After the informational meeting a determination shall be made to proceed to the Board or provide a 45 day fact gathering period during which time a person may add or delete their signature.

L. INSUFFICIENT SIGNATURES

At the end of the 45-day period if the validated signatures do not represent:

51% OR GREATER BASED ON THE TOTAL FRONTAGE OF THE S.A.D.

AND

51% OR GREATER BASED ON TOTAL NUMBER OF UNITS WITHIN THE S.A.D.

the petition shall have failed and the petitions shall be considered null and void for further consideration. A period of one year must past before a new petition will be considered.

M. SUFFICIENT SIGNATURES

If support remains, the item will be placed on the Board agenda to establish a public hearing date. A tentative resolution to make the improvement and tentative designation of Special Assessment District shall be presented for Board action. The Treasurer prepares a tentative assessment.

N. PUBLIC HEARING NOTICE

Notification of hearing of necessity published.

O. PUBLIC HEARING HELD

Public Hearing of Necessity held. Engineer directed to proceed with final engineering construction drawings, specifications, and obtain bids after 30 day period, if no objections filed.

Approval at this phase does bring with it a commitment from the residents. If the final assessment cost is at, below, or within 10% higher of the preliminary cost estimate and the residents pull their name from the petition (decline to proceed) after the 30 day period, then the cost of the engineering fees for constructions drawings, surveying, field work, bidding process, etc. shall be assessed equally to each lot or parcel within the proposed S.A.D. If the cost exceeds the estimate plus 10% the residents may decline to proceed without penalty or assessment of any engineering costs.

P. 30-DAY PERIOD

Begin 30-day hold as required per public act.

Q. ATTORNEY REVIEW

Attorney checks with tax tribunal to determine if any objections have been filed. Forwards letter to Township indicating status.



CHARTER TOWNSHIP OF PLYMOUTH

Division of Public Services

9955 N. Haggerty Road • Plymouth, MI 48170 • 734-354-3270

R. PROCEED WITH CONSTRUCTION DRAWINGS

Upon notification from the Township that no objections have been filed, the Engineer will proceed with final construction drawings, specifications, and obtaining bids. Engineer to coordinate with Clerk's Office and Treasurer to arrive at final assessment.

S. POSSIBLE INFORMATIONAL MEETING

The Township will hold an informational meeting, (possibly 3rd) if determined necessary, to describe the project and projected final assessment.

T. PUBLIC HEARING DATE

Final information is submitted to the Director of Public Services and Clerk's Office. Date for Public Hearing of Assessment is set by Clerk's Office. Notification of hearing of assessment is published.

U. PUBLIC HEARING

Public Hearing of Assessment is held. All information is submitted to Board. Conditional award to contractor is made.

V. Begin 30 day hold for court filings.

W. Begin construction.

This Summary of Events for Special Assessment District Program is created for informational purposes only. It is not in addition to or to supplement the State Law requirements for the creation of a Special Assessment District. This Summary of Events for Special Assessment District Program is not a policy that has been approved as such by the Board of Trustees for the Charter Township of Plymouth nor is it a policy or approved as such by the Division of Public Services of the Charter Township of Plymouth.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

ITEM F.4

**REQUEST TO ENTER INTO CONTRACT
NEGOTIATIONS WITH ADM VENTURES,
LLC FOR MANAGEMENT OF HILLTOP
GOLF COURSE**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 27, 2018

ITEM: Request to enter into contract negotiations with ADM Ventures LLC, for Management of Hilltop Golf Course

PRESENTERS: Supervisor Heise

BACKGROUND: I am requesting that the Board authorize a subcommittee of Trustees and the Township Attorney to enter into contract negotiations with ADM Ventures, LLC, for the Management of Hilltop Golf Course. The goal is to have a contract submitted for Board consideration on or before January 11, 2019. The subcommittee will be comprised of Supervisor Heise, Treasurer Clinton, and Trustee Doroshewitz, assisted by Township Attorney Kevin Bennett.

PROPOSED MOTION: I move that a subcommittee of the Board of Trustees and the Township Attorney enter into contract negotiations with ADM Ventures, LLC, for the management of Hilltop Golf Course, and to prepare a management contract to be considered by the Board of Trustees no later than Friday, January 11, 2019.

Moved By _____ Seconded By _____

ROLL CALL:

___Vorva___ Curmi, ___Clinton, ___Heitman, ___Doroshewitz, ___Dempsey, ___Heise

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

ITEM F.5

**CONTRACT FOR TOWING SERVICES
RESOLUTION # 2018-11-29-86**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 27, 2018

ITEM: Selection of Mayflower Towing to provide Towing Services for Plymouth Township.

PRESENTER: Lt. Daniel Kudra

BACKGROUND:

On 09-28-2018 the Charter Township of Plymouth posted an invitation to bid for towing services on the Township Clerk's portion of the website. Sealed bids were asked to be submitted to the Clerk's office no later than 2:00 pm on 11-01-2018. A total of three bids were received, these were from Mayflower Towing, Westland Car Care and Chandler Car Carriers. It is the recommendation of the Police Department that a three (3) year contract be awarded to Mayflower Towing to provide the Township's towing services.

ACTION REQUESTED:

Approve the enclosed resolution awarding the contract for towing services for the Charter Township of Plymouth to Mayflower Towing.

PROPOSED MOTION: I move to approve Resolution #2018-11-29-86, awarding a three year contract for towing services to Mayflower Towing, subject to review by the Township Attorney and final approval by the Township Board at a later date.

Moved By _____ Seconded By _____

ROLL CALL:

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

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

**RESOLUTION # 2018-11-27-86
AWARDING OF CONTRACT TO PROVIDE TOWING SERVICES
FOR PLYMOUTH TOWNSHIP**

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on November 27, 2018, the following resolution was offered:

WHEREAS, it is the intention of the Charter Township of Plymouth Board of Trustees to enter into an agreement to provide Towing services, and,

WHEREAS, after review and analysis of the bid information provided by the Township Police Department, it was recommended that the contract for Township Towing services be awarded to Mayflower Towing.

NOW THEREFORE, BE IT RESOLVED, that the Charter Township of Plymouth, by way of this resolution #2018-11-27-86, hereby awards a three year contract for towing services to Mayflower Towing, subject to review by the Township Attorney and final approval by the Township Board at a later date.

Moved by: _____ Supported by: _____

ROLL CALL VOTE:

____ CC, ____ JD, ____ JV, ____ MC, ____ RD, ____ GH, ____ KH

Certification

STATE OF MICHIGAN)
)
COUNTY OF WAYNE)

I hereby certify that the foregoing is a true and complete copy of the resolution adopted by the Board of Trustees at the regular Board Meeting dated November 27, 2018.

Jerry Vorva, Clerk
Charter Township of Plymouth

Date

Resolution # 2018-11-27-86

CHARTER TOWNSHIP OF PLYMOUTH TOWING BIDS			
Tow Company	Westland Car Care	Mayflower Towing	Chandler Car Carriers
Workers Comp Insurance:	Yes	Yes	No
General Liability Insurance (Coverage):	\$3,000,000	\$3,000,000	\$3,000,000
Motor Vehicle Liability Insurance (Coverage):	\$1,000,000	\$1,000,000	\$1,000,000
Vehicles Under 5000 GVW (Price to tow):	\$125.00	\$75.00	\$85.00
Vehicles 5000 GVW to 9999 GVW (Price to tow):	\$125.00	\$85.00	\$85.00
Vehicles 10000 GVW to 19999 GVW (Price to tow):	\$200.00	\$95.00	\$125.00 (Per Hour, 2 Hour Minimum)
Vehicles 20000 GVW and up (Price to tow):	\$325.00	\$125.00 (Per Hour)	\$125.00 (Per Hour, 2 Hour Minimum)
Storage Fee Per Day (Indoor):	\$40.00	\$25.00	\$30.00
Storage Fee Per Day (Outdoor):	\$25.00	\$15.00	\$30.00
Extra Charge for Dollies:	\$50.00	\$45.00	\$0.00
Extra Charge for Disconnecting Linkages:	\$25.00	\$45.00	\$0.00
Extra Charge for Winching off Roadway:	\$50.00 (Starting)	\$75.00 (Starting)	\$125.00 (Per Hour)
Motorcycles (Price):	\$90.00	\$100.00	\$125.00
Lockouts (Price):	\$45.00	\$65.00	\$85.00
Tire Change (Price):	\$50.00	\$65.00	\$85.00
Gas Pickup (Price):	\$45.00 (Plus Fuel)	\$45.00	\$85.00 (Plus Fuel)
Per Hour Labor Charge (Extra Service):	\$125.00	\$75.00	\$125.00 (Light Duty)
Additional Charges Proposed by Bidder:	Window Tape: \$30.00 (Per Window)	Accident Tow: \$150.00 (Starting)	
	No Key Fee: \$40.00		
	Floor Dry: \$10.00 (Per Bag)		
Can The Bidder Tow Vehicle's up to 80000 GVW (Front):	Yes	Yes	Yes
Can The Bidder Tow Vehicle's up to 80000 GVW (Rear):	Yes	Yes	Yes
Additional Considerations:			
Tow Trucks in Fleet:	21	9	3 (2 additional to be purchased)
Service Trucks in Fleet:	6	0	0
Distance From Township Hall to Tow Yard:	3.5 Miles (8 minute drive)	2.4 Miles (7 minute drive)	1.6 Miles (4 minute drive)
Municipalities Currently Towing for:	City of Westland Canton Township Garden City	Northville City Northville Township Plymouth City Plymouth Township	None
Items highlighted in green represent lowest price.			
Items highlighted in red do not meet the requirements of bid.			
Lt. D. Kudra #402 11-01-2018			

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM G
SUPERVISOR AND TRUSTEE
COMMENTS**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM H
PUBLIC COMMENTS AND QUESTIONS**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 27, 2018**

**ITEM I
ADJOURNMENT**