

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

CALL TO ORDER

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

**ITEM B
PLEDGE OF ALLEGIANCE**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

**ITEM C
APPROVAL OF AGENDA
TUESDAY, NOVEMBER 12, 2019**

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, November 12, 2019
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 12, 2019

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

Regular Meeting – Tuesday, October 8, 2019

D.2 Acceptance of Communications, Resolutions, Reports

Building Department Monthly Report - September 2019

Building Department Monthly Report - October 2019

Fire Department Monthly Report - September 2019

Fire Department Monthly Report - October 2019

Police Department Monthly Report - September 2019

Police Department Monthly Report - October 2019

Planning Department Monthly Report - September 2019

Planning Department Monthly Report - October 2019

FOIA Monthly Report - Clerk's Office - September 2019

FOIA Monthly Report - Clerk's Office - October 2019

FOIA Monthly Report - Police Department - September 2019

FOIA Monthly Report - Police Department - October 2019

Thank you to Aaron Bigger and Pete Bukis – The Dickie Family

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	\$848,741.51	\$156,455.60	\$1,005,197.11
Solid Waste Fund	226	109,390.25	468.62	109,858.87

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, November 12, 2019
7:00 PM



Improvement Revolving (Capital)	246	0.00	0.00	0.00
Drug Forfeiture Fund	265	0.00	1,100.00	1,100.00
Drug Forfeiture State	266	0.00	0.00	0.00
Drug Forfeiture IRS	267	0.00	472.05	472.05
Golf Course Fund	510	134.00	0.00	134.00
Senior Transportation	588	5,568.44	11.08	5,579.52
Water/Sewer Fund	592	180,464.29	438,911.54	619,375.83
Trust and Agency	701	124,367.27	12,053.76	136,421.03
Police Bond Fund	702	28,014.00	0.00	28,014.00
Tax Pool	703	383,252.64	0.00	383,252.64
Special Assessment Capital	805	2,457.77	3,281.50	5,739.27
TOTALS:		\$1,682,390.17	\$612,754.15	\$2,295,144.32

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

F. NEW BUSINESS

1. Public Hearing on Proposed 2020 Budget, *Clerk Jerry Vorva*
2. 2020 Charter Township of Plymouth General Appropriations Act and 2020 Budget Adoption, **Resolution #2019-11-12-100**, *Supervisor Kurt Heise and Treasurer Mark Clinton*

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, November 12, 2019
7:00 PM



3. Colony Farms SAD Engineering Request, **Resolution #2019-11-12-101**, *Public Services Director Patrick Fellrath*
4. Plymouth Meadows SAD Engineering Request, **Resolution #2019-11-12-102**, *Public Services Director Patrick Fellrath*
5. Resolution of Support for Robert Bosch LLC Application to the "Good Jobs for Michigan" Program, **Resolution #2019-11-12-103**, *Supervisor Kurt Heise and Trustee Gary Heitman*
6. Resolution to Designate New Voting Precinct Locations, **Resolution #2019-11-12-104**, *Clerk Jerry Vorva*
7. Rayyan Center Storm Drain Agreement, **Resolution #2019-11-12-105**, *Township Engineer Jeremy Schrot*
8. Rayyan Center Water Main Agreement, **Resolution #2019-11-12-106**, *Township Engineer Jeremy Schrot*
9. Plymouth Park & Eats Storm Drain Agreement, **Resolution #2019-11-12-107**, *Township Engineer Jeremy Schrot*

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 12, 2019**

CONSENT AGENDA

**ITEM D.1
APPROVAL OF MINUTES
REGULAR MEETING
TUESDAY, OCTOBER 8, 2019**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 8, 2019**

PROPOSED MINUTES

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

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

MEMBERS ABSENT: None

OTHERS PRESENT: Dan Phillips, Fire Chief
Thomas Tiderington, Police Chief
Kevin Bennett, Township Attorney
Jeremy Shrot, Spalding DeDecker Associates
Sue Brams, Exec. Asst. to Supervisor
38 Members of the Public

A. PLEDGE OF ALLEGIANCE – Firefighter Guy Villet

PROCLAMATION RECOGNIZING FIRE PREVENTION WEEK

*Proclamation presented to Chief Dan Phillips and the crew of Fire Station
No. 1*

B. APPROVAL OF AGENDA

Tuesday, October 8, 2019

Item F.4, Plymouth Park & Eats Storm Drain Agreement, was removed from the agenda.

Moved by Trustee Heitman and seconded by Clerk Vorva to approve the agenda for the Board of Trustees regular meeting of October 8, 2019 as amended, Ayes all.

C. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

Regular Meeting – Tuesday, September 24, 2019

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 8, 2019**

PROPOSED MINUTES

D.2 Acceptance of Communications, Resolutions, Reports – N/A

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	\$638,931.36	\$88,691.32	\$727,622.68
Solid Waste Fund	226	6,342.18	1,748.29	8,090.47
Improvement Revolving (Capital)	246	0.00	0.00	0.00
Drug Forfeiture Fund	265	0.00	0.00	0.00
Drug Forfeiture State	266	0.00	0.00	0.00
Drug Forfeiture IRS	267	0.00	0.00	0.00
Golf Course Fund	510	0.00	0.00	0.00
Senior Transportation	588	5,286.28	244.60	5,530.88
Water/Sewer Fund	592	51,667.56	467,892.26	519,559.82
Trust and Agency	701	207.50	261.83	469.33
Police Bond Fund	702	4,510.00	0.00	4,510.00
Tax Pool	703	18,324.62	0.00	18,324.62
Special Assessment Capital	805	0.00	47,160.50	47,160.50
TOTALS:		\$725,269.50	\$605,998.80	\$1,331,268.30

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 8, 2019**

PROPOSED MINUTES

Trustee Heitman noted a correction to the last paragraph on Page 6 of the September 24 minutes: The correct figure is \$25 million instead of \$125 million.

Moved by Clerk Vorva and seconded by Trustee Heitman to approve the consent agenda for the Board of Trustees regular meeting of October 8, 2019 with the September 28 minutes correction. Ayes all.

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

Alex Wassel of Heather Hills had questions regarding burn restrictions and the list of charities to which the Firemen contribute.

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

E. NEW BUSINESS

1. Amendment to Exhibits for WTUA 'Swap' Agreement with Wayne County, **Resolution #2019-10-08-92**, *Supervisor Kurt Heise*

Supervisor Heise explained that Wayne County has requested updated maps to more properly delineate the area to be covered by the earlier agreement, with no substantive language changes. A memo of further clarification has also been provided by Aaron Sprague, WTUA Director.

Moved by Trustee Heitman and seconded by Clerk Vorva to adopt **Resolution #2019-10-08-92**, authorizing the attached Amendments and Exhibits to the Sanitary Sewer Service Agreement by and among the City of Plymouth, Plymouth Township, Canton Township, Western Townships Utilities Authority (WTUA) and the County of Wayne, originally approved by the Board on April 23, 2019. Ayes all on a roll call vote.

2. Contract for CDBG Park Improvements, **Resolution #2019-10-08-93**, *Township Engineer Jeremy Schrot*

Mr. Schrot explained that proposed improvements to be made from Wayne County Community Wellness and Community Block Grant (CDBG) funds included replacing pavement at the parking area for the accessible play structure and replacing the existing walk to the structure. However, the two bids received both exceeded the available CDBG funds. A revised scope will achieve the parking area replacement if the path replacement is eliminated.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 8, 2019

PROPOSED MINUTES**

Moved by Clerk Vorva and seconded by Trustee Heitman to adopt **Resolution #2019-10-08-93**, authorizing the award of the CDBG Plymouth Township Park Accessible Improvements to Merlo Construction in an amount not to exceed \$60,810.00 Ayes all on a roll call vote.

3. Global CNC Storm Drain Agreement, **Resolution #2019-10-08-94**, *Township Engineer Jeremy Schrot*

Moved by Trustee Heitman and seconded by Clerk Vorva to adopt **Resolution #2019-10-08-95**, authorizing the Township Supervisor to sign Wayne County Permit M-50114 and approve the storm drain agreement with Stassinis Livonia, LLC, DBA Global CNC Industries, LTD, and authorize the Township Supervisor and Clerk to execute same. Ayes all on a roll call vote.

4. Plymouth Park & Eats Storm Drain Agreement, **Resolution #2019-10-08-95**, *Township Engineer Jeremy Schrot*

This item was removed from the agenda.

5. The Woods Storm Drain Agreement, **Resolution #2019-10-08-96**, *Township Engineer Jeremy Schrot*

Moved by Clerk Vorva and seconded by Trustee Heitman to adopt **Resolution #2019-10-08-96**, authorizing the Township Supervisor to sign the Wayne County Permit M-50767 and approve the storm drain agreement with ELLE Development, LLC, and authorize the Township Supervisor and Clerk to execute same. Ayes all on a roll call vote.

6. Polytec Storm Drain Agreement, **Resolution #2019-10-08-97**, *Township Engineer Jeremy Schrot*

Moved by Clerk Vorva and seconded by Trustee Heitman to adopt **Resolution #2019-10-08-97**, authorizing the Township Supervisor to sign the Wayne County Permit M-49619 and approve the storm drain agreement with Polytec, Inc., and authorize the Township Supervisor and Clerk to execute same. Ayes all on a roll call vote.

7. Polytec Water Main Easement Agreement, **Resolution #2019-10-08-98**, *Township Engineer Jeremy Schrot*

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 8, 2019**

PROPOSED MINUTES

Moved by Clerk Vorva and seconded by Trustee Heitman to adopt **Resolution #2019-10-08-98**, authorizing the Township Clerk, Township Attorney, and Township Engineer to sign the Water Main Easement to Polytec, Inc., and to authorize recording of same. Ayes all on a roll call vote.

8. Jaws of Life Purchase, **Resolution #2019-10-08-99**, *Fire Chief Dan Phillips*

Fire Chief Dan Phillips explained the necessity for purchase of the improved jaws of life and the equipment interchangeability of the Hurst brand. The new jaws are to be placed on Ladder #3, the primary fire apparatus on M-14.

Moved by Trustee Dempsey and seconded by Trustee Heitman to adopt **Resolution #2019-10-08-99**, authorizing the purchase of a Hurst Edraulic Jaws-of-Life from Apollo Fire Equipment in an amount not to exceed \$29,500, and to authorize the Supervisor and Clerk to sign all required documents for this purchase. Ayes all on a roll call vote.

Congresswoman Hayley Stevens presented updates on what is happening in Washington and presented a flag that has flown over the Capitol to the Township.

9. Budget Discussion – Remaining General Government Items, *Treasurer Mark Clinton and Supervisor Kurt Heise*

Board members discussed the remaining budget requests for the Township Board, Supervisor, Information Services, Assessing, General Operating and Treasury.

F. SUPERVISOR AND TRUSTEE COMMENTS

Supervisor Heise indicated the October 22 regular meeting has been cancelled, with the next regular meeting scheduled for November 12.

Clerk Vorva noted the collection box in the hallway for new or slightly used coats for disabled or homeless veterans. Collection deadline is October 21.

Trustee Dempsey asked to reserve the right to bring up, at a later meeting, an unauthorized and unpermitted demo in the township.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, OCTOBER 8, 2019**

PROPOSED MINUTES

Trustee Curmi asked who is doing the reconciliation of dispatch with the City of Plymouth for 2018.

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

Alex Wassel of Heather Hills had questions regarding hard-copy backup to the cloud and what might be holding up construction of the Verona Park development.

H. ADJOURNMENT

Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 8:40 p.m. Ayes all.

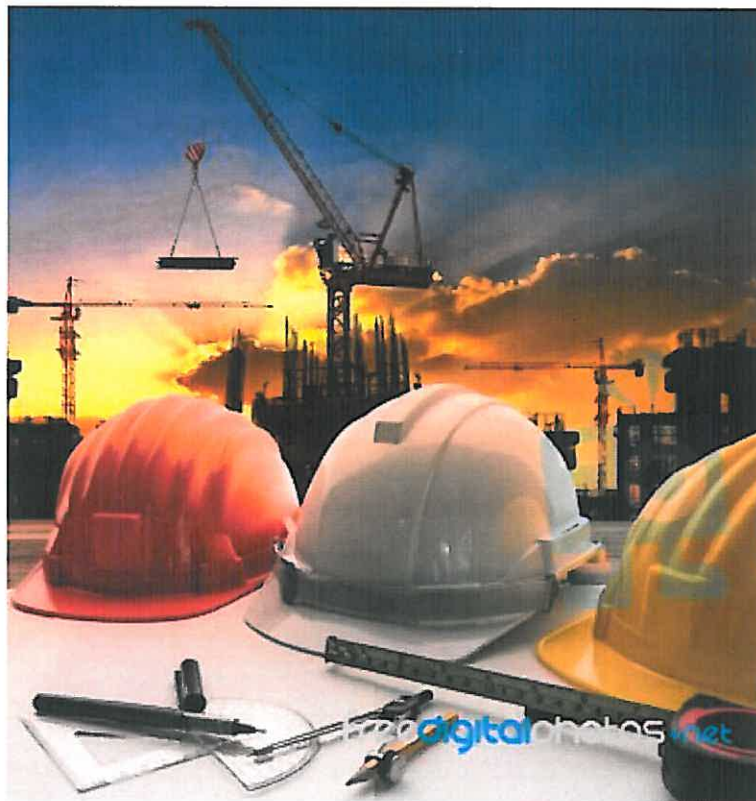
Jerry Vorva, Township Clerk

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

CONSENT AGENDA

**ITEM D.2
ACCEPTANCE OF COMMUNICATIONS,
RESOLUTIONS, REPORTS
SEPTEMBER, 2019**

CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

**SEPTEMBER
2019**

Building Department 2019

<u>Classification</u>	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Totals
Total Building Permits	43	41	104	216	129	122	148	133	135				1071
<u>Trade Permits</u>													
Electrical	30	27	24	37	39	48	31	44	30				310
Mechanical	47	64	51	62	64	62	61	78	67				556
Plumbing	21	17	17	29	37	14	17	21	27				200
Sewer & Water	1	7	11	4	8	5	7	3	7				53
Total Trade Permits	142	156	207	348	277	251	264	279	266	0	0	0	2190
<u>Miscellaneous</u>													
Special Inspections	0	0	0	1	3	0	0	0	0				4
Temp Certificate of Occupancy	2	1	1	0	1	1	1	1	2				10
Re-Occupancy	0	0	1	0	1	1	0	0	3				6
Plan Review	9	5	9	6	18	14	12	13	15				101
ZBA	0	1	1	0	1	3	0	2	1				9
Re-inspection fees	5	8	3	7	2	6	7	5	3				46
Vacant Land Resigtration	0	0	0	0	0	0	0	0	0				0
Total Miscellaneous	16	15	15	14	26	25	20	21	24	0	0	0	176
<u>Application Fee's</u>													
Building	34	38	93	207	122	114	131	121	120				980
Electrical	28	27	20	36	36	57	27	42	29				302
Mechanical	44	58	50	61	65	66	63	80	66				553
Plumbing	19	14	18	30	41	14	16	22	26				200
<u>License & Registration</u>													
Builders	5	3	5	12	12	7	10	11	12				77
Electrical	19	18	6	23	15	15	11	13	11				131
Mechanical	7	6	2	7	4	1	1	8	28				64
Plumbing	6	5	1	6	11	5	8	5	13				60
Total Misc/License/Application	178	184	210	396	332	304	287	323	329	0	0	0	2543
Grand Total	320	340	417	744	609	555	551	602	595	0	0	0	4733
<u>Staffing Levels</u>													
Chief Building Official	1	1	1	1	1	1	1	1	1	1	1	1	
Full Time Building Inspector	1	1	1	1	1	1	1	1	1				
Full Time Building Coordinator	1	1	1	1	1	1	1	1	1				
Part-time Time Ordinance Officer	1	1	1	1	1	1	1	1	1				

New Commerical Building for 2019

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Webasto	14200 Haggerty	New building	18,197,930		
Taco Bell	47673 5 Mile RD	New building	750,000		
Total Construction Value			18,197,930		

New Commercial Additions/Alterations for 2019

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Freudenberg	47690 Anchor CT	Hydrogen tank	30,000	Issued	January
Anderson Process	41304 Concept	Tenant Finish	140,000	Issued	January
Michigan Medical Association	9401 General DR	Tenant Finish	85,000	Issued	January
Lairds Glass	42320 Ann Arbor Rd	Exterior remodel	53,200	Issued	January
Burrough's	41100 Plymouth Rd	3rd floor lobby/conference	125,000	Issued	January
Buddy's Pizza	15075 Beck RD	Tenant Finish	380,000	Issued	February
St John's Conference Center	44045 Five Mile	Bathroom updates	60,000	Issued	March
Burrough's	41100 Plymouth Rd	Remodel 18 bathrooms	225,000	Issued	March
Peak Wealth Management	41011 Ann Arbor RD	Interior remodel	80,000	Issued	March
Adient US LLC	49200 Halyard	Phase 2D Interior	1,250,000	Issued	March
Comprehensive Care Specialist	45211 Helm	Tenant Finish	400,000	Issued	April
Hock DDS	44560 Ann Arbor RD	Tenant Finish	244,300	Issued	April
Link Engineering	41100 Plymouth Rd	Tenant Finish	250,000	Issued	April
Rivian	13250 Haggerty RD	Tenant Finish	900,000	Issued	April
Banks Vacuum	937 Ann Arbor RD	Tenant Finish	20,000	Issued	May
Burrough's	41100 Plymouth Rd	Tenant Finish	88,000	Issued	May
Burrough's	41101 Plymouth Rd	Tenant Finish	800	Issued	May
Burrough's	41102 Plymouth Rd	Tenant Finish	148,000	Issued	May
Adient US LLC	49200 Halyard	Site Improvements	3,300,000	Issued	May
Freudenberg	47690 Anchor CT	Hydrogen tank	173,000	Issued	May
Cygnet	9120 General DR	Truck wells	201,319	Issued	June
Plymouth Parks & Eats	39411 Schoolcraft	Dumpster enclosure	3,000	Issued	June
Powers and Sons LLC	47676 Galleon	Tenant Finish	35,000	Issued	June
Baptist State Conventioning	41100 Plymouth RD #315	Tenant Finish	46,000	Issued	June

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Hines Park Lincoln	40601 Ann Arbor RD	Car wash addition	200,000	Issued	June
Chase Bank	235 Sheldon RD	Solar Panels	12,489	Issued	July
PI-Innovo	47047 5 Mile RD	Tenant Finish	500,000	Issued	July
General Plymouth LLC	11333 General DR	Interior remodel	22,000	Issued	July
Adient US LLC	49200 Halyard	Phase 2E	250,000	Issued	July
McDonald's	15110 Beck RD	Interior/exterior remodel	250,000	Issued	July
Bosch Corporation	15000 Haggerty	Flag Poles	10,870	Issued	July
Kroger Plaza	Ann Arbor RD	Asphalt	90,000	Issued	July
Innovaton Works	41100 Plymouth RD \$345	Tenant Finish	39,000	Issued	August
Chase Bank	235 Sheldon RD	Interior remodel	5,000	Issued	August
Adient US LLC	49200 Halyard Phase 3B	Interior remodel	550,000	Issued	August
General Plymouth LLC	11333 General DR	Truck wells	40,000	Issued	August
United Roads	41100 Plymouth RD 4th	Tenant Finish	699,271	Issued	August
Michigan Education Credit Union	9200 Haggerty	Interior remodel	58,000	Issued	August
Dunkin Donuts	39600 Ann Arbor RD	Addition	300,000	Issued	August
Adient COE Bldg	47700 Halyard	Interior remodel Phase 3C	687,000	Issued	August
Buddy's Pizza	15075 Beck RD	Awnings	12,300	Issued	August
Comcast	41112 Concept	Interior remodel	100,000	Issued	September
Great Lake Glass	12707 Eckles	Interior remodel	800,000	Issued	September
K&D Investments	989 Ann Arbor RD	White Box	15,000	Issued	September
Bosch Corporation	15000 Haggerty	Mezzanine	204,000	Issued	September
Amazon	12815 Premier Center	Tenant Finish	678,000	Issued	September
Plymouth Village LLC	14707 Northville RD	Parking lot repaving	64,000	Issued	September
Total Construction Value			4,330,500		
Grand Total Construction Value			<u>22,528,430</u>		

Residential Housing 2019

<u>Single Family Detached</u>				
	<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	1	1	658,484	4,896
April	0			
May	4	4	1,235,626	10,618
June	0			
July	0			
August	0			
September				
October				
November				
December				
Totals	5	5	\$1,894,110	15,514

<u>Single Family Attached (Townhouses/ Row Houses)</u>				
	<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>Two-Family Buildings (Duplex)</u>				
	<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>Three-or-more Family Building (Apartments/Stacked Condos)</u>				
	<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	5	5	\$ 1,894,110	15,514

Certificate of Occupancy List

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF19-0031 <u>Permit Number</u> PB18-0965	ISSUED (FINAL) <u>Applicant Name</u> Belaggio Homes Inc	Belaggio Homes Inc	8847 NORTHERN <u>Contractor</u> Belaggio Homes Inc	<u>CO Date Apply:</u> 09/18/2019 <u>Permit Date Apply:</u> 10/09/2018	<u>CO Date Finaled:</u> 09/18/2019 <u>Permit Date Issued:</u> 2/17/2018
OF19-0032 <u>Permit Number</u> PB18-0902	ISSUED (FINAL) <u>Applicant Name</u> SACHSE CONSTRUCTION	Monroe Bank & Trust	41656 Ann Arbor RD <u>Contractor</u> SACHSE CONSTRUCTION	<u>CO Date Apply:</u> 09/18/2019 <u>Permit Date Apply:</u> 09/21/2018	<u>CO Date Finaled:</u> 09/18/2019 <u>Permit Date Issued:</u> 1/06/2018
OF19-0033 <u>Permit Number</u> PB19-0537	ISSUED (FINAL) <u>Applicant Name</u> Plymouth 848 LLC	Plymouth 848 LLC	41100 PLYMOUTH RD B1 <u>Contractor</u>	<u>CO Date Apply:</u> 09/18/2019 <u>Permit Date Apply:</u> 06/04/2019	<u>CO Date Finaled:</u> 09/18/2019 <u>Permit Date Issued:</u> 06/07/2019
OF19-0034 <u>Permit Number</u> PB18-0658	ISSUED (FINAL) <u>Applicant Name</u> Cranbrook Custom Homes LLC	SAAB, RYAN - DANIELLE	47033 GOLFVIEW LN <u>Contractor</u> Cranbrook Custom Homes L	<u>CO Date Apply:</u> 09/24/2019 <u>Permit Date Apply:</u> 07/18/2018	<u>CO Date Finaled:</u> 09/24/2019 <u>Permit Date Issued:</u> 08/17/2018
OF19-0035 <u>Permit Number</u> PB18-0226	ISSUED (FINAL) <u>Applicant Name</u> ADVANCED HOMES, INC	DERVISHI, GJERGJI	9464 NORTHERN <u>Contractor</u> ADVANCED HOMES, INC	<u>CO Date Apply:</u> 09/25/2019 <u>Permit Date Apply:</u> 04/05/2018	<u>CO Date Finaled:</u> 09/25/2019 <u>Permit Date Issued:</u> 06/19/2018
OF19-0036 <u>Permit Number</u> PB19-0520	ISSUED (FINAL) <u>Applicant Name</u> Plymouth Park & Eats	Plymouth Park & Eats Nex-Gen	39411 SCHOOLCRAFT <u>Contractor</u>	<u>CO Date Apply:</u> 09/20/2019 <u>Permit Date Apply:</u> 06/03/2019	<u>CO Date Finaled:</u> 09/20/2019 <u>Permit Date Issued:</u> 06/04/2019
OF19-0037 <u>Permit Number</u> PB18-0966	ISSUED (FINAL) <u>Applicant Name</u> Belaggio Homes Inc	BELLAGIO HOMES, INC	8857 Northern <u>Contractor</u> Belaggio Homes Inc	<u>CO Date Apply:</u> 09/26/2019 <u>Permit Date Apply:</u> 10/09/2018	<u>CO Date Finaled:</u> 09/26/2019 <u>Permit Date Issued:</u> 2/17/2018

All Records

Co.DateFinaled Between 9/1/2019 12:00:00 AM AND

9/30/2019 11:59:59 PM AND

Co.Status = ISSUED (FINAL)

Number of CofO's: 7



Revenue Breakdown Report

10/02/2019

Filter: All Records, Transaction.DateToPostOn in <Previous month> [09/01/19 - 09/30/19] AND
 Transaction.TransactionNumber Not = 67,079 AND
 Transaction.TransactionNumber Not = 67,078

Unit Totals

Unit Name	Records	Revenue
	266	104,976.20
TOTAL	266	104,976.20

Record Type Totals

Unit:	Records	Revenue
Permit	266	104,976.20
UNIT TOTAL:	266	104,976.20

Record Type Breakdowns

Unit:		
Record Type: Permit	Records	Revenue
Building	135	70,016.00
Electrical	30	7,874.00
Mechanical	67	17,092.00
Plumbing	27	5,145.00
Sewer & Water	7	4,849.20
TOTAL:	266	104,976.20

104,127.00



Plymouth Township Fire Department

Monthly Report

September 2019

Response Information:

The Plymouth Township Fire Department responded to **248** emergencies this month.

There was an average of **8.26** runs per day this month.

PTFD's average response time was **5 minutes and 31 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.

	Mutual Aid Received	Mutual Aid Given
Canton		4
Northville City		1
Northville Township	3	5

EMS Information:

HVA transported **96** patients to the hospital.

Plymouth Township Fire transported **24** patients to the hospital.

Plymouth transports billed out **\$15,797.40** this month, received **\$13,956.00** and have **\$9,101.41** in outstanding bills over 180 days.

Fire Loss:

There were **no** fires this month of any substantial loss.

Fire Prevention:

Plymouth Township Fire Department provided **57** 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 **5** events to a total of **396** participants.

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

Reports Included:

CLEMIS Reports

Incidents Section

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

Local Section

- Fire Department Response Times
 - Turnout Time
 - Response Time

Health EMS

Agency Productivity

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

Billing Summary

Inspection Report

Total count for Public Education – Review Fire Modules Calendar

Yearend - include total training hours

Incident Type Count Report

Date Range: From 9/1/19 To 9/30/19

Selected Station(s): all



	<u>Count</u>	
Station: MA		
321 - EMS call, excluding vehicle accident with injury	1	.4%
Total - Rescue & Emergency Medical Service Incidents	1	.4%
611 - Dispatched & cancelled en route	1	.4%
Total - Good Intent Call	1	.4%
Total for Station	2	.8%

Station: ST1

100 - Fire, other	1	.4%
Total - Fires	1	.4%
320 - Emergency medical service, other	2	.8%
321 - EMS call, excluding vehicle accident with injury	69	27.8%
322 - Vehicle accident with injuries	7	2.8%
Total - Rescue & Emergency Medical Service Incidents	78	31.5%
554 - Assist invalid	1	.4%
561 - Unauthorized burning	1	.4%
Total - Service Call	2	.8%
611 - Dispatched & cancelled en route	4	1.6%
622 - No incident found on arrival at dispatch address	1	.4%
Total - Good Intent Call	5	2.0%
700 - False alarm or false call, other	10	4.0%
714 - Central station, malicious false alarm	1	.4%
741 - Sprinkler activation, no fire - unintentional	1	.4%
Total - False Alarm & False Call	12	4.8%
814 - Lightning strike (no fire)	1	.4%
Total - Severe Weather & Natural Disaster	1	.4%
Total for Station	99	39.9%

Station: ST2

111 - Building fire	1	.4%
Total - Fires	1	.4%
300 - Rescue, emergency medical call (EMS) call, other	1	.4%
321 - EMS call, excluding vehicle accident with injury	31	12.5%
322 - Vehicle accident with injuries	4	1.6%

38/4

	<u>Count</u>	
Total - Rescue & Emergency Medical Service Incidents	36	14.5%
554 - Assist invalid	4	1.6%
Total - Service Call	4	1.6%
611 - Dispatched & cancelled en route	3	1.2%
Total - Good Intent Call	3	1.2%
700 - False alarm or false call, other	3	1.2%
Total - False Alarm & False Call	3	1.2%
Total for Station	47	19.0%

Station: ST3

321 - EMS call, excluding vehicle accident with injury	59	23.8%
322 - Vehicle accident with injuries	10	4.0%
Total - Rescue & Emergency Medical Service Incidents	69	27.8%
412 - Gas leak (natural gas or LPG)	1	.4%
424 - Carbon monoxide incident	1	.4%
444 - Power line down	1	.4%
Total - Hazardous Conditions (No fire)	3	1.2%
500 - Service Call, other	1	.4%
554 - Assist invalid	2	.8%
Total - Service Call	3	1.2%
600 - Good intent call, other	2	.8%
611 - Dispatched & cancelled en route	5	2.0%
611E - EMS: Dispatched & cancelled en route	1	.4%
622 - No incident found on arrival at dispatch address	2	.8%
650 - Steam, other gas mistaken for smoke, other	1	.4%
Total - Good Intent Call	11	4.4%
700 - False alarm or false call, other	3	1.2%
710 - Malicious, mischievous false call, other	1	.4%
711 - Municipal alarm system, malicious false alarm	1	.4%
714 - Central station, malicious false alarm	1	.4%
715 - Local alarm system, malicious false alarm	2	.8%
730 - System malfunction, other	3	1.2%
733 - Smoke detector activation due to malfunction	2	.8%
736 - CO detector activation due to malfunction	1	.4%
Total - False Alarm & False Call	14	5.6%
Total for Station	100	40.3%
	248	100.0%

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Municipal Response Times Report

For Dates Beginning 9/1/19 Ending 9/30/19

Incident Types selected for analysis: All

For All Priority Types



4185

Time in Minutes	Alarm to Dispatch	Percent Total	Cumulative Responses	Percent	Dispatch to Enroute	Percent Total	Cumulative Responses	Percent	Enroute to Arrival	Percent Total	Cumulative Responses	Percent	Alarm to Arrival	Percent Total	Cumulative Responses	Percent	Dispatch to Arrival	Percent Total	Cumulative Responses	Percent
0 - 1	154	62.86	154	62.86	83	35.78	83	35.78	16	7.08	16	7.08	5	2.14	5	2.14	5	2.14	5	2.14
1 - 2	76	31.02	230	93.88	100	43.10	183	78.88	25	11.06	41	18.14	2	0.85	7	2.99	9	3.85	14	5.98
2 - 3	11	4.49	241	98.37	35	15.09	218	93.97	37	16.37	78	34.51	13	5.56	20	8.55	15	6.41	29	12.39
3 - 4	3	1.22	244	99.59	9	3.88	227	97.84	50	22.12	128	56.64	19	8.12	39	16.67	37	15.81	66	28.21
4 - 5	1	0.41	245	100.00	3	1.29	230	99.14	34	15.04	162	71.68	36	15.38	75	32.05	60	25.64	126	53.85
5 - 6	0	0.00	245	100.00	1	0.43	231	99.57	27	11.95	189	83.63	46	19.66	121	51.71	28	11.97	154	65.81
6 - 7	0	0.00	245	100.00	1	0.43	232	100.00	13	5.75	202	89.38	40	17.09	161	68.80	28	11.97	182	77.78
7 - 8	0	0.00	245	100.00	0	0.00	232	100.00	6	2.65	208	92.04	24	10.26	185	79.06	19	8.12	201	85.90
8 - 9	0	0.00	245	100.00	0	0.00	232	100.00	5	2.21	213	94.25	10	4.27	195	83.33	9	3.85	210	89.74
9 - 10	0	0.00	245	100.00	0	0.00	232	100.00	3	1.33	216	95.58	15	6.41	210	89.74	7	2.99	217	92.74
10 +	0	0.00	245	100.00	0	0.00	232	100.00	10	4.42	226	100.00	24	10.26	234	100.00	17	7.26	234	100.00

Incident
Total

245

Average Times per Incident

Average PSAP Processing Time: 0 minute(s) 49 second(s)
(Alarm to Dispatch)

Percent less than or equal to 60 Seconds 62.86
Percent less than or equal to 90 Seconds 86.53

Average Fire Department Turn Out Time: 1 minute(s) 25 second(s)
(Dispatch to Enroute)

Average Fire Department Turn Out and Travel Time: 5 minute(s) 31 second(s)
(Dispatch to Arrive)

Average Municipal Response Time: 6 minute(s) 21 second(s)
(Alarm to Arrive)

Percentile Response Times in Accordance with NFPA Standards

PSAP Processing Time less than 60 seconds: 62.86%
(Alarm to Dispatch)

Fire Department Turn Out Time less than 60 seconds: 35.78%
(Dispatch to Enroute)

Fire Department Travel Time less than 4 minutes: 56.64%
(Enroute to Arrive)

Listing of Mutual Aid Responses by Mutual Aid Department



Time Period: 9/1/19 - 9/30/19

Department: Canton Twp FD

Mutual aid given

190002091	9/9/19 5:18:53PM	3	08204	42600 CHERRY HILL
190002092	9/9/19 5:56:32PM	3	08204	1150 CANTON CENTER
190002115	9/11/19 6:53:42PM	3	08204	7025 N LILLEY
190002200	9/21/19 3:25:18PM	3	08204	41275 OLD MICHIGAN AVE

Subtotal Mutual aid given 4

Subtotal Canton Twp FD 4

Department: City of Northville FD

Mutual aid given

190002074	9/7/19 9:50:35AM	3	08232	1160 SHERIDAN
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Subtotal Mutual aid given 1

Subtotal City of Northville FD 1

Department: Northville Twp FD

Mutual aid received

190002103	9/10/19 3:35:19PM	1	08255	STATE HWY
190002117	9/11/19 8:12:59PM	1	08255	48380 SHERWOOD DR

Subtotal Mutual aid received 2

Automatic aid received

190002063	9/5/19 11:25:14PM	2	08255	NORTHVILLE ROAD DR
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Subtotal Automatic aid received 1

Mutual aid given

190002093	9/9/19 6:58:00PM	3	08255	15550 HAGGERTY RD
190002114	9/11/19 3:18:25PM	3	08255	15427 NORTHVILLE FOREST DR
190002156	9/16/19 7:50:31AM	3	08255	15870 HAGGERTY RD
190002197	9/21/19 11:39:33AM	3	08255	16400 NORTHVILLE RD
190002220	9/23/19 12:14:51PM	3	08255	15870 HAGGERTY RD

Subtotal Mutual aid given 5

Subtotal Northville Twp FD 8

Total

13

Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Service Date: From 09/01/2019 Through 09/30/2019

Total Number of ePCR's: 159

Total Number of Incidents: 156

By Branch

01 Station 1 = 57

02 Station 2 = 34

03 Station 3 = 68

Run Disposition

	#	%		#	%
Treated/Transported	24	15.1%	Dead Prior To Arrival	5	3.1%
Treated / Transferred Care	96	60.4%	Dead After Arrival	2	1.3%
Treated/No Transport (AMA)	21	13.2%	Treat/Transported by Private Veh.	N/A	N/A
Treated / No Transport (Per Protocol)	5	3.1%	Assist	2	1.3%
Transported / Refused Care	N/A	N/A	Other	3	1.9%
No Transport / Refused Care	N/A	N/A	No Patient Found	N/A	N/A
Cancelled	1	0.6%			
Left Blank	N/A	N/A			

Run Type

	#	%		#	%
Emergency Runs	159	100.0%	Non-Emergency Runs	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	N/A	N/A	Mutual Aid	N/A	N/A
Interfacility	N/A	N/A	Interfacility	N/A	N/A
Intercept	1	0.6%	Intercept	N/A	N/A

Emergency Runs (Scheduled)

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

Emergency Type Left Blank: 0

Runs by Unit

Unit	Total Runs	Treat/Transp	Treat/Transfer	Treat/No Transp(AMA)	Treat/No Transp(PP)	Transp/Ref. Care	Cancelled	Dead Prior Arr	Dead After Arr	T/T Priv Veh	No Trans/Ref. Care	Assist	Other	No Pat Found
ENG1	3	0	1	0	0	0	0	0	0	0	0	0	2	0
RES1	57	9	31	9	3	0	1	1	1	0	0	1	1	0
RES2	35	8	19	5	1	0	0	2	0	0	0	0	0	0
RES3	64	7	45	7	1	0	0	2	1	0	0	1	0	0
Total	159	24	96	21	5	0	1	5	2	0	0	2	3	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	9	5.7%	BLS	125	78.6%
ALS	150	94.3%	ALS1	32	20.1%
SCT	N/A	N/A	ALS2	2	1.3%
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

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

been marked on a run)

Type	BLS	%	ALS1	%	ALS2	%	SCT	%Rotary Wing	%Fixed Wing	%	Total	%
Auto Ins.	1	0.6%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	0.6%
None	124	78.0%	32	20.1%	2	1.3%	N/A	N/A	N/A	N/A	158	99.4%

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

Description	#	%
Abdominal Pain	5	3.1%
Alt. Level Conscious	4	2.5%
Anxiety	4	2.5%
Asthma Symptoms	1	0.6%
Back Pain (No Trauma)	2	1.3%
Behavioral Disorder	5	3.1%
CVA/Stroke	1	0.6%
Cardiac Arrest	4	2.5%
Cardiac Symptoms	3	1.9%
Chest Pain	5	3.1%
Dehydration Symp.	1	0.6%
Diabetic Symptoms	2	1.3%
Dizziness	4	2.5%
Dyspnea-SOB	12	7.5%
Elevated Temp/Fever	1	0.6%
Flu Symptoms	2	1.3%
GI -Bleed	1	0.6%
Headache (no trauma)	3	1.9%
Hemorrhage-(severe medical)	2	1.3%
Monitoring Required	1	0.6%
Nausea	1	0.6%
No Medical Problem	8	5.0%
Nose Bleed	3	1.9%
Obvious Death	4	2.5%
Pneumonia Symptoms	1	0.6%
Poisoning	2	1.3%
Psychiatric Emerg.	7	4.4%
Seizure	2	1.3%
Syncopal/Fainting	2	1.3%
Trauma Injury	27	17.0%
Unconscious	2	1.3%
Unknown Medical	5	3.1%
Urinary Bleeding	1	0.6%
Urination Problem	1	0.6%
Vomiting	2	1.3%
Weakness	17	10.7%
Left Blank	11	6.9%
Total	159	100.0%

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Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	2	1.3%
10 Chest Pain [non-traumatic]	8	5.0%
12 Convulsions/Seizures	3	1.9%
13 Diabetic	2	1.3%
16 Eye Problems/Injuries	1	0.6%
17 Falls	17	10.7%
18 Headache	3	1.9%
21 Hemorrhage/Lacerations	4	2.5%
23 Overdose/poisoning	2	1.3%
25 Psychiatric/Abnormal behavior/Suicide Attempt	10	6.3%
26 Sick Person	37	23.3%
28 Stroke [CVA]	4	2.5%
29 Traffic/Accidents	19	11.9%
30 Traumatic Injuries	3	1.9%
31 Unconscious/Fainting	7	4.4%
32 Unknown Problem	2	1.3%
33 Non-emergency Transports	1	0.6%
37 Standby Routine	1	0.6%
4 Assault/Sexual Assault	3	1.9%
6 Breathing Problems	14	8.8%
88 Not applicable	2	1.3%
9 Cardiac or Respiratory Arrest/Death	8	5.0%
99 Unknown	5	3.1%
<i>Left Blank</i>	1	0.6%
<i>Total</i>	159	100.0%

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Transport From (Category)

	<u>#</u>	<u>%</u>
--Left Blank--	159	100.0%
<i>Total</i>	159	100.0%

Transport From (Facility)

	<u>#</u>	<u>%</u>
--Left Blank--	159	100.0%
<i>Total</i>	159	100.0%

Transport To (Destination Facility)

	<u>#</u>	<u>%</u>
St Mary Livonia ER	91	57.2%
--Left Blank--	38	23.9%
Providence Park ER-Nov	8	5.0%
St Joe Ann Arbor ER	7	4.4%
UNIVERSITY OF MICHIGAN ER	7	4.4%
Annapolis (Beaumont Wayne)	2	1.3%
No transport	2	1.3%
Beaumont Farmington Hills (Botsford)	1	0.6%
C.S. Mott Children's Hospital	1	0.6%
VA ANN ARBOR ER	1	0.6%
Beaumont Canton	1	0.6%
<i>Total</i>	159	100.0%

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Aging Summary

PLYMOUTH MONTHLY AGING REPORT

Report As Of September 30, 2019

Grouped By Schedule on Call

ID	Description	Calls	Current	31 to 60	61 to 90	91 to 120	121 to 150	151 to 180	Over 180	Total
*CONS1500	PAPER - CONTRACT	1	0.00	0.00	0.00	0.00	0.00	0.00	698.00	698.00
*MRP	PAPER - MEDICARE	3	544.40	1286.80	0.00	0.00	0.00	0.00	0.00	1831.20
APPL	APPEAL PATIENT 30	2	187.50	0.00	0.00	187.50	0.00	0.00	0.00	375.00
CAID	ELECT MEDICAID	1	0.00	0.00	0.00	574.40	0.00	0.00	0.00	574.40
CAIP	PAPER MEDICAID R	1	0.00	0.00	0.00	0.00	551.60	0.00	0.00	551.60
CARE	ELECT - MEDICARE	5	2169.60	300.00	0.00	542.00	0.00	0.00	0.00	3011.60
CAREBL	ELECT MEDICARE P	2	716.00	794.00	0.00	0.00	0.00	0.00	0.00	1510.00
CRED	MHR REFUND CREDI	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FIREINS	FIRE RECOVERY 15	2	0.00	0.00	0.00	0.00	0.00	0.00	-746.00	-746.00
INSU	PAPER INS PRIMAR	4	187.50	187.50	560.00	177.98	450.00	0.00	0.00	1112.98
NEIC	ELECT INS NEIC	1	0.00	0.00	0.00	0.00	0.00	722.00	0.00	722.00
PRV2	PAPER - PRIVATE P	56	10716.40	7975.53	6828.23	1894.18	0.00	200.00	13.41	27627.75
REVIEW	REVIEW	14	0.00	632.00	0.00	5080.00	1001.00	637.57	346.00	7696.57
SINS	PAPER INS SECOND	3	0.00	99.00	0.00	822.06	0.00	0.00	0.00	921.06
TIME	TIME PAY ACCOUNT	1	0.00	0.00	0.00	0.00	0.00	0.00	654.00	654.00
U	MHR HOLD FOR MH	30	0.00	602.00	426.00	0.00	0.00	0.00	8136.00	9164.00
ZIRCAID	ELECT MEDICAID ZI	2	674.00	0.00	0.00	0.00	0.00	734.00	0.00	1408.00
Totals		129	15195.40	11876.83	7814.23	9278.12	2002.60	2293.57	9101.41	57562.16

Charge Summary

PLYMOUTH MONTHLY CHARGE REPORT

Summary By Charge Code - Code Description

ID	Description	QTY	QTY %	Charge Count	Charge Count	Charges	Total Charge %
0427	ALS EMERGENCY	15	9.31	15	31.91	9750.00	61.72
0433	ALS II EMERGENCY	1	0.62	1	2.13	800.00	5.06
0429	BLS EMERGENCY	5	3.10	5	10.64	2500.00	15.83
0425MC	CMS MILEAGE	79.2	49.13	11	23.40	950.40	6.02
0425	MILEAGE	56	34.74	10	21.28	672.00	4.25
MVA	MOTOR VEHICLE ACCIDENT	5	3.10	5	10.64	1125.00	7.12
Totals For All		161.2		47		15797.40	

Credit Summary

Summary By Credit As - Code Description

PLYMOUTH MONTHLY CREDIT REPORT

ID	Description	Credits	QTY %	Amount	Amount %
2	Adjustment	22	31.43	1893.94	13.57
3	Discount	1	1.43	4.05	0.03
1	Other Payment	27	38.57	9991.65	71.59
6	Patien: Payment	8	11.43	703.82	5.04
5	Write Off	12	17.14	1362.54	9.76
Totals For All		70		13956.00	

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Incident Summary by Incident Type

For Dates: 9/1/19 - 9/30/19



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Shift: A				
Station: MA				
Rescue & Emergency Medical Service Incidents	1	00:07:35	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: MA	2	00:03:48	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	34	00:04:55	\$ 0.00	\$ 0.00
Service Calls	1	00:09:49	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:06:26	\$ 0.00	\$ 0.00
Total for Station: ST1	39	00:04:52	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	12	00:07:48	\$ 0.00	\$ 0.00
Service Calls	2	00:06:53	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: ST2	15	00:07:09	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	26	00:07:12	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:09:00	\$ 0.00	\$ 0.00
Service Calls	1	00:04:29	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:05:38	\$ 0.00	\$ 0.00
Total for Station: ST3	34	00:06:24	\$ 0.00	\$ 0.00
Total for Shift: A	90.00	00:05:48	\$ 0.00	\$ 0.00

Shift: B

Station: ST1				
Rescue & Emergency Medical Service Incidents	21	00:06:17	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:09:51	\$ 0.00	\$ 0.00
False Alarm & False Calls	4	00:06:56	\$ 0.00	\$ 0.00
Severe Weather & Natural Disasters	1	00:07:01	\$ 45,000.00	\$ 950,000.00
Total for Station: ST1	27	00:06:32	\$ 45,000.00	\$ 950,000.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	8	00:07:17	\$ 0.00	\$ 0.00
Total for Station: ST2	8	00:07:17	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	22	00:07:08	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:02:44	\$ 0.00	\$ 0.00
Good Intent Calls	5	00:03:42	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:09:38	\$ 0.00	\$ 0.00

12 of 14

Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Total for Station: ST3	30	00:06:35	\$ 0.00	\$ 0.00
Total for Shift: B	65.00	00:06:39	\$ 45,000.00	\$ 950,000.00
Shift: C				
Station: MA				
Fires	1	00:04:52	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:04:52	\$ 0.00	\$ 0.00
Station: ST1				
Fires	1	00:09:38	\$ 0.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	23	00:05:58	\$ 0.00	\$ 0.00
Service Calls	1	00:04:09	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	6	00:04:47	\$ 0.00	\$ 0.00
Total for Station: ST1	33	00:05:27	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	16	00:06:29	\$ 0.00	\$ 0.00
Service Calls	2	00:04:44	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:05:37	\$ 0.00	\$ 0.00
Total for Station: ST2	23	00:05:39	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	21	00:06:03	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:07:43	\$ 0.00	\$ 0.00
Service Calls	2	00:11:17	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:04:42	\$ 0.00	\$ 0.00
False Alarm & False Calls	9	00:04:40	\$ 0.00	\$ 0.00
Total for Station: ST3	36	00:05:56	\$ 0.00	\$ 0.00
Total for Shift: C	93.00	00:05:41	\$ 0.00	\$ 0.00
Total	248.00	00:05:59	\$ 45,000.00	\$ 950,000.00

13 of 14

Inspection Volume

10/3/2019 3:50:58 PM

Filters:

- Inspection Source: **Internal Department Only**
- Start Date: **9/1/2019 12:00:00 AM**
- End Date: **9/30/2019 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}	24		49,336
Semi-Annual (twice a year) ^{FS}	8		7,000
2-Year ^{FS}	1		0
3-Year ^{FS}	8		5,010
Final - Occupancy ^{FS}	2		50,000
Fire Alarm Test ^{FS}	8		249,000
Freedom of Information ^{FS}	1		0
Plan Review ^{FS}	1		5,000
Re-inspect ^{FS}	1		0
2-Year (1)			
Total 1³			
Reoccupancy ^{FS}	1		0
Suppression System ^{FS}	2		0
Total	57	9	365,346

Totals

	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
Annual ^{FS}	24				49,336
Semi-Annual (twice a year) ^{FS}	8				7,000
2-Year ^{FS}	1				0
3-Year ^{FS}	8				5,010
Final - Occupancy ^{FS}	2				50,000
Fire Alarm Test ^{FS}	8				249,000
Freedom of Information ^{FS}	1				0
Plan Review ^{FS}	1				5,000
Re-inspect ^{FS}	1				0
Reoccupancy ^{FS}	1				0
Suppression System ^{FS}	2				0
Total⁵	57	9	0	9	365,346

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 Department

Monthly Report

September 2019



PART-ONE CRIMES



January 1, 2019 through December 31, 2019													
2019	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
CSC	0	0	0	1	0	0	1	0	1				3
Robbery	0	0	0	0	0	0	0	0	0				0
Aggravated Assault	0	3	1	1	1	0	1	1	1				9
Burglary	2	1	0	2	0	1	5	6	3				20
Larceny	18	9	16	8	11	9	9	8	12				100
Auto Theft	1	2	3	1	0	1	1	1	2				12
Arson	0	0	0	0	0	0	1	0	0				1
Retail Fraud	1	2	0	1	0	0	0	1	2				7
Total	22	17	20	14	12	11	18	17	21	0	0	0	152
CALLS FOR SERVICE													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Part A Crimes	39	38	53	38	35	39	44	29	47				362
All Other Crimes	101	90	86	91	97	89	88	72	97				811
Total	140	128	139	129	132	128	132	101	144	0	0	0	1,173

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	0	0
CSC	1	1	0	0	1	0	1	0	4	1	1	0	10
Robbery	0	0	1	0	1	0	0	0	0	0	0	0	2
Aggravated Assault	0	0	3	0	1	0	1	2	2	3	2	0	14
Burglary	1	0	1	0	1	5	2	1	1	2	1	3	18
Larceny	7	5	1	9	22	13	14	14	9	15	9	6	124
Auto Theft	1	1	0	1	0	3	0	2	0	3	1	2	14
Arson	0	0	0	0	0	0	0	0	0	0	0	0	0
Retail Fraud	1	0	2	0	1	0	2	1	1	0	3	2	13
Total	11	7	8	10	27	21	20	20	17	24	17	13	195
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	38	39	526
All Other Crimes	97	78	99	45	105	108	95	117	111	88	98	95	1136
Total	144	118	134	78	158	158	143	165	153	141	136	134	1,662

2019 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,266	1,121	1,365	1,134	1,207	1,349	1,405	1,273	1,226	0	0	0	11,346
# of Non-Emergency Calls	2,602	2,381	2,319	2,262	2,852	2,732	2,743	2,309	2,340	0	0	0	22,540
Total	3,868	3,502	3,684	3,396	4,059	4,081	4,148	3,582	3,566	0	0	0	33,886

POLICE AND FIRE RESPONSE

2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	1,497	1,322	1,146	1,338	1,445	1,468	1,337	1,138	1,216	0	0	0	11,907
Township Police	1,255	1,025	1,410	1,085	1,244	1,190	1,209	1,158	1,188	0	0	0	10,764
Township Fire	282	240	234	243	239	263	287	267	248	0	0	0	2,303
City Fire	108	86	73	84	81	86	81	56	73	0	0	0	728
Total	3,142	2,673	2,863	2,750	3,009	3,007	2,914	2,619	2,725	0	0	0	25,702

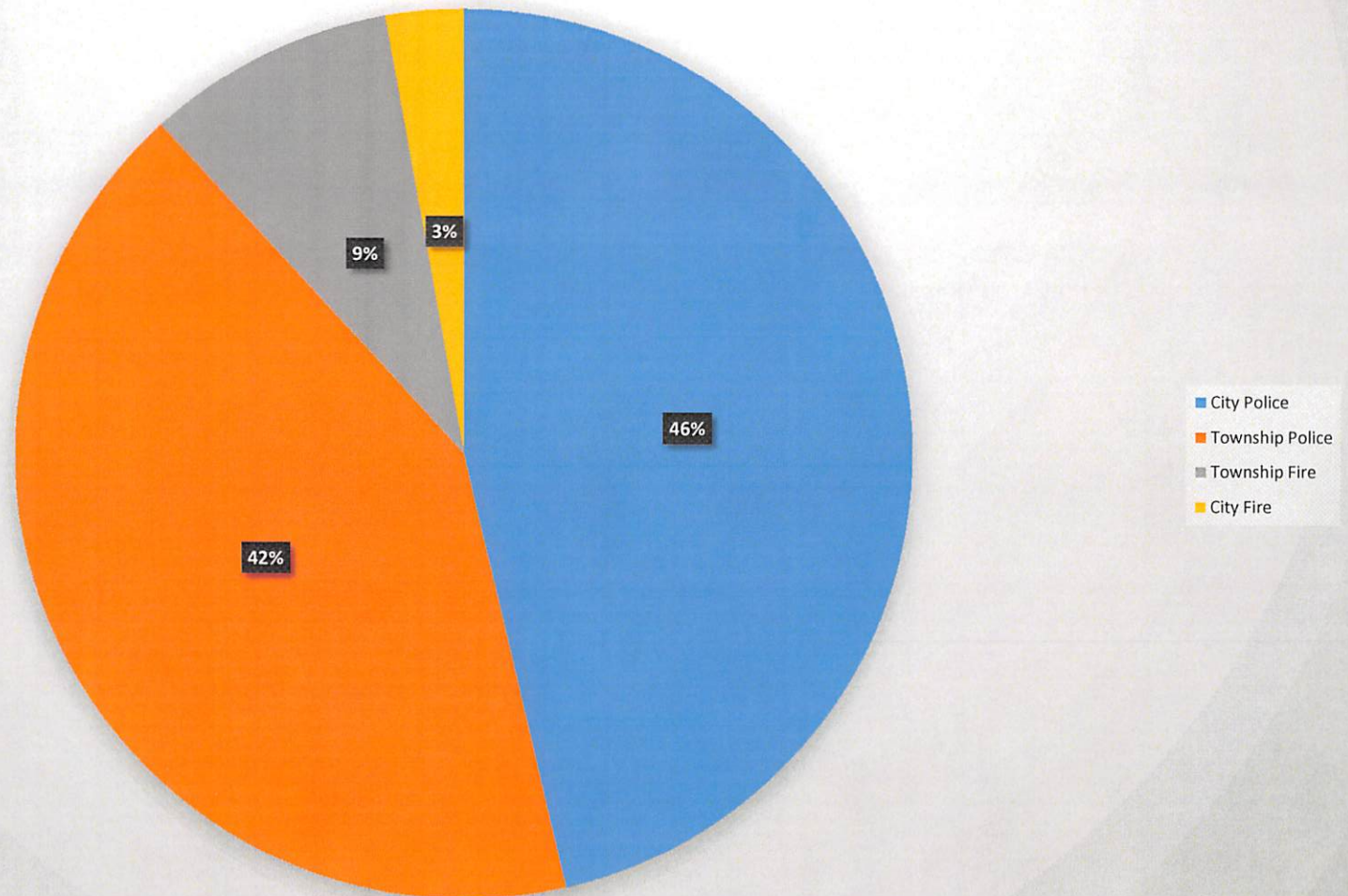
2018 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,177	1,028	1,124	1,169	1,243	1,329	1,400	1,284					
# of Non-Emergency Calls	2,696	2,571	2,637	2,487	2,816	2,705	2,883	2,692	2,576	2,576	2,296	2,467	
Total	3,873	3,599	3,761	3,656	4,059	4,034	4,283	3,976	2,576	2,576	2,296	2,467	0

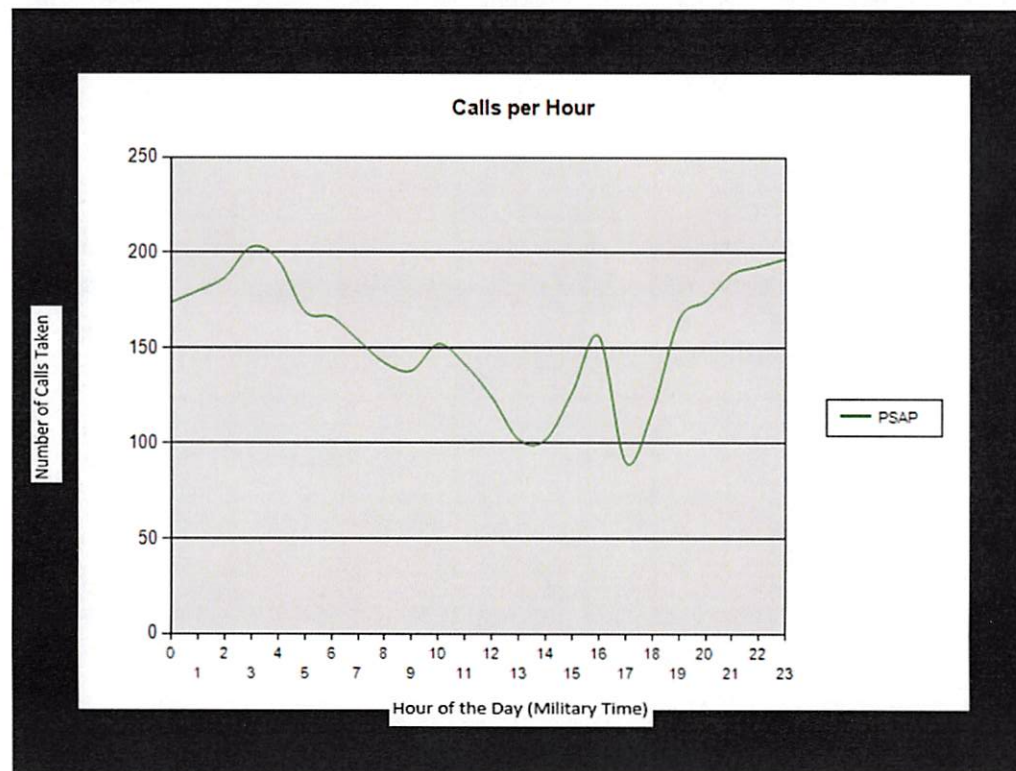
POLICE AND FIRE RESPONSE

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	1,370	1,335	16,473
Township Police	1,248	976	1,218	1,107	1,333	1,331	1,285	1,346	1,245	1,179	1,149	1,163	14,580
Township Fire	273	232	262	227	249	2,240	269	239	275	271	220	233	2,974
City Fire	77	81	78	74	86	70	98	80	87	89	69	82	971
Total	3,098	2,520	2,966	2,634	3,151	4,991	3,053	2,986	3,007	2,987	2,808	2,813	34,998

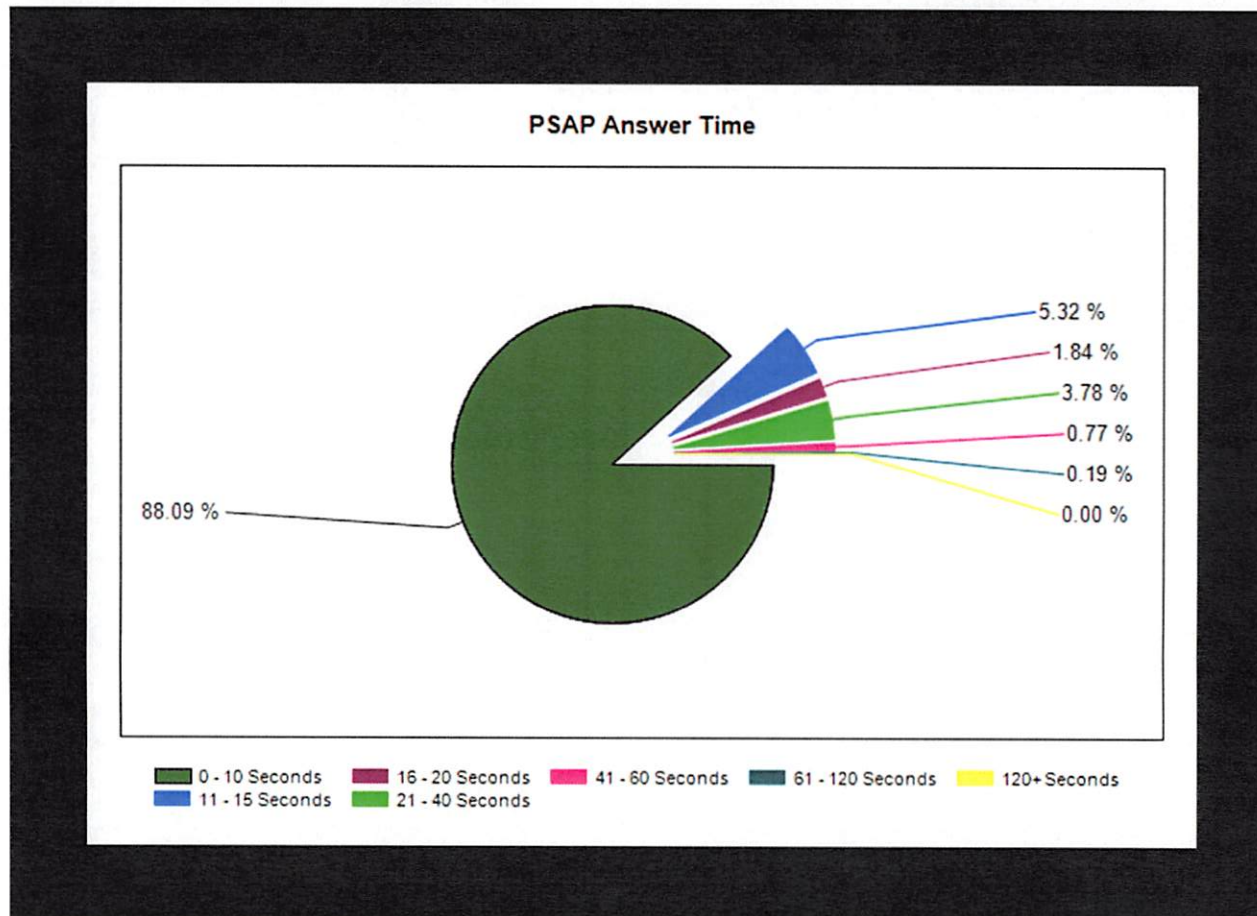


Police and Fire Response - YTD





Date	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	Total
September 2019	174	180	187	203	196	169	166	154	142	138	152	141	124	102	102	127	156	90	117	165	175	189	193	197	3739
Total	174	180	187	203	196	169	166	154	142	138	152	141	124	102	102	127	156	90	117	165	175	189	193	197	3739
Abandoned Calls	17	17	6	10	12	10	10	12	14	12	10	8	5	5	4	5	12	5	10	7	11	9	10	11	232

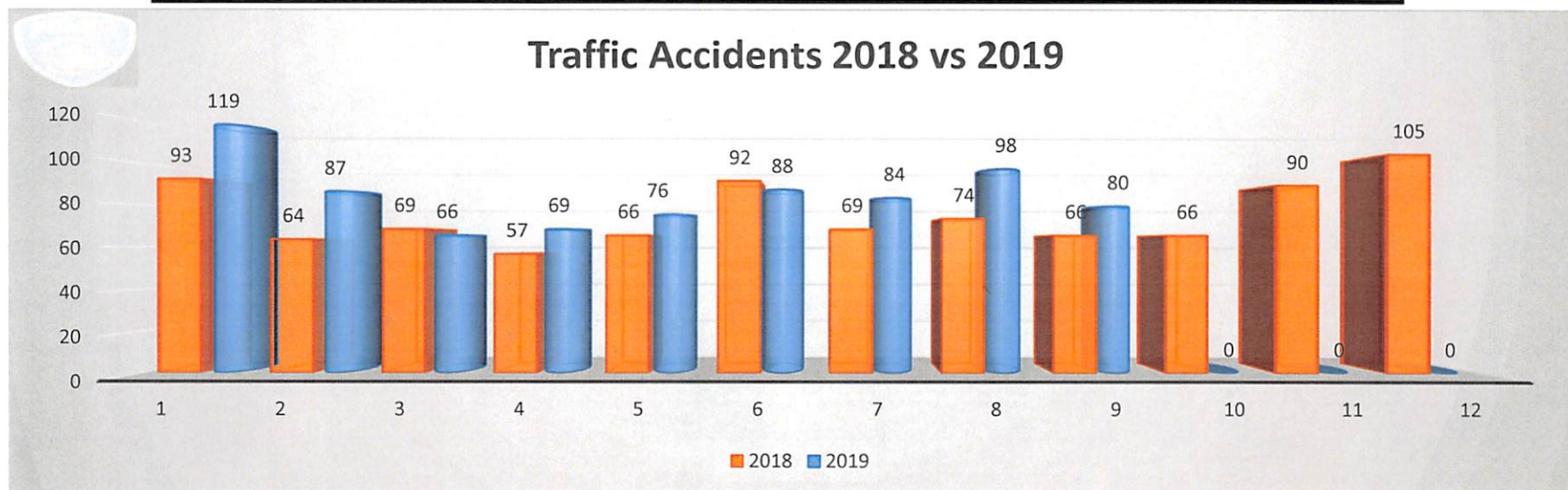


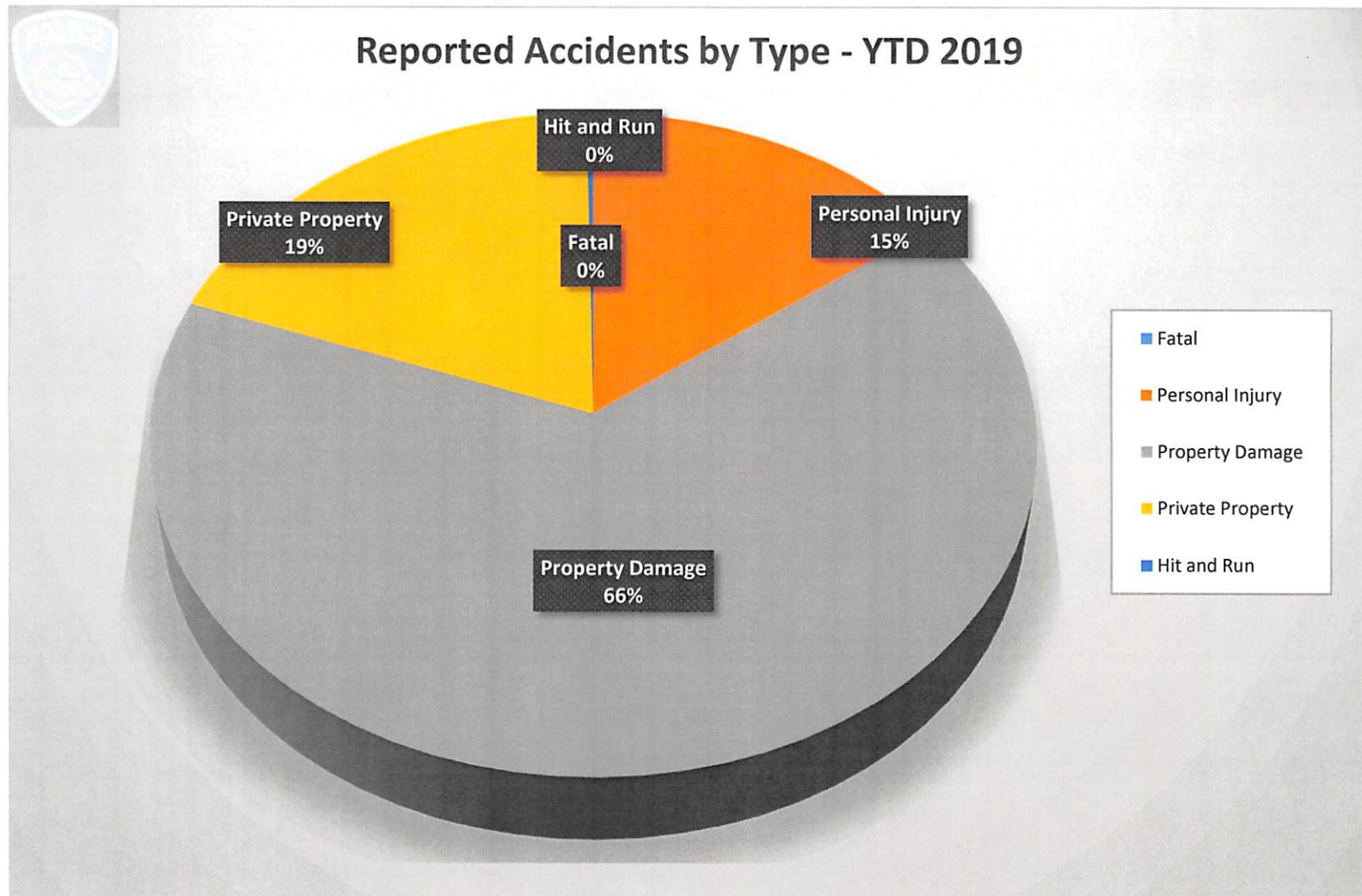
% answer time ≤ 10 seconds	88.09%
% answer time ≤ 20 seconds	95.26%



- 3.1 **Standard for answering 9-1-1 Calls.** Ninety percent (90%) of all 9-1-1 calls arriving at the Public Safety Answering Point (PSAP) shall be answered within ten (10) seconds during the busy hour (the hour each day with the greatest call volume, as defined in the NENA Master Glossary). Ninety-five (95%) of all 9-1-1 calls should be answered within twenty (20) seconds.

TRAFFIC ACCIDENT SUMMARY													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	14	5	10	11	13	14	14	16	17	0	0	0	114
Property Damage	92	63	47	41	47	59	49	57	49	0	0	0	504
Private Property	13	19	9	17	16	13	21	25	14	0	0	0	147
Hit and Run	0	0	0	0	0	2	0	0	0	0	0	0	2
Total	119	87	66	69	76	88	84	98	80	0	0	0	767
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	12	9	7	13	3	8	14	7	9	9	15	14	120
Property Damage	68	44	49	34	47	61	40	47	49	43	63	85	630
Private Property	13	11	13	10	16	22	15	20	8	14	12	6	160
Hit and Run	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	93	64	69	57	66	92	69	74	66	66	90	105	911





TRAFFIC VIOLATION SUMMARY

January 1, 2019 through December 31, 2019													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	5	1	10	7	7	2	2	9	6	0	0	0	49
Speed	41	40	53	77	79	50	74	49	52	0	0	0	515
Commercial	8	0	1	0	2	1	0	4	2	0	0	0	18
Traffic Stops	509	384	474	455	454	404	429	405	397	0	0	0	3,911

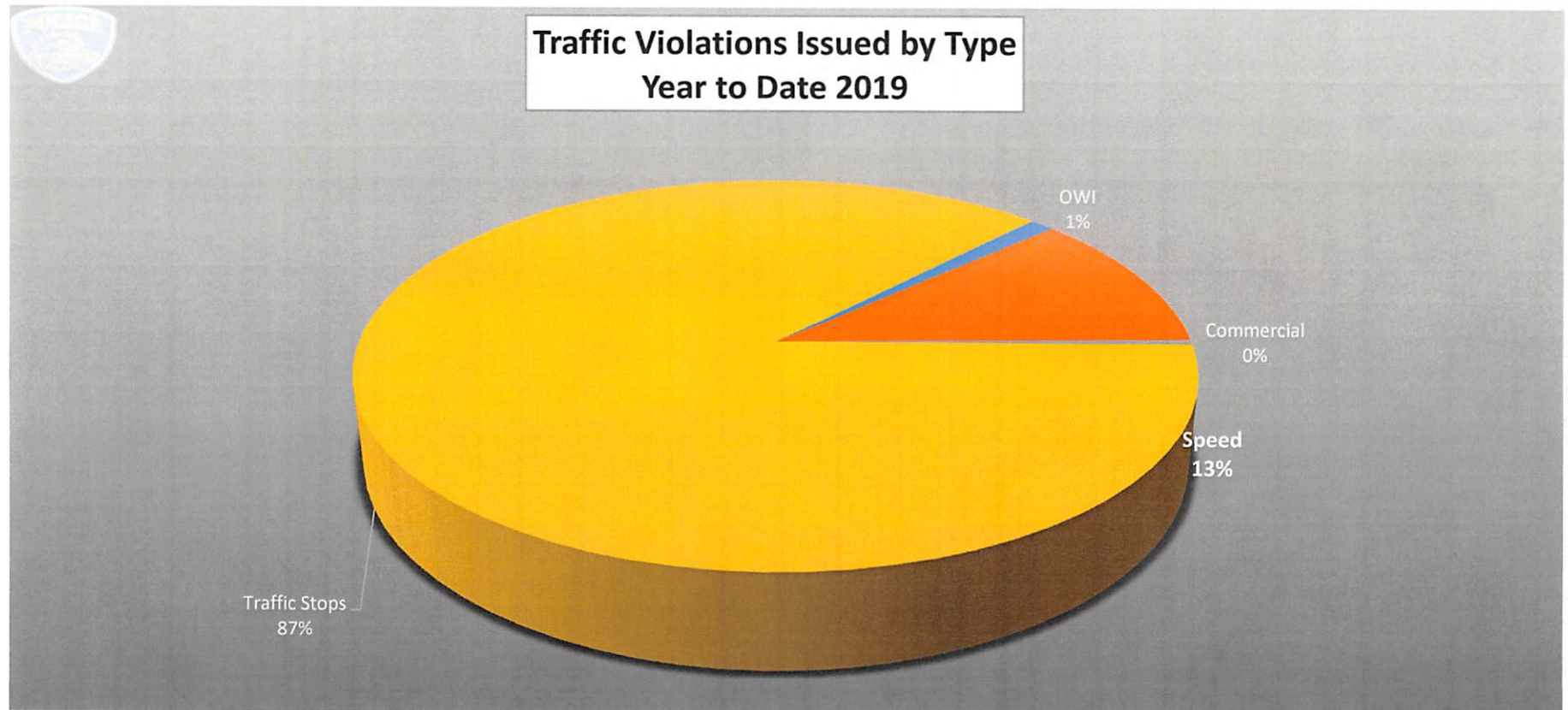
Number of Arrests

2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Felony	14	5	9	3	4	10	10	14	13	0	0	0	82
Misdemeanor	65	42	64	54	48	48	59	47	74	0	0	0	501
Citations	262	192	237	221	230	193	194	222	206	0	0	0	1,957
Total	341	239	310	278	282	251	263	283	293	0	0	0	2,540

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	7	4	46
Speed	31	18	40	45	83	114	82	102	75	91	49	66	796
Commercial	3	1	0	0	5	5	14	0	6	1	3	5	43
Traffic Stops	430	276	432	392	521	578	529	622	550	474	482	467	5,753

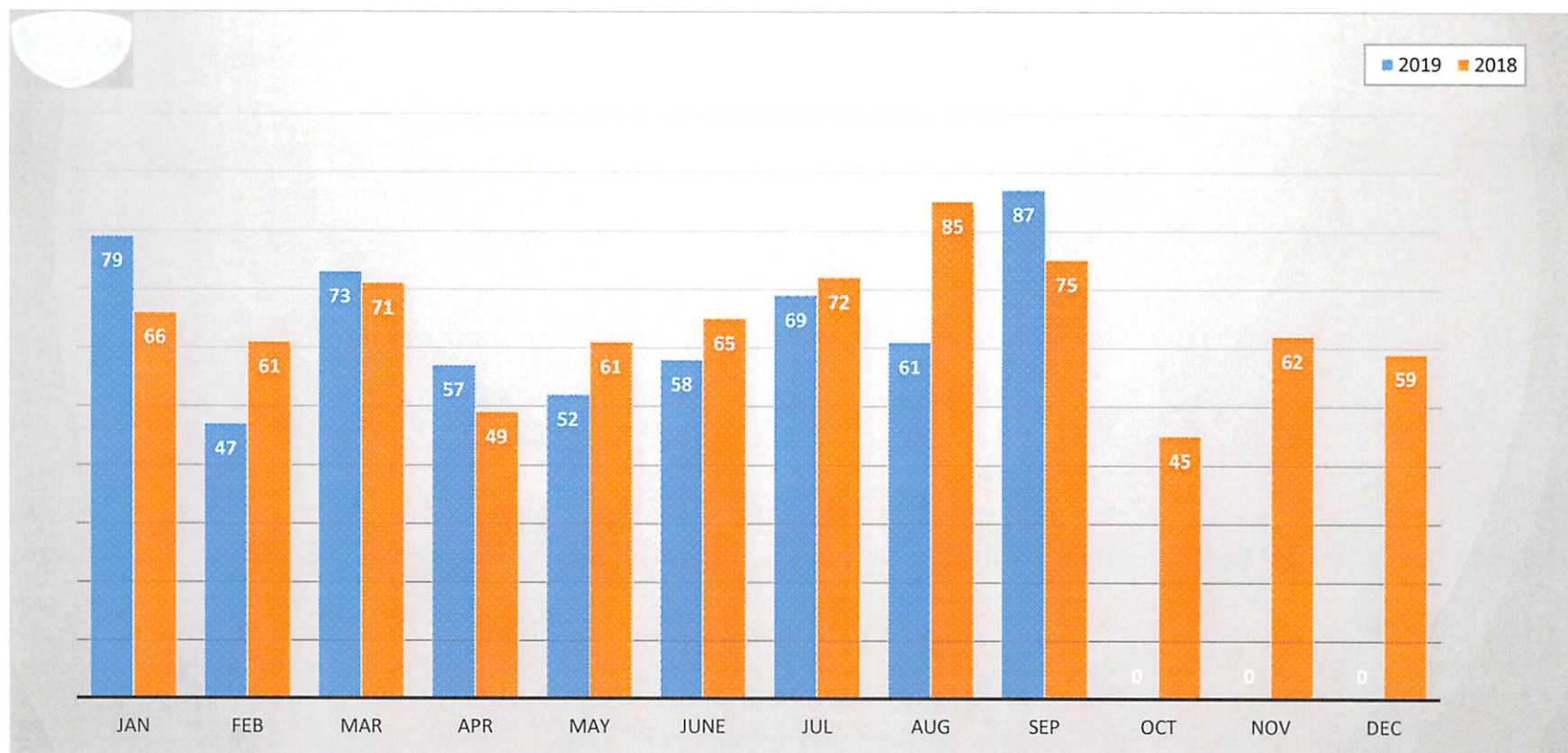
Number of Arrests

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	11	12	104
Misdemeanor	57	53	64	44	54	54	62	73	70	38	51	47	667
Citations	230	139	236	192	248	317	241	283	277	213	233	258	2,867
Total	296	200	307	241	309	382	313	368	352	258	295	317	3,638



NUMBER OF ARRESTS

Column1	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
2019	79	47	73	57	52	58	69	61	87	0	0	0	583
2018	66	61	71	49	61	65	72	85	75	45	62	59	771




MCKENNA

Memorandum

TO: Board of Trustees; and
Planning Commission;
Charter Township of Plymouth, Michigan

FROM: Laura E. Haw, AICP, NCI, Senior Principal Planner
Natalie Bond, Assistant Planner

SUBJECT: Planning and Zoning Services Monthly Report – September, 2019

DATE: October 2, 2019

PLANNING AND ZONING

McKenna provides day-to-day assistance to the Township, applicants, and public regarding zoning, planning and economic development matters, including on-site office hours every morning and on an as-needed basis. The following is McKenna's monthly report to the Township:

Zoning and Planning 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 Activity	
PROJECT	CURRENT STATUS (updates for the month are shown in <u>underlined text</u>)
#2138 49600 Ann Arbor Rd. <i>Andover Forest</i>	<u>Final Stamp in progress, pending Township receipt of recorded legal documents.</u>
#2271 39550 Ann Arbor Rd. <i>Quick Pass Car Wash</i>	<u>Applicant submitted for Final Stamp; review pending with engineering.</u>
#2296 12731 Beck Rd. <i>Verona Park</i>	<u>Applicant submitted for Final Stamp, awaiting final legal documents.</u>
#2303 41100 Plymouth Rd. <i>Burroughs</i>	Administrative site plan (major) improvements for lighting, landscaping and pedestrian safety. Phase 1 (lighting, landscaping and sidewalk with parking lot improvements) approved. <u>Revised plans for Phase 2 site work submitted; review conducted; awaiting revised plans for Township review and all outside agency approvals.</u>

HEADQUARTERS
235 East Main Street
Suite 105
Northville, Michigan 48167

☎ 248.596.0920
F 248.596.0930
MCKA.COM

Communities for real life.



Planning and Zoning Activity

PROJECT	CURRENT STATUS (updates for the month are shown in <u>underlined text</u>)
#2306 41661 Plymouth Rd. <i>Hillside Residences</i>	On November 14, 2018 the Planning Commission granted tentative site plan for 88 residential units and a revised development plan was recommended to the Board of Trustees on January 16, 2019. <u>Pending Township Attorney review, Wayne County permits, and engineering review and all outstanding items and conditions of approval must be addressed, prior to further consideration.</u>
#2312 <i>Ponds at Andover</i>	Application for seven (7) single-family detached units on 11 acres submitted to the Township. <u>A meeting with the applicant's team was requested to review general site layout, utilities, etc. prior to tentative site plan (CHO) consideration by the Planning Commission at a future date.</u>
#2313 <i>Ridge 5 Corporate Park</i>	Final site plan was approved at the June 19, 2019 Planning Commission meeting. <u>Final Stamp process pending.</u>
#2314 15100 Fogg St.	Tentative site plan approval for new industrial building granted by the Planning Commission on December 12, 2018. <u>New materials or a one year extension request must be submitted by November 12, 2019 or the file will be closed.</u>
#2317 <i>Powell Rd.</i>	Cluster Housing Option (CHO) request for parcel #: R-78-046-99-0002-72. Public hearing held at the January 16, 2019 Planning Commission meeting; the Commission postponed the agenda item for up to 12 months. <u>Applicant to submit revised plans by December, 2019 or the file will be closed.</u>
#2320 <i>Innotech Business Park</i>	Final site plan approval, with conditions, granted by the Planning Commission for the Innotech Business Park on April 17, 2019 for infrastructure and utilities only. <u>Applicant to submit for Final Stamp, pending all engineering permits and approvals.</u>
#2325 40880 Ann Arbor Rd. <i>Burger King</i>	Facade and minor site improvements to the existing Burger King approved for tentative site plan by the Planning Commission on March 20, 2019. <u>Applicant to submit for final site plan consideration.</u>
#2332 <i>Boleski Funeral Home</i>	Applicant withdrawn from the April 17, 2019 Planning Commission agenda. <u>Applicant to re-submit additional plans at a future date.</u>
#2338 14973 Northville Rd. <i>Phoenix Mill</i>	Brownfield Plan submitted for environmental clean-up and redevelopment assistance at the former Phoenix Mill site. <u>Public hearing and consideration held at the June 10, 2019 Brownfield Redevelopment Authority meeting; recommendation for approval made by the BRA to the Board of Trustees. Board of Trustees granted approval for the Brownfield Plan at their August 27, 2019 meeting.</u>
#2340 43939 Plymouth Oaks Blvd.	<u>Final Stamp granted. File to be closed.</u>
#2342 <i>General Drive Plymouth Storage</i>	<u>Special land use request for self-storage facilities with RV storage. Planning Commission public hearing scheduled for October, 2019.</u>
#2343 <i>Burger King Remodel</i>	<u>Site plan for a facade renovation and site improvements to the existing Burger King facility.</u>
#2344 <i>Corpore Sano Building Addition</i>	<u>Building addition proposed for the existing Corpore Sano professional office facility; final site plan approval granted at the September 18 Planning Commission meeting. Final stamp pending.</u>



FINANCIAL ACTIVITY

The following table details payments received by applicants as determined by the adopted Fee Schedule:

Planning and Zoning Fees Received	Current	2019 YTD
Applications <i>(September only)</i>	\$5,650.00	\$62,258.80
#2233-0217: Landscape Inspection and Report	\$700.00	-
#2308-0818: Landscape Inspection and Report	\$700.00	-
#2346-0919: Site Plan (tentative)	\$4,250.00	-

RECOMMENDATIONS AND NEXT MONTH OUTLOOK

- Creation of a long-range plan for the planting of 151 trees in Township public land, (the trees are a result of the Webasto site plan “payment in-lieu” approval) is underway.
- Plymouth Township was awarded a \$100,000 MEDC Site Readiness Site Improvement Grant for MITC, in partnership with Gary Roberts, Jennifer Frey and David Schreiber. All parties continue to work together to administer and implement the grant.
- Review of parking standards, Article 24 of the Zoning Ordinance, underway
- Second meeting of the Historic District Commission took place in September, a third meeting is scheduled for October 23, 2019.
- In conjunction with the Treasurer Mark Clinton, the Township successfully submitted all brownfield authority reports to the state.

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: 10/01/2019 8:00 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
9/3/2019	Records Deposition Service	Records Deposition Service, Inc	EMS Report	
9/6/2019	Meshbeshier & Spence, Ltd	Thanaa Mahmood	Other	
9/6/2019	Meshbeshier & Spence, Ltd	Enas Hussein	Other	
9/10/2019	M1 Capital	Analyst Joshua Colon	Zoning	
9/11/2019	AIC Ventures	Allison Bendele	Public Services-Works	
9/11/2019		Mr Duane Zantop	Election Records	
9/12/2019		Keith Lermينياux	Other	
9/12/2019	Records Deposition Service	Records Deposition Service, Inc	EMS Report	
9/13/2019	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Fire Report	
9/17/2019	Applied Environmental	Mr Tim Suess	Assessing Records Building Fire Report	
9/18/2019	Plymouth City Municipal Services	Jennifer Coykendall	Contract	
9/26/2019		Terrence Hubbard	Building	
Total Requests: 12				Total Dollars: 0

PD FOIA Monthly Report

Run Date: 10/01/2019 8:00 AM

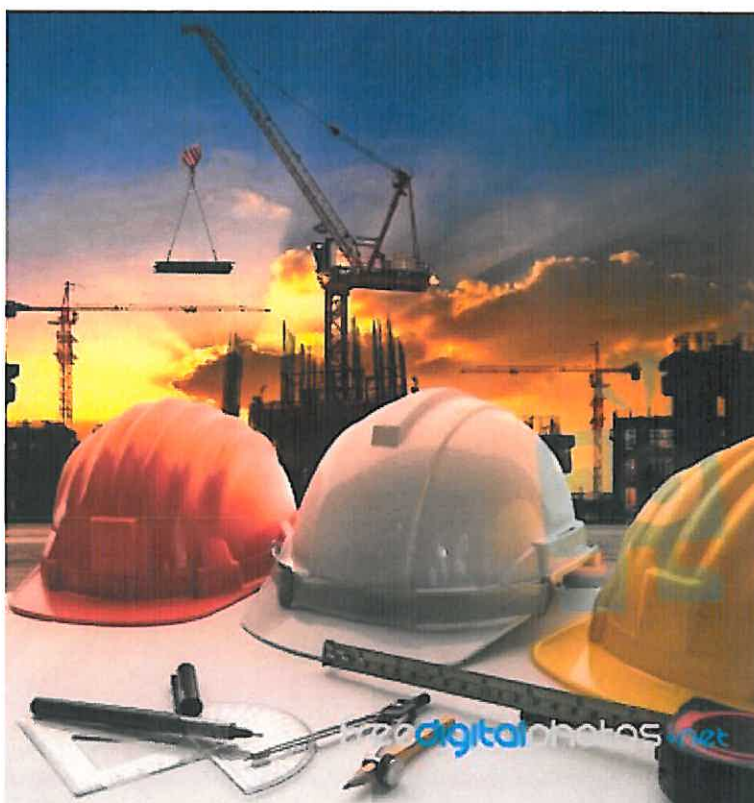
Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
9/3/2019		Taylor Ramanauskas	Police Records	28.23
9/3/2019		Janice Blakeman	Police Records	0.00
9/4/2019	Associated Newspapers of MI	Don Howard	Police Records	0.00
9/6/2019	Associated Newspapers of MI	Don Howard	Police Records	0.00
9/6/2019		George Riley	Police Records	0.00
9/9/2019	Associated Newspapers of MI	Don Howard	Police Records	0.00
9/10/2019		Kevin Gibson	Police Records	0.00
9/10/2019		Michael Zuccarini	Police Records	12.78
9/11/2019		Richard Polan	Police Records	0.00
9/11/2019	Kirsch Daskas Law Grou	Attorney Carly Babi	Police Records	
9/13/2019		Jacqueline Jammoul	Police Records	0.00
9/13/2019		Melissa Courtney	Police Records	0.00
9/16/2019		Timothy Meyer	Police Records	0.00
9/16/2019	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Police Records	0.00
9/19/2019		Stephanie Macey	Police Records	0.00
9/19/2019		Frank Walker	Police Records	0.00
9/23/2019		Paul Siebert	Police Records	0.00
9/23/2019	LSS Consulting Inc	Sophia Kiafoulis	Police Records	0.00
9/23/2019	Starkweather Academy	Kevin Lane	Police Records	0.00
9/24/2019		Mr Daniel Jensen	Police Records	2.10
9/30/2019		Marco Bisbikis	Police Records	21.31
9/30/2019		Mike Morse	Police Records	
9/30/2019		Edward Duke	Police Records	23.76
Total Requests: 23				Total Dollars: 88.18

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

CONSENT AGENDA

**ITEM D.2
ACCEPTANCE OF COMMUNICATIONS,
RESOLUTIONS, REPORTS
OCTOBER, 2019**

CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

**OCTOBER
2019**

[illegible]

New Commerical Building for 2019

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Webasto	14200 Haggerty	New building	18,197,930	Issued	
Taco Bell	47673 5 Mile RD	New building	750,000	Issued	September
Plymouth Plaza	Beck RD	Shell/foundation	500,000	Issued	October
Total Construction Value			19,447,930		

New Commercial Additions/Alterations for 2019

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Freudenberg	47690 Anchor CT	Hydrogen tank	30,000	Issued	January
Anderson Process	41304 Concept	Tenant Finish	140,000	Issued	January
Michigan Medical Association	9401 General DR	Tenant Finish	85,000	Issued	January
Lairds Glass	42320 Ann Arbor Rd	Exterior remodel	53,200	Issued	January
Burrough's	41100 Plymouth Rd	3rd floor lobby/conference	125,000	Issued	January
Buddy's Pizza	15075 Beck RD	Tenant Finish	380,000	Issued	February
St John's Conference Center	44045 Five Mile	Bathroom updates	60,000	Issued	March
Burrough's	41100 Plymouth Rd	Remodel 18 bathrooms	225,000	Issued	March
Peak Wealth Management	41011 Ann Arbor RD	Interior remodel	80,000	Issued	March
Adient US LLC	49200 Halyard	Phase 2D Interior	1,250,000	Issued	March
Comprehensive Care Specialist	45211 Helm	Tenant Finish	400,000	Issued	April
Hock DDS	44560 Ann Arbor RD	Tenant Finish	244,300	Issued	April
Link Engineering	41100 Plymouth Rd	Tenant Finish	250,000	Issued	April
Rivian	13250 Haggerty RD	Tenant Finish	900,000	Issued	April
Banks Vacuum	937 Ann Arbor RD	Tenant Finish	20,000	Issued	May
Burrough's	41100 Plymouth Rd	Tenant Finish	88,000	Issued	May
Burrough's	41101 Plymouth Rd	Tenant Finish	800	Issued	May
Burrough's	41102 Plymouth Rd	Tenant Finish	148,000	Issued	May
Adient US LLC	49200 Halyard	Site Improvements	3,300,000	Issued	May
Freudenberg	47690 Anchor CT	Hydrogen tank	173,000	Issued	May
Cygnet	9120 General DR	Truck wells	201,319	Issued	June
Plymouth Parks & Eats	39411 Schoolcraft	Dumpster enclosure	3,000	Issued	June
Powers and Sons LLC	47676 Galleon	Tenant Finish	35,000	Issued	June

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Baptist State Conventioning	41100 Plymouth RD #315	Tenant Finish	46,000	Issued	June
Hines Park Lincoln	40601 Ann Arbor RD	Car wash addition	200,000	Issued	June
Chase Bank	235 Sheldon RD	Solar Panels	12,489	Issued	July
PI-Innovo	47047 5 Mile RD	Tenant Finish	500,000	Issued	July
General Plymouth LLC	11333 General DR	Interior remodel	22,000	Issued	July
Adient US LLC	49200 Halyard	Phase 2E	250,000	Issued	July
McDonald's	15110 Beck RD	Interior/exterior remodel	250,000	Issued	July
Bosch Corporation	15000 Haggerty	Flag Poles	10,870	Issued	July
Kroger Plaza	Ann Arbor RD	Asphalt	90,000	Issued	July
Innovaton Works	41100 Plymouth RD \$345	Tenant Finish	39,000	Issued	August
Chase Bank	235 Sheldon RD	Interior remodel	5,000	Issued	August
Adient US LLC	49200 Halyard Phase 3B	Interior remodel	550,000	Issued	August
General Plymouth LLC	11333 General DR	Truck wells	40,000	Issued	August
United Roads	41100 Plymouth RD 4th	Tenant Finish	699,271	Issued	August
Michigan Education Credit Union	9200 Haggerty	Interior remodel	58,000	Issued	August
Dunkin Donuts	39600 Ann Arbor RD	Addition	300,000	Issued	August
Adient COE Bldg	47700 Halyard	Interior remodel Phase 3C	687,000	Issued	August
Buddy's Pizza	15075 Beck RD	Awnings	12,300	Issued	August
Comcast	41112 Concept	Interior remodel	100,000	Issued	September
Great Lake Glass	12707 Eckles	Interior remodel	800,000	Issued	September
K&D Investments	989 Ann Arbor RD	White Box	15,000	Issued	September
Bosch Corporation	15000 Haggerty	Mezzanine	204,000	Issued	September
Amazon	12815 Premier Center	Tenant Finish	678,000	Issued	September
Plymouth Village LLC	14707 Northville RD	Parking lot repaving	64,000	Issued	September
Burroughs	41100 Plymouth RD	Elevators	590,000	Issued	October
Tula Technology	46029 5 Mile RD	Parking lot repaving	48,860	Issued	October
45355 Helm Property LLC	45355 Helm	Parking lot repaving	100,000	Issued	October
FAW US	47659 Halyard	Interior remodel	330,000	Issued	October
Hatteras Printing	13200 Haggerty	Tenant Finish	431,708	Issued	October
Oerlikon	41144 Concept	Nitrogen pump station	28,243	Issued	October

Total Construction Value 15,353,360

Grand Total Construction Value 34,801,290

Residential Housing 2019

	<u>Single Family Detached</u>			
	<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	1	1	658,484	4,896
April	0			
May	4	4	1,235,626	10,618
June	0			
July	0			
August	0			
September	0			
October	6	6	2,167,553	15,382
November				
December				
Totals	11	11	\$4,061,663	30,896

	<u>Single Family Attached (Townhouses/ Row Houses)</u>			
	<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>Two-Family Buildings (Duplex)</u>			
	<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>Three-or-more Family Building (Apartments/Stacked Condos)</u>			
	<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	11	11	\$ 4,061,663	30,896

Certificate of Occupancy List

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF19-0038	ISSUED (FINAL)	Tiba LLC	44764 Helm	<u>CO Date Apply:</u> 10/01/2019	<u>CO Date Finaled:</u> 10/01/2019
<u>Permit Number</u> PB19-1012	<u>Applicant Name</u> Tiba LLC		<u>Contractor</u>	<u>Permit Date Apply:</u> 09/26/2019	<u>Permit Date Issued:</u> 0/01/2019
OF19-0039	ISSUED (FINAL)	ADAM, JOHN	9168 Marlowe	<u>CO Date Apply:</u> 10/10/2019	<u>CO Date Finaled:</u> 10/10/2019
<u>Permit Number</u> PB17-0122	<u>Applicant Name</u> Halim Homes		<u>Contractor</u> Halim Homes	<u>Permit Date Apply:</u> 03/01/2017	<u>Permit Date Issued:</u> 2/16/2018
OF19-0040	ISSUED (FINAL)	ADAM, JOHN	9200 Marlowe	<u>CO Date Apply:</u> 10/10/2019	<u>CO Date Finaled:</u> 10/10/2019
<u>Permit Number</u> PB18-0044	<u>Applicant Name</u> Halim Homes		<u>Contractor</u> Halim Homes	<u>Permit Date Apply:</u> 01/26/2018	<u>Permit Date Issued:</u> 2/23/2018
OF19-0041	ISSUED (FINAL)	FAIRWOOD WEST II	9341 HAGGERTY RD	<u>CO Date Apply:</u> 10/17/2019	<u>CO Date Finaled:</u> 10/17/2019
<u>Permit Number</u> PB19-1095	<u>Applicant Name</u> FAIRWOOD WEST II		<u>Contractor</u>	<u>Permit Date Apply:</u> 10/15/2019	<u>Permit Date Issued:</u> 0/17/2019
OF19-0042	ISSUED (FINAL)	DIMOSKI, RUBIN	12538 HOWLAND PARK	<u>CO Date Apply:</u> 10/23/2019	<u>CO Date Finaled:</u> 10/23/2019
<u>Permit Number</u> PB17-1174	<u>Applicant Name</u> Louie Dimoski		<u>Contractor</u> Dimoski Homes	<u>Permit Date Apply:</u> 12/28/2017	<u>Permit Date Issued:</u> 3/14/2018

All Records

Co.DateFinaled Between 10/1/2019 12:00:00 AM AND

10/31/2019 11:59:59 PM AND

Co.Status = ISSUED (FINAL)

Number of CofO's: 5

Temporary Certificates of Occupancy

Date	Address	Occupant	Category	Permit
October 3, 2019	47909 Halyard	Polytec	Commercial	PB17-0660
October 3, 2019	49555 N Territorial	Northridge Church	Commercial	PB18-0185
October 17, 2019	46441 5 Mile RD	Rayyan Center	Commercial	PB16-0896
October 17, 2019	41100 Plymouth Rd	Mile City Church Mezzanine	Commercial	PB18-1076
October 24, 2019	14951 Haggerty RD	St. Kenneth Church	Commercial	PB18-0706
October 24, 2019	47700 Halyard	Adient COE	Commercial	PB19-0787
October 28, 2019	44560 Ann Arbor RD	Hock Dentistry	Commercial	PB19-0139



Revenue Breakdown Report

11/05/2019

Filter: All Records, Transaction.DateToPostOn in <Previous month> [10/01/19 - 10/31/19] AND
 Transaction.TransactionNumber Not = 67,079 AND
 Transaction.TransactionNumber Not = 67,078

Unit Totals

Unit Name	Records	Revenue
	313	195,678.91
TOTAL	313	195,678.91

Record Type Totals

Unit:	Records	Revenue
Permit	313	195,678.91
UNIT TOTAL:	313	195,678.91

Record Type Breakdowns

Unit:		
Record Type: Permit	Records	Revenue
Building	145	95,313.00
Electrical	56	20,511.00
Mechanical	70	14,682.00
Plumbing	27	5,679.00
Sewer & Water	15	59,493.91
TOTAL:	313	195,678.91

136.185



Plymouth Township Fire Department

Monthly Report

October 2019

Response Information:

The Plymouth Township Fire Department responded to **280** emergencies this month.

There was an average of **9.03** runs per day this month.

PTFD's average response time was **5 minutes 41 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.

	Mutual Aid Received	Mutual Aid Given
Canton	1	10
Northville City	1	
Northville Township	4	3

EMS Information:

HVA transported **99** patients to the hospital.

Plymouth Township Fire transported **38** patients to the hospital.

Plymouth transports billed out \$ **27,911.40** this month, received **\$17,543.37** and have **\$9,641.41** in outstanding bills over 180 days.

Fire Loss:

There were **7** fires this month that accounted for **\$35,650.00** worth of damage to possessions and property. We prevented the destruction of **\$1,755,160.00** in property.

Fire Prevention:

Plymouth Township Fire Department provided **53** 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 **9** fire safety events to a total of **790** participants.

10/8/19

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

Reports Included:

CLEMIS Reports

Incidents Section

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

Local Section

- Fire Department Response Times
 - Turnout Time
 - Response Time

Health EMS

Agency Productivity

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

Billing Summary

Inspection Report

Total count for Public Education – Review Fire Modules Calendar

Yearend – include total training hours

Incident Type Count Report

Date Range: From 10/1/19 To 10/31/19

Selected Station(s): All



Count

Station: MA

321 - EMS call, excluding vehicle accident with injury	1	.4%
Total - Rescue & Emergency Medical Service Incidents	1	.4%
531 - Smoke or odor removal	1	.4%
Total - Service Call	1	.4%
9001 - Dispatch Error	1	.4%
Total - Special Incident Type	1	.4%
Total for Station	3	1.1%

Station: ST1

113 - Cooking fire, confined to container	1	.4%
131 - Passenger vehicle fire	1	.4%
143 - Grass fire	1	.4%
Total - Fires	3	1.1%
240 - Explosion (no fire), other	1	.4%
Total - Overpressure Rupture, Explosion, Overheat - no fire	1	.4%
320 - Emergency medical service, other	3	1.1%
321 - EMS call, excluding vehicle accident with injury	72	25.7%
322 - Vehicle accident with injuries	6	2.1%
Total - Rescue & Emergency Medical Service Incidents	81	28.9%
444 - Power line down	2	.7%
Total - Hazardous Conditions (No fire)	2	.7%
500 - Service Call, other	1	.4%
550 - Public service assistance, other	1	.4%
551 - Assist police or other governmental agency	2	.7%
561 - Unauthorized burning	1	.4%
Total - Service Call	5	1.8%
600 - Good intent call, other	2	.7%
611 - Dispatched & cancelled en route	5	1.8%
Total - Good Intent Call	7	2.5%
700 - False alarm or false call, other	4	1.4%
715 - Local alarm system, malicious false alarm	1	.4%
746 - Carbon monoxide detector activation, no CO	1	.4%
Total - False Alarm & False Call	6	2.1%
900 - Special type of incident, other	1	.4%

3 of 16

	<u>Count</u>	
Total - Special Incident Type	1	.4%
Total for Station	106	37.9%

Station: ST2

113 - Cooking fire, confined to container	1	.4%
131 - Passenger vehicle fire	1	.4%
Total - Fires	2	.7%
321 - EMS call, excluding vehicle accident with injury	63	22.5%
322 - Vehicle accident with injuries	3	1.1%
Total - Rescue & Emergency Medical Service Incidents	66	23.6%
412 - Gas leak (natural gas or LPG)	1	.4%
Total - Hazardous Conditions (No fire)	1	.4%
500 - Service Call, other	1	.4%
551 - Assist police or other governmental agency	1	.4%
554 - Assist invalid	1	.4%
Total - Service Call	3	1.1%
611 - Dispatched & cancelled en route	3	1.1%
631 - Authorized controlled burning	1	.4%
Total - Good Intent Call	4	1.4%
700 - False alarm or false call, other	1	.4%
711 - Municipal alarm system, malicious false alarm	2	.7%
736 - CO detector activation due to malfunction	1	.4%
744 - Detector activation, no fire - unintentional	1	.4%
Total - False Alarm & False Call	5	1.8%
9001 - Dispatch Error	1	.4%
Total - Special Incident Type	1	.4%
Total for Station	82	29.3%

Station: ST3

113 - Cooking fire, confined to container	1	.4%
140 - Natural vegetation fire, other	1	.4%
Total - Fires	2	.7%
300 - Rescue, emergency medical call (EMS) call, other	1	.4%
321 - EMS call, excluding vehicle accident with injury	57	20.4%
322 - Vehicle accident with injuries	3	1.1%
Total - Rescue & Emergency Medical Service Incidents	61	21.8%
441 - Heat from short circuit (wiring), defective/worn	1	.4%
Total - Hazardous Conditions (No fire)	1	.4%
500 - Service Call, other	1	.4%
Total - Service Call	1	.4%
600 - Good intent call, other	1	.4%
611 - Dispatched & cancelled en route	7	2.5%
6111 - Hospice Death	1	.4%

408/6

	<u>Count</u>	
622 - No incident found on arrival at dispatch address	3	1.1%
650 - Steam, other gas mistaken for smoke, other	1	.4%
Total - Good Intent Call	13	4.6%
700 - False alarm or false call, other	5	1.8%
734 - Heat detector activation due to malfunction	1	.4%
736 - CO detector activation due to malfunction	2	.7%
745 - Alarm system sounded, no fire - unintentional	1	.4%
Total - False Alarm & False Call	9	3.2%
900 - Special type of incident, other	1	.4%
9001 - Dispatch Error	1	.4%
Total - Special Incident Type	2	.7%
Total for Station	89	31.8%
	280	100.0%

58/16

Municipal Response Times Report

For Dates Beginning 10/1/19 Ending 10/31/19

Incident Types selected for analysis: All

For All Priority Types



Time in Minutes	Alarm to Dispatch	Percent Total	Cumulative Responses	Percent	Dispatch to Enroute	Percent Total	Cumulative Responses	Percent	Enroute to Arrival	Percent Total	Cumulative Responses	Percent	Alarm to Arrival	Percent Total	Cumulative Responses	Percent	Dispatch to Arrival	Percent Total	Cumulative Responses	Percent
0 - 1	193	71.48	193	71.48	81	31.15	81	31.15	18	7.17	18	7.17	5	1.95	5	1.95	7	2.72	7	2.72
1 - 2	63	23.33	256	94.81	115	44.23	196	75.38	29	11.55	47.00	18.73	7	2.72	12.00	4.67	9	3.50	16	6.23
2 - 3	9	3.33	265	98.15	47	18.08	243	93.46	50	19.92	97.00	38.65	13	5.06	25.00	9.73	24	9.34	40	15.56
3 - 4	3	1.11	268	99.26	10	3.85	253	97.31	50	19.92	147.00	58.57	31	12.06	56.00	21.79	32	12.45	72	28.02
4 - 5	1	0.37	269	99.63	4	1.54	257	98.85	36	14.34	183.00	72.91	37	14.40	93.00	36.19	60	23.35	132	51.36
5 - 6	0	0.00	269	99.63	1	0.38	258	99.23	24	9.56	207.00	82.47	40	15.56	133.00	51.75	35	13.62	167	64.98
6 - 7	0	0.00	269	99.63	1	0.38	259	99.62	9	3.59	216.00	86.06	37	14.40	170.00	66.15	24	9.34	191	74.32
7 - 8	0	0.00	269	99.63	1	0.38	260	100.00	10	3.98	226.00	90.04	23	8.95	193.00	75.10	19	7.39	210	81.71
8 - 9	0	0.00	269	99.63	0	0.00	260	100.00	5	1.99	231.00	92.03	16	6.23	209.00	81.32	15	5.84	225	87.55
9 - 10	0	0.00	269	99.63	0	0.00	260	100.00	7	2.79	238.00	94.82	19	7.39	228.00	88.72	12	4.67	237	92.22
10 +	1	0.37	270	100.00	0	0.00	260	100.00	13	5.18	251.00	100.00	29	11.28	257.00	100.00	20	7.78	257	100.00

Incident
Total

270

Average Times per Incident

Average PSAP Processing Time 0 minute(s) 47 second(s)
(Alarm to Dispatch)

Percent less than or equal to 60 Seconds 71.48
Percent less than or equal to 90 Seconds 86.67

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

Average Fire Department Turn Out and Travel Time 5 minute(s) 41 second(s)
(Dispatch to Arrive)

Average Municipal Response Time 6 minute(s) 29 second(s)
(Alarm to Arrive)

Percentile Response Times in Accordance with NFPA Standards

PSAP Processing Time less than 60 seconds 71.48%
(Alarm to Dispatch)

Fire Department Turn Out Time less than 60 seconds 31.15%
(Dispatch to Enroute)

Fire Department Travel Time less than 4 minutes 58.57%
(Enroute to Arrive)

7/2/19

Listing of Mutual Aid Responses by Mutual Aid Department



Time Period: 10/1/19 - 10/31/19

Department: Canton Twp FD

Mutual aid received

190002351	10/8/19 6:13:35PM	1	08204	9041 COBBLESTONE CIR
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<i>Subtotal Mutual aid received</i>	<i>1</i>
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Mutual aid given

190002279	10/1/19 1:32:12PM	3	08204	8121 N LILLEY
190002297	10/2/19 8:20:33PM	3	08204	39500 WARREN
190002393	10/14/19 2:00:24PM	3	08204	47811 ORMSKIRK
190002454	10/21/19 4:29:33PM	3	08204	1846 WENTWORTH
190002465	10/23/19 10:08:55AM	3	08204	1600 S CANTON CENTER
190002475	10/24/19 12:37:21PM	3	08204	8121 N LILLEY
190002490	10/26/19 12:58:15PM	3	08204	4400 DENTON
190002496	10/26/19 10:11:12PM	3	08204	7025 N LILLEY
190002513	10/28/19 5:02:08PM	3	08204	S HAGGERTY
190002543	10/31/19 12:33:10PM	3	08204	7025 N LILLEY

<i>Subtotal Mutual aid given</i>	<i>10</i>
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<i>Subtotal Canton Twp FD</i>	<i>11</i>
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Department: City of Northville FD

Mutual aid received

190002351	10/8/19 6:13:35PM	1	08232	9041 COBBLESTONE CIR
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<i>Subtotal Mutual aid received</i>	<i>1</i>
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<i>Subtotal City of Northville FD</i>	<i>1</i>
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Department: Northville Twp FD

Mutual aid received

190002295	10/2/19 3:24:47PM	1	08255	N BECK RD
190002351	10/8/19 6:13:35PM	1	08255	9041 COBBLESTONE CIR
190002432	10/19/19 10:38:27AM	1	08255	48913 WILDWOOD CT
190002545	10/31/19 1:08:54PM	1	08255	14356 GENOA CT

<i>Subtotal Mutual aid received</i>	<i>4</i>
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Mutual aid given

190002283	10/1/19 5:10:30PM	3	08255	15455 HAGGERTY RD
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Time Period: 10/1/19 - 10/31/19

190002448	10/21/19 10:47:45AM	3	08255	16100 HAGGERTY RD
190002450	10/21/19 12:56:40PM	3	08255	19356 NORTHRIDGE DR
<i>Subtotal Mutual aid given</i>			3	
<i>Subtotal Northville Twp FD</i>			7	

Total	17
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Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Service Date: From 10/01/2019 Through 10/31/2019

Total Number of ePCRs: 182

Total Number of Incidents: 179

By Branch

01 Station 1 = 66

02 Station 2 = 52

03 Station 3 = 64

Run Disposition

	#	%		#	%
Treated/Transported	38	20.9%	Dead Prior To Arrival	3	1.6%
Treated / Transferred Care	99	54.4%	Dead After Arrival	2	1.1%
Treated/No Transport (AMA)	28	15.4%	Treat/Transported by Private Veh.	N/A	N/A
Treated / No Transport (Per Protocol)	6	3.3%	Assist	6	3.3%
Transported / Refused Care	N/A	N/A	Other	N/A	N/A
No Transport / Refused Care	N/A	N/A	No Patient Found	N/A	N/A
Cancelled	N/A	N/A			
Left Blank	N/A	N/A			

Run Type

	#	%		#	%
Emergency Runs	182	100.0%	Non-Emergency Runs	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	3	1.6%	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: 0

Runs by Unit

Unit	Total Runs	Treat/ Transp	Treat/ Transfer	Treat/No Transp(AMA)	Treat/No Transp(PP)	Transp/ Ref. Care	Cancelled	Dead Prior Arr	Dead After Arr	T/T Priv Veh	No Trans/ Ref. Care	Assist	Other	No Pat. Found
RES1	63	16	33	9	5	0	0	0	0	0	0	0	0	0
RES2	56	10	30	13	1	0	0	2	0	0	0	0	0	0
RES3	63	12	36	6	0	0	0	1	2	0	0	6	0	0
Total	182	38	99	28	6	0	0	3	2	0	0	6	0	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	9	4.9%	BLS	126	69.2%
ALS	173	95.1%	ALS1	51	28.0%
SCT	N/A	N/A	ALS2	5	2.7%
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

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

been marked on a run)

Type	BLS	%	ALS1	%	ALS2	%	SCT	%Rotary Wing	%Fixed Wing	%	Total	%
None	126	69.2%	51	28.0%	5	2.7%	N/A	N/A	N/A	N/A	182	100.0%

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

Description	#	%
Abdominal Pain	6	3.3%
Allergic Reaction	1	0.5%
Alt. Level Conscious	4	2.2%
Anxiety	6	3.3%
Asthma Symptoms	1	0.5%
Back Pain (No Trauma)	1	0.5%
Behavioral Disorder	3	1.6%
CVA/Stroke	4	2.2%
Cardiac Arrest	5	2.7%
Cardiac Symptoms	5	2.7%
Chest Pain	11	6.0%
Dehydration Symp.	3	1.6%
Depression (acute)	2	1.1%
Dizziness	5	2.7%
Dyspnea-SOB	16	8.8%
Flu Symptoms	2	1.1%
Headache (no trauma)	3	1.6%
Hemorrhage-(severe medical)	1	0.5%
Migraine	1	0.5%
Monitoring Required	3	1.6%
Nausea	2	1.1%
No Medical Problem	6	3.3%
Nose Bleed	1	0.5%
Obvious Death	3	1.6%
Poisoning	1	0.5%
Psychiatric Emerg.	3	1.6%
Seizure	5	2.7%
Sore Throat	1	0.5%
Syncope/Fainting	3	1.6%
Trauma Injury	34	18.7%
Unconscious	1	0.5%
Unknown Medical	5	2.7%
Urination Problem	2	1.1%
Weakness	16	8.8%
Left Blank	16	8.8%
Total	182	100.0%

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Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	4	2.2%
10 Chest Pain [non-traumatic]	16	8.8%
11 Choking	1	0.5%
12 Convulsions/Seizures	4	2.2%
17 Falls	28	15.4%
18 Headache	1	0.5%
19 Heart Problems A.I.D.C	1	0.5%
2 Allergies/Envenomations	1	0.5%
21 Hemorrhage/Lacerations	2	1.1%
23 Overdose/poisoning	3	1.6%
25 Psychiatric/Abnormal behavior/Suicide Attempt	11	6.0%
26 Sick Person	44	24.2%
28 Stroke [CVA]	4	2.2%
29 Traffic/Accidents	11	6.0%
30 Traumatic Injuries	8	4.4%
31 Unconscious/Fainting	8	4.4%
32 Unknown Problem	2	1.1%
33 Non-emergency Transports	2	1.1%
6 Breathing Problems	19	10.4%
7 Burns/Explosion	1	0.5%
77 Not reported	2	1.1%
88 Not applicable	2	1.1%
9 Cardiac or Respiratory Arrest/Death	6	3.3%
99 Unknown	1	0.5%
<i>Left Blank</i>	0	0.0%
<i>Total</i>	182	100.0%

Transport From (Category)

	#	%
--Left Blank--	182	100.0%
<i>Total</i>	182	100.0%

Transport From (Facility)

	#	%
--Left Blank--	182	100.0%
<i>Total</i>	182	100.0%

Transport To (Destination Facility)

	#	%
St Mary Livonia ER	103	56.6%
--Left Blank--	45	24.7%
St Joe Ann Arbor ER	11	6.0%
Providence Park ER- Novi	9	4.9%
UNIVERSITY OF MICHIGAN ER	7	3.8%
C.S. Mott Children's Hospital	3	1.6%
Beaumont Farmington Hills (Botsford)	1	0.5%
Henry Ford West Bloomfield	1	0.5%
VA ANN ARBOR ER	1	0.5%
Beaumont Dearborn	1	0.5%
<i>Total</i>	182	100.0%

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Aging Summary

PLYMOUTH MONTHLY AGING REPORT

Report As Of October 31, 2019

Grouped By Schedule on Call

ID	Description	Calls	Current	31 to 60	61 to 90	91 to 120	121 to 150	151 to 180	Over 180	Total
1APMR	APPEAL - MEDICARE	1	0.00	0.00	300.00	0.00	0.00	0.00	0.00	300.00
1CONS1500	PAPER - CONTRACT	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	698.00
1MRP	PAPER - MEDICARE	3	752.00	0.00	1286.80	0.00	0.00	0.00	0.00	2038.80
APPL	APPEAL PATIENT 30	1	0.00	0.00	0.00	722.00	0.00	0.00	0.00	722.00
BCBS	ELECT BCBS	3	2168.40	0.00	0.00	0.00	0.00	0.00	0.00	2168.40
CAID	ELECT MEDICAID	2	734.00	0.00	0.00	0.00	574.40	0.00	0.00	1308.40
CAIP	PAPER MEDICAID R	1	0.00	0.00	0.00	0.00	0.00	551.60	0.00	551.60
CARE	ELECT - MEDICARE	3	1496.80	842.00	0.00	0.00	0.00	0.00	0.00	2338.80
CAREBL	ELECT MEDICARE P	2	1110.24	0.00	0.00	0.00	0.00	0.00	0.00	1110.24
CRED	MHR REFUND CREDI	1	0.00	0.00	0.00	0.00	0.00	0.00	-722.00	-722.00
FIREINS	FIRE RECOVERY 15	2	0.00	0.00	0.00	0.00	0.00	450.00	0.00	450.00
INSU	PAPER INS PRIMAR	11	948.00	1619.50	1661.20	0.00	608.00	225.00	536.00	5597.70
NEICCAID	ELECT MEDICAID NE	1	0.00	0.00	0.00	736.40	0.00	0.00	0.00	736.40
NOTC	NOTICE PRIVATE HI	2	1553.20	0.00	0.00	0.00	0.00	0.00	0.00	1553.20
PCAR	PAPER MEDICARE	2	746.00	674.00	0.00	0.00	0.00	0.00	0.00	1420.00
PCAR	PAPER BCBS PARTI	1	109.72	0.00	0.00	0.00	0.00	0.00	0.00	109.72
PRV2	PAPER - PRIVATE P	54	14406.98	3738.46	5713.83	514.02	3404.07	0.00	13.41	27790.77
PREVIEW	REVIEW	12	818.00	2166.00	1420.00	1791.28	1408.00	0.00	0.00	7603.28
SINS	PAPER INS SECOND	4	101.84	96.13	0.00	82.46	79.75	0.00	0.00	358.98
TIME	TIME PAY ACCOUNT	2	0.00	0.00	0.00	0.00	0.00	0.00	980.00	980.00
W	MHR HOLD FOR MH	30	0.00	0.00	602.00	426.00	0.00	0.00	8136.00	9164.00
ZIRCAID	ELECT MEDICAID ZI	2	557.60	0.00	0.00	0.00	540.80	0.00	0.00	1098.40
Totals		141	25502.58	9136.09	10983.83	4272.16	6615.02	1226.60	9641.41	67377.69

Charge Summary

LYMOUTH MONTHLY CHARGE REPORT

Summary By Charge Code - Code Description

ID	Description	QTY	QTY %	Charge Count	Charge Count	Charges	Total Charge %
0427	ALS EMERGENCY	29	8.30	29	35.80	18850.00	67.54
0429	BLS EMERGENCY	10	2.86	10	12.35	5000.00	17.91
0425MC	CMS MILEAGE	98.2	28.12	13	16.05	1178.40	4.22
0425	MILEAGE	209	59.85	26	32.10	2508.00	8.99
MVA	MOTOR VEHICLE ACCIDENT	3	0.85	3	3.70	375.00	1.34
Totals For All		349.2		81		27911.40	

Credit Summary

Summary By Credit As - Code Description

PLYMOUTH MONTHLY CREDIT REPORT

ID	Description	Credits	QTY %	Amount	Amount %
2	Adjustment	58	47.93	3536.34	20.16
3	Discount	2	1.65	12.53	0.07
1	Other Payment	39	32.23	8555.20	48.77
4	Other Refund	1	0.83	-179.79	-1.02
6	Patient Payment	15	12.40	4206.92	23.98
7	Patient Refund	1	0.83	-746.00	-4.25
5	Write Off	5	4.13	2158.17	12.30
Totals For All		121		17543.37	

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Incident Summary by Incident Type

For Dates: 10/1/19 - 10/31/19



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
No Shift Entered				
Station: ST3				
Rescue & Emergency Medical Service Incidents	1	00:09:35	\$ 0.00	\$ 0.00
Total for Station: ST3	1	00:09:35	\$ 0.00	\$ 0.00
<hr/>				
Total for No Shift Entered	1.00	00:09:35	\$ 0.00	\$ 0.00
Shift: A				
Station: ST1				
Fires	2	00:05:59	\$ 100.00	\$ 5,000.00
Overpressure Rupture, Explosion, Overheat - no fire	1	00:04:32	\$ 0.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	31	00:06:14	\$ 0.00	\$ 0.00
Service Calls	2	00:10:00	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:04:56	\$ 0.00	\$ 0.00
Special Incident Types	1	00:01:47	\$ 0.00	\$ 0.00
Total for Station: ST1	40	00:05:55	\$ 100.00	\$ 5,000.00
Station: ST2				
Fires	1	00:06:16	\$ 6,000.00	\$ 0.00
Rescue & Emergency Medical Service Incidents	30	00:05:37	\$ 0.00	\$ 0.00
Service Calls	1	00:00:15	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: ST2	33	00:05:18	\$ 6,000.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	23	00:06:51	\$ 0.00	\$ 0.00
Service Calls	1	00:08:47	\$ 0.00	\$ 0.00
Good Intent Calls	4	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	5	00:04:28	\$ 0.00	\$ 0.00
Special Incident Types	1	00:09:58	\$ 0.00	\$ 0.00
Total for Station: ST3	34	00:05:50	\$ 0.00	\$ 0.00
<hr/>				
Total for Shift: A	107.00	00:05:42	\$ 6,100.00	\$ 5,000.00
Shift: B				
Station: MA				
Rescue & Emergency Medical Service Incidents	1	00:13:37	\$ 0.00	\$ 0.00
Service Calls	1	00:09:06	\$ 0.00	\$ 0.00
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: MA	3	00:07:35	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	29	00:06:44	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:07:10	\$ 0.00	\$ 0.00
Service Calls	3	00:05:26	\$ 0.00	\$ 0.00

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Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Good Intent Calls	3	00:00:01	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:04:26	\$ 0.00	\$ 0.00
Total for Station: ST1	39	00:05:57	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	14	00:05:43	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:03:02	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:02:04	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:09:31	\$ 0.00	\$ 0.00
Total for Station: ST2	20	00:05:25	\$ 0.00	\$ 0.00
Station: ST3				
Fires	2	00:06:42	\$ 1,000.00	\$ 750,000.00
Rescue & Emergency Medical Service Incidents	15	00:08:48	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:07:24	\$ 0.00	\$ 0.00
Good Intent Calls	5	00:04:31	\$ 0.00	\$ 0.00
False Alarm & False Calls	4	00:08:20	\$ 0.00	\$ 0.00
Total for Station: ST3	27	00:07:44	\$ 1,000.00	\$ 750,000.00
Total for Shift: B	89.00	00:06:26	\$ 1,000.00	\$ 750,000.00
Shift: C				
Station: ST1				
Fires	1	00:03:01	\$ 25,000.00	\$ 314,360.00
Rescue & Emergency Medical Service Incidents	21	00:06:06	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:05:11	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:12:54	\$ 0.00	\$ 0.00
Total for Station: ST1	27	00:06:00	\$ 25,000.00	\$ 314,360.00
Station: ST2				
Fires	1	00:06:39	\$ 3,550.00	\$ 685,800.00
Rescue & Emergency Medical Service Incidents	22	00:06:18	\$ 0.00	\$ 0.00
Service Calls	2	00:03:23	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:06:15	\$ 0.00	\$ 0.00
Special Incident Types	1	00:01:00	\$ 0.00	\$ 0.00
Total for Station: ST2	29	00:05:55	\$ 3,550.00	\$ 685,800.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	22	00:06:01	\$ 0.00	\$ 0.00
Good Intent Calls	4	00:03:12	\$ 0.00	\$ 0.00
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00
Total for Station: ST3	27	00:05:23	\$ 0.00	\$ 0.00
Total for Shift: C	83.00	00:05:46	\$ 28,550.00	\$ 1,000,160.00
Total	280.00	00:05:58	\$ 35,650.00	\$ 1,755,160.00

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Inspection Volume

11/6/2019 8:15:20 AM

Filters:

- Inspection Source: -all-
- Start Date: 10/1/2019 12:00:00 AM
- End Date: 10/31/2019 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}	4		1,200
Semi-Annual (twice a year) ^{FS}	9		1,200
2-Year ^{FS}	2		0
3-Year ^{FS}	7		36,000
Final - Occupancy ^{FS}	4		0
Fire Alarm Test ^{FS}	7		109,000
Freedom of Information ^{FS}	3		11,700
Plan Review ^{FS}	6		7,000
Re-inspect ^{FS}	4		1,400
Annual (2)			
2-Year (1)			
3-Year (1)			
Total 4 ³			
Reoccupancy ^{FS}	2		0
Site Plan ^{FS}	1		0
Special Event ^{FS}	1		200,000
Suppression System ^{FS}	3		90,000
Total	53	10	457,500

Totals

	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
Annual ^{FS}	4				1,200
Semi-Annual (twice a year) ^{FS}	9				1,200
2-Year ^{FS}	2				0
3-Year ^{FS}	7				36,000
Final - Occupancy ^{FS}	4				0
Fire Alarm Test ^{FS}	7				109,000
Freedom of Information ^{FS}	3				11,700
Plan Review ^{FS}	6				7,000
Re-inspect ^{FS}	4				1,400
Reoccupancy ^{FS}	2				0
Site Plan ^{FS}	1				0
Special Event ^{FS}	1				200,000
Suppression System ^{FS}	3				90,000
Total⁵	53	10	0	10	457,500

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.

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Plymouth Twp. Police

October 2019



PART-ONE CRIMES



January 1, 2019 through December 31, 2019

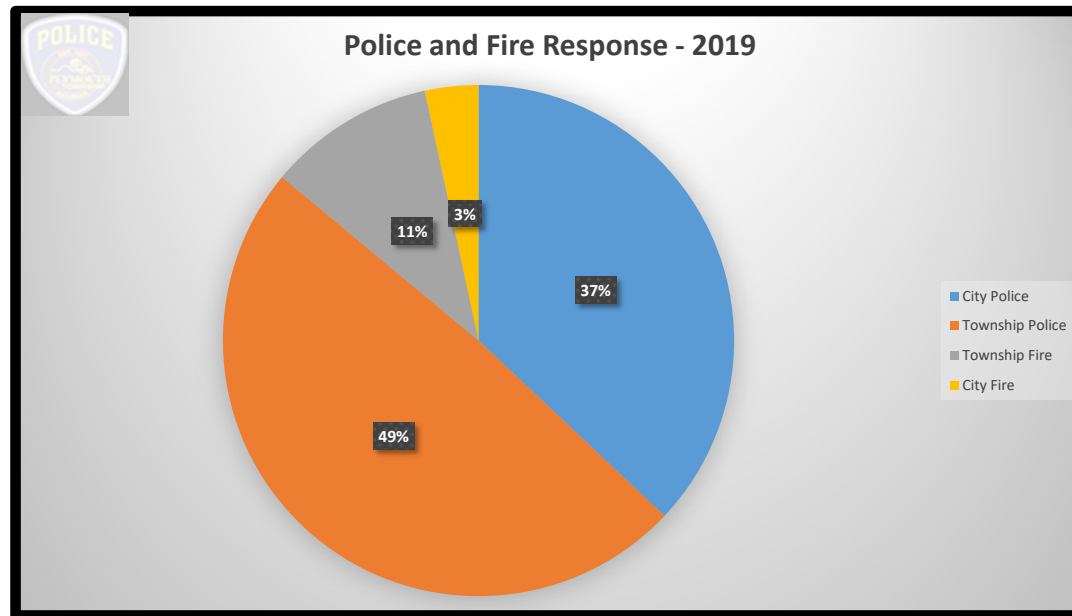
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Murder	0	0	0	0	0	0	0	0	0	0			0
CSC	0	0	0	1	0	0	1	0	1	2			5
Robbery	0	0	0	0	0	0	0	0	0	0			0
Aggravated Assault	0	3	1	1	1	0	1	1	1	1			10
Burglary	2	1	0	2	0	1	5	6	3	1			21
Larceny	18	9	16	8	11	9	9	8	12	3			103
Auto Theft	1	2	3	1	0	1	1	1	2	2			14
Arson	0	0	0	0	0	0	1	0	0	0			1
Retail Fraud	1	2	0	1	0	0	0	1	2	1			8
Total	22	17	20	14	12	11	18	17	21	10	0	0	162
CALLS FOR SERVICE													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Part A Crimes	39	38	53	38	35	39	44	29	47	32			394
All Other Crimes	101	90	86	91	97	89	88	72	97	99			910
Total	140	128	139	129	132	128	132	101	144	131	0	0	1,304

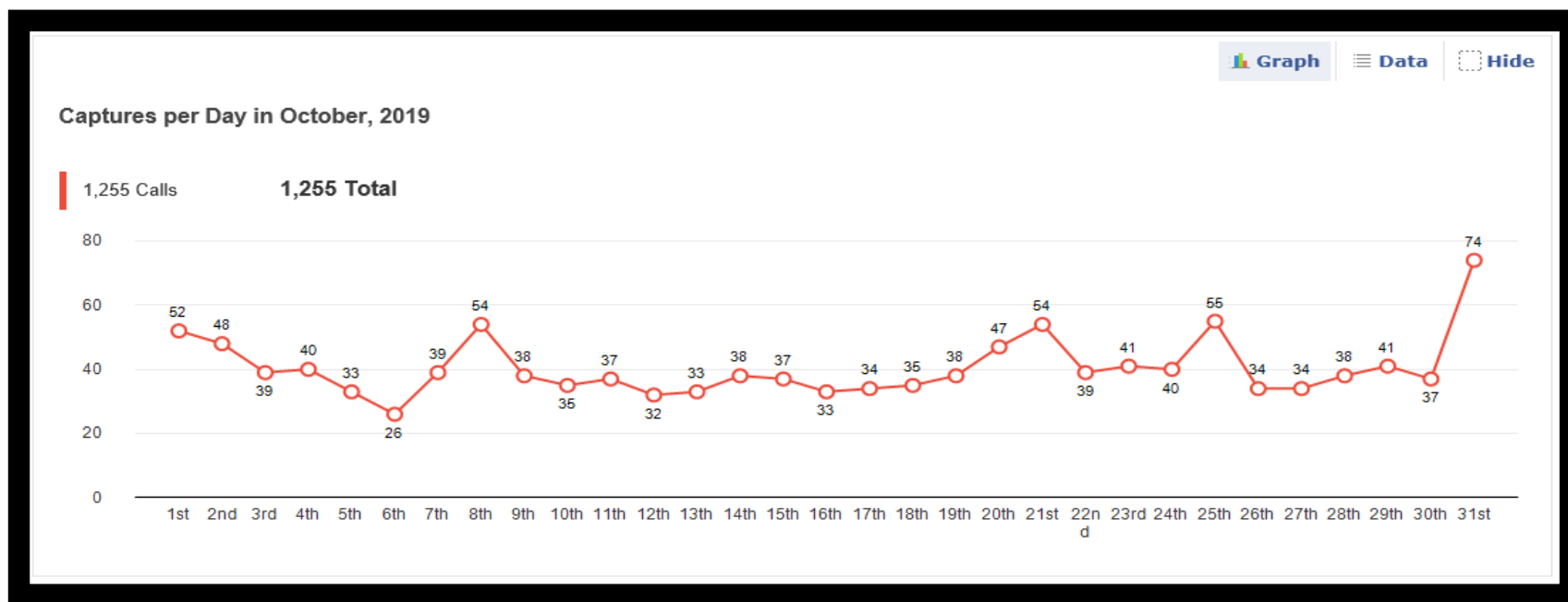
January 1, 2018 through December 31, 2018

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	0	0
CSC	1	1	0	0	1	0	1	0	4	1	1	0	10
Robbery	0	0	1	0	1	0	0	0	0	0	0	0	2
Aggravated Assault	0	0	3	0	1	0	1	2	2	3	2	0	14
Burglary	1	0	1	0	1	5	2	1	1	2	1	3	18
Larceny	7	5	1	9	22	13	14	14	9	15	9	6	124
Auto Theft	1	1	0	1	0	3	0	2	0	3	1	2	14
Arson	0	0	0	0	0	0	0	0	0	0	0	0	0
Retail Fraud	1	0	2	0	1	0	2	1	1	0	3	2	13
Total	11	7	8	10	27	21	20	20	17	24	17	13	195
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	38	39	526
All Other Crimes	97	78	99	45	105	108	95	117	111	88	98	95	1136
Total	144	118	134	78	158	158	143	165	153	141	136	134	1,662

POLICE AND FIRE RESPONSE													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
City Police	1,017	936	708	918	1,033	1,085	946	767	809	823	0	0	9,042
Township Police	1,255	1,025	1,410	1,085	1,244	1,190	1,209	1,158	1,188	1,206	0	0	11,970
Township Fire	282	240	234	243	239	263	287	267	248	280	0	0	2,583
City Fire	108	86	73	84	81	86	81	56	73	95	0	0	823
Total	2,662	2,287	2,425	2,330	2,597	2,624	2,523	2,248	2,318	2,404	0	0	24,418

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	1,370	1,335	16,473
Township Police	1,248	976	1,218	1,107	1,333	1,331	1,285	1,346	1,245	1,179	1,149	1,163	14,580
Township Fire	273	232	262	227	249	2,240	269	239	275	271	220	233	2,974
City Fire	77	81	78	74	86	70	98	80	87	89	69	82	971
Total	3,098	2,520	2,966	2,634	3,151	4,991	3,053	2,986	3,007	2,987	2,808	2,813	34,998

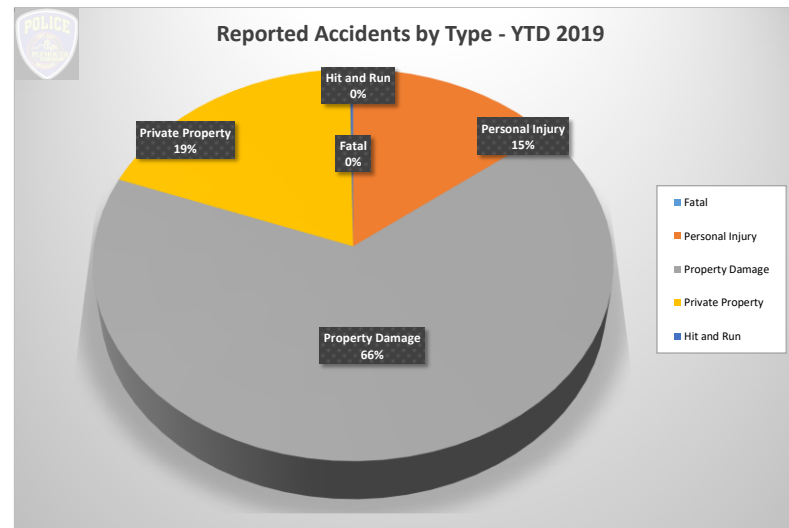
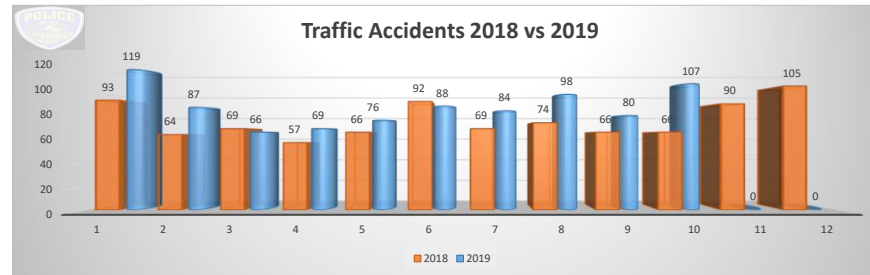




2018 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,177	1,028	1,124	1,169	1,243	1,329	1,400	1,284					
# of Non-Emergency Calls	2,696	2,571	2,637	2,487	2,816	2,705	2,883	2,692	2,576	2,576	2,296	2,467	
Total	3,873	3,599	3,761	3,656	4,059	4,034	4,283	3,976	2,576	2,576	2,296	2,467	0

2019 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,266	1,121	1,365	1,134	1,207	1,349	1,405	1,273	1,226	1,255	0	0	12,601
# of Non-Emergency Calls	2,602	2,381	2,319	2,262	2,852	2,732	2,743	2,309	2,340	0	0	0	22,540
Total	3,868	3,502	3,684	3,396	4,059	4,081	4,148	3,582	3,566	1,255	0	0	35,141

TRAFFIC ACCIDENT SUMMARY													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	14	5	10	11	13	14	14	16	17	12	0	0	126
Property Damage	92	63	47	41	47	59	49	57	49	76	0	0	580
Private Property	13	19	9	17	16	13	21	25	14	19	0	0	166
Hit and Run	0	0	0	0	0	2	0	0	0	0	0	0	2
Total	119	87	66	69	76	88	84	98	80	107	0	0	874
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
Fatal	0	0	0	0	0	0	0	0	0	0	0	0	0
Personal Injury	12	9	7	13	3	8	14	7	9	9	15	14	120
Property Damage	68	44	49	34	47	61	40	47	49	43	63	85	630
Private Property	13	11	13	10	16	22	15	20	8	14	12	6	160
Hit and Run	0	0	0	0	0	1	0	0	0	0	0	0	1
Total	93	64	69	57	66	92	69	74	66	66	90	105	911



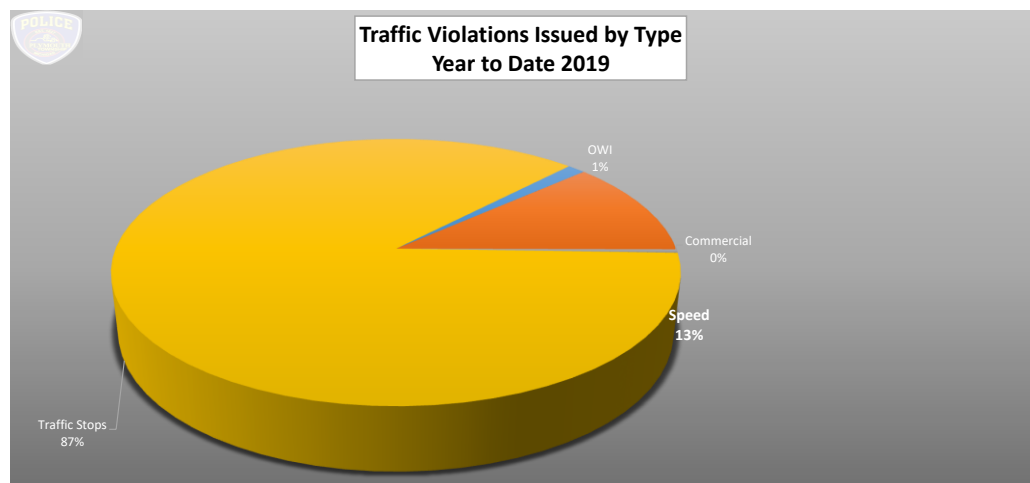
TRAFFIC VIOLATION SUMMARY

January 1, 2019 through December 31, 2019														
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL	
OWI	5	1	10	7	7	2	2	9	6	11	0	0	60	
Speed	41	40	53	77	79	50	74	49	52	66	0	0	581	
Commercial	8	0	1	0	2	1	0	4	2	3	0	0	21	
Traffic Stops	509	384	474	455	454	404	429	405	397	411	0	0	4,322	

Number of Arrests														
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL	
Felony	14	5	9	3	4	10	10	14	13	12	0	0	94	
Misdemeanor	65	42	64	54	48	48	59	47	74	81	0	0	582	
Citations	262	192	237	221	230	193	194	222	206	248	0	0	2,205	
Total	341	239	310	278	282	251	263	283	293	341	0	0	2,881	

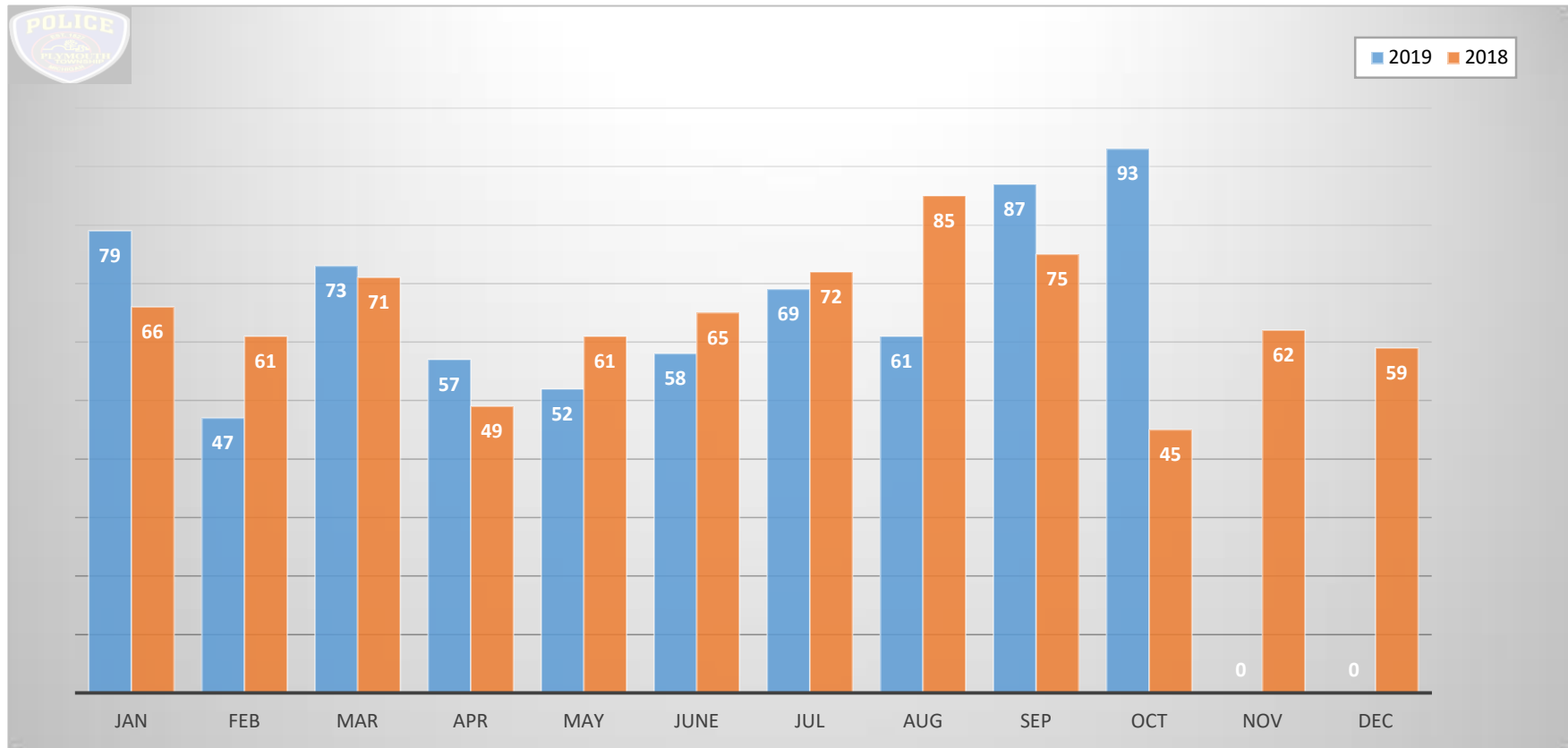
January 1, 2018 through December 31, 2018														
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL	
OWI	4	5	3	1	4	2	4	7	3	2	7	4	46	
Speed	31	18	40	45	83	114	82	102	75	91	49	66	796	
Commercial	3	1	0	0	5	5	14	0	6	1	3	5	43	
Traffic Stops	430	276	432	392	521	578	529	622	550	474	482	467	5,753	

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	11	12	104	
Misdemeanor	57	53	64	44	54	54	62	73	70	38	51	47	667	
Citations	230	139	236	192	248	317	241	283	277	213	233	258	2,867	
Total	296	200	307	241	309	382	313	368	352	258	295	317	3,638	



NUMBER OF ARRESTS

Year	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
2019	79	47	73	57	52	58	69	61	87	93	0	0	676
2018	66	61	71	49	61	65	72	85	75	45	62	59	771




MCKENNA

Memorandum

TO: Board of Trustees; and
Planning Commission;
Charter Township of Plymouth, Michigan

FROM: Laura E. Haw, AICP, NCI, Senior Principal Planner
Natalie Bond, Assistant Planner

SUBJECT: Planning and Zoning Services Monthly Report – October, 2019

DATE: November 4, 2019

PLANNING AND ZONING

McKenna provides day-to-day assistance to the Township, applicants, and public regarding zoning, planning and economic development matters, including on-site office hours every morning and on an as-needed basis. The following is McKenna's monthly report to the Township:

Zoning and Planning 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 Activity	
PROJECT	CURRENT STATUS (updates for the month are shown in <u>underlined text</u>)
#2138 <i>Andover Forest CHO</i>	Final Stamp in progress, pending Township receipt of recorded legal documents.
#2262-0817 39411 Schoolcraft Rd.	<u>Applicant was not granted a seasonal extension, and was asked to return to the November 20, 2019 meeting with descriptions of heated canopy to be installed, further parking configuration, and hydrant relocation details.</u>
#2271 <i>Quick Pass Car Wash</i>	Review pending with engineering.
#2296 <i>Verona Park CHO</i>	Applicant submitted for Final Stamp, awaiting final legal documents.
#2303 41100 Plymouth Rd. <i>Burroughs</i>	Administrative site plan (major) improvements for lighting, landscaping and pedestrian safety. Phase 1 (lighting, landscaping and sidewalk with parking lot improvements) approved. Revised plans for Phase 2 site work submitted; review conducted; awaiting revised plans for Township review and all outside agency approvals.

HEADQUARTERS
235 East Main Street
Suite 105
Northville, Michigan 48167

○ 248.596.0920
F 248.596.0930
MCKA.COM

Communities for real life.



Planning and Zoning Activity

PROJECT	CURRENT STATUS (updates for the month are shown in <u>underlined text</u>)
#2306 41661 Plymouth Rd. <i>Hillside Residences</i>	On November 14, 2018 the Planning Commission granted tentative site plan for 88 residential units and a revised development plan was recommended to the Board of Trustees on January 16, 2019. Pending Township Attorney review, Wayne County permits, and engineering review and all outstanding items and conditions of approval must be addressed, prior to further consideration.
#2312 <i>Ponds at Andover</i>	Application for seven (7) single-family detached units on 11 acres submitted to the Township. <u>A meeting with the applicant's team was held on October 18; revisions to the site plan requested prior to tentative site plan (CHO) consideration by the Planning Commission at a future date.</u>
#2313 <i>Ridge 5 Corporate Park</i>	Final site plan was approved at the June 19, 2019 Planning Commission meeting. <u>Final Stamp process pending; engineering approval outstanding.</u>
#2314 15100 Fogg St.	Tentative site plan approval for new industrial building granted by the Planning Commission on December 12, 2018. <u>A one year extension request was submitted and will be considered by the Planning Commission at their November 2019 meeting.</u>
#2317 <i>Powell Rd. CHO</i>	Cluster Housing Option (CHO) request for parcel #: R-78-046-99-0002-72. Public hearing held at the January 16, 2019 Planning Commission meeting; the Commission postponed the agenda item for up to 12 months. Applicant to submit revised plans by December, 2019 or the file will be closed.
#2320 <i>Innotech Business Park</i>	Final site plan approval, with conditions, granted by the Planning Commission for the Innotech Business Park on April 17, 2019 for infrastructure and utilities only. Applicant to submit for Final Stamp, pending all engineering permits and approvals.
#2325 40880 Ann Arbor Rd. <i>Burger King Remodel</i>	Tentative site plan approval, with conditions, granted by the Planning Commission at their March 20, 2019 meeting; applicant to submit for final site plan consideration.
#2332 <i>Boleski Funeral Home</i>	Applicant withdrawn from the April 17, 2019 Planning Commission agenda. Applicant to re-submit additional plans at a future date.
#2338 <i>Phoenix Mill Brownfield</i>	<u>File closed.</u>
#2340 43939 Plymouth Oaks Blvd.	<u>Pending final stamp review after engineering approved.</u>
#2342 <i>General Drive Plymouth Storage</i>	<u>Special Land Use Approval granted with conditions including: the applicant to keep the number of cars on site to 8-10 per day, no outdoor storage of vehicles, and the use of decorative fencing along public access areas.</u>
#2343 <i>Burger King Remodel</i>	Final site plan approval, with conditions, granted by the Planning Commission on October 16, 2019 for remodeling at Burger King. <u>Applicant to submit for Final Stamp, pending all engineering permits and approvals.</u>
#2344 <i>Corpore Sano Building Addition</i>	<u>Final stamp issued, file closed.</u>
#2347 45000 Helm St.	<u>Land division request for one resulting lot made; the future lot would be used to house a new industrial building.</u>



FINANCIAL ACTIVITY

The following table details payments received by applicants as determined by the adopted Fee Schedule:

Planning and Zoning Fees Received	Current	2019 YTD
Applications <i>(October only)</i>	\$6,287.00	\$68,545.80
#2329-0319: Landscape Inspection and Report	\$730.00	-
#2335-0519: Landscape Inspection and Report	\$730.00	-
#2347-1019: Land Division #1	\$1,390.00	-
#2348-1019: Administrative (major) Site Plan, #1	\$3,437.00	-

RECOMMENDATIONS AND NEXT MONTH OUTLOOK

- Attendance at the MDOT Road Improvement meeting on October 15, 2019 re: the I-127 and Ann Arbor Road DDA Interchange.
- Township initiated rezoning of the Shearer Cemetery to the Public Lands district; a public hearing is scheduled for a future Planning Commission meeting. Text amendment consideration for municipal cemeteries to be designated as a permitted land use in the Public Land zoning district.
- Creation of a long-range plan for the planting of 151 trees in Township public land, (the trees are a result of the Webasto site plan “payment in-lieu” approval) is underway.
- Plymouth Township was awarded a \$100,000 MEDC Site Readiness Site Improvement Grant for MITC, in partnership with Gary Roberts, Jennifer Frey and David Schreiber. All parties continue to work together to administer and implement the grant.
- Review of parking standards, Article 24 of the Zoning Ordinance, is currently in process.

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: 11/01/2019 8:00 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
10/1/2019	Minute Man Services, Inc	Leah Duross	EMS Report	
10/9/2019	Partner Engineering and Science, Inc.	Steve Cooper	Building Fire Report Zoning	
10/11/2019	August Mack Environmental	Leah Simon	Environmental	
10/16/2019	Applied Environmental	Mr. Michael Schroeder	Assessing Records Building Environmental Fire Report	
10/23/2019		Catrina Saylor	Police Records Resolutions	
10/31/2019	Zillow	John McKenna	Assessing Records	
Total Requests: 6				Total Dollars: 0


PD FOIA Monthly Report

Run Date: 11/01/2019 8:00 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
10/2/2019		Giuseppe Ianni	Police Records	0.00
10/4/2019		Mrs. Carla Wester	Police Records	0.00
10/4/2019		Mike Morse	Police Records	0.00
10/4/2019		Jessica Moore	Police Records	0.00
10/7/2019		Lisa Austin	Police Records	2.90
10/7/2019		Fox Hills Chrysler Jeep	Police Records	0.00
10/8/2019		Zhang Linyow	Police Records	0.00
10/10/2019		Francesca Recchia	Police Records	0.00
10/11/2019	Oak Haven	Cara Czarnota	Police Records	0.00
10/14/2019		Kathleen Varilone	Police Records	0.00
10/16/2019	Nemeth Law	Nemeth Law	Police Records	0.00
10/16/2019	LexisNexis	LexisNexis	Police Records	0.00
10/16/2019	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Police Records	0.00
10/17/2019		Mr Scott Shinn	Police Records	12.98
10/17/2019		Robert Ehrman	Police Records	0.00
10/21/2019		Mr Scott Shinn	Police Records	0.00
10/23/2019	Maze Legal	William Maze	Police Records	30.13
10/23/2019		Catrina Saylor	Police Records Resolutions	
10/24/2019	Friedman Law Firm	Ms. Alda Gojcaj	Police Records	0.00
10/25/2019	Jaffe Defense Team	Brent Jaffe	Police Records	0.00
10/28/2019		Casey Zurawski	Police Records	7.65
10/29/2019	Permanent General Assurance Corp	Jacob Williams	Police Records	14.73
10/29/2019	Crestwood Condos	Patrick MacDonald	Police Records	0.00
10/29/2019	Attorney Generals Office	Matthew Silver	Police Records	0.00
10/29/2019		Sam Bernstein	Police Records	0.00
10/30/2019		Jerilynn Stam	Police Records	
Total Requests: 26				Total Dollars: 68.39

2019

AARON, PETE AND OTHER CREW MEMBERS.
Bigger BUKIS



AARON AND PETE,

Thank you so much for taking care of my husband last week. Your swift action, gentle caring ways & great knowledge went a long way towards a good outcome for him after your arrival at St. Mary's.

First Responders are always reliable and dependable no matter what they find when they answer the call, and we should always be grateful for that, I know my family & I are.
Keep safe,

THE DICKIE FAMILY with gratitude...

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

CONSENT AGENDA

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

BOARD DATE

11/12/2019

FUND NAME	FUND NUMBER	PAYROLL & INVOICES PAID		
		TOTAL INC PAYROLL	PRIOR TO MEETING	INVOICES PAID AFTER BOARD REVIEW
GENERAL FUND	101	1,005,197.11	848,741.51	156,455.60
SWD	226	109,858.87	109,390.25	468.62
IMPROV. REV.	246	-	-	
DRUG FORFEITURE	265	1,100.00	-	1,100.00
DRUG FORFEITURE	266	-	-	
DRUG FORFEITURE	267	472.05	-	472.05
GOLF COURSE FUND	510	134.00	134.00	
SENIOR TRANSPORTATION	588	5,579.52	5,568.44	11.08
WATER & SEWER	592	619,375.83	180,464.29	438,911.54
TRUST& AGENCY	701	136,421.03	124,367.27	12,053.76
POLICE BOND FUND	702	28,014.00	28,014.00	
TAX POOL	703	383,252.64	383,252.64	
SPECIAL ASSESS CAPITAL	805	5,739.27	2,457.77	3,281.50
	TOTAL	<u>2,295,144.32</u>	<u>1,682,390.17</u>	<u>612,754.15</u>

GRAND TOTAL

2,295,144.32

Charter Township of Plymouth

AP Invoice Listing - Board Report

Board Run Page: 11/12/19

VENDOR INFORMATION

INVOICE INFORMATION

Miller, Glenn			Invoice Amount:	\$20.00
Reimbursement for Notary of Public Fees			Check Date:	11/12/2019
	101-305-727.000	County & State Fees		20.00
Miller, Glenn			Invoice Amount:	\$10.15
Reimbursement for Meal at Training			Check Date:	11/12/2019
	101-305-960.000	Lunch - MSP Training		10.15
ADVANCED DISPOSAL			Invoice Amount:	\$125.00
TWP PARK FACILITY - YD WASTE FEES_OCT 201			Check Date:	11/12/2019
	101-691-931.000	TWP PARK YARD WASTE		125.00
A.S.C., INC			Invoice Amount:	\$105.00
Alarm monitoring Sta#1 Oct 1st - Dec 31			Check Date:	11/12/2019
	101-336-776.000	Alarm monitoring Sta#1 Oct1-Dec31, 2019		105.00
A.S.C., INC			Invoice Amount:	\$156.00
Inv. 47170 10/22/19 Cable Unplugged at the inne			Check Date:	11/12/2019
	101-305-851.000	Security Service Labor		156.00
Allied 100, LLC.			Invoice Amount:	\$356.92
accessories for Lifepak 500			Check Date:	11/12/2019
	101-336-978.000	Battery, Electrodes & Accessories for LP		356.92
ALLIE BROTHERS UNIFORMS			Invoice Amount:	\$160.97
Inv. 77281 9/28/19 Uniform Equip/Lt. Kudra			Check Date:	11/12/2019
	101-305-758.000	Uniform S/S shirt		95.98
	101-305-758.000	Uniform Pants		64.99
ALLIE BROTHERS UNIFORMS			Invoice Amount:	\$449.91
Inv. 77332 9/30/19 Uniform Equip/Officer McLean			Check Date:	11/12/2019
	101-305-758.000	Uniform Hat		59.99
	101-305-758.000	Uniform Pants		179.97
	101-305-758.000	Uniform Boots		209.95
ALLIE BROTHERS UNIFORMS			Invoice Amount:	\$876.87
Inv. 77252 9/27/19 Uniform Equip/Coffell (New S			Check Date:	11/12/2019
	101-305-758.000	Uniform Sgt. Chevrons (set)		24.00
	101-305-758.000	Uniform Name Tag/Plate		29.98
	101-305-758.000	Uniform Collar Brass		24.00
	101-305-758.000	Uniform Hat Badge		159.98
	101-305-758.000	Uniform Pants		194.97
	101-305-758.000	Uniform Side/Sap Pocket		90.00
	101-305-758.000	Uniform S/S Shirt		149.97
	101-305-758.000	Uniform Sgt. Chevrons		48.00
	101-305-758.000	Uniform L/S Shirt		155.97
ALLIE BROTHERS UNIFORMS			Invoice Amount:	\$127.98
Inv. 77291 9/30/19 Uniform Equip/PSA K. Clark			Check Date:	11/12/2019
	101-325-758.000	Uniform Polo Shirt		42.99
	101-325-758.000	Uniform Pants		54.99
	101-325-758.000	Uniform Embroidery		30.00
ALLIE BROTHERS UNIFORMS			Invoice Amount:	\$74.99
Inv. 77366 10/5/19 Uniform Equip/PSA Bosworth			Check Date:	11/12/2019
	101-325-758.000	Uniform Pants - Khaki		74.99

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

ALPHAGRAPHICS #336			Invoice Amount:	\$84.00
BUS CARDS - CORRECTIONS			Check Date:	11/12/2019
	101-371-727.000	INVOICE 125357 DAN ATKINS		84.00
ALPHAGRAPHICS #336			Invoice Amount:	\$163.00
BUS CARDS			Check Date:	11/12/2019
	101-371-727.000	INVOICE 125307 DAN ADKINS AND KEN MACD		163.00
ALPHAGRAPHICS #336			Invoice Amount:	\$129.00
General Police Dept. Business Cards			Check Date:	11/12/2019
	101-305-727.000	General two-sided business cards		129.00
APOLLO FIRE APPARATUS REPAIR			Invoice Amount:	\$494.54
pistol grip for hose			Check Date:	11/12/2019
	101-336-978.001	pistol grip		494.54
APOLLO FIRE APPARATUS REPAIR			Invoice Amount:	\$(260.00)
CREDIT - RETURN OF ALPHA X GLOVES			Check Date:	11/12/2019
	101-336-758.100	TURN OUT GEAR		(260.00)
Cereal City Auto Parts (NAPA)			Invoice Amount:	\$33.48
FOR WINTERIZING TOWNSHIP FACILITIES 10/21			Check Date:	11/12/2019
	592-291-851.000	STAR BRITE RV ANTI FREEZE		33.48
Cereal City Auto Parts (NAPA)			Invoice Amount:	\$118.08
FOR WINTERIZING TOWNSHIP FACILITIES 10/16			Check Date:	11/12/2019
	592-291-863.000	MARINE ANTI FREEZE		58.20
	592-291-863.000	PRESTONE WIND DE-ICE		59.88
B & R JANITORIAL SUPPLY			Invoice Amount:	\$1,514.54
OCTOBER JANITORIAL SUPPLY			Check Date:	11/12/2019
	101-265-776.000	INVOICE 187683		682.00
	101-265-858.000	INVOICE 187683		45.00
	101-305-776.000	INVOICE 187683		379.00
	101-325-727.000	INVOICE 187683		151.00
	101-336-776.000	INVOICE 187683		30.00
	592-172-776.000	INVOICE 187683		227.54
B & R JANITORIAL SUPPLY			Invoice Amount:	\$362.96
JANITORIAL SUPPLY			Check Date:	11/12/2019
	101-265-776.000	INVOICE 187683-1		163.00
	101-265-858.000	INVOICE 187683-1		11.00
	101-305-776.000	INVOICE 187683-1		91.00
	101-325-727.000	INVOICE 187683-1		36.00
	101-336-776.000	INVOICE 187683-1		7.00
	592-172-776.000	INVOICE 187683-1		54.96
B & R JANITORIAL SUPPLY			Invoice Amount:	\$267.75
AUGUST JANITORIAL SUPPLY			Check Date:	11/12/2019
	101-265-776.000	INVOICE 187079		120.00
	101-265-858.000	INVOICE 187079		8.00
	101-305-776.000	INVOICE 187079		67.00
	101-325-727.000	INVOICE 187079		27.00
	101-336-776.000	INVOICE 187079		5.00
	592-172-776.000	INVOICE 187079		40.75

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

B & R JANITORIAL SUPPLY		Invoice Amount:		\$394.34
janitorial supplies		Check Date:		11/12/2019
	101-336-776.000	ANGEL SOFT BATH TISSUE	GPC1688	276.09
	101-336-776.000	C-FOLD TWL WHT2400	21001100CASE	35.13
	101-336-776.000	ARO-SAN HAND SANITIZER 1000ML	BAG IN B	83.12
B & R JANITORIAL SUPPLY		Invoice Amount:		\$100.78
janitorial supplies		Check Date:		11/12/2019
	101-336-776.000	OXIVIR TB DISINFECTANT WIPES	DVO5388	100.78
B S & A SOFTWARE		Invoice Amount:		\$20,380.00
Annual Service support fees 11/1/19 -- 11/1/20 -		Check Date:		11/12/2019
	101-100-123.000	11/1/2019-11/1/2020 - All others		16,161.00
	592-100-123.000	11/1/2019-11/1/2020 (Utility Billing)		4,219.00
BADER & SONS CO.		Invoice Amount:		\$22.99
Inv. # 22277 - Snow plow blade guide kit-- (Bob		Check Date:		11/12/2019
	101-691-863.000	Show plow blade guide kit		22.99
BATTERY SOLUTIONS, LLC.		Invoice Amount:		\$109.95
Battery Recycle		Check Date:		11/12/2019
	226-226-810.000	iRecycle - Filled Pail #A457548_10/23/19		109.95
BATTERY SOLUTIONS, LLC.		Invoice Amount:		\$109.95
Battery Recycle		Check Date:		11/12/2019
	226-226-810.000	iRecycle - Filled Pail #A449402_10/03/19		109.95
BELFOR PROPERTY RESTORATION		Invoice Amount:		\$666.33
Mitigation Services Sta@3		Check Date:		11/12/2019
	101-336-776.000	Mitigation Services Sta#3		666.33
BLACKWELL FORD INC.		Invoice Amount:		\$317.21
FORD CROWN VIC 07 REPAIR		Check Date:		11/12/2019
	101-371-863.000	INVOICE 356223		317.21
BLACKWELL FORD INC.		Invoice Amount:		\$443.30
BREAKS FOR 2011 FORD ESCAPE		Check Date:		11/12/2019
	101-371-863.000	INVOICE 354049		443.30
BLACKWELL FORD INC.		Invoice Amount:		\$95.00
REPAIR GLASS FORD EXPLORER		Check Date:		11/12/2019
	101-371-863.000	INVOICE 354229		95.00
BLACKWELL FORD INC.		Invoice Amount:		\$51.51
INVOICE 355378 FORD EXPLORER OIL CHANGE		Check Date:		11/12/2019
	101-371-863.000	INVOICE 355378		51.51
BLACKWELL FORD INC.		Invoice Amount:		\$506.74
Inv. 355874 10/21/19 - Vehicle Repair/128076		Check Date:		11/12/2019
	101-305-863.000	Oil Chg/Air Filter/Replace Front Brakes		506.74
BLACKWELL FORD INC.		Invoice Amount:		\$182.62
Inv. 356432 10/31/19 - Vehicle Repair/B68428		Check Date:		11/12/2019
	101-305-863.000	Replace #1 Coil and Spark Plug		182.62
BLACKWELL FORD INC.		Invoice Amount:		\$781.20
Inv. 354008 9/30/19 - Vehicle Repair/B32115		Check Date:		11/12/2019

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	101-305-863.000	Repair Exhaust Leak/Replace spark plugs	781.20
BLACKWELL FORD INC.		Invoice Amount:	\$208.92
Inv. 355548 10/17/19 - Vehicle Repair/B68428		Check Date:	11/12/2019
	101-305-863.000	Replace Gateway Module/Oil Change	208.92
BLACKWELL FORD INC.		Invoice Amount:	\$51.51
Inv. 355786 10/18/19 - Vehicle Repair/108166		Check Date:	11/12/2019
	101-305-863.000	Oil Change	51.51
BLACKWELL FORD INC.		Invoice Amount:	\$51.51
Inv. 355851 10/21/19 - Vehicle Repair/C07494		Check Date:	11/12/2019
	101-305-863.000	Oil Change	51.51
BLACKWELL FORD INC.		Invoice Amount:	\$656.54
Inv. 355727 10/21/19 - Vehicle Repair/106809		Check Date:	11/12/2019
	101-305-863.000	Replace Battery/Install Sensors/Tires	656.54
BLACKWELL FORD INC.		Invoice Amount:	\$761.78
Inv. 355751 10/21/19 - Vehicle Repair/106438		Check Date:	11/12/2019
	101-305-863.000	Replace Front Exhaust Manifold	761.78
BLACKWELL FORD INC.		Invoice Amount:	\$111.69
Inv. 355546 10/14/19 - Vehicle Repair/106808		Check Date:	11/12/2019
	101-305-863.000	Oil Change/Replace Battery	111.69
BLACKWELL FORD INC.		Invoice Amount:	\$115.00
Inv. 355442 10/14/19 - Vehicle Repair/B32115		Check Date:	11/12/2019
	101-305-863.000	Inspect Vehicle/thermostat	115.00
OCCUPATIONAL HEALTH CENTERS OF MI		Invoice Amount:	\$79.00
Recertification - Krueger - DPW - - Invoice #712		Check Date:	11/12/2019
	592-172-818.000	Randy Krueger (DPW)	79.00
OCCUPATIONAL HEALTH CENTERS OF MI		Invoice Amount:	\$187.50
- Invoice # 712930884 -Luke Drejewski (PD) Pre		Check Date:	11/12/2019
	101-305-818.000	Luke Drejewski (PD) PrePlacement	187.50
Carter Crompton Site Development		Invoice Amount:	\$2,380.00
LakePointe Park Containment Netting - materials		Check Date:	11/12/2019
	101-691-931.000	Containment Netting-parts & labor	2,380.00
CINTAS CORPORATION - 300		Invoice Amount:	\$165.95
Inv. 4032309831 10/11/19 Mat service for P.D.		Check Date:	11/12/2019
	101-305-776.000	Mats for pd	165.95
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$380.00
PLAN REVIEW FIRE ALARM SYSTEM AIDENT CTU		Check Date:	11/12/2019
	101-371-818.000	INVOICE 1565	380.00
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$760.00
PLAN REVIEW FOR FIRE ALARM AMAZON HDT		Check Date:	11/12/2019
	101-371-818.000	INVOICE 1566	760.00
CODE SAVVY CONSULTANTS LLC		Invoice Amount:	\$1,320.00
SPRINKLER SYSTEM PLAN REVIEW, AMAZON HD		Check Date:	11/12/2019
	101-371-818.000	INVOICE 1560 12815 PREMIER CENTER COURT	1,320.00

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CODE SAVVY CONSULTANTS LLC SPRINKLER PLAN REVIEW FOR RIVIAN 101-371-818.000	<i>INVOICE 1570</i>	Invoice Amount: Check Date:	\$660.00 11/12/2019 660.00
CODE SAVVY CONSULTANTS LLC PLAN REVIEW FOR A FIRE ALARM SYSTEM INN A 101-371-818.000	<i>INVOICE 1567</i>	Invoice Amount: Check Date:	\$1,000.00 11/12/2019 1,000.00
CORRIGAN OIL COMPANY Fuel #6884035 9/4/19 592-291-863.000 592-291-863.000 592-291-863.000 592-291-863.000	<i>Dyed Ultra Low Sulfur #2 Mix Fuel Tax Recap Environmental Fee GE87 GAS-ETHANOL</i>	Invoice Amount: Check Date:	\$1,824.12 11/12/2019 745.47 9.35 6.95 1,062.35
CORRIGAN OIL COMPANY Fuel #6910382 10/15/19 592-291-863.000 592-291-863.000 592-291-863.000 592-291-863.000	<i>Dyed Ultra Low Sulfur #2 Mix Fuel Tax Recap Environmental Fee GE87 GAS-ETHANOL</i>	Invoice Amount: Check Date:	\$1,678.45 11/12/2019 603.65 8.25 6.95 1,059.60
Corporate Benefit Solutions, LLC October 2019 Monthly Premium for BenExpress E 101-171-818.000 101-171-818.000	<i>October 2019 BenExpress Enrollment October 2019 UNUM BenX Credit</i>	Invoice Amount: Check Date:	\$291.18 11/12/2019 400.00 (108.82)
CRAWFORD DOOR SALES Door repair 101-336-776.000	<i>Door repair Sta#3 10/3/19</i>	Invoice Amount: Check Date:	\$203.00 11/12/2019 203.00
CRAWFORD DOOR SALES Repair door Sta#3 101-336-776.000	<i>Repair door Sta#3</i>	Invoice Amount: Check Date:	\$180.00 11/12/2019 180.00
CUMMINS BRIDGEWAY, LLC Inv. S6-32532 10/18/19 Repairs Required for Gen 101-315-951.000 101-315-951.000 101-315-951.000 101-315-951.000	<i>P G8D CCA1400 RC450 Wire, Spark Plug Labor Misc. Fees</i>	Invoice Amount: Check Date:	\$3,629.16 11/12/2019 335.50 2,583.36 580.00 130.30
Ean Culver Reimbursement for training FF E. Culver 101-336-960.000	<i>Reimbursement for 2 training classes</i>	Invoice Amount: Check Date:	\$190.00 11/12/2019 190.00
DELL MARKETING L.P. Dell UltraSharp Monitor #3000046743776.1 592-172-973.010	<i>Dell UltraSharp Monitor</i>	Invoice Amount: Check Date:	\$669.57 11/12/2019 669.57
DELWOOD SUPPLY CO. Parks - Invoice # 78711 - Women's Restroom 4S 101-691-978.000	<i>4SToilet</i>	Invoice Amount: Check Date:	\$45.92 11/12/2019 45.92
MICH MUN RISK MGT AUTHORITY ECP Electric Choice - September 19 101-336-921.000	<i>Electric Choice</i>	Invoice Amount: Check Date:	\$12,264.23 11/12/2019 1,917.91

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592-172-921.000	Electric Choice	716.43
101-171-921.000	Electric Choice	816.96
101-201-921.000	Electric Choice	437.14
101-209-921.000	Electric Choice	233.85
101-215-921.000	Electric Choice	709.97
101-253-921.000	Electric Choice	296.52
101-305-921.000	Electric Choice	2,346.17
101-325-921.000	Electric Choice	488.34
101-325-921.400	Electric Choice	488.34
101-336-921.000	Electric Choice	345.43
101-371-921.000	Electric Choice	514.32
101-371-921.500	Electric Choice	288.11
592-172-921.000	Electric Choice	677.10
592-172-921.000	Electric Choice	68.64
101-336-921.000	Electric Choice	878.90
101-691-921.000	Electric Choice	233.58
101-265-921.000	Electric Choice	175.08
588-588-921.000	Electric Choice	11.18
101-100-067.010	Electric Choice	620.26

DIAMOND PROCLEAN, LLC

COMMERCIAL GLASS CLEANING

Invoice Amount: \$793.00**Check Date: 11/12/2019**

101-265-776.000	INVOICE 22767	625.00
101-265-858.000	INVOICE 22767	84.00
101-265-858.000	INVOICE 22767	84.00

DIAMOND PROCLEAN, LLC

TOWNSHIP HALL, POLICE, FIRE WINDOW CLEANI

Invoice Amount: \$1,905.00**Check Date: 11/12/2019**

101-265-776.000	INVOICE 22773	1,450.00
101-305-776.000	INVOICE 22773	390.00
101-336-776.000	INVOICE 22773	65.00

ENGRAVING CONNECTION

Plate for Memorial Bench - donated by Koniarz

Invoice Amount: \$23.76**Check Date: 11/12/2019**

701-100-054.000	Name Plate- Donated by Koniarz	23.76
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E S R I, INC.

ArcGIS Online Viewer

Invoice Amount: \$2,400.00**Check Date: 11/12/2019**

592-172-973.010	Online Service	200.00
592-172-973.010	GIS Online Viewer	1,700.00
592-172-973.010	License	500.00

ETNA SUPPLY

Plymouth Park and Eats Restore Valve Blow off 10

Invoice Amount: \$81.00**Check Date: 11/12/2019**

592-291-935.000	1 BRASS THD TEE LEAD FREE	12.00
592-291-935.000	C28-44-NL FLARE X MIP COUPLING NO LEAD F	44.00
592-291-935.000	C01-44-NL -1 COPPER TUBE NUT X FIP NO LE	21.00
592-291-935.000	1X2 BRASS NIPPLE	4.00

FELLRATH, PATRICK

Mileage Reimbursement Oct - 19

Invoice Amount: \$107.30**Check Date: 11/12/2019**

592-291-863.000	Mileage Reimbursement Oct - 19	107.30
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FIRE SERVICE MANAGEMENT

Gear Maint Tacoma

Invoice Amount: \$147.50**Check Date: 11/12/2019**

101-336-758.100	Gear Maint - Tacoma	147.50
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FIRE SERVICE MANAGEMENT			Invoice Amount:	\$550.00
clean and repair gear			Check Date:	11/12/2019
	101-336-758.100	clean and repair gear		550.00
GHD, Inc.			Invoice Amount:	\$13,689.14
Cityworks - Implementation			Check Date:	11/12/2019
	592-172-820.000	Data management System CityWorks		13,689.14
GHD, Inc.			Invoice Amount:	\$205.00
Condition Assessment 95 assets			Check Date:	11/12/2019
	592-291-938.000	Condition Assessment 95 assets		205.00
GFL Environmental USA, Inc.			Invoice Amount:	\$225.00
DPW RECYCLE CENTER			Check Date:	11/12/2019
	226-226-810.500	09/23/19 - CARDBOARD/PAPER		225.00
General Linen & Uniform Service			Invoice Amount:	\$47.25
Inv. 0253073 9/26/19 Prisoner Blanket Cleaning			Check Date:	11/12/2019
	101-325-851.000	Blanket Cleaning		47.25
General Linen & Uniform Service			Invoice Amount:	\$22.50
Inv. 0259781 10/31/19 Prisoner Blanket Cleaning			Check Date:	11/12/2019
	101-325-851.000	Blanket Cleaning		22.50
General Linen & Uniform Service			Invoice Amount:	\$47.25
Inv. 0257033 10/17/19 Prisoner Blanket Cleaning			Check Date:	11/12/2019
	101-325-851.000	Blanket Cleaning		47.25
General Linen & Uniform Service			Invoice Amount:	\$47.25
Inv. 0258386 10/24/19 Prisoner Blanket Cleaning			Check Date:	11/12/2019
	101-325-851.000	Blanket Cleaning		47.25
General Linen & Uniform Service			Invoice Amount:	\$33.75
Inv. 0254330 10/3/19 Prisoner Blanket Cleaning			Check Date:	11/12/2019
	101-325-851.000	Blanket Cleaning		33.75
General Linen & Uniform Service			Invoice Amount:	\$47.25
Inv. 0255682 10/10/19 Prisoner Blanket Cleaning			Check Date:	11/12/2019
	101-325-851.000	Blanket Cleaning		47.25
Great Lakes Ace Hardware			Invoice Amount:	\$289.53
BLANKET PO 2019 October 2019 invoice attache			Check Date:	11/12/2019
	101-691-931.000	BLANKET PO 2019		289.53
Great Lakes Ace Hardware			Invoice Amount:	\$26.73
open house project - 911 phone for kids			Check Date:	11/12/2019
	101-336-885.000	item to build 911 phone for open hse		26.73
GUARDIAN ALARM CO			Invoice Amount:	\$200.97
SENIOR BLDG ALARM MONITORING, MAINTENA			Check Date:	11/12/2019
	101-265-858.000	INVOICE 20552710		200.97
Highland Products Group, LLC			Invoice Amount:	\$590.00
Recycled Plastic Malibu Bench - Memorial - Koniar			Check Date:	11/12/2019
	701-100-054.000	5 ft. Recycled Park Bench - Q19.17141		385.00
	701-100-054.000	Shipping Charges		205.00

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HORTON PLUMBING			Invoice Amount:	\$411.10
DETENTION AREA CLOGED DRAIN.			Check Date:	11/12/2019
	101-325-727.000	INVOICE 176634		411.10
HORTON PLUMBING			Invoice Amount:	\$153.97
Invoice # 177516 - Repair to Women's toilet at 4			Check Date:	11/12/2019
	101-691-931.000	Commercial Labor- 10-18-19		105.00
	101-691-931.000	EBV136A - Solenoid Valve		48.97
INTERNATIONAL MINUTE PRESS			Invoice Amount:	\$124.58
Jumbo children's reading book			Check Date:	11/12/2019
	101-336-885.000	Jumbo ID 62766 24X36		124.58
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$1,417.03
medical supplies			Check Date:	11/12/2019
	101-336-836.000	KIM50602 KC500 PURPLE NITRILE EXAM GLOV		60.42
	101-336-836.000	COV31013926 COVIDIEN 530 SERIES ECG ELE		119.80
	101-336-836.000	TEL170060 RUSCH ENDOTRACHEAL TUBE CUF		10.62
	101-336-836.000	TEL170080 RUSCH ENDOTRACHEAL TUBE CUF		53.10
	101-336-836.000	RAP352000 COLD PACK RAPID 5½" X 10½"		33.60
	101-336-836.000	PRSBIG-P BONE INJECTION GUN PEDIATRIC SI		148.16
	101-336-836.000	BEC381412 BD INSYTE AUTOGUARD SHIELDE		110.00
	101-336-836.000	MSOMS-84314 TRUESAFE COMFORT I.V. CATH		123.25
	101-336-836.000	AMBKLTSD432 KING LTS-D SIZE 2 KIT - INCL		272.00
	101-336-836.000	AMBKLTSD433 KING LTS-D SIZE 3 KIT - INCL		179.95
	101-336-836.000	AMBKLTSD435 KING LTS-D SIZE 5 KIT - INCL		179.95
	101-336-836.000	ANS6034512 ANSELL ORIGINAL PERRY STYLE		126.18
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$325.17
medical supplies			Check Date:	11/12/2019
	101-336-836.000	COV22550PC COVIDIEN MEDI-TRACE CADENC		325.17
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$492.15
medical supplies			Check Date:	11/12/2019
	101-336-836.000	BBRB4685P-B B BRAUN NEXUS TKO ANTI-REFL		492.15
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$82.05
medical supplies			Check Date:	11/12/2019
	101-336-836.000	COVIDIEN CURITY PLASTIC BANDAGES, Adhesi		23.40
	101-336-836.000	3M COBAN SELF-ADHERENT WRAP Self-Adhere		58.65
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$455.89
medical supplies			Check Date:	11/12/2019
	101-336-836.000	MTR11576-000047 Lucas 3 Suction Cups		455.89
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$450.00
Tech Support - Server Build and Imaging Data Mo			Check Date:	11/12/2019
	101-290-941.000	Server Build and Imaging Data move		450.00
KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$450.00
Tech Support - New BSA Server builds- Inv# 139			Check Date:	11/12/2019
	101-290-941.000	New BSA Server Builds		450.00
KONICA MINOLTA BUSINESS SOLUTIONS			Invoice Amount:	\$117.15
Maintenance #261517776 9/30/19			Check Date:	11/12/2019
	101-171-727.000	C454e Copier Maintenance		24.60
	101-201-851.000	Maint.		4.69

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	101-371-851.500	Maint.	5.86
	226-226-727.000	Maint.	5.86
	592-172-818.000	Maint	76.14
KONICA MINOLTA BUSINESS SOLUTIONS			Invoice Amount: \$481.33
Copy charges - September 2019			Check Date: 11/12/2019
	101-371-727.000	Color Copies - Bldg C353	186.61
	101-371-727.000	B&W Copies - Bldg C353	18.80
	101-215-727.000	Color Copies - Clerk C451	261.92
	101-215-727.000	B&W Copies - Clerk C451	14.00
KSS Enterprises			Invoice Amount: \$65.10
BLANKET PO 2019 (inv. 1186111 - 10-14-19)			Check Date: 11/12/2019
	101-691-931.000	BLANKET PO 2019	65.10
LAIRD GLASS & UPHOLSTERY, INC.			Invoice Amount: \$288.00
Work Order #43236 9/27/19 Replace Windshield			Check Date: 11/12/2019
	101-305-863.000	Replace Windshield	288.00
LAIRD GLASS & UPHOLSTERY, INC.			Invoice Amount: \$288.00
Work Order #43315 10/7/19 Replace Windshield			Check Date: 11/12/2019
	101-305-863.000	Replace Windshield	288.00
LARSON, OSCAR W. CO.			Invoice Amount: \$157.59
BLUE GAS CARDS ENCODED 61 THRU 90			Check Date: 11/12/2019
	592-291-863.000	BLUE GAS CARDS ENCODED 61 THRU 90	130.50
	592-291-863.000	FREIGHT	27.09
LAWSON PRODUCTS, INC.			Invoice Amount: \$515.56
equipment parts			Check Date: 11/12/2019
	101-336-851.000	Parts	515.56
LB Office			Invoice Amount: \$1,835.00
Office Chairs			Check Date: 11/12/2019
	592-172-727.000	hon-#2	450.00
	592-172-727.000	hon-#3	890.00
	592-172-727.000	hon-#4	495.00
LEO'S CONEY ISLAND			Invoice Amount: \$502.74
Prisoner Meals 6/10/19 - 8/2/19			Check Date: 11/12/2019
	101-325-818.400	Prisoner Meals	502.74
LIFELOC TECHNOLOGIES			Invoice Amount: \$1,100.00
Inv. 327342 9/9/19 Easycal G2 MI Cabibration St			Check Date: 11/12/2019
	265-300-978.000	Part #12815MI	1,100.00
Linguistica International			Invoice Amount: \$20.19
Inv. 38370 9/30/19 Interpreting Services - Septe			Check Date: 11/12/2019
	101-325-853.400	35.42 Min of Inter/Det. Smitherman	20.19
LIVONIA, CITY OF			Invoice Amount: \$215.00
Inv. 2019-00000092 10/7/19 AFIS Services July-S			Check Date: 11/12/2019
	101-305-818.000	Fingerprint Computer Identification	215.00
AutoZone			Invoice Amount: \$9.58
Inv. 4382368201 10/13/19 Auto Supplies			Check Date: 11/12/2019
	101-305-863.000	Cleaning Supplies for Patrol Cars	9.58

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AutoZone			Invoice Amount:	\$14.99
Inv. 4382375658 10/30/19 Speed Trailer Supplies			Check Date:	11/12/2019
101-305-851.000	Weatherstripping for Speed Trailer			14.99
AutoZone			Invoice Amount:	\$39.96
EMERGENCY COOLANT LEAK IN #406 #4382373			Check Date:	11/12/2019
592-291-863.000	5050 AUTOZONE AN SHU 000540721			39.96
M H R BILLING SERVICES			Invoice Amount:	\$468.00
collections fees			Check Date:	11/12/2019
101-336-959.000	Monthly Billing Fees			468.00
MAIN STREET AUTO WASH			Invoice Amount:	\$420.00
August - Oct (through 10/4/19) Car Washes			Check Date:	11/12/2019
101-305-863.000	Police Vehicles			380.00
101-336-863.000	Fire Admin. Vehicles			5.00
101-371-863.000	Building Vehicles			35.00
MAPLES ENVIRONMENTAL PEST CONTROL			Invoice Amount:	\$150.00
GENERAL PESTS FALL TREATMENT			Check Date:	11/12/2019
101-336-776.000	10/31/19 TREATMENT			150.00
MAPLES ENVIRONMENTAL PEST CONTROL			Invoice Amount:	\$185.00
GENERAL PESTS FALL TREATMENT			Check Date:	11/12/2019
101-265-776.000	10/31/19 TREATMENT			185.00
MAPLES ENVIRONMENTAL PEST CONTROL			Invoice Amount:	\$185.00
GENERAL PESTS FALL TREATMENT			Check Date:	11/12/2019
101-305-776.000	10/31/19 TREATMENT			185.00
MARK'S OUTDOOR POWER EQUIPMENT			Invoice Amount:	\$19.45
Parks - Invoice # 173754 (Ignition Switch)			Check Date:	11/12/2019
101-691-931.000	Invoice # 173754			19.45
Marquis Food Service, Inc.			Invoice Amount:	\$24.50
Inv. 9146 10/11/19 Prisoner Meals			Check Date:	11/12/2019
101-325-818.400	Breakfast Sandwiches			19.50
101-325-818.400	Delivery			5.00
Marquis Food Service, Inc.			Invoice Amount:	\$80.75
Inv. 9153 10/18/19 Prisoner Meals			Check Date:	11/12/2019
101-325-818.400	Turkey Subs			56.25
101-325-818.400	Breakfast Sandwiches			19.50
101-325-818.400	Delivery Charge			5.00
Marquis Food Service, Inc.			Invoice Amount:	\$44.00
Inv. 9167 10/29/19 Prisoner Meals			Check Date:	11/12/2019
101-325-818.400	Breakfast Sandwiches			39.00
101-325-818.400	Delivery			5.00
MCKENNA ASSOCIATES INC			Invoice Amount:	\$2,517.50
Professional Services -September 2019 - 90047-			Check Date:	11/12/2019
101-371-818.500	Prep & Attend Mtg - 9/10;9/26; 9/18			1,017.50
101-371-818.500	#2346-The Henry Project-Site Plan			1,150.00
101-371-818.500	#2308-Rayyan Center Landscape Insp.			350.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

MERCHANTS & MEDICAL CREDIT CORP, IN			Invoice Amount:	\$158.50
transport collection fees - SEPTEMBER 2019			Check Date:	11/12/2019
101-336-959.000	Transport collection fees			158.50
M A F C			Invoice Amount:	\$20.00
Registration for SMAFCC Membership			Check Date:	11/12/2019
101-336-729.000	Membership meeting SMAFC			20.00
MICHIGAN, STATE OF			Invoice Amount:	\$30.00
Inv. 551-547409 10/3/19 SOR Registration			Check Date:	11/12/2019
101-305-818.000	SOR Registration-Period Ending 9/30/19			30.00
MICHIGAN, STATE OF			Invoice Amount:	\$47.00
Inv. 551-548016 10/22/19 Shipping Fee			Check Date:	11/12/2019
101-305-851.000	Dry Gas For Calibration Station			47.00
Ferguson Waterworks			Invoice Amount:	\$6,716.88
WATER METERS & PARTS			Check Date:	11/12/2019
592-172-780.000	5/8X3/4 T10 P/C USG *X			5,205.60
592-172-780.000	LF 5/8X3/4 T10 MTR R900I USG			1,397.28
592-172-780.000	1000 FT COPPER SEAL WIRE			114.00
MICHIGAN LINEN SERVICE			Invoice Amount:	\$84.35
Uniforms 10/18/19 # 415659			Check Date:	11/12/2019
592-172-758.000	10/18/19			84.35
MICHIGAN LINEN SERVICE			Invoice Amount:	\$84.35
Uniforms 10/25/19 #416098			Check Date:	11/12/2019
592-172-758.000	10/18/19			84.35
MICHIGAN LINEN SERVICE			Invoice Amount:	\$84.35
Uniforms 10/11/19 #415216			Check Date:	11/12/2019
592-172-758.000	10/11/19			84.35
MI Communication Directors Assoc.			Invoice Amount:	\$500.00
Inv. 20member 10/11/19 MCDA 2020 Membershi			Check Date:	11/12/2019
101-325-958.000	Communications Supervisor Cindy Fell			500.00
NORTH BREATHING AIR, LLC			Invoice Amount:	\$120.00
Air Sample & Lab Analysis			Check Date:	11/12/2019
101-336-836.000	Air Sample and Lab Anaysisq			120.00
OFFICE DEPOT			Invoice Amount:	\$21.39
Office supplies September 2019			Check Date:	11/12/2019
592-172-727.000	duster			21.39
OFFICE DEPOT			Invoice Amount:	\$116.70
Office supplies September 2019			Check Date:	11/12/2019
592-172-727.000	Binders			38.76
592-172-727.000	envelope moistener			8.39
592-172-727.000	pens			8.11
592-172-727.000	post it notes			15.41
592-172-727.000	gel grips			10.99
592-172-727.000	Papermate pens blue			9.31
592-172-727.000	Papermate pens black			9.31
592-172-727.000	11x17 paper			16.42

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION****OFFICE DEPOT**

Correction Tape, Hole Punch, Dusters, Paper Rolls

101-215-727.000

Tombow Correction Tape

101-215-727.000

Cleaning Duster (3 Pk)

101-215-727.000

Calc Paper Rolls

101-215-727.000

Pop-up Notes w Dispenser

101-215-727.000

Blue Med Pt Ballpt Pens

101-215-727.000

Blue Fine Pt Ballpt Pens

101-215-727.000

20 x 30 Monthly Wall Cal

Invoice Amount:**\$79.30****Check Date:****11/12/2019**

8.39

15.29

8.80

11.57

7.90

4.16

23.19

OFFICE DEPOT

Correction Tape, Hole Punch, Dusters, Paper Rolls

101-215-727.000

Pink Hole Punch

Invoice Amount:**\$16.49****Check Date:****11/12/2019**

16.49

OFFICE DEPOT

Clerk Dept Calendars

101-215-727.000

Mini Monthly Wall Calendar

101-215-727.000

24 x 36 Yrly Wall Calendar

101-215-727.000

Today Is 6 x 6 refill Calendar

101-215-727.000

11 x 8 3/4 Wall Calendar

101-215-727.000

22 x 17 Red Desk Calendar

101-215-727.000

31/2 x 6 Calendar Refill

Invoice Amount:**\$89.52****Check Date:****11/12/2019**

21.74

15.35

20.55

10.39

12.78

8.71

OFFICE DEPOT

Clerk Dept Calendars

101-215-727.000

2-sided Yrly Wall Calendar

101-215-727.000

22 x 17 Desk Calendar

Invoice Amount:**\$39.65****Check Date:****11/12/2019**

23.19

16.46

OFFICE DEPOT

Inv. 381638383001 9/24/19 - Office Supplies for

101-305-727.000

Staple Remover

Invoice Amount:**\$6.09****Check Date:****11/12/2019**

6.09

OFFICE DEPOT

Inv. 381638713001 9/24/19 - Office Supplies for

101-305-727.000

Letter Opener

Invoice Amount:**\$8.59****Check Date:****11/12/2019**

8.59

OFFICE DEPOT

Inv. 381638715001 9/23/19 - Office Supplies for

101-325-727.000

Shredder Oil

Invoice Amount:**\$4.24****Check Date:****11/12/2019**

4.24

OFFICE DEPOT

Inv. 390539645001 10/17/19 - Office Supplies f

101-325-727.000

Interoffice Envelopes

101-305-727.000

Correction Tape

101-305-727.000

Tape Dispenser

101-305-727.000

Disinfectant Wipes

Invoice Amount:**\$109.46****Check Date:****11/12/2019**

13.89

50.34

5.28

39.95

OFFICE DEPOT

Inv. 386948769001 10/10/19 - Office Supplies f

101-305-727.000

Kleenex

101-305-727.000

Manilla File Folders

Invoice Amount:**\$40.01****Check Date:****11/12/2019**

25.47

14.54

OFFICE DEPOT

Inv. 386949984001 10/10/19 - Office Supplies f

101-305-727.000

File Folders

Invoice Amount:**\$31.29****Check Date:****11/12/2019**

31.29

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

OFFICE DEPOT			Invoice Amount:	\$60.13
Inv. 385209375001 10/2/19 - Office Supplies for			Check Date:	11/12/2019
	101-305-727.000	File Pockets		21.87
	101-305-727.000	Index Maker Tabs		38.26
OAKLAND COUNTY			Invoice Amount:	\$6,740.25
Inv. CLM0010748 9/30/19 Clemis Fees - Jul-Sept			Check Date:	11/12/2019
	101-325-818.000	Membership Usage Fee		1,729.00
	101-325-818.000	MDC Participation Fee		3,008.50
	101-325-818.000	Crimemapping		75.00
	101-325-818.000	Livescan (Oct-Dec 2019)		927.75
	101-325-818.000	Mug Capture Stn Maint (Oct-Dec 2019)		1,000.00
OAKLAND COUNTY			Invoice Amount:	\$36.50
Inv. INF0002483 9/30/19 Out-County GIS Data			Check Date:	11/12/2019
	101-325-818.000	GIS DATA		36.50
OAKLAND COUNTY			Invoice Amount:	\$1,654.54
CLEMIS Software Oct-Dec			Check Date:	11/12/2019
	101-336-824.000	CLEMIS Software Oct-Dec		1,654.54
ORCHARD, HILTZ, & MCCLIMENT, INC.			Invoice Amount:	\$955.50
Litchfield Dr Subdivision Road SAD Final Design &			Check Date:	11/12/2019
	805-805-970.310	Litchfield Dr. Design & Bidding		955.50
ORCHARD, HILTZ, & MCCLIMENT, INC.			Invoice Amount:	\$1,247.50
Plymouth Meadows SAD Preliminary			Check Date:	11/12/2019
	805-805-970.400	Plymouth Meadows SAD Preliminary		1,247.50
ORCHARD, HILTZ, & MCCLIMENT, INC.			Invoice Amount:	\$547.50
Andover Lakes SAD Preliminary Eng			Check Date:	11/12/2019
	805-805-970.370	Andover Lakes SAD Preliminary		547.50
ORCHARD, HILTZ, & MCCLIMENT, INC.			Invoice Amount:	\$531.00
Colony Farms SAD			Check Date:	11/12/2019
	805-805-970.390	Colony Farms SAD		531.00
OVERAITIS, JOSEPH RUSSELL			Invoice Amount:	\$74.28
Renewal of CDL			Check Date:	11/12/2019
	592-291-863.000	reimbursement- Michigan Dept of State		74.28
PSTGP, LLC (PROFESSIONAL POLICE)			Invoice Amount:	\$300.00
Inv. 483 8/11/19 Police Supervisor Legal Liability			Check Date:	11/12/2019
	101-305-960.000	October 8, 2019		300.00
PERLONGO EXCAVATING COMPANY			Invoice Amount:	\$11,440.00
HOUSE DEMO 50081 SHEFIELD COURT			Check Date:	11/12/2019
	701-100-054.000	DEMO OF HOUSE		11,440.00
PITNEY BOWES			Invoice Amount:	\$322.98
Red Cartridges			Check Date:	11/12/2019
	101-215-727.000	Red Cartridges		322.98
PITNEY BOWES			Invoice Amount:	\$73.98
Cleaning Kit for Mail Machine			Check Date:	11/12/2019
	101-215-727.000	Cleaning Kit		73.98

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION****PLYMOUTH RUBBER & TRANSMISSION**

FLUSHING MAINS AND HYDRANTS 10/7/19

592-291-934.000

BLUE PVC 3X50FT W/ CAM FITTINGS

Invoice Amount:**\$211.90****Check Date:****11/12/2019**

211.90

CHARTER TWSP OF PLYMOUTH

Comerica Bank-Credit card charges - Sept. 2019

Invoice Amount:**\$5,246.03****Check Date:****11/12/2019**

101-325-727.000

Brothers-Amazon-Edge guard for dispatch

13.99

101-325-963.000

Brothers-Foremost-911 Promo Giveaways

141.45

592-172-960.000

Fellrath-AWWA -Webinar-Water Main Assess

75.00

592-172-960.000

Fellrath-Expedia - Airfare to AWWA Conf.

429.61

592-172-960.000

Fellrath -AWWA - Conference Fees

615.00

101-336-979.000

Fox- Webbing for cribbing E#1 & E#3

90.00

101-336-979.000

Fox-HD-Hardware screws & washers

45.04

101-336-727.000

Fox-HD-Markers

1.97

101-336-979.000

Fox-HD Router Bit & washers

70.47

101-336-979.000

Fox - REFUND CREDIT - HD

(59.94)

101-336-851.000

Fox-HD-Velcro & Command Hooks

11.45

101-336-836.000

Fox-Ace-Distilled water for batteries

1.89

101-336-979.000

Fox-TechTool-Hard case for E2 gas detect

38.00

101-336-776.000

Fox-HD-Hooks for gear - E2

59.92

101-336-960.000

Fox-HD-Building supplies for training

228.41

101-336-960.000

Fox-HD-Building supplies for training

65.58

101-336-960.000

Fox-HD-Building supplies for training ro

36.10

101-336-885.000

Fox-HD-911 phone booth for training

78.01

101-305-960.000

Gordon-Geat Wolf-Dep. for Training K Bon

69.80

101-336-960.000

Gross-HD-Lumber for roof training

29.40

101-371-863.000

Naack-Batteries+-Bld. Dept. blue Ford

111.95

226-226-809.000

Haack-Tim HOrtons-Shred Event

17.86

101-371-863.000

Haack-Midas-Muffler System-Bldg. Dept Ve

557.46

101-265-776.000

Haack-Office Depot-Oil for Shredder

25.40

101-305-776.000

Haack-Sam's-Supplies for PD

94.76

592-172-963.000

Hamann-HD-Little Library Parts

107.17

592-291-932.000

Hamann-Plymouth Rock-Hay bales for resto

217.10

592-172-960.000

Hamann-AWWA Training for Krueger

205.00

592-172-960.000

Hamann-AWWA Training - Nelson

205.00

101-336-776.000

Heise-White Flower Farms-St#2 Landscaping

111.83

101-336-776.000

Heise-HD-Plants for St#2 Landscaping

55.86

101-955-885.000

Heise-Constant Contact=Monthly Fee

70.00

101-171-727.000

Heise-Labor Law Posters (HR)

152.00

101-201-960.000

Janks-Boyne Mt-Hotel-MiGMIS Conf

285.00

101-305-963.000

Kudra-Gas-pickup prisoners from Travers

34.13

101-305-963.000

Kudra-Gas-pick up prisoner from traverse

26.65

101-371-960.000

Lewis-Shanty Creek-Deposit for Conferenc

136.00

101-371-863.000

Lewis-Amazon-strobe lights for Ordinance

43.99

101-371-960.000

Lewis-Lumber Jack-meal for conference

17.71

101-371-960.000

Lewis-Blue Pellican-meal-conference

25.85

101-371-960.000

Lewis-Short's Brewing-meal for conferenc

48.04

101-371-960.000

Lewis-Lumber Jack-meal for conference

16.70

101-371-863.000

Lewis-Gas for conference

45.00

101-336-851.000

Mack-HD-flat stock & washers

46.42

101-336-979.000

Mack-HD-small tools

67.00

101-336-960.000

Phillips-Dorsey School-AHA Cards

65.00

101-336-960.000

Phillips-Dorsey School-CPR and BLS class

398.00

101-336-960.000

Phillips-Dorsey School-CPR Cards & roste

18.00

PLYMOUTH-CANTON COMMUNITY SCHOOLS

AUGUST FUEL

101-371-863.000

INVOICE 002947

Invoice Amount:**\$353.69****Check Date:****11/12/2019**

353.69

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

PLYMOUTH-CANTON COMMUNITY SCHOOLS			Invoice Amount:	\$350.95
SEPTEMBER FUEL INVOICE			Check Date:	11/12/2019
	101-371-863.000	INVOICE 003004		350.95
PLYMOUTH-CANTON COMMUNITY SCHOOLS			Invoice Amount:	\$4,227.10
Inv. 00304 10/24/19 - September Fuel			Check Date:	11/12/2019
	101-305-863.000	Patrol Vehicles		4,194.24
	101-325-963.000	PSA Vehicle		32.86
AIRGAS USA, LLC			Invoice Amount:	\$18.30
WELDING SUPPLIES #9094008874 10/11/19			Check Date:	11/12/2019
	592-291-851.000	WELDING SUPPLY		18.30
AIRGAS USA, LLC			Invoice Amount:	\$342.87
Oxygen			Check Date:	11/12/2019
	101-336-836.000	oxygen		342.87
AIRGAS USA, LLC			Invoice Amount:	\$303.58
Oxygen			Check Date:	11/12/2019
	101-336-836.000	Oxygen 6 containers incl freight		303.58
R A F T			Invoice Amount:	\$1,200.00
2020 Membership			Check Date:	11/12/2019
	101-336-729.000	2020 membership		1,200.00
REID, JOHN E. & ASSOCIATES, INC.			Invoice Amount:	\$575.00
Interview/Interrogation Tech. Trg - Detective Hin			Check Date:	11/12/2019
	101-305-960.000	Trg dates - 9/17/19 - 9/20/19		575.00
ROZUM, CHARLES			Invoice Amount:	\$500.00
Uniform Clothing Reimbursement - 2019			Check Date:	11/12/2019
	101-305-758.000	Per Contract (Detective Bureau)		500.00
SERENE LANDSCAPE GROUP			Invoice Amount:	\$502.50
TURF FERTILIZATION AND LAWN MOWING			Check Date:	11/12/2019
	101-691-931.000	INVOICE 47020 MILLER FAMILY PARK		502.50
SERENE LANDSCAPE GROUP			Invoice Amount:	\$842.50
LAWN MOWING AND TURF FERTILIZATION GARD			Check Date:	11/12/2019
	101-265-776.000	INVOICE 46851 TOWNSHIP HALL		842.50
SERENE LANDSCAPE GROUP			Invoice Amount:	\$297.50
LAWN MOWING AND TURF FERTILIZATION			Check Date:	11/12/2019
	592-172-776.000	INVOICE 47022 DPW		297.50
SERENE LANDSCAPE GROUP			Invoice Amount:	\$180.00
LAWN MOWING			Check Date:	11/12/2019
	101-691-931.000	INVOICE 47024		180.00
SERENE LANDSCAPE GROUP			Invoice Amount:	\$865.00
TURF FERTILIZATION AND LAWN MOWING			Check Date:	11/12/2019
	101-691-931.000	INVOICE 47023 LAKE POINTE SOCCER PARK		865.00
SERENE LANDSCAPE GROUP			Invoice Amount:	\$222.75
TURF FERTILIZATION AND LAWN MOWING			Check Date:	11/12/2019
	101-691-931.000	INVOICE 47021 PLYMOUTH POINTE PARK		222.75

Charter Township of Plymouth

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VENDOR INFORMATION

INVOICE INFORMATION

SERENE LANDSCAPE GROUP		Invoice Amount:	\$300.00
TURF FERTILIZATION AND LAWN MOWING		Check Date:	11/12/2019
101-265-858.000	INVOICE 47019 PLUS GUTTER CLEANING		300.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$295.00
Fertilize and mow lawn twice Sta#3		Check Date:	11/12/2019
101-336-776.000	Fertilize and mow lawn twice Sta#3		295.00
SERENE LANDSCAPE GROUP		Invoice Amount:	\$231.25
Lawn Maint Sta# 2		Check Date:	11/12/2019
101-336-776.000	Fertilize and mow lawn twice Sta#2		231.25
SHI International Corp.		Invoice Amount:	\$2,436.00
HP Autoloader (3) Renewal - Hardware Support -		Check Date:	11/12/2019
101-290-941.000	Support Renewal 3 HP Autoloader H7J33AC		2,436.00
SHI International Corp.		Invoice Amount:	\$57.00
Quotation #17809150 9/27/19 - Text to 911 Com		Check Date:	11/12/2019
101-325-727.000	C2G 8in DisplayPort to VGA Adapter		57.00
SITE ONE LANDSCAPE SUPPLY		Invoice Amount:	\$164.25
HOT ROCK METER ENCLOSURE FOR NEW METER		Check Date:	11/12/2019
101-691-931.000	DEKORRA ROCK ENCLOSURE RIVERBED BROW		164.25
SmartSign		Invoice Amount:	\$829.20
No Parking Signs		Check Date:	11/12/2019
101-691-931.000	No parking Will be towed		365.40
101-691-931.000	Custom - Steep Grade		41.95
101-691-931.000	U-Channel Sign Post		421.85
SMITH, CHRISTOPHER		Invoice Amount:	\$37.12
MI-TF1 qtrly training mileage reimbursement		Check Date:	11/12/2019
101-336-960.000	MI-TF1 Qtrly training mileage reimburse		37.12
SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$27,416.50
Spalding DeDecker - Oct. 2019 Invoice (minus Bui		Check Date:	11/12/2019
101-371-818.500	#81067 - Monthly Retainer		500.00
101-446-818.000	#81070-2019 Sidewalk Assessment		3,060.00
592-172-820.000	#81071 - Ply. Twp. GIS		1,885.00
101-691-978.000	#81072 - -Ply. Twp. Park Pathway		5,183.00
101-851-971.000	81068 - 2018 CDBG Program		2,560.00
592-172-820.000	81078 -Water Tower Cathodic Protection		110.00
101-336-776.000	81073 - FS #2		1,065.00
592-172-820.000	81077 - Plymouth Twp. Eng. Stds		260.00
101-290-818.000	81084 - Comcast #JB000051072 40900 AA		242.00
101-290-818.000	81086-Comcast #JB0000120362-47548 Halyar		302.50
101-290-818.000	81087-Comcast #JB0000122109-46441 Five m		180.00
101-290-818.000	81088-WOW-Service relocate-Verona Ct		527.50
101-290-818.000	81085- WOW Serv.to 13250 Haggerty DPW		181.50
101-290-818.000	81089-123NET-14425 Sheldon-DPW		665.50
101-290-818.000	81090-Comcast-#JB00000772-44523 AA		544.50
101-290-818.000	81091-Comcast-JB0000132919-2-14356 Genoa		544.50
101-290-818.000	81092-Comcast-#JB0000143027-39411 School		544.50
101-446-970.000	81101-PlymouthTwp.Sidewalk Gaps		7,430.50
101-290-818.000	81083--2019 Miss Dig Designb Ticket		1,630.50

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$1,250.00
SD - January 2019 Bill correction (SEE ATTACHED		Check Date:	11/12/2019
101-371-818.500	#78769-Hillside Residence PLANNING		600.00
101-371-818.500	#78770-Verona Park CHO-PLANNING		650.00
SPARTAN DISTRIBUTORS		Invoice Amount:	\$52.58
Voltage Regulator		Check Date:	11/12/2019
101-691-931.000	Voltage regulator		52.58
SPRINT LEGAL COMPLIANCE		Invoice Amount:	\$250.00
Inv. LCI-325322 10/23/19 Tower Search		Check Date:	11/12/2019
101-305-818.000	Sprint Case #2019-208938		250.00
SURE-FIT LAUNDRY CO.		Invoice Amount:	\$54.00
Inv. 420645 9/12/19 Prisoner Blanket Cleaning		Check Date:	11/12/2019
101-325-851.400	Blanket Cleaning		54.00
SURE-FIT LAUNDRY CO.		Invoice Amount:	\$27.00
Inv. 420241 8/29/19 Prisoner Blanket Cleaning		Check Date:	11/12/2019
101-325-851.400	Blanket Cleaning		27.00
SURE-FIT LAUNDRY CO.		Invoice Amount:	\$31.50
Inv. 418344 7/3/19 Prisoner Blanket Cleaning		Check Date:	11/12/2019
101-325-851.400	Blanket Cleaning		31.50
TIDERINGTON, SCOTT		Invoice Amount:	\$83.10
Clothing Allowance Reimbursement per Contract		Check Date:	11/12/2019
101-305-758.000	Clothing reimbursement - 2019		83.10
TOWN LOCKSMITH		Invoice Amount:	\$14.00
Four #7 Key Duplicates		Check Date:	11/12/2019
592-172-776.000	#7 Keys		14.00
TOWN ENGRAVER, INC.		Invoice Amount:	\$25.00
Engraved Locker Plates for New Employee 10/10/		Check Date:	11/12/2019
101-305-758.000	Chalmers, Champagne, Goscicki, Vaughn		20.00
101-305-758.000	Shipping & Handling		5.00
TRISTAR FIRE PROTECTION, INC		Invoice Amount:	\$401.50
Repair fire sprinkler Sta#3		Check Date:	11/12/2019
101-336-776.000	Fire Sprinkler repair Sta#3		401.50
NAPA Auto Parts		Invoice Amount:	\$169.99
55 Def		Check Date:	11/12/2019
101-336-863.000	55 Def		169.99
SIMPLIFILE, LC		Invoice Amount:	\$42.00
RECORDING FEES AT WAYNE COUNTY, RAVNES		Check Date:	11/12/2019
101-290-698.200	SIMPLIFILE 5072 N 300W, PROVE UT 84604		42.00
UPS		Invoice Amount:	\$13.80
UPS Shipping		Check Date:	11/12/2019
101-290-730.000	SMART Contract		6.90
101-851-530.000	CDBG Contract		6.90
Violin Systems, LLC		Invoice Amount:	\$4,309.20
SAN ISE Software/Hardware Silver Maint Renewal		Check Date:	11/12/2019

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

	101-290-941.000	ISE Silver Maint 11/1/19 - 10/31/20	4,309.20
W.J.O'NEIL COMPANY		Invoice Amount:	\$1,542.45
RTU ONE NO COOLING		Check Date:	11/12/2019
	101-305-776.000	INVOICE 28018	1,542.45
W.J.O'NEIL COMPANY		Invoice Amount:	\$413.25
NO A/C COMPUTER ROOM UNIT		Check Date:	11/12/2019
	101-265-776.000	INVOICE 27960	413.25
WAYNE COUNTY		Invoice Amount:	\$140.00
Inv. 300758 10/3/19 May Prisoner Housing		Check Date:	11/12/2019
	101-305-832.000	May Prisoner Housing	140.00
WAYNE COUNTY		Invoice Amount:	\$245.00
Inv. 300795 10/15/19 June Prisoner Housing		Check Date:	11/12/2019
	101-305-832.000	June Prisoner Housing	245.00
WCA ASSESSING		Invoice Amount:	\$24,604.58
Appraisal Services Rendered -November 2019		Check Date:	11/12/2019
	101-209-818.000	Appraisal Services Rendered (Contract)	24,447.91
	101-209-818.000	Co-Star Services	156.67
Thomas Reuters -WEST PAYMENT CENTER		Invoice Amount:	\$300.68
Inv. 841041305 10/1/19 West Information Charg		Check Date:	11/12/2019
	101-305-960.000	September 1-30, 2019	300.68
WEST SHORE SERVICES INC		Invoice Amount:	\$1,685.50
Siren Maint Ridge & Halyard		Check Date:	11/12/2019
	101-315-951.000	Siren Maint #5 Ridge & Halyard	1,685.50
Great Lakes Water Authority		Invoice Amount:	\$397,610.09
GLWA - September 2019 Water Usage Charges		Check Date:	11/12/2019
	592-441-741.000	GLWA - September 2019 Water Usage	397,610.09
National Emergency Number Assoc.		Invoice Amount:	\$275.00
Inv. 200016837 9/26/19 9-1-1 Center Culture Tr		Check Date:	11/12/2019
	101-325-960.000	Bosworth, Rodriguez, Bulmer & Spaulding	275.00
WINDER POLICE EQUIPMENT		Invoice Amount:	\$400.71
Inv. 192309 10/22/19 Services Performed on Uni		Check Date:	11/12/2019
	101-305-863.000	Plug in Cable/Install new antenna	400.71
WINDER POLICE EQUIPMENT		Invoice Amount:	\$1,445.20
Inv. 192052 9/25/19 Flares for Road Emergencies		Check Date:	11/12/2019
	101-305-851.000	30 minute fuses w/wire	1,445.20
Winning Strategies		Invoice Amount:	\$171.44
Coffee with a Cop posters for 10-2-19 event		Check Date:	11/12/2019
	101-305-963.000	10 Posters for Coffee with a Cop	171.44
Dell Financial Services		Invoice Amount:	\$513.08
Computer Leases - 12/1/19--02/29/20 (Treasurer,		Check Date:	11/12/2019
	101-253-978.500	Treasurer Dept. Computer (Lease-Qtly)	171.00
	101-215-978.500	Clerk Dept. Computer (Lease-Qtly)	299.32
	101-371-978.500	Building Dept. Computer (Lease=Qt;y)	42.76

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

Dell Financial Services		Invoice Amount:	\$769.64
Computer Leases - 12/1/19- --2/29/20- Fire & DP		Check Date:	11/12/2019
<i>101-336-978.500</i>	<i>Fire Dept.. Computer (Lease-Qtly)</i>		<i>299.32</i>
<i>592-172-978.500</i>	<i>DPW</i>		<i>427.60</i>
<i>592-172-978.500</i>	<i>DPW (rounding adjust)</i>		<i>42.72</i>
Dell Financial Services		Invoice Amount:	\$472.05
Computer Leases -12-1-19-2/29/20 - PD (16)		Check Date:	11/12/2019
<i>267-300-978.500</i>	<i>Police Dept.. Computer (Lease-Qtly)</i>		<i>472.00</i>
<i>267-300-978.500</i>	<i>.05 adjustment (rounding)</i>		<i>0.05</i>
FOUNDATION SYSTEMS OF MICHIGAN		Invoice Amount:	\$60.00
PB19-0800 PERMIT REFUND		Check Date:	11/12/2019
<i>101-371-965.000</i>	<i>CONTRACTOR NO LONGER DOING WORK</i>		<i>60.00</i>
Total Amount to be Disbursed:			\$612,754.25

Charter Township of Plymouth

AP Invoice Listing - Board Report

P. Bonds age. 11/6/17

VENDOR INFORMATION**INVOICE INFORMATION**

OAKLAND COUNTY FRIEND OF THE COURT		Invoice Amount:	\$9,425.00
BOND RECEIPT 10-28-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT NUMBER 8358		9,425.00
35TH DISTRICT COURT		Invoice Amount:	\$160.00
BOND RECEIPT 10-23-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT NUMBER 8351		160.00
35TH DISTRICT COURT		Invoice Amount:	\$500.00
BOND RECEIPT 10-29-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT NUMBER 8359		500.00
35TH DISTRICT COURT		Invoice Amount:	\$500.00
BOND RECEIPT 10-30-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT NUMBER 8360		500.00
35TH DISTRICT COURT		Invoice Amount:	\$500.00
BOND RECEIPT 10-31-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT 8362		500.00
35TH DISTRICT COURT		Invoice Amount:	\$779.00
BOND RECEIPT 11-01-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT NUMBER 8363		779.00
35TH DISTRICT COURT		Invoice Amount:	\$1,300.00
BOND RECEIPT 10-28-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT NUMBER 8354		100.00
702-100-087.000	BOND RECEIPT NUMBER 8355		400.00
702-100-087.000	BOND RECEIPT NUMBER 8356		300.00
702-100-087.000	BOND RECEIPT NUMBER 8357		500.00
35TH DISTRICT COURT		Invoice Amount:	\$1,000.00
BOND RECEIPT 10-28-2019		Check Date:	11/09/2019
702-100-087.000	BOND RECEIPT NUMBER 8352		500.00
702-100-087.000	BOND RECEIPT NUMBER 8353		500.00
Total Amount to be Disbursed:			\$14,164.00

Charter Township of Plymouth

AP Invoice Listing - Board Report

Refund Page 11/16/19

VENDOR INFORMATION

INVOICE INFORMATION

Dimoski Homes			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	11/04/2019
	701-100-202.701	BP18-0010 - PB17-1174		1,500.00
Halim Homes			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	11/04/2019
	701-100-202.701	BP18-0003 - PB18-0044		1,500.00
Halim Homes			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	11/04/2019
	701-100-202.701	BP18-0004 - PB17-0122		1,500.00
Blaze Constracting Inc			Invoice Amount:	\$600.00
BD Bond Refund			Check Date:	11/04/2019
	701-100-202.701	BBD19-0013 - PSW19-0033		600.00
Ryan Construction Inc			Invoice Amount:	\$1,500.00
BD Bond Refund			Check Date:	11/04/2019
	701-100-202.701	BP19-0004 - PB18-1097		1,500.00
Total Amount to be Disbursed:				\$6,600.00

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Charter Township of Plymouth
AP Invoice Listing - Board Report

Weekly ^{Page:} 1116919

VENDOR INFORMATION

INVOICE INFORMATION

A T & T		Invoice Amount:	\$647.96
October 2019 payment - Acct. 734-453-4461-659-		Check Date:	11/06/2019
101-336-853.000	Fire		220.30
101-265-853.000	Twp. Hall		51.84
101-691-853.000	Parks		51.84
592-291-853.000	DPW		323.98
BASIC		Invoice Amount:	\$262.65
Quarterly Fee for Section125 Flexplan admin (17		Check Date:	11/06/2019
101-336-714.000	Fire		30.90
592-172-714.000	DPW (Latawiec)		15.45
101-305-714.000	Police		123.60
101-325-714.000	Dispatch (fell)		30.90
101-201-714.000	Information Services (Janks)		15.45
101-215-714.000	Clerk (leClair)		15.45
101-265-714.000	Bldg. (haack)		15.45
592-291-714.000	DPW (Fellrath)		15.45
BUONO, DUANE		Invoice Amount:	\$6,892.20
OCTOBER 2019 MECH INSP PAY		Check Date:	11/06/2019
101-371-818.000	OCTOBER 2019		6,892.20
COMCAST		Invoice Amount:	\$158.52
Comcast High Speed Internet - Township Park -N		Check Date:	11/06/2019
101-691-921.000	High Speed Internet - Township Park		158.52
COMCAST		Invoice Amount:	\$126.90
Comcast High Speed Internet - November 2019-		Check Date:	11/06/2019
101-290-941.000	Comcast High Speed Internet -Nov 2019		126.90
CONSUMERS ENERGY		Invoice Amount:	\$2,210.78
Monthly Chgs - October 2019		Check Date:	11/06/2019
101-171-921.000	Supervisor		180.60
101-201-921.000	Info Services		96.63
101-209-921.000	Assessing		51.70
101-215-921.000	Clerk		156.95
101-253-921.000	Treasurer		65.55
101-305-921.000	Police		518.65
101-325-921.000	Dispatch		107.95
101-325-921.400	Lock Up		107.95
101-336-921.000	Fire Dept		473.94
101-371-921.000	Building		113.70
101-371-921.500	Comm Devel		63.69
101-691-921.000	Park		105.51
226-226-921.000	Utilities-Solid Waste		14.97
592-444-745.000	Power & Pumping-DPW		152.99
DTE ENERGY		Invoice Amount:	\$25.64
DTE Service Miller Park 3rd Qtr. 2019 - 9100-055-		Check Date:	11/06/2019
101-691-921.000	Miller Park Electric 3rd Qtr. 2019		25.64
DTE ENERGY		Invoice Amount:	\$6,732.91
DTE Service - Municipal Street Lights - October 20		Check Date:	11/06/2019
101-446-920.000	October 2019 Municipal Street Lights		6,732.91
HEILEMAN, JAMES		Invoice Amount:	\$6,220.00
ELECTRICAL INSP PAY OCTOBER 2019		Check Date:	11/06/2019

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

	101-371-818.000	OCT 2019 PAY		6,220.00
MUNSON, STEVE			Invoice Amount:	\$2,187.25
SEPT 2019 PLBG INSP PAY			Check Date:	11/06/2019
	101-371-818.000	SEPT PAY		2,187.25
CHARTER TWSP OF PLYMOUTH			Invoice Amount:	\$3,753.10
Plymouth Township - Water/Sewer - November			Check Date:	11/06/2019
	101-171-921.000	Supervisor		36.48
	101-201-921.000	Information Services		19.52
	101-209-921.000	Assessors		10.44
	101-215-921.000	Clerk		31.70
	101-253-921.000	Treasurer		13.24
	101-265-854.000	Building		57.03
	101-305-921.000	Police		104.76
	101-325-921.000	Communications/Dispatch		21.81
	101-325-921.400	Lock Up		21.81
	101-336-921.000	Fire		1,828.97
	101-371-921.000	Building		22.97
	101-371-921.500	Planning		12.87
	101-691-921.000	Park		1,339.31
	226-226-921.000	Solid Waste		3.02
	592-172-921.000	Adm/Gen Expense		166.67
	592-444-745.000	Power & Pumping		58.87
	588-588-921.000	Friendship Station		3.63
VERIZON WIRELESS			Invoice Amount:	\$4,016.41
November 2019 Wireless Billing Acct #2 MI DEAL			Check Date:	11/06/2019
	592-291-853.000	DPW		3,459.28
	101-201-853.000	Info services wireless devices		0.22
	101-336-853.000	Fire wireless devices		200.05
	101-691-853.000	Park foreman wireless device iPad		40.01
	588-588-853.000	Friendship Station		84.59
	101-325-853.000	Dispatch		142.16
	226-226-853.000	Solid Waste - Sarah Visel		52.09
	805-805-970.005	Sidewalk Inspec. I-Pad		38.01
VERIZON WIRELESS			Invoice Amount:	\$1,496.29
November 2019 Wireless Billing Acct #1 - 585762			Check Date:	11/06/2019
	592-172-853.000	DPW wireless devices		100.74
	101-201-853.000	Info services wireless devices		61.30
	101-336-853.000	Fire wireless devices		142.61
	101-691-853.000	Park foreman wireless device		50.69
	101-253-853.000	Treasurer Wireless Service		51.30
	101-305-853.000	Police Dept. wireless service		792.61
	101-371-853.000	Building Dept. Wireless Services		297.04
WOW! BUSINESS			Invoice Amount:	\$11.41
Police Dept. Service Chgs - October 2019 Acct. #			Check Date:	11/06/2019
	101-305-921.000	Police Dept. October 2019		11.41
Total Amount to be Disbursed:				\$34,742.02

Charter Township of Plymouth

AP Invoice Listing - Board Report

F. Bond Page: 10/1/2019

VENDOR INFORMATION

INVOICE INFORMATION

35TH DISTRICT COURT			Invoice Amount:	\$500.00
BOND RECEIPT 10-21-2019			Check Date:	11/02/2019
	702-100-087.000	BOND RECEIPT NUMBER 8400		500.00
35TH DISTRICT COURT			Invoice Amount:	\$500.00
BOND RECEIPT 10-18-2019			Check Date:	11/02/2019
	702-100-087.000	BOND RECEIPT NUMBER 8399		500.00
Total Amount to be Disbursed:				\$1,000.00

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Charter Township of Plymouth
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Refunds by 10/30/19

VENDOR INFORMATION

INVOICE INFORMATION

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,337.50
BD Bond Refund			Check Date:	10/28/2019
	701-100-202.701	BE19-0007		2,337.50
SIMPLIFILE, LC			Invoice Amount:	\$42.00
BD Bond Refund			Check Date:	10/28/2019
	701-100-202.701	BE18-0005		42.00
SIMPLIFILE, LC			Invoice Amount:	\$3.00
BD Bond Refund			Check Date:	10/28/2019
	701-100-202.701	BE18-0005		3.00
SIMPLIFILE, LC			Invoice Amount:	\$45.00
BD Bond Refund			Check Date:	10/28/2019
	701-100-202.701	BE18-0024		45.00
RAM Construction Services			Invoice Amount:	\$600.00
BD Bond Refund			Check Date:	10/28/2019
	701-100-202.701	BBD19-0016 - PSW19-0040		600.00
KRAMER, JEFFREY- KIMBERLEY			Invoice Amount:	\$1,071.01
2019 Sum Tax Refund R-78-033-01-0001-000			Check Date:	10/28/2019
	703-000-202.000	ACCOUNTS PAYABLE		1,061.89
	703-100-179.000	INTEREST EARNED		9.12
Total Amount to be Disbursed:				\$4,098.51

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Charter Township of Plymouth
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Weekly page 11 of 11
 10/30/19

VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL

Defined Contribution - PAYDATE 10-25-2019 (see

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:

\$6,147.26

Check Date:

10/30/2019

1,986.45

1,574.31

2,586.50

A T & T

AT&T - Telephone Allocation October 2019 - IP FL

101-201-853.000

101-209-853.000

101-371-853.000

101-336-853.000

101-305-853.000

101-171-853.000

101-253-853.000

101-215-853.000

101-371-853.500

101-325-853.000

101-265-854.000

101-691-853.000

592-172-853.000

Information Services

Assessing

Building

Fire

Police

Supervisor

Treasurer

Clerk

Community Development

Dispatch

Water/Sewer (Util)

Park

Gen Expense Tel

Invoice Amount:

\$825.75

Check Date:

10/30/2019

56.47

33.72

93.99

148.37

150.31

87.87

74.97

43.77

34.98

56.54

13.43

10.52

20.81

A T & T

AT&T - Telephone Allocation Oct. 2019- 50MB 83

101-201-853.000

101-209-853.000

101-371-853.000

101-336-853.000

101-305-853.000

101-171-853.000

101-253-853.000

101-215-853.000

101-371-853.500

101-325-853.000

101-265-854.000

101-691-853.000

592-172-853.000

Information Services

Assessing

Building

Fire

Police

Supervisor

Treasurer

Clerk

Community Development

Dispatch

Water/Sewer (Util)

Park

Gen Expense Tel

Invoice Amount:

\$698.93

Check Date:

10/30/2019

47.79

28.54

79.55

125.58

127.22

74.38

63.45

37.06

29.61

47.86

11.36

8.90

17.63

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:

\$3,973.64

Check Date:

10/30/2019

2,360.95

729.75

882.94

BASIC

Monthly Fee for COBRA Administration (per Perso

101-290-818.000

Mthly Fee for COBRA (per person)

Invoice Amount:

\$60.00

Check Date:

10/30/2019

60.00

COMCAST

Internet - October 2019 -- Acct 8529 10 216 1899

101-265-854.000

588-588-921.000

Senior Ctr Internet

Senior Trans Internet

Invoice Amount:

\$175.69

Check Date:

10/30/2019

165.15

10.54

COMCAST

Internet Port Street - November 2019-- Acct 852

592-291-805.000

Internet - Port Street

Invoice Amount:

\$146.85

Check Date:

10/30/2019

146.85

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

COMCAST		Invoice Amount:	\$166.85
Internet - October 2019 Acct 8529 10 216 147285		Check Date:	10/30/2019
101-290-941.000	October 2019 Internet (Gen)		166.85
CONSUMERS ENERGY		Invoice Amount:	\$151.68
Monthly Chgs - November 2019 DPW ONLY		Check Date:	10/30/2019
592-172-921.000	DPW-ACCT. # 1000-2645-6283		133.29
592-172-921.000	DPW - ACCT. 3 1000-2645-6408		18.39
CONSUMERS ENERGY		Invoice Amount:	\$193.90
Monthly Charges - October 2019 (details below)		Check Date:	10/30/2019
101-265-854.000	Township Hall - 1000 257103478		52.51
588-588-921.000	Friendship Station 1000 2571-3478		3.35
101-691-921.000	Twp. Park 1000 257103262		22.38
101-336-921.000	Fire Station #2 - 1000 2571-3403		115.66
DTE ENERGY		Invoice Amount:	\$507.32
Baseball Diamonds September 2019-- 9100-157-6		Check Date:	10/30/2019
101-691-921.000	Baseball Diamonds		507.32
HONKE, ANITA		Invoice Amount:	\$135.50
Medicare Part B - November 2019		Check Date:	10/30/2019
101-336-714.000	Medicare Part B November 2019		135.50
I.A.F.F. - LOCAL 1496		Invoice Amount:	\$3,540.00
#900536 IAFF Dues-October 2019 (detail attache		Check Date:	10/30/2019
101-100-232.020	October 2019 Union Dues		3,540.00
KNUPP, LINDA		Invoice Amount:	\$135.50
Medicare Part B November 2019		Check Date:	10/30/2019
101-336-714.500	Medicare Part B November 2019		135.50
M E R S		Invoice Amount:	\$116,207.31
MERS - September 2019 Employee AND Employer		Check Date:	10/30/2019
101-100-231.030	COAM - Employee Contrib.		2,756.02
101-100-231.030	POAM - Employee Contrib		9,381.59
101-100-231.020	FIRE - Employee Contrib.		8,999.33
101-100-231.050	DISPATCH - Employee Contrib		3,571.33
101-305-714.030	COAM - Employer Contrib		12,473.04
101-305-714.030	POAM - Employer Contrib		24,398.00
101-336-714.020	FIRE - Employer Contrib		47,349.00
101-325-714.050	DISPATCH - Employer Contrib		7,279.00
MAAS, CARLAS		Invoice Amount:	\$176.20
Medicare Part B November 2019		Check Date:	10/30/2019
101-336-714.000	Medicare Part B - November 2019		176.20
JOHN HANCOCK LIFE INSURANCE CO.		Invoice Amount:	\$4,987.74
10-25-19- EMPLOYEE CONTRIB (spreadsheet att		Check Date:	10/30/2019
101-100-231.000	Employee Contribution (EEMBT)(EEVND)		4,987.74
JOHN HANCOCK LIFE INSURANCE CO.		Invoice Amount:	\$16,405.17
10/25/19- EMPLOYER PEN MATCH (spreadsheet		Check Date:	10/30/2019
588-588-714.010	Friendship Station (Boyce)		236.36
101-171-714.010	Supervisor's Office		999.30
101-201-714.010	IT Services (Janks)		577.44
101-215-714.010	Clerk's Office		1,306.22

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

101-253-714.010	Treasurer's Office	954.29
101-305-714.010	Police Dept.	646.99
101-325-714.010	Dispatch (Bonadeo)	294.19
101-336-714.020	Fire Dept	4,533.12
101-336-714.010	Fire (Admin) (Jowsey)	256.03
101-371-714.010	Building Dept.	1,259.15
101-265-714.010	Township Hall (Haack)	238.39
592-172-714.010	Public Services (Kline, Latawiec, Martin)	837.23
226-226-714.010	Solid Waste (Visel)	323.66
592-291-714.040	DPW	2,625.12
592-291-714.010	DPW (Fellrath & Hamann)	1,010.33
101-262-714.010	Elections (Paula Jefferson)	307.35

NATIONWIDE RET SOL USCM/MIDWEST

Pay ending 10/20/19- spreadsheet and invoice at
101-100-239.000

Contributions for pay ending 10/20/19

Invoice Amount: \$15,053.36
Check Date: 10/30/2019
15,053.36

A T & T LONG DISTANCE

Long Distance Allocation September 2019

101-201-853.000	-info services	0.30
101-209-853.000	Assessing	0.18
101-371-853.000	Building	0.50
101-336-853.000	Fire	0.79
101-171-853.000	Supervisor	0.47
101-253-853.000	Treasurer	0.40
101-215-853.000	Clerk	0.23
101-371-853.500	Community Development (Planning)	0.19
101-325-853.000	Dispatch	0.30
101-265-854.000	Township Hall	0.07
101-691-853.000	Park	0.06
592-172-853.000	DPW	0.11
101-305-853.000	Police	0.81

Invoice Amount: \$4.41
Check Date: 10/30/2019

VERIZON WIRELESS

Verizon - Cell Phones for Park & Fire (Acct. #3)

101-691-853.000	Park Cell phone
101-336-853.000	Fire - (Lifepacks)

Invoice Amount: \$89.25
Check Date: 10/30/2019
40.01
49.24

Total Amount to be Disbursed: \$169,782.31

Charter Township of Plymouth
AP Invoice Listing - Board Report

Weekly - as of 10/23/17

VENDOR INFORMATION

INVOICE INFORMATION

A T & T			Invoice Amount:	\$966.94
AT&T - Telephone October 2019	Acct. 831-0 101-325-853.400	October 2019 Comm/Lockup Phone	Check Date:	10/23/2019
				966.94
COMCAST			Invoice Amount:	\$61.67
Internet - NOVEMBER 2019	Xfinity Acct 8529 101-290-941.000	October 2019 Internet	Check Date:	10/23/2019
				61.67
COMCAST			Invoice Amount:	\$104.85
Internet - October 2019	Acct 8529 10 2 101-336-921.000	October Fire Internet	Check Date:	10/23/2019
				104.85
CONSUMERS ENERGY			Invoice Amount:	\$14.47
Monthly Chgs - Sept 2019	Service @ 47755 Five 592-444-745.000	Acct #1000-6777-1970-- 47755 5Mile Road	Check Date:	10/23/2019
				14.47
Total Amount to be Disbursed:				\$1,147.93

Charter Township of Plymouth

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+ Bonds #10123117

VENDOR INFORMATION
INVOICE INFORMATION

35TH DISTRICT COURT		Invoice Amount:		\$300.00
BOND RECEIPT 10-16-2019		Check Date:		10/26/2019
	702-100-087.000	BOND RECEIPT NUMBER 8396		300.00
35TH DISTRICT COURT		Invoice Amount:		\$300.00
BOND RECEIPT 10-15-2019		Check Date:		10/26/2019
	702-100-087.000	BOND RECEIPT NUMBER 8395		300.00
35TH DISTRICT COURT		Invoice Amount:		\$100.00
BOND RECEIPT 10-17-2019		Check Date:		10/26/2019
	702-100-087.000	BOND RECEIPT NUMBER 8397		100.00
Total Amount to be Disbursed:				\$700.00

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Charter Township of Plymouth
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INVOICE INFORMATION

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,050.00
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BPZ19-0006 - PB19-0322		2,050.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$862.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0017		862.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$4,309.75
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0008		4,309.75
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$5,097.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE19-0002		5,097.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$18,480.75
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE19-0004		18,480.75
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,088.25
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE19-0008		2,088.25
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$665.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE19-0012		665.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$181.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0024		181.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,694.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0053		2,694.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$302.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0004		302.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$5,667.00
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0028		5,667.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$897.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0006		897.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$121.00
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0052		121.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$7,314.50
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE19-0006		7,314.50

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INVOICE INFORMATION

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$726.00
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE19-0009		726.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$210.00
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0023		210.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$23,335.00
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0021		23,335.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$119.25
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0001		119.25
SIMPLIFILE, LC			Invoice Amount:	\$42.00
BD Bond Refund			Check Date:	10/21/2019
	701-100-202.701	BE18-0004		42.00
Total Amount to be Disbursed:				\$75,165.00

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Board Meeting 10/16/17

VENDOR INFORMATION

INVOICE INFORMATION

✓ Map Electric		Invoice Amount:		\$350.00
✓ Lights at ball diamonds @ Twp. Park - replace fus		Check Date:		10/22/2019
	101-691-931.000	Inv 2685		350.00
✓ ADVANCED DISPOSAL		Invoice Amount:		\$821.00
✓ TWP FACILITIES - OCT 2019 FEES		Check Date:		10/22/2019
	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 TRASH/RECYCLE		134.00
	101-336-776.000	FIRE STN 2 TRASH		25.00
	101-265-815.000	FRIENDSHIP STATION TRASH		25.00
✓ A.S.C., INC		Invoice Amount:		\$2,445.00
✓ Inv. 46981 9/18/19 CCTV Service Agreement Qua		Check Date:		10/22/2019
	101-305-818.000	Coverage Period 10/1/19 - 12/31/19		2,445.00
✓ ALLIE BROTHERS UNIFORMS		Invoice Amount:		\$610.96
✓ UNIFORM, ORDINANCE OFFICER		Check Date:		10/22/2019
	101-371-758.000	INVOICE 77282 FOR DAN ATKINS		610.96
✓ B & R JANITORIAL SUPPLY		Invoice Amount:		\$2,007.96
✓ janitorial supplies		Check Date:		10/22/2019
	101-336-776.000	FACIAL TISSUE LIVI 30 100+	2100272	38.22
	101-336-776.000	EZ FOAM HAIR & BODY 1000ML 6CS	KPC6804	64.95
	101-336-776.000	EZ FOAM DISP DOVE GRAY	KPC9941	0.01
	101-336-776.000	DIAL DEODERANT BAR SOAP	DIA0091	93.13
	101-336-776.000	FEBREZE AIR, CRISP CLEAN	PGC9625	40.83
	101-336-776.000	CHAMP DISINFECTANT CAN	CHS5157	6.17
	101-336-776.000	HUSKY 320 NON ACID CAN320QUART		42.70
	101-336-776.000	NON-PARA EXTRA DUTY URINAL SCREEN		35.98
	101-336-776.000	URINAL SCREEN - RED HOS03901		22.68
	101-336-776.000	URINAL MAT 2.0 - BLACKBWKUMBW		56.00
	101-336-776.000	BOWL MOP 160 40070700EACH		3.32
	101-336-776.000	PK LEMON DROP 800ML BAG-IN-BOX 1003121		198.03
	101-336-776.000	OCEANS 800ML SOAP DISPENSER (BLACK)		32.10
	101-336-776.000	SOYL REFILL 4000ML 10031340CASE		66.48
	101-336-776.000	SOYL STARTER PAK 10031330KIT		33.23
	101-336-776.000	PUREX CONCENTRATE LIQUID LAUNDRY		432.15
	101-336-776.000	PUMP ECON 1 OZ FOR PAIL 904A		26.10
	101-336-776.000	ARO-BRITE LIQ LAUNDRY	ACP476G	17.44
	101-336-776.000	BLEACH 10005800		11.37
	101-336-776.000	SHOUT STAIN REMOVER SPRAY	DVOCB0	132.96
	101-336-776.000	ARM & HAMMER ESSENTIALS SHEETS CDC3320		48.43
	101-336-776.000	CENTERPULL TWL 2 PLY 6400+	2100081	41.31
	101-336-776.000	SUNSHINE LEMON DISH SOAP	ACP162G	15.67
	101-336-776.000	MEDIUM DUTY SPONGE SCRUBBER	BWK174	24.40
	101-336-776.000	CASCADE ACTION PACS DISH-20 COUNT		23.74
	101-336-776.000	HOUSEHOLD PERFORATED PAPER TOWEL		151.92
	101-336-776.000	CLOROX WIPES LEMON CLO01594CT		49.38
	101-336-776.000	CHAMP STAINLESS STEEL SPRAY CANCHS5197		7.30
	101-336-776.000	33G 3339 1.5 MIL BLACK R-39XH	2100420	19.66
	101-336-776.000	55G 3858 1.5 MIL BLACK R-47XH	2100450	34.62
	101-336-776.000	WINDEX GLASS CLEANER - BAG IN BOX		53.18
	101-336-776.000	EMPTY QUART BOTTLE IMP5032HEACH		1.89

Charter Township of Plymouth

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101-336-776.000	TRIGGER STANDARD QUART	TRIGSTD	0.95
101-336-776.000	MOP SUPERLOOP MD BLUE 502	4009560	10.92
101-336-776.000	EZ-SEVEN NEUTRAL CLEANER	1000028	10.92
101-336-776.000	EZ-PURPLE HD DEGREASER	1000023	34.47
101-336-776.000	CLOROX ALL-PURP DISINF SPRY	CLO0803	49.86
101-336-776.000	360 DUSTER, PLACTIC HANDLE EXTENDS		18.51
101-336-776.000	360 DUSTER REFILL - 6 CT	PGC2162	56.98

BADER & SONS CO.

Invoice Amount: \$283.90

✓ Inv. # 813942 Gator front tires (2 wheel drive) --
101-691-863.000

Gator tires

Check Date: 10/22/2019
283.90

Bidigare Contractors, Inc.

Invoice Amount: \$39,791.32

✓ WATER MAIN BREAK REPAIR FOR 47501 N TERRI
592-291-932.000

WATER MAIN BREAK REPAIR 47501 N TERRIT

Check Date: 10/22/2019
39,791.32

BLACKWELL FORD INC.

Invoice Amount: \$432.47

✓ AUTO REPAIR FORD EXPLORER 2003

101-371-863.000 INVOICE 353717

Check Date: 10/22/2019
432.47

BLACKWELL FORD INC.

Invoice Amount: \$936.68

✓ Invoice #354330 4 tires, safety insp. 2 wheel align
592-291-863.000 labor
592-291-863.000 parts
592-291-863.000 misc

Check Date: 10/22/2019
159.95
758.36
18.37

BLACKWELL FORD INC.

Invoice Amount: \$1,464.36

✓ #354667 10/8/19 TIRES BRAKES OIL CHANGE A
592-291-863.000

PARTS AND LABOR

Check Date: 10/22/2019
1,464.36

BLACKWELL FORD INC.

Invoice Amount: \$75.63

✓ Inv. 355091 10/3/19 - Vehicle Repair/129715
101-305-863.000

Repair R/R Tire/Oil Change

Check Date: 10/22/2019
75.63

BLACKWELL FORD INC.

Invoice Amount: \$613.91

✓ Inv. 354911 10/4/19 - Vehicle Repair/B68428
101-305-863.000

Replace App Sensor/Frt & Rear TPMS Senso

Check Date: 10/22/2019
613.91

CDW GOVERNMENT INC

Invoice Amount: \$456.59

✓ Fujitsu ScanSnap iX1500 Color Duplex Document
101-305-727.000

Mfg. Part #PA03770-B005

Check Date: 10/22/2019
456.59

CODE SAVVY CONSULTANTS LLC

Invoice Amount: \$875.00

✓ PLAN REVIEW FIRE ALARM, BURROUGHS 1ST FL
101-371-818.000

INVOICE 1557

Check Date: 10/22/2019
875.00

CODE SAVVY CONSULTANTS LLC

Invoice Amount: \$500.00

✓ PLAN REVIEW FIRE ALARM SYSTEM, BURROUGH
101-371-818.000

INVOICE 1558

Check Date: 10/22/2019
500.00

CODE SAVVY CONSULTANTS LLC

Invoice Amount: \$535.00

✓ SPRINKLER SYSTEM PLAN REVIEW, UNITED ROA
101-371-818.000

INVOICE 1539

Check Date: 10/22/2019
535.00

CODE SAVVY CONSULTANTS LLC

Invoice Amount: \$510.00

✓ PLAN REVIEW FOR FIRE ALARM, COMPREHENSIV
101-371-818.000

INVOICE 1546

Check Date: 10/22/2019
510.00

Charter Township of Plymouth

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VENDOR INFORMATION

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✓	CODE SAVVY CONSULTANTS LLC SPRINKLER SYSTEM PLAN REVIEW, AIDENT COE 101-371-818.000	INVOICE 1545	Invoice Amount: Check Date:	\$790.00 10/22/2019 790.00
✓	CODE SAVVY CONSULTANTS LLC SPRINKLER SYSTEM PLAN REVIEW FOR BRUGLA 101-371-818.000	INVOICE 1554 45555 PORT STREET	Invoice Amount: Check Date:	\$780.00 10/22/2019 780.00
✓	CORPORATE CLEANING GROUP INC MONTHLY CLEANING 592-172-776.000 101-265-858.000	INVOICE 8039 INVOICE 8039	Invoice Amount: Check Date:	\$405.00 10/22/2019 271.00 134.00
✓	CORPORATE CLEANING GROUP INC MONTHLY CLEANING AUGUST 101-305-776.000 101-336-776.000 592-172-776.000 101-265-776.000 101-325-818.400	INVOICE 8059 INVOICE 8059 INVOICE 8059 INVOICE 8059 INVOICE 8059 HAZMAT	Invoice Amount: Check Date:	\$2,691.50 10/22/2019 915.00 83.00 187.00 894.00 612.50
✓	CORRIGAN OIL COMPANY Fuel #6901801 10/2/19 592-291-863.000 592-291-863.000 592-291-863.000 592-291-863.000	Dyed Ultra Low Sulfur #2 Mix Fuel Tax Recap Environmental Fee GE87 GAS-ETHANOL	Invoice Amount: Check Date:	\$2,208.31 10/22/2019 871.82 10.73 6.95 1,318.81
✓	DANULOFF, LYLE D., PHD. Police Officer Applicant Psychological Evaluation o 101-305-818.000	Evaluation for hire - Bradley Vaughan	Invoice Amount: Check Date:	\$600.00 10/22/2019 600.00
✓	DANULOFF, LYLE D., PHD. Police Officer Applicant Psychological Evaluation o 101-305-818.000	Evaluation for hire - Robert Numm	Invoice Amount: Check Date:	\$600.00 10/22/2019 600.00
✓	DELWOOD SUPPLY CO. Parks - repair parts for toilets - Invoice # 78549 (101-691-978.000	Toilet Repair Parts	Invoice Amount: Check Date:	\$61.56 10/22/2019 61.56
✓	Douglass Safety Systems, LLC Thermal Imaging camera 101-336-978.001	Thermal Imaging Camera Flir K-45	Invoice Amount: Check Date:	\$3,618.80 10/22/2019 3,618.80
✓	DON'S SMALL ENGINE Parks - Battery for Workman - Invoice # 49277 at 101-691-931.500	Inv. # 49277	Invoice Amount: Check Date:	\$49.84 10/22/2019 49.84
✓	EJ USA, INC. HYDRANT CONVERSION KITS #00308386 592-291-934.000	EJ 6BR35 CONVERSION SEAT KIT AD	Invoice Amount: Check Date:	\$5,436.60 10/22/2019 5,436.60
✓	EctoHR, Inc. EctoHR - September 2019 Services - Invoice # 1 101-171-818.200	9 -19 Services - Inv 10820	Invoice Amount: Check Date:	\$6,825.00 10/22/2019 6,825.00

Charter Township of Plymouth

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✓ ESRI, INC.		Invoice Amount:		\$5,100.00
Maintenance Renewal 12/2019 - 12/2020		Check Date:		10/22/2019
	592-172-973.010	Maintenance Renewal 12/2019 - 12/2020		5,100.00
✓ ETNA SUPPLY		Invoice Amount:		\$4,432.00
repair clamps		Check Date:		10/22/2019
	592-291-932.000	romac repair clamp x16"		1,388.00
	592-291-932.000	romac repair clamp x 24"		2,284.00
	592-291-932.000	romac repair clamp 7.24 x 16		760.00
✓ FELLRATH, PATRICK		Invoice Amount:		\$82.94
Mileage Reimbursement Sep - 19		Check Date:		10/22/2019
	592-291-863.000	Mileage Reimbursement Sep - 19		82.94
✓ FELL, CYNTHIA		Invoice Amount:		\$10.97
Reimbursement for Meal at Training		Check Date:		10/22/2019
	101-325-960.000	Lunch - MSP Training		10.97
✓ GHD, Inc.		Invoice Amount:		\$8,266.23
Cityworks - Implementation		Check Date:		10/22/2019
	592-172-820.000	Data management System CityWorks		8,266.23
✓ GHD, Inc.		Invoice Amount:		\$1,718.75
Condition Assessment 95 assets		Check Date:		10/22/2019
	592-291-938.000	Condition Assessment 95 assets		1,718.75
✓ GFL Environmental USA, Inc.		Invoice Amount:		\$723.25
DPW STREET SWEEPING DEBRIS		Check Date:		10/22/2019
	592-291-973.033	TEMP DUMPSTERS-STREET SWEEPING 09/17/1		350.00
	592-291-973.033	14.93 TONS - DISPOSAL FEE - \$25/TON		373.25
✓ GFL Environmental USA, Inc.		Invoice Amount:		\$390.00
DPW RECYCLE CENTER		Check Date:		10/22/2019
	226-226-810.500	09/23/19 - CARDBOARD/PAPER		195.00
	226-226-810.500	09/23/19 - PLASTICS/TIN		195.00
✓ GFL Environmental USA, Inc.		Invoice Amount:		\$103,488.00
SEP 2019 - RESIDENTIAL COLLECTION FEE		Check Date:		10/22/2019
	226-226-810.000	SEP 2019 TRASH		66,880.00
	226-226-810.000	SEP 2019 RECYCLING		18,656.00
	226-226-810.000	SEP 2019 YARD WASTE		17,952.00
✓ Hallahan & Associates, PC		Invoice Amount:		\$3,990.64
Assessing Legal Services September 2019 (see de		Check Date:		10/22/2019
	101-209-826.000	Assessing Legal Services-Inv# 16686		3,990.64
✓ HEMMING, POLACZYK, CRONIN, SMITH,		Invoice Amount:		\$9,335.38
Legal Services August 2019 services (KEVIN BEN ✓		Check Date:		10/22/2019
	101-290-825.000	Ordinance Prosecutions		3,031.88
	101-290-827.000	Community Development		1,968.75
	101-290-826.000	Admin		3,780.00
	101-290-826.000	Misc.		3.50
	101-290-826.000	Building Dept.		183.75
	101-290-826.000	Cable		26.25
	101-290-826.000	Water & Sewer		341.25

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✓ HYDRO CORP			Invoice Amount:	\$1,779.00
Cross Connection Control program September 20			Check Date:	10/22/2019
592-291-804.000	Cross Connection Control program Sep19			1,779.00
✓ RICOH USA, INC.			Invoice Amount:	\$341.89
Ricoh Service Agreement 4th Q 19			Check Date:	10/22/2019
592-172-818.000	Ricoh 10/1/19 to 12/31/19			263.54
101-253-818.000	Ricoh 10/1/19 tp 12/31/19			78.35
✓ Inman, Richard			Invoice Amount:	\$25.00
Reim for Paramedic License			Check Date:	10/22/2019
101-336-960.000	Reimbursement for Paramedic Lic renewal			25.00
✓ IRON MOUNTAIN			Invoice Amount:	\$231.82
Offsite Storage - October 2019			Check Date:	10/22/2019
101-215-818.000	Offsite Storage-Oct 2019			231.82
✓ J & B MEDICAL SUPPLY INC			Invoice Amount:	\$570.94
medical supplies			Check Date:	10/22/2019
101-336-836.000	OWEN MUMFORD UNISTIK 3 PRE-SET SINGLE			45.90
101-336-836.000	FRONTLINE 12 NITRILE EXAM GLOVES, powde			152.60
101-336-836.000	GD50 BLOOD GLUCOSE TEST STRIPS, 50/Box			82.50
101-336-836.000	FRONTLINE 12 NITRILE EXAM GLOVES, powde			152.60
101-336-836.000	FRONTLINE 12 NITRILE EXAM GLOVES, powde			137.34
✓ J & B MEDICAL SUPPLY INC			Invoice Amount:	\$262.61
medical supplies			Check Date:	10/22/2019
101-336-836.000	COV504000 COVIDIEN FILAC 3000 THERMOME			262.61
✓ JANKS, ROBERT			Invoice Amount:	\$328.28
Mileage thru Sept 2019			Check Date:	10/22/2019
101-201-727.000	Mileage thru Sept 2019			328.28
✓ KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$1,650.00
Tech Support - Server OS upgrades - Inv# 13809			Check Date:	10/22/2019
101-290-941.000	Server OS Upgrades			1,650.00
✓ KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$900.00
Tech Support - VMware - server upgrade - Invoic			Check Date:	10/22/2019
101-290-941.000	VMware upgrade for host servers			900.00
✓ KNIGHT TECHNOLOGY GROUP, INC.			Invoice Amount:	\$150.00
Firewall Monitoring Oct 2019 - Invoice# 13882			Check Date:	10/22/2019
101-290-941.000	Firewall Monitoring - Oct 2019			150.00
✓ KONICA MINOLTA BUSINESS SOLUTIONS			Invoice Amount:	\$110.94
Inv. 9006090262 9/25/19 Maint. Agreement - Biz			Check Date:	10/22/2019
101-305-851.000	8/26/19 - 9/25/19 coverage dates			110.94
✓ Kushner, Cynthia			Invoice Amount:	\$3,975.00
Contractual Services for September 2019			Check Date:	10/22/2019
101-215-818.000	Phone Call & Email 9/4			150.00
101-215-818.000	Phone Call 9/5			75.00
101-215-818.000	Review Budget Workpaper Offsite 9/6			150.00
101-215-818.000	2:15 pm - 9:15 pm 9/9			1,050.00
101-215-818.000	2:30 pm - 6:30 pm 9/19			600.00
101-215-818.000	9:30 am - 4:30 pm 9/20			1,050.00

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<i>101-215-818.000</i>	<i>3:30 pm - 7:30 pm 9/23</i>	<i>600.00</i>
<i>101-215-818.000</i>	<i>7:00 pm - 9:00 pm 9/24</i>	<i>300.00</i>

AutoZone ✓ INVOICE #4382363784 10/4/19 battery for truck <i>592-291-863.000</i> <i>battery terminal</i> <i>592-291-863.000</i> <i>battery</i>	Invoice Amount: Check Date:	\$154.56 10/22/2019 <i>1.57</i> <i>152.99</i>
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AutoZone ✓ INVOICE #4382363787 10/4/19 for water service <i>592-291-863.000</i> <i>stethoscope</i>	Invoice Amount: Check Date:	\$10.99 10/22/2019 <i>10.99</i>
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AutoZone ✓ DPW CREDIT - BATTERY CORE RETURN -ORIG I <i>592-291-863.000</i> <i>AUTO EXPENSE/LEASE</i>	Invoice Amount: Check Date:	\$(18.00) 10/22/2019 <i>(18.00)</i>
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AutoZone ✓ DPW - CREDIT BATTERY CORE RETURN - ORIG I <i>592-291-863.000</i> <i>AUTO EXPENSE/LEASE</i>	Invoice Amount: Check Date:	\$(44.00) 10/22/2019 <i>(44.00)</i>
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AutoZone ✓ INVOICE #4382359722 replacement battery for # <i>592-291-863.000</i> <i>duralast gold battery</i> <i>592-291-863.000</i> <i>battery terminal</i>	Invoice Amount: Check Date:	\$149.56 10/22/2019 <i>147.99</i> <i>1.57</i>
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MAPLES ENVIRONMENTAL PEST CONTROL ✓ QUARTERLY PEST CONTROL FIRE STATION 2 <i>101-336-776.000</i> <i>FIRE 2 PAST CONTROL 9/27</i>	Invoice Amount: Check Date:	\$150.00 10/22/2019 <i>150.00</i>
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MAPLES ENVIRONMENTAL PEST CONTROL ✓ QUARTERLY PEST CONTROL <i>101-336-776.000</i> <i>FIRE STATION #3</i>	Invoice Amount: Check Date:	\$160.00 10/22/2019 <i>160.00</i>
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MCKENNA ASSOCIATES INC ✓ Professional Services - September 2019 - Invoic <i>101-371-818.500</i> <i>9.10 - 1/2 day on-site services (70%)</i> <i>101-371-818.500</i> <i>2.10 - Full days (70%)</i>	Invoice Amount: Check Date:	\$5,001.50 10/22/2019 <i>3,458.00</i> <i>1,543.50</i>
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MICHIGAN MUNICIPAL LEAGUE ✓ Lmt Association Member dues for 7/1/19 - 6/30/ <i>101-290-958.000</i> <i>Lmt Assn. dues 2019-20</i>	Invoice Amount: Check Date:	\$200.00 10/22/2019 <i>200.00</i>
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MICHIGAN LINEN SERVICE ✓ Uniforms 10/4/19 #414777 <i>592-172-758.000</i> <i>10/4/19</i>	Invoice Amount: Check Date:	\$84.35 10/22/2019 <i>84.35</i>
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OFFICE DEPOT ✓ Inv. 381638714001 9/24/19 - Office Supplies for <i>101-305-727.000</i> <i>Super Glue</i> <i>101-305-727.000</i> <i>Profile Pens</i> <i>101-305-727.000</i> <i>DVD+R</i>	Invoice Amount: Check Date:	\$158.10 10/22/2019 <i>11.18</i> <i>31.36</i> <i>115.56</i>
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OFFICE DEPOT ✓ OFFICE SUPPLIES <i>101-371-727.000</i> <i>#328644560-001</i>	Invoice Amount: Check Date:	\$24.99 10/22/2019 <i>24.99</i>
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Charter Township of Plymouth
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VENDOR INFORMATION

INVOICE INFORMATION

✓ OFFICE DEPOT			Invoice Amount:	\$205.98
STEEL WIRE ROLL FILE			Check Date:	10/22/2019
	101-371-727.000	ITEM 402541		205.98
✓ OFFICE DEPOT			Invoice Amount:	\$100.28
office supplies			Check Date:	10/22/2019
	101-336-727.000	laminated pouches		49.11
	101-336-727.000	post it pop ups		23.24
	101-336-727.000	Papermate pens		27.93
✓ OFFICE DEPOT			Invoice Amount:	\$13.79
office supplies			Check Date:	10/22/2019
	101-371-000.000	Att. records		13.79
✓ OFFICE DEPOT			Invoice Amount:	\$47.21
OFFICE SUPPLIES			Check Date:	10/22/2019
	101-371-727.000	DELIVERY ORDER: # 328644561-001		47.21
✓ OFFICE DEPOT			Invoice Amount:	\$(10.19)
CREDIT FOR DUP INVOICES - 354340595001/346			Check Date:	10/22/2019
	101-336-727.000	OFFICE SUPPLIES		(10.19)
✓ OFFICE DEPOT			Invoice Amount:	\$28.72
Ret Address labels, Counter Pens, Reinforcing Stri			Check Date:	10/22/2019
	101-215-727.000	Return Addr Labels		26.38
	101-215-727.000	Counter Pens		2.34
✓ OFFICE DEPOT			Invoice Amount:	\$26.19
Ret Address labels, Counter Pens, Reinforcing Stri			Check Date:	10/22/2019
	101-215-727.000	Reinforcing Strips		26.19
✓ ORCHARD, HILTZ, & MCCLIMENT, INC.			Invoice Amount:	\$2,381.75
Plymouth Meadows SAD Preliminary			Check Date:	10/22/2019
	805-805-970.400	Plymouth Meadows SAD Preliminary		2,381.75
✓ PITNEY BOWES			Invoice Amount:	\$1,211.82
60 months quarterly lease (to own) payment			Check Date:	10/22/2019
	101-215-978.001	60 mos/qtrly lease pmts		1,031.82
	101-253-978.500	60 mos/qtrly lease pmts		180.00
✓ CHARTER TWSP OF PLYMOUTH			Invoice Amount:	\$2,553.95
Senior Transportation - September 2019			Check Date:	10/22/2019
	101-955-885.000	Sept. 2019 - Senior Trans. Exp.		2,553.95
✓ POSITIVE PROMOTIONS INC			Invoice Amount:	\$2,162.13
Special Events items hats, books, bracelets, etc.			Check Date:	10/22/2019
	101-336-885.000	Special Event items hats, books, crayons		1,965.80
	101-336-885.000	Shipping & Handling		196.33
✓ PRINTING SYSTEMS INC			Invoice Amount:	\$266.18
Election supplies and forms			Check Date:	10/22/2019
	101-262-727.000	Pads of Nominatubg Petition #401		97.50
	101-262-727.000	Pads of Nominating Petitions #407		32.50
	101-262-727.000	Pads of Nominating Petitions #413		32.50
	101-262-727.000	Packs of Pct Del WI Candidates #567		27.00
	101-262-727.000	Write In Candidate Dec of Intent #565		42.00
	101-262-727.000	Receipt of Nom Pet and withdrawal #420		20.00

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INVOICE INFORMATION

	101-262-727.000	Shipping	14.68
✓ RELIABLE LANDSCAPING INC.		Invoice Amount:	\$63.00
Restorations #29730 9/23/19		Check Date:	10/22/2019
	592-291-932.000	3 YARDS OF TOPSOIL	63.00
✓ RELIABLE LANDSCAPING INC.		Invoice Amount:	\$42.00
Restorations #29738 9/30/19		Check Date:	10/22/2019
	592-291-932.000	2 YARDS OF TOPSOIL	42.00
✓ RELIABLE LANDSCAPING INC.		Invoice Amount:	\$210.00
Restorations #29740 10/1/19		Check Date:	10/22/2019
	592-291-932.000	10 YARDS OF TOPSOIL	210.00
✓ SITE ONE LANDSCAPE SUPPLY		Invoice Amount:	\$106.25
GRASS SEED FOR RESTORATIONS #94843831-00		Check Date:	10/22/2019
	592-291-932.000	DPW RESTORATIONS	106.25
✓ SPALDING DEDECKER ASSOCIATES, INC.		Invoice Amount:	\$39,982.00
Spalding DeDecker - Sept.2019 Invoice (minus Bu		Check Date:	10/22/2019
	101-371-818.500	#80860 - Monthly Retainer	500.00
	592-291-935.000	#80889- Miss Dig Design Ticket As-Bu	873.50
	101-446-818.000	#80880-2019 Sidewalk Assessment	375.00
	592-172-820.000	#80882 - Ply. Twp. GIS	5,795.00
	101-691-978.000	#80883- -Ply. Twp.Park Pathway	1,135.00
	101-290-818.000	80890-123,NET-47200 Port Street	444.50
	101-851-971.000	80879- 2018 CDBG Program	1,115.00
	101-371-818.500	80861 - Brookline-Lot Split -PLANNING	200.00
	101-371-818.500	80862- 40855 AA Rd Lot Split PLANNING	390.00
	592-172-820.000	80875-Water Tower Cathodic Protection	495.00
	101-336-776.000	80884 - FS #2	2,020.00
	101-290-818.000	80891-WOW-Serv. to 13250 Haggerty	487.00
	101-290-818.000	80892-Comcast #JB0000109130-44815 FiveM	302.50
	101-290-818.000	80893-Comcast #JB0000120362-47548 Halyar	302.50
	101-290-818.000	80894-Comcast #JB0000122109-46441 Five m	75.00
	101-290-818.000	80895-WOW-Service relocate-Verona Ct	75.00
	101-446-970.000	80991-Sidewalk Gaps	25,397.00
✓ STRYKER SALES CORPORATION		Invoice Amount:	\$810.00
Repair to Lifepak 12		Check Date:	10/22/2019
	101-336-851.000	Repair to Lifepak 12 Defibrillator	810.00
✓ Tech Tool Supply LLC		Invoice Amount:	\$97.60
Tool bag		Check Date:	10/22/2019
	101-336-978.001	Tool bag	97.60
✓ Terry Lovell DBA TNT LAWN SERVICE		Invoice Amount:	\$3,420.00
Invoice 462728- Park Services August 2019 (detai		Check Date:	10/22/2019
	101-691-818.000	Lawn Services - August 2019 - Parks	3,420.00
✓ SIMPLIFILE, LC		Invoice Amount:	\$24.00
RECORDINGFEES AT WAYNE COUNTY		Check Date:	10/22/2019
	101-290-698.200	INVOICE 15001207491	24.00
✓ VAN BUREN ELECTRIC		Invoice Amount:	\$324.00
lighting repairs station #2		Check Date:	10/22/2019
	101-336-776.000	Lighting repairs station #2	324.00

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VENDOR INFORMATION**INVOICE INFORMATION**✓ **WAYNE COUNTY**

9/19Traffic Signal Energy Invoice # 1009837

101-446-920.000

9/19 Traffic Signal Energy Inv # 1009837

Invoice Amount:**\$221.37****Check Date:****10/22/2019**

221.37

Total Amount to be Disbursed:**\$284,960.11**

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P. Bonds 10/16/19

VENDOR INFORMATION**INVOICE INFORMATION**

35TH DISTRICT COURT		Invoice Amount:	\$350.00
BOND RECEIPT 10-07-2019		Check Date:	10/19/2019
	702-100-087.000	BOND RECEIPT NUMBER 8382	300.00
	702-100-087.000	BOND RECEIPT NUMBER 8383	50.00
35TH DISTRICT COURT		Invoice Amount:	\$300.00
BOND RECEIPT 10-07-2019		Check Date:	10/19/2019
	702-100-087.000	BOND RECEIPT NUMBER 8380	300.00
35TH DISTRICT COURT		Invoice Amount:	\$5,100.00
BOND RECEIPT 10-11-2019		Check Date:	10/19/2019
	702-100-087.000	BOND RECEIPT NUMBER 8387	5,000.00
	702-100-087.000	BOND RECEIPT NUMBER 8388	100.00
35TH DISTRICT COURT		Invoice Amount:	\$2,100.00
BOND RECEIPT 10-14-2019		Check Date:	10/19/2019
	702-100-087.000	BOND RECEIPT NUMBER 8389	500.00
	702-100-087.000	BOND RECEIPT NUMBER 8390	500.00
	702-100-087.000	BOND RECEIPT NUMBER 8392	500.00
	702-100-087.000	BOND RECEIPT NUMBER 8393	300.00
	702-100-087.000	BOND RECEIPT NUMBER 8394	300.00
35TH DISTRICT COURT		Invoice Amount:	\$300.00
BOND RECEIPT 10-10-2019		Check Date:	10/19/2019
	702-100-087.000	BOND RECEIPT NUMBER 8386	300.00
35TH DISTRICT COURT		Invoice Amount:	\$400.00
BOND RECEIPT 10-09-2019		Check Date:	10/19/2019
	702-100-087.000	BOND RECEIPT NUMBER 8384	100.00
	702-100-087.000	BOND RECEIPT NUMBER 8385	300.00
Total Amount to be Disbursed:			\$8,550.00

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Refunds as of 10/16/19

VENDOR INFORMATION

INVOICE INFORMATION

SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$140.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE18-0017		140.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$225.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE18-0008		225.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,048.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE18-0053		1,048.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,557.75
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE18-0026		1,557.75
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$350.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE18-0004		350.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$280.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE18-0006		280.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$733.50
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0010		733.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,662.50
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0006		1,662.50
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$2,098.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0002		2,098.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$855.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BPZ19-0006 - PB19-0322		855.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$804.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0004		804.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,331.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0009		1,331.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$365.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0008		365.00
SPALDING DEDECKER ASSOCIATES, INC.			Invoice Amount:	\$1,003.50
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0012		1,003.50

Charter Township of Plymouth

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SIMPLIFILE, LC			Invoice Amount:	\$45.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE19-0008		45.00
SIMPLIFILE, LC			Invoice Amount:	\$132.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BE18-0028		132.00
Lakeshore Contracting Services LLC			Invoice Amount:	\$200.00
BD Bond Refund			Check Date:	10/14/2019
	701-100-202.701	BBD19-0003 - PSW19-0007		200.00
YOUNG, CHRISTOPHER - KARIN			Invoice Amount:	\$403.12
2019 Sum Tax Refund R-78-050-01-0162-000			Check Date:	10/14/2019
	703-000-202.000	ACCOUNTS PAYABLE		401.15
	703-100-179.000	INTEREST EARNED		1.97
Total Amount to be Disbursed:				\$13,233.37

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VENDOR INFORMATION

INVOICE INFORMATION

ALERUS FINANCIAL		Invoice Amount:	\$5,340.42
Defined Contribution - PAYDATE 10-11-2019 (see		Check Date:	10/16/2019
101-325-714.050	Define Contribution -Dispatch (Employer)		1,687.41
101-100-231.000	Employee Cont -all		1,372.60
101-305-714.030	Define Contribution-Police (ER)		2,280.41
AMERITAS LIFE INSURANCE CORP.		Invoice Amount:	\$3,160.88
Policy #010-048445-002 - Ameritas-RETIREE-Den		Check Date:	10/16/2019
101-290-714.500	General Retirees		623.28
101-305-714.500	Police Retirees		732.84
101-325-714.500	Dispatch Retiree		57.64
101-336-714.500	Fire Dept. Retirees		1,339.92
592-172-714.500	DPS Clerical Retiree		30.68
592-291-714.500	DPW - Retiree		376.52
AMERITAS LIFE INSURANCE CORP.		Invoice Amount:	\$5,542.44
Policy #010-048445-001 - Ameritas - ACTIVE Den		Check Date:	10/16/2019
101-171-714.000	Supervisor Dept.		30.68
101-201-714.000	Information Services		97.08
101-215-714.000	Clerk Dept.		119.00
101-253-714.000	Treasury		154.72
101-265-714.000	Twp. Hall (Haack)		57.64
101-305-714.000	Police Dept.		2,008.04
101-325-714.000	Dispatch		723.40
101-336-714.000	Fire Dept.		1,640.96
101-371-714.000	Building Dept.		212.36
588-588-714.000	Senior Trans (Boyce)		97.08
226-226-714.000	Solid Waste (Visel)		97.08
592-172-714.000	DPS Clerical		119.00
592-291-714.000	DPW - Supervisory		127.76
101-371-714.000	Building - Atkins (see note)		57.64
BLUE CROSS/BLUE SHIELD OF MICHIGAN		Invoice Amount:	\$4,518.36
Group #60671-600-211-Nov. 2019 RETIREE - BC		Check Date:	10/16/2019
101-290-714.500	General Retirees		502.04
101-305-714.500	Police Retirees		502.04
101-336-714.500	Fire Retirees		3,514.28
C.O.A.M. - PLYMOUTH TOWNSHIP		Invoice Amount:	\$363.20
COAM Union Dues - October 2019		Check Date:	10/16/2019
101-100-232.050	Fetner, William J.		72.64
101-100-232.050	Hoffman, Marc		72.64
101-100-232.050	Krebs, Ryan		72.64
101-100-232.050	Rupard, Bryan		72.64
101-100-232.050	Coffell, Steven		72.64
COMCAST		Invoice Amount:	\$231.75
Internet - October 2019 Acct 900913674		Check Date:	10/16/2019
101-691-921.000	Township Park		64.95
101-336-921.000	Fire		64.95
101-325-853.400	Telephone		101.85
JOHN HANCOCK LIFE INSURANCE CO.		Invoice Amount:	\$(0.03)
TO CREDIT - BALANCE OF WITHDRAWAL CHRIS J		Check Date:	10/16/2019
101-336-714.020	PENSION /OPEB CONTRIBUTION		(0.03)

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

JOHN HANCOCK LIFE INSURANCE CO.		Invoice Amount:	\$4,969.00
10-11-19- EMPLOYEE CONTRIB (spreadsheet att		Check Date:	10/16/2019
101-100-231.000	Employee Contribution (EEMBT)(EEVND)		4,969.00
JOHN HANCOCK LIFE INSURANCE CO.		Invoice Amount:	\$16,353.30
10/11/19- EMPLOYER PEN MATCH (spreadsheet		Check Date:	10/16/2019
588-588-714.010	Friendship Station (Boyce)		236.36
101-171-714.010	Supervisor's Office		999.30
101-201-714.010	IT Services (Janks)		577.44
101-215-714.010	Clerk's Office		1,306.22
101-253-714.010	Treasurer's Office		954.29
101-305-714.010	Police Dept.		646.99
101-325-714.010	Dispatch (Bonadeo)		294.19
101-336-714.020	Fire Dept		4,476.84
101-336-714.010	Fire (Admin) (Jowsey)		256.03
101-371-714.010	Building Dept.		1,259.15
101-265-714.010	Township Hall (Haack)		238.39
592-172-714.010	Public Services (Kline, Latawiec, Martin)		837.23
226-226-714.010	Solid Waste (Visel)		323.66
592-291-714.040	DPW		2,629.55
592-291-714.010	DPW (Fellrath & Hamann)		1,010.31
101-262-714.010	Elections (Paula Jefferson)		307.35
JOHN HANCOCK LIFE INSURANCE CO.		Invoice Amount:	\$64.40
Monthly Premium-September 2019 - Jowsey		Check Date:	10/16/2019
101-100-237.000	Monthly Premium-Jowsey, Richard- 9-19		64.40
MICHIGAN CONFERENCE OF TEAMSTERS		Invoice Amount:	\$15,930.00
Health insurance -November 2019 (DPW) (individ		Check Date:	10/16/2019
592-291-714.000	Bartlett, James		1,991.25
592-291-714.000	Krueger, Randy		1,991.25
592-291-714.000	Melow, Steven		1,991.25
592-291-714.000	Overaitis, Joseph		1,991.25
592-291-714.000	Scholten, James		1,991.25
592-291-714.000	Thomas, James		1,991.25
592-291-714.000	Nelson, David		1,991.25
592-291-714.000	Pumphrey, Zachary		1,991.25
MICHIGAN, STATE OF		Invoice Amount:	\$381,778.51
IFT 2019		Check Date:	10/16/2019
703-100-225.600	IFT 2019		381,778.51
NATIONWIDE RET SOL USCM/MIDWEST		Invoice Amount:	\$15,022.76
Pay ending 10/6/19- spreadsheet and invoice att		Check Date:	10/16/2019
101-100-239.000	Contributions for pay ending 10/9/19		15,022.76
P.O.A.M. - PLYMOUTH TOWNSHIP		Invoice Amount:	\$1,876.36
POAM & Dispatch Union Dues -October 2019 (2 s		Check Date:	10/16/2019
101-100-232.010	POAM Union Dues		1,342.16
101-100-232.040	Dispatch Union Dues		534.20
TEAMSTER LOCAL # 214		Invoice Amount:	\$499.00
Teamster Local #214 October 2019 (details attac		Check Date:	10/16/2019
101-100-232.030	Bartlett, James		56.00
101-100-232.030	Kitchen, Spencer		47.00
101-100-232.030	Krueger, Randy		59.00
101-100-232.030	Melow, Steven		59.00

Charter Township of Plymouth

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VENDOR INFORMATION**INVOICE INFORMATION**

101-100-232.030	Nelson, David	56.00
101-100-232.030	Overaitis, Joseph	56.00
101-100-232.030	Pumphrey, Z	56.00
101-100-232.030	Scholten, James	56.00
101-100-232.030	Thomas, James	54.00

TECHNICAL, PROFESSIONAL AND OFFICE-**Invoice Amount: \$496.00**

TPOAM Union Deductions - October 2019

Check Date: 10/16/2019

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

WOW! BUSINESS**Invoice Amount: \$19.88**

October 2019 Acct. # 012296705

Check Date: 10/16/2019

101-265-854.000	Senior Util	18.69
588-588-921.000	Senior Transport	1.19

Total Amount to be Disbursed: \$456,166.23

Charter Township of Plymouth

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P. Bonds Page: 14/411

VENDOR INFORMATION

INVOICE INFORMATION

35TH DISTRICT COURT		Invoice Amount:	\$500.00
BOND RECEIPT 10/02/2019		Check Date:	10/12/2019
702-100-087.000	BOND RECEIPT NUMBER 8379		500.00
35TH DISTRICT COURT		Invoice Amount:	\$3,100.00
BOND RECEIPT 09/30/2019		Check Date:	10/12/2019
702-100-087.000	BOND RECEIPT NUMBER 8147		300.00
702-100-087.000	BOND RECEIPT NUMBER 8148		400.00
702-100-087.000	BOND RECEIPT NUMBER 8150		500.00
702-100-087.000	BOND RECEIPT NUMBER 8376		100.00
702-100-087.000	BOND RECEIPT NUMBER 8377		500.00
702-100-087.000	BOND RECEIPT NUMBER 8378		1,300.00
Total Amount to be Disbursed:			\$3,600.00

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Charter Township of Plymouth
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Refunds 10/11/19

VENDOR INFORMATION

INVOICE INFORMATION

HEMMING,POLACZYK,CRONIN,SMITH, BD Bond Refund 701-100-202.701 BPZ18-0007	Invoice Amount: Check Date: 10/10/2019 13.13
HEMMING,POLACZYK,CRONIN,SMITH, BD Bond Refund 701-100-202.701 BPZ18-0006	Invoice Amount: Check Date: 10/10/2019 13.13
HEMMING,POLACZYK,CRONIN,SMITH, BD Bond Refund 701-100-202.701 BPZ19-0014	Invoice Amount: Check Date: 10/10/2019 380.63
HEMMING,POLACZYK,CRONIN,SMITH, BD Bond Refund 701-100-202.701 BE18-0028	Invoice Amount: Check Date: 10/10/2019 65.63
SIMPLIFILE, LC BD Bond Refund 701-100-202.701 BE18-0021	Invoice Amount: Check Date: 10/10/2019 27.00
Monroe Bank & Trust BD Bond Refund 701-100-202.701 BPZ18-0008	Invoice Amount: Check Date: 10/10/2019 13,745.00
ADVANCED HOMES, INC BD Bond Refund 701-100-202.701 BP18-0016 - PB18-0226	Invoice Amount: Check Date: 10/10/2019 1,500.00
ADVANCED HOMES, INC BD Bond Refund 701-100-202.701 BBD19-0011 - PB18-0226	Invoice Amount: Check Date: 10/10/2019 3,000.00
Cranbrook Custom Homes LLC BD Bond Refund 701-100-202.701 BP18-0034 - PB18-0658	Invoice Amount: Check Date: 10/10/2019 2,000.00
Belaggio Homes Inc BD Bond Refund 701-100-202.701 BP18-0057 - PB18-0965	Invoice Amount: Check Date: 10/10/2019 1,500.00
Belaggio Homes Inc BD Bond Refund 701-100-202.701 BP18-0058 - PB18-0966	Invoice Amount: Check Date: 10/10/2019 1,500.00
SACHSE CONSTRUCTION BD Bond Refund 701-100-202.701 BP18-0059 - PB18-0902	Invoice Amount: Check Date: 10/10/2019 3,000.00
Total Amount to be Disbursed: \$26,744.52	

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Charter Township of Plymouth
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Wesley

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VENDOR INFORMATION

INVOICE INFORMATION

A T & T		Invoice Amount:	\$1,970.31
AT&T - Telephone Allocation September 2019 - R		Check Date:	10/09/2019
101-201-853.000	Information Services		134.74
101-209-853.000	Assessing		80.43
101-371-853.000	Building		224.26
101-336-853.000	Fire		354.02
101-305-853.000	Police		358.64
101-171-853.000	Supervisor		209.67
101-253-853.000	Treasurer		178.88
101-215-853.000	Clerk		104.48
101-371-853.500	Community Development		83.48
101-325-853.000	Dispatch		134.91
101-265-854.000	Water/Sewer (Util)		32.04
101-691-853.000	Park		25.10
592-172-853.000	Gen Expense Tel		49.66
BUONO, DUANE		Invoice Amount:	\$5,086.75
SEPTEMBER 2019 MECHANICAL INSP PAY		Check Date:	10/09/2019
101-371-818.000	SEPTEMBER MECH INSP PAY		5,086.75
COMCAST		Invoice Amount:	\$126.90
Comcast High Speed Internet - October 2019- 99		Check Date:	10/09/2019
101-290-941.000	Comcast High Speed Internet -Oct 2019		126.90
CONSUMERS ENERGY		Invoice Amount:	\$1,468.05
Monthly Chgs - September 2019		Check Date:	10/09/2019
101-171-921.000	Supervisor		129.64
101-201-921.000	Info Services		69.37
101-209-921.000	Assessing		37.11
101-215-921.000	Clerk		112.66
101-253-921.000	Treasurer		47.05
101-305-921.000	Police		372.30
101-325-921.000	Dispatch		77.49
101-325-921.400	Lock Up		77.49
101-336-921.000	Fire Dept		236.86
101-371-921.000	Building		81.62
101-371-921.500	Comm Devel		45.72
101-691-921.000	Park		54.92
226-226-921.000	Utilities-Solid Waste		10.75
592-444-745.000	Power & Pumping-DPW		115.07
DTE ENERGY		Invoice Amount:	\$7,624.28
DTE Service - Municipal Street Lights - September		Check Date:	10/09/2019
101-446-920.000	September 2019 Municipal Street Lights		7,624.28
FIDELITY SECURITY LIFE INSURANCE CO		Invoice Amount:	\$575.36
EYEmed - Retirees October 2019 (Spreadsheets A		Check Date:	10/09/2019
101-290-714.500	General Retirees		98.43
101-305-714.500	Police Dept. Retirees		130.11
101-325-714.500	Dispatch Retiree		10.81
101-336-714.500	Fire Dept. Retirees		243.90
592-172-714.500	Public Services Retiree		5.69
592-291-714.000	Public Works Retirees		70.55
101-371-714.500	Building Retirees		15.87
HEILEMAN, JAMES		Invoice Amount:	\$7,204.50
SEPTEMBER 2019 ELECTRICAL INSPECTOR PAY		Check Date:	10/09/2019

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

	101-371-818.000	SEPT ELECT INSP PAY	7,204.50
MUNSON, STEVE		Invoice Amount:	\$3,787.75
SEPTEMBER 2019 PLUMBING INSPECTOR PAY		Check Date:	10/09/2019
	101-371-818.000	SEPT 2019 PLBG INSP PAY	3,787.75
PLYMOUTH POSTMASTER		Invoice Amount:	\$1,200.00
Water Bill Postage - Permit #218 October 2019		Check Date:	10/09/2019
	592-172-730.000	Permit #218 October 2019 Postage	1,200.00
UNUM LIFE INSURANCE CO. OF AMERICA		Invoice Amount:	\$5,596.02
UNUM Premium Statement - October 2019		Check Date:	10/09/2019
	101-171-714.000	Supervisor's Dept.	124.87
	101-201-714.000	Information Systems	73.50
	101-215-714.000	Clerk's Dept.	405.48
	101-253-714.000	Treasurer's Dept.	123.93
	101-265-714.000	Township Hall (Haack)	40.54
	101-305-714.000	Police Dept.	1,730.98
	101-325-714.000	Dispatch Dept.	628.28
	101-336-714.000	Fire Dept.	1,524.70
	101-371-714.000	Building Dept.	177.97
	226-226-714.000	Solid Waste	50.06
	588-588-714.000	Senior Trans.	38.90
	592-172-714.000	Public Services	134.98
	592-291-714.000	Public Works	541.83
VERIZON WIRELESS		Invoice Amount:	\$1,536.31
October 2019 Wireless Billing Acct #2 MI DEAL		Check Date:	10/09/2019
	592-291-853.000	DPW	498.15
	101-201-853.000	Info services wireless devices	0.24
	101-336-853.000	Fire wireless devices	720.02
	101-691-853.000	Park foreman wireless device iPad	40.01
	588-588-853.000	Friendship Station	83.11
	101-325-853.000	Dispatch	104.76
	226-226-853.000	Solid Waste - Sarah Visel	52.01
	805-805-970.005	Sidewalk Inspec. I-Pad	38.01
VERIZON WIRELESS		Invoice Amount:	\$1,012.19
October 2019 Wireless Billing Acct #1 - 58576292		Check Date:	10/09/2019
	592-172-853.000	DPW wireless devices	100.67
	101-201-853.000	Info services wireless devices	61.23
	101-336-853.000	Fire wireless devices	142.47
	101-691-853.000	Park foreman wireless device	50.62
	101-253-853.000	Treasurer Wireless Service	51.23
	101-305-853.000	Police Dept. wireless service	359.22
	101-371-853.000	Building Dept. Wireless Services	246.75
WOW! BUSINESS		Invoice Amount:	\$11.38
Police Dept. Service Chgs - September 2019 Acct.		Check Date:	10/09/2019
	101-305-921.000	Police Dept. September 2019	11.38
Dell Financial Services		Invoice Amount:	\$71.16
Computer Leases - Personal Property Taxes (appr		Check Date:	10/09/2019
	101-253-978.500	Treasurer Dept. PPT	23.72
	101-215-978.500	Clerk Dept. PPT	41.51
	101-371-978.500	Building Dept. PPT	5.93

Charter Township of Plymouth AP Invoice Listing - Board Report

VENDOR INFORMATION

INVOICE INFORMATION

Dell Financial Services

Planning Dept.-- Computer Lease Qtly Payment -

101-371-978.100

101-371-978.100

Planning Dept. .Computer (Lease-Qtly)

Personal Property Tax

Invoice Amount:

\$70.40

Check Date:

10/09/2019

61.94

8.46

Dell Financial Services

Computer Leases - Fire & DPW - PPT ON LEASES

101-336-978.500

592-172-978.500

Fire Dept. PPT

DPW - PPT -

Invoice Amount:

\$106.74

Check Date:

10/09/2019

41.51

65.23

Total Amount to be Disbursed:

\$37,448.10

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

**ITEM E
PUBLIC COMMENTS AND QUESTIONS**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.1
PUBLIC HEARING ON PROPOSED 2020
BUDGET**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Hold Public Hearing for 2020 Budget

PRESENTER: Clerk Jerry Vorva

BACKGROUND:

Pursuant to MCL 42.26, notice of a public hearing on the proposed budget was published in a newspaper of general circulation on October 31, 2019. The notice was published in accordance with the law which requires notice to be published at least seven days prior to the public hearing.

ACTION REQUESTED:

Hold Public Hearing.

PROPOSED MOTION: N/A

Public Hearing opened at _____ Moved by: _____

Seconded by: _____

Public Hearing closed at _____ Moved by: _____

Seconded by: _____

CHARTER TOWNSHIP OF PLYMOUTH

**NOTICE OF BUDGET
PUBLIC HEARING**

TUESDAY, NOVEMBER 12, 2019

The Charter Township of Plymouth Board of Trustees will hold a public hearing on the proposed township budget for the fiscal year of 2020 during their regularly scheduled board meeting on **November 12, 2019 at 7:00 PM** at the Charter Township of Plymouth, Town Hall Meeting Room, 9955 N. Haggerty Road, Plymouth, MI 48170. A copy of the proposed budget is available for public inspection at the above address in the clerk's office weekdays from 8:00 AM to 4:30 PM and on the township's website at www.plymouthtwp.org. This budget may be adopted after the public hearing.

**The property tax millage rate
proposed to be levied to
support the proposed budget
will be a subject
of this hearing.**

Jerry Vorva
Plymouth Township Clerk

Publish: Thursday, October 31, 2019

PT0269 - 091919 2 x 8

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.2
2020 CHARTER TOWNSHIP OF
PLYMOUTH GENERAL
APPROPRIATIONS ACT AND 2020
BUDGET ADOPTION
RESOLUTION #2019-11-12-100**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Approval of 2020 General Fund Budget and Special Funds Budgets, **Resolution #2019-11-12-100**

PRESENTER: Supervisor Kurt Heise, Treasurer Mark Clinton

BACKGROUND:

We are requesting that the board approve and adopt the 2020 General Fund Budget and Special Funds Budgets as required under state law.

PROPOSED MOTION: I move to adopt **Resolution #2019-11-12-100** authorizing the adoption of the 2020 Charter Township of Plymouth General Appropriations Act and the 2020 budget as outlined and attached in accordance with the terms and conditions contained therein.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION TO APPROVE
2020 GENERAL FUND BUDGET AND SPECIAL
FUNDS BUDGETS**

RESOLUTION #2019-11-12-100

SECTION 1 - TITLE

WHEREAS, this resolution shall be known as the Charter Township of Plymouth 2020 General Appropriations Act; and,

SECTION 2 - CHIEF ADMINISTRATIVE OFFICER

WHEREAS, the Supervisor shall be the Chief Administrative Officer and shall perform the duties of the Chief Administrative Officer enumerated in this Act; and,

SECTION 3 - FISCAL OFFICER

WHEREAS, the Treasurer shall be the Fiscal Officer and shall perform the duties of the Fiscal Officer enumerated in this Act; and,

SECTION 4 - PUBLIC HEARING ON THE BUDGET

WHEREAS, pursuant to MCL 42.26, notice of a public hearing on the proposed budget was published in a newspaper of general circulation on October 31, 2019 in accordance with the law which requires notice to be published at least seven days prior to the public hearing; and,

WHEREAS, a public hearing on the proposed budget was held on November 12, 2019; and,

SECTION 5 - ESTIMATED REVENUES

WHEREAS, estimated township general fund revenues for fiscal year 2019, including an allocated millage of 0.8134 mills; voter-authorized millage of 4.3750 mills, and various miscellaneous revenues shall total \$17,795,436; and,

SECTION 6 — MILLAGE LEVY

WHEREAS, The Charter Township of Plymouth Board of Trustees shall cause to be levied and collected the general property tax on all real and personal property within the Township upon the current tax roll in an amount equal to 5.1884 mills as authorized under state law and approved by the electorate; and,

SECTION 7 — ESTIMATED EXPENDITURES

WHEREAS, estimated township general fund expenditures for fiscal year 2020 for the various township activities are as follows:

GENERAL FUND

Department	Amount
Township Board	76,264
Supervisor	361,036
Information Services	204,247
Assessors	357,519
Clerk	626,571
Civil Service	2,077
Board of Review	2,891
Treasurer	333,440
Elections	322,607
Township Hall & Grounds	187,129
General Operating	2,741,659
Law Enforcement	4,574,641
Emergency Preparedness	20,096
Communications	1,439,629
Fire	4,581,235
Building	768,104
Intergovernmental	90,000
Traffic & Safety	71,200
Park	383,918
Planning Commission	14,593
Board of Appeals	4,306
Block Grant	20,000
Insurance	356,178
Community Service	45,000
Total Expenditures:	\$17,584,340
Net Revenues (Expenditures):	\$211,096

SPECIAL REVENUE FUNDS

	Federal Drug Forfeiture	State Drug Forfeiture	IRS Drug Forfeiture
Revenues	\$0	\$0	\$0
Expenses	\$59,850	\$198,500	\$0
Net Rev/Exp	(\$59,850)	(\$198,500)	\$0

SECTION 8 - ADOPTION OF BUDGET BY REFERENCE

WHEREAS, the general fund budget of the Charter Township of Plymouth is hereby adopted by reference, with revenues and activity expenditures as indicated In Sections 5 and 7 of this Act; and,

SECTION 9 - ADOPTION OF BUDGET BY APPROPRIATION

WHEREAS, Township officials responsible for the expenditures authorized in the budget may expend township funds up to, but not to exceed, the total appropriations authorized and may approve budget amendments as needed; and,

SECTION 10 - APPROPRIATION NOT A MANDATE TO SPEND

WHEREAS, appropriations will be deemed maximum authorizations to incur expenditures. The Chief Administrative Officer shall exercise supervision and control to ensure that expenditures are within appropriations, and shall not issue any purchase order for expenditures that exceed appropriations; and,

SECTION 11— PERIODIC FISCAL REPORTS

WHEREAS, it will be necessary for the Board to receive regular updates on the financial position of each department relative to their expenditures and revenue, the Fiscal Officer shall submit to the Board of the Charter Township of Plymouth at the end of each month, a report of financial operations, including, but not limited to:

- a) a summary statement of the actual financial condition of the general fund at the end of the previous quarter (month);
- b) a summary statement showing the receipts and expenditures and encumbrances for the previous quarter (month) and for the current fiscal year to the end of the previous quarter (month);

c) a detailed list of:

1. expected revenues by major source as estimated in the budget; actual receipts to date for the current fiscal year compared with actual receipts for the same period in the prior fiscal year; the balance of estimated revenues to be collected in the then current fiscal year; and any revisions in revenue estimates resulting from collection experience to date.
2. for each department; the amount appropriated; the amount charged to each appropriation in the previous quarter (month) for the current fiscal year and as compared with the same period in the prior fiscal year; the unencumbered balance of appropriations; and any revisions in the estimate of expenditures.

SECTION 12 — LIMIT ON OBLIGATIONS AND PAYMENTS

WHEREAS, no obligation shall be incurred against, and no payment shall be made from any appropriation account unless there is a sufficient unencumbered balance in the appropriation and sufficient funds are or will be available to meet the obligation; and,

SECTION 13 — BUDGET MONITORING

WHEREAS, it is the responsibility of the Chief Administrative Officer and the Township Board to serve as solid fiduciaries of the monies of the Charter Township of Plymouth, whenever it appears to the Chief Administrative Officer or the Township Board that the actual and probable revenues in any fund will be less than the estimated revenues upon which appropriations from such fund were based, and when it appears that expenditures shall exceed an appropriation, the Chief Administrative Officer shall present to the Township Board recommendations to prevent expenditures from exceeding available revenues or appropriations for the current fiscal year. Such recommendations shall include proposals for reducing appropriations, increasing revenues, or both; and,

SECTION 14 — VIOLATIONS OF THIS ACT

WHEREAS, any obligation incurred or payment authorized in violation of this resolution shall be void and shall subject any responsible official or employee(s) to disciplinary action as outlined in Public Act 621 of 1978 and the Charter Township of Plymouth Policies and Procedures;

SECTION 15 — BOARD ADOPTION

NOW, THEREFORE, BE IT RESOLVED that The Charter Township of Plymouth Board of Trustees does hereby approve **Resolution 2019-11-12-100** authorizing the adoption of the 2020 Charter Township of Plymouth General Appropriations Act and the 2020 Budget as outlined and attached in accordance with the terms and conditions contained herein.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

2020 General Fund Budget - FINAL
Executive Summary
as of November 5, 2019

Source of Revenue	2016 actual	2017 actual	2018 actual	2019 budget	2019 projection	2020 budget
Recurring Revenue						
Property Tax Revenue	\$6,990,871	\$6,872,620	\$6,908,377	\$9,190,000	\$9,190,000	\$9,580,000
State Shared Revenue	\$2,194,640	\$2,360,741	\$2,431,609	\$2,426,697	\$2,500,000	\$2,543,750
Cable TV Franchise Fees	\$758,800	\$757,495	\$715,611	\$765,000	\$697,721	\$680,278
Intergovt Services	\$785,498	\$723,053	\$740,062	\$766,851	\$766,851	\$766,851
35th District Court Revenue Share	\$126,984	\$113,452	\$12,028	\$10,000	\$9,200	\$10,000
Personal Property Tax Reimbursement	\$0	\$454,479	\$296,567	\$450,000	\$353,626	\$350,000
Interest Income	\$50,672	\$114,714	\$81,188	\$25,000	\$85,000	\$90,000
Healthcare Reimbursement - City of Plymouth	\$330,558	\$125,721	\$101,920	\$75,000	\$75,000	\$75,000
911 Local and Statewide	\$134,091	\$153,513	\$147,565	\$140,000	\$140,000	\$140,000
Miscellaneous Revenue	<u>\$196,238</u>	<u>\$297,892</u>	<u>\$728,662</u>	<u>\$225,056</u>	<u>\$300,956</u>	<u>\$236,756</u>
Total Recurring Revenue	\$11,568,351	\$11,973,679	\$12,163,589	\$14,073,604	\$14,118,354	\$14,472,635
Fees for Services						
Property Tax Administration Fee	\$0	\$0	\$608,022	\$630,000	\$630,000	\$650,000
Tax Collection Fees	\$0	\$53,021	\$0	\$0	\$0	\$0
Passport Fees	\$0	\$9,400	\$8,725	\$9,500	\$11,000	\$10,000
Dog Licenses	\$3,993	\$5,110	\$4,415	\$4,500	\$4,100	\$4,000
Park Fees	\$39,225	\$44,160	\$56,485	\$55,000	\$55,000	\$55,000
Building Dept Permits	\$1,105,333	\$1,107,506	\$1,111,723	\$1,200,000	\$1,379,900	\$1,360,000
Planning Consultant	\$103,511	\$150,222	\$130,430	\$108,500	\$110,000	\$120,000
Dispatch Services to City of Plymouth	\$342,000	\$398,843	\$342,000	\$342,000	\$378,500	\$342,000
Fire Transport	\$89,226	\$65,148	\$117,069	\$120,000	\$140,000	\$200,000
Miscellaneous Fees	<u>\$297,286</u>	<u>\$38,319</u>	<u>\$98,690</u>	<u>\$26,800</u>	<u>\$124,780</u>	<u>\$111,800</u>
Total Fees for Service	\$1,980,573	\$1,871,729	\$2,477,559	\$2,496,300	\$2,833,280	\$2,852,800
Non-Recurring Revenue						
Election Reimbursement	\$0	\$0	\$300	\$0	\$0	\$40,000
Grant Revenue	\$806,831	\$396,248	\$400,896	\$652,528	\$641,072	\$340,000
Sale of Fixed Assets	\$0	\$36,576	\$1,525	\$0	\$0	\$90,000
Pension Reimbursement - City of Plymouth	\$0	\$0	\$1,100,000	\$0	\$0	\$0
5 Mile Land Sale - Legal Reimbursement	\$0	\$0	\$0	\$485,000	\$585,000	\$0
2017 Sidewalk Crack & Seal Program	<u>\$0</u>	<u>\$506,017</u>	<u>\$0</u>	<u>\$245,000</u>	<u>\$245,000</u>	<u>\$0</u>
Total Non-Recurring Revenue	\$806,831	\$938,841	\$1,502,721	\$1,382,528	\$1,471,072	\$470,000
Total Revenues	<u>\$14,355,755</u>	<u>\$14,784,249</u>	<u>\$16,143,869</u>	<u>\$17,952,432</u>	<u>\$18,422,706</u>	<u>\$17,795,435</u>

	2016	2017	2018	2019	2019	2020
Expenses	actual	actual	actual	budget	projection	budget
Department						
Township Board	\$68,630	\$53,795	\$51,023	\$53,064	\$53,069	\$76,264
Supervisor	\$378,755	\$360,400	\$414,325	\$329,655	\$349,535	\$361,036
Informations Services	\$311,494	\$232,076	\$180,796	\$257,725	\$282,300	\$204,247
Assessors	\$289,918	\$274,583	\$307,328	\$302,630	\$343,723	\$357,519
Clerk	\$509,497	\$571,644	\$577,357	\$662,885	\$615,227	\$626,571
Civil Service	\$0	\$3,101	\$1,145	\$2,077	\$5,449	\$2,077
Board of Review	\$8,464	\$4,288	\$2,787	\$4,600	\$2,791	\$2,891
Treasurer	\$334,198	\$371,227	\$324,215	\$332,576	\$328,020	\$333,440
Elections	\$109,869	\$36,219	\$151,073	\$63,287	\$101,422	\$322,607
Township Hall & Grounds	\$322,130	\$170,365	\$181,975	\$189,260	\$191,955	\$187,129
General Operating	\$1,428,461	\$896,255	\$1,126,017	\$2,602,890	\$2,831,788	\$2,741,659
Law Enforcement	\$4,247,861	\$4,127,478	\$3,982,639	\$4,268,607	\$4,303,230	\$4,574,641
Emergency Preparedness	\$18,217	\$14,764	\$15,539	\$17,000	\$20,096	\$20,096
Communications	\$1,169,998	\$1,207,369	\$1,256,795	\$1,740,010	\$1,642,411	\$1,439,629
Fire	\$3,328,151	\$3,793,720	\$5,460,434	\$5,097,815	\$5,228,634	\$4,581,235
Building	\$607,795	\$726,746	\$730,854	\$651,742	\$682,220	\$768,104
Intergovernmental	\$79,523	\$62,630	\$87,216	\$77,441	\$90,000	\$90,000
Traffic & Safety	\$245,450	\$821,880	\$94,935	\$365,000	\$371,100	\$71,200
Park	\$544,265	\$344,869	\$423,387	\$305,681	\$337,839	\$383,918
Planning Commission	\$84,212	\$27,563	\$14,646	\$16,750	\$14,593	\$14,593
Board of Appeals	\$3,450	\$4,198	\$4,737	\$4,525	\$2,476	\$4,306
Block Grant	\$91,252	\$132,843	\$89,425	\$80,587	\$80,587	\$20,000
Insurance	\$353,417	\$343,526	\$351,052	\$350,000	\$356,178	\$356,178
Community Service	\$75,488	\$58,550	\$59,586	\$43,100	\$45,000	\$45,000
Total Expenses	<u>\$14,610,493</u>	<u>\$14,640,092</u>	<u>\$15,889,315</u>	<u>\$17,818,907</u>	<u>\$18,279,642</u>	<u>\$17,584,340</u>
	2016	2017	2018	2019	2019	2020
General Fund Balance	actual	actual	actual	budget	projection	budget
Beginning Fund Balance	\$4,165,500	\$3,910,763	\$4,054,920	\$4,309,474	\$4,309,474	\$4,452,538
Additions/Subtractions	<u>(\$254,738)</u>	<u>\$144,158</u>	<u>\$254,554</u>	<u>\$133,525</u>	<u>\$143,064</u>	<u>\$211,095</u>
Ending Fund Balance	<u>\$3,910,763</u>	<u>\$4,054,920</u>	<u>\$4,309,474</u>	<u>\$4,442,999</u>	<u>\$4,452,538</u>	<u>\$4,663,633</u>

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GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 REQUESTED BUDGET
ESTIMATED REVENUES							
Dept 262 - ELECTIONS							
101-262-680.000	ELECTIONS REIMB - PLY-CANTON SCHOC		300.00				
101-262-680.040	ELECTIONS REIMB - STATE OF MICH						40,000.00
Totals for dept 262 - ELECTIONS			300.00				40,000.00
Dept 290 - GENERAL OPERATING							
101-290-402.000	SMART MUNICIPAL CREDIT PRO	27,056.00	24,596.61	27,056.00	28,178.91	27,056.00	27,056.00
101-290-403.000	PROPERTY TAXES	1,401,278.14	1,407,950.15	3,653,652.00	9,195,298.16	3,653,652.00	3,808,704.00
101-290-403.200	WC MONTHLY DELQ SETTLEMENT	6,975.06					
101-290-441.000	LOCAL COMMUNITY STABILIZATION SHAF	454,478.56	296,566.77	353,626.00	353,626.47	353,626.00	350,000.00
101-290-441.100	METRO ACT	21,548.86	20,779.69	20,000.00	21,179.84	21,180.00	20,000.00
101-290-447.000	PROPERTY TAX ADMINISTRATION FEE		608,022.22	630,000.00	158,016.39	630,000.00	650,000.00
101-290-448.000	TAX COLLECTION FEES	53,020.70					
101-290-459.000	MISCELLANEOUS LICENSE	3,780.00	5,375.00	5,000.00	3,800.00	5,000.00	5,000.00
101-290-460.080	MISC GRANT REVENUE	4,018.71	2,500.00				5,000.00
101-290-475.000	TRAILER PARK FEES	4,284.50	4,677.50	4,300.00	3,310.00	4,300.00	4,300.00
101-290-477.000	PARK FEES	44,160.00	56,485.00	55,000.00	53,365.00	55,000.00	55,000.00
101-290-574.000	STATE REVENUE SHARING	2,360,741.00	2,431,609.00	2,500,000.00	1,602,842.00	2,500,000.00	2,543,750.00
101-290-588.000	CONTRIBUTION FROM LOCAL UNITS-OTHE	506,017.61		245,000.00		245,000.00	
101-290-645.000	SALE OF PUBLICATIONS		4.00		4.00		
101-290-653.000	SENIOR ACTIVITY FEES				1,127.00		
101-290-664.000	INTEREST INCOME	114,714.02	81,188.22	85,000.00	78,109.01	85,000.00	90,000.00
101-290-668.000	INTERGOVT SERVICES	723,052.56	740,061.91	766,851.00	502,465.56	766,851.00	766,851.00
101-290-668.010	INTER-GOVT FIRE SERVICES		1,100,000.00				
101-290-669.000	CONTRACTUAL CATV	592,621.89	562,436.23	548,375.00	416,861.54	548,375.00	534,666.00
101-290-669.001	CATV-PEG Funds	164,872.67	153,174.55	149,346.00	112,320.95	149,346.00	145,612.00
101-290-676.000	INSURANCE REFUNDS	174,951.00	228,189.95	212,000.00	211,997.44	212,000.00	150,000.00
101-290-697.000	SALE OF FIXED ASSETS	28,760.00	1,525.00				90,000.00
101-290-697.500	REIMBURSEMENT 5 MILE LEGAL FEES			585,000.00		585,000.00	
101-290-698.000	MISCELLANEOUS INCOME	45,924.47	411,533.33		1,773.90	3,500.00	
101-290-698.100	PASSPORT FEE	9,400.00	8,725.00	9,500.00	9,170.00	11,000.00	10,000.00
101-290-698.200	RECORDING FEES				(275.00)		
Totals for dept 290 - GENERAL OPERATING		6,741,655.75	8,145,400.13	9,849,706.00	12,753,171.17	9,855,886.00	9,255,939.00
Dept 305 - LAW ENFORCEMENT							
101-305-403.000	PROPERTY TAXES	3,189,778.66	3,204,520.42	3,234,193.00		3,234,193.00	3,371,444.00
101-305-457.000	DOG LICENSE	5,109.50	4,415.50	4,500.00	3,649.50	4,100.00	4,000.00
101-305-460.080	MISC GRANT REVENUE		4,666.62				
101-305-607.000	DISTRICT COURT FEES	113,452.31	12,028.06	10,000.00	10,047.72	9,200.00	10,000.00
101-305-607.020	POLICE-ALARMS	(3,850.00)	20,250.00	12,000.00	15,500.00	12,000.00	12,000.00
101-305-629.000	POLICE REPORTS	8,932.43	8,773.29	8,000.00	8,412.60	10,000.00	10,000.00
101-305-629.500	CHARGES FOR OVERTIME		56,584.08	50,000.00	37,173.79	50,000.00	50,000.00
101-305-675.001	DONATIONS-PRIVATE SOURCES	5,000.00					
101-305-697.000	SALE OF FIXED ASSETS	1,560.00			1.00		
101-305-698.000	MISCELLANEOUS INCOME	28,251.35	20,020.73	20,000.00	22,370.52	10,000.00	20,000.00
101-305-698.500	Law Enforcement Distr Funds		7,168.33		2,137.05	5,000.00	5,000.00
Totals for dept 305 - LAW ENFORCEMENT		3,348,234.25	3,338,427.03	3,338,693.00	99,292.18	3,334,493.00	3,482,444.00
Dept 325 - COMMUNICATIONS							
101-325-543.000	STATE GRANTS-PUBLIC SAFETY			200,000.00	100,000.00	200,000.00	
101-325-668.020	INTER-GOVT DISPATCH	398,843.47	342,000.00	342,000.00	293,000.03	378,500.00	342,000.00
101-325-690.000	911 LOCAL AND STATEWIDE	153,512.99	147,564.68	140,000.00	113,439.17	140,000.00	140,000.00
101-325-698.000	MISCELLANEOUS INCOME			500.00	187.50	500.00	
101-325-698.550	PSAP TRAINING FUNDS	11,537.00	5,053.00	12,700.00	12,703.00	12,700.00	12,700.00
Totals for dept 325 - COMMUNICATIONS		563,893.46	494,617.68	695,200.00	519,329.70	731,700.00	494,700.00

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ESTIMATED REVENUES							
Dept 336 - FIRE							
101-336-403.000	PROPERTY TAXES	2,274,588.18	2,295,906.88	2,302,155.00	(2,598.00)	2,302,155.00	2,399,853.00
101-336-460.080	MISC GRANT REVENUE	200,046.00	12,380.00	6,000.00			135,000.00
101-336-505.000	FEDERAL GRANTS-PUBLIC SAFETY			181,956.00	51,191.06	150,000.00	180,000.00
101-336-543.000	STATE GRANTS-PUBLIC SAFETY		200,000.00	200,000.00	200,000.00	200,000.00	
101-336-668.010	INTER-GOVT FIRE SERVICES	125,720.55	101,920.48	75,000.00	36,319.55	75,000.00	75,000.00
101-336-697.000	SALE OF FIXED ASSETS	6,256.00					
101-336-698.000	MISCELLANEOUS INCOME	9,685.97	3,180.39	1,000.00	4,400.31	2,500.00	1,000.00
101-336-698.030	FIRE TRANSPORTS - TWSP	65,148.39	117,068.54	140,000.00	117,972.14	140,000.00	200,000.00
Totals for dept 336 - FIRE		2,681,445.09	2,730,456.29	2,906,111.00	407,285.06	2,869,655.00	2,990,853.00
Dept 371 - BUILDING							
101-371-454.000	HEATING LICENSE			15,000.00			
101-371-461.000	BUILDING PERMITS	858,233.48	849,649.00	1,100,000.00	897,644.35	1,100,000.00	1,100,000.00
101-371-462.000	ELECTRICAL PERMITS	90,377.25	100,673.50	93,500.00	78,756.00	93,500.00	100,000.00
101-371-463.000	PLUMBING PERMITS	39,934.00	43,637.00	60,000.00	37,465.00	60,000.00	50,000.00
101-371-464.000	HEATING PERMITS	104,244.00	105,868.50	100,000.00	95,110.00	115,000.00	100,000.00
101-371-465.000	REFRIGERATION PERMITS	14,717.00	11,895.00	10,000.00	10,605.00	11,400.00	10,000.00
101-371-608.000	PLANNING COMM-CONSULTANT		8,911.70	25,000.00			
101-371-608.500	PLANNING ZONING FEE REVENUE		118,669.05	80,000.00	62,684.40	110,000.00	120,000.00
101-371-609.500	ENGINEERING FEES REVENUE-PLANNING		2,850.00	3,500.00			
101-371-611.100	PYMT IN LIEU-TREES		3,150.00	16,800.00	16,800.00	16,800.00	20,000.00
101-371-611.200	PYMT IN LIEU-SIDEWALKS			23,500.00	23,544.00	23,500.00	10,000.00
101-371-622.000	VACANT PROPERTY ORDINANCE REVENUE	600.00	200.00		200.00	200.00	
101-371-626.010	WEED CUTTING	2,800.00	3,150.00	1,500.00	1,458.00	1,500.00	1,500.00
Totals for dept 371 - BUILDING		1,110,905.73	1,248,653.75	1,528,800.00	1,224,266.75	1,531,900.00	1,511,500.00
Dept 400 - COMMUNITY DEVELOPMENT							
101-400-608.000	PLANNING COMM-CONSULTANT	150,222.22					
Totals for dept 400 - COMMUNITY DEVELOPMENT		150,222.22					
Dept 691 - PARK							
101-691-460.050	WAYNE COUNTY PARKS DISTRIBUTION		116,282.00				
101-691-698.000	MISCELLANEOUS INCOME	710.00		8,000.00	8,000.00	8,000.00	
Totals for dept 691 - PARK		710.00	116,282.00	8,000.00	8,000.00	8,000.00	
Dept 851 - BLOCK GRANT							
101-851-530.000	BLOCK GRANT	187,183.46	69,734.08	91,072.00	15,151.64	91,072.00	20,000.00
Totals for dept 851 - BLOCK GRANT		187,183.46	69,734.08	91,072.00	15,151.64	91,072.00	20,000.00
TOTAL ESTIMATED REVENUES		14,784,249.96	16,143,870.96	18,417,582.00	15,026,496.50	18,422,706.00	17,795,436.00

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APPROPRIATIONS							
Dept 101 - TOWNSHIP BOARD							
101-101-704.000	SALARY-BOARD	47,360.00	44,968.65	47,000.00	36,728.40	47,000.00	47,000.00
101-101-715.000	SOCIAL SECURITY	3,623.31	3,440.37	3,600.00	2,809.93	3,600.00	3,593.97
101-101-720.000	WORKERS COMP/INSURANCE	80.46	72.62	85.00	52.52	85.00	85.00
101-101-813.000	PUBLISHING	108.45	33.15				500.00
101-101-861.000	EXPENSE ALLOWANCE	394.97	155.00	155.00	160.00	160.00	160.00
101-101-885.000	COMMUNITY SERVICE	2,228.00	2,353.00	2,224.00	2,224.00	2,224.00	3,225.00
101-101-978.000	EQUIPMENT PURCHASE						21,700.00
Totals for dept 101 - TOWNSHIP BOARD		53,795.19	51,022.79	53,064.00	41,974.85	53,069.00	76,263.97
Dept 171 - SUPERVISOR							
101-171-703.000	ELECTED OFFICIALS	115,455.54	115,727.40	115,284.00	88,680.00	115,284.00	115,284.00
101-171-705.000	SUPERVISORY	98,215.84	97,654.44	13,967.00	7,660.00	12,519.00	21,060.00
101-171-707.000	CLERICAL	58,000.02	60,552.00	61,828.00	47,502.00	61,828.00	61,828.00
101-171-714.000	FRINGE BENEFITS	4,835.20	9,243.28	9,862.00	8,142.12	8,644.52	9,013.10
101-171-714.010	PENSION NON-REP	38,534.81	37,882.40	25,981.20	19,977.30	25,981.00	25,981.80
101-171-715.000	SOCIAL SECURITY	20,621.59	20,821.29	13,549.36	10,926.90	14,583.27	15,160.16
101-171-720.000	WORKERS COMP/INSURANCE	751.24	521.25	715.00	369.14	715.00	715.00
101-171-727.000	OFFICE SUPPLIES	6,744.39	3,077.97	4,700.00	2,543.25	4,700.00	4,700.00
101-171-818.000	CONTRACTUAL SERVICES		395.53	4,020.00	3,151.01	4,021.00	4,021.00
101-171-818.200	CONTRATUAL SERVICE-HR		49,550.00	85,075.00	53,172.00	85,075.00	86,900.00
101-171-853.000	TELEPHONE	3,882.41	2,345.43	2,050.00	2,293.58	3,275.00	3,340.50
101-171-861.000	EXPENSE ALLOWANCE	150.00					
101-171-921.000	UTILITIES	12,174.27	11,329.34	12,250.00	6,936.09	12,250.00	12,495.00
101-171-960.000	EDUCATION/TRAINING	864.00			284.70	285.00	285.00
101-171-978.000	EQUIPMENT PURCHASE	170.77	5,224.35		164.00	164.00	
101-171-978.500	EQUIPMENT LEASE PAYMENTS			210.00	126.34	210.00	252.00
Totals for dept 171 - SUPERVISOR		360,400.08	414,324.68	349,491.56	251,928.43	349,534.79	361,035.56
Dept 201 - INFORMATION SERVICES							
101-201-705.000	SUPERVISORY	100,426.96	99,714.75	100,090.23	76,898.51	100,090.00	100,090.23
101-201-707.000	CLERICAL	28,910.10	27,178.37	30,615.05	22,671.66	30,615.00	31,325.00
101-201-714.000	FRINGE BENEFITS	16,407.95	17,701.10	19,590.00	15,146.53	18,332.21	15,452.30
101-201-714.010	PENSION NON-REP	14,625.26	14,948.71	15,013.18	11,534.77	15,013.00	15,013.53
101-201-715.000	SOCIAL SECURITY	9,361.12	8,975.12	9,998.93	7,420.74	9,999.00	11,285.99
101-201-720.000	WORKERS COMP/INSURANCE	383.35	355.09	430.00	247.28	335.00	348.00
101-201-727.000	OFFICE SUPPLIES	3,693.69	881.79	3,800.00	224.39	3,800.00	5,800.00
101-201-817.000	FINANCIAL CONSULTANT	1,000.00				1,000.00	
101-201-851.000	EQUIPMENT MNT/REPAIRS	4,326.43	1,029.36	11,000.00	11,749.03	11,739.00	1,000.00
101-201-853.000	TELEPHONE	3,613.71	2,310.97	3,600.00	2,023.64	3,600.00	3,672.00
101-201-921.000	UTILITIES	6,514.19	6,062.08	6,530.00	3,711.37	6,530.00	6,660.00
101-201-960.000	EDUCATION/TRAINING	210.00	554.39	500.00	342.50	500.00	500.00
101-201-978.000	EQUIPMENT PURCHASE	42,603.69	1,084.05	79,175.68	29,451.89	80,422.00	10,700.00
101-201-978.500	EQUIPMENT LEASE PAYMENTS			1,890.00		325.00	2,400.00
Totals for dept 201 - INFORMATION SERVICES		232,076.45	180,795.78	282,233.07	181,422.31	282,300.21	204,247.05
Dept 209 - ASSESSORS							
101-209-720.000	WORKERS COMP/INSURANCE	22.11					
101-209-727.000	OFFICE SUPPLIES	2,107.55	1,653.93	3,000.00	1,882.97	3,000.00	3,000.00
101-209-730.000	POSTAGE-GENERAL		5,661.78	6,000.00	5,780.48	5,780.00	6,000.00
101-209-818.000	CONTRACTUAL SERVICES	252,909.54	277,367.20	307,100.00	237,760.37	307,596.00	325,885.00
101-209-826.000	LEGAL	13,019.60	17,202.74	20,000.00	18,940.02	19,817.00	15,000.00
101-209-853.000	TELEPHONE	1,779.69	939.56	1,650.00	880.06	1,650.00	1,683.00
101-209-921.000	UTILITIES	3,484.90	3,243.00	3,570.00	1,985.48	3,570.00	3,641.00
101-209-941.000	COMPUTER SERVICES	1,260.00	1,260.00	1,260.00		1,260.00	1,260.00

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APPROPRIATIONS							
Dept 209 - ASSESSORS							
101-209-978.500	EQUIPMENT LEASE PAYMENTS			1,050.00	960.60	1,050.00	1,050.00
Totals for dept 209 - ASSESSORS		274,583.39	307,328.21	343,630.00	268,189.98	343,723.00	357,519.00
Dept 215 - CLERK							
101-215-703.000	ELECTED OFFICIALS	175,961.88	178,794.93	178,110.00	137,007.72	178,110.00	178,110.00
101-215-707.000	CLERICAL	185,255.39	228,478.63	236,632.85	175,679.95	252,000.00	287,696.28
101-215-708.000	PART TIME	27,762.78	26,215.02	4,793.38	5,577.90	4,800.00	17,500.00
101-215-709.000	OVERTIME	868.61	3,061.02	166.30	1,956.84	1,900.00	
101-215-714.000	FRINGE BENEFITS	4,081.00	15,756.50	14,717.50	10,274.39	14,718.60	16,814.00
101-215-714.010	PENSION NON-REP	46,178.22	47,219.59	40,900.76	33,081.52	45,855.00	50,471.00
101-215-714.500	FRINGE BENEFITS - RETIREES		(1,094.45)		(1,291.14)		
101-215-715.000	SOCIAL SECURITY	29,846.33	33,956.55	33,418.16	25,441.80	33,415.97	36,972.93
101-215-720.000	WORKERS COMP/INSURANCE	1,011.63	907.40	990.00	644.09	900.00	900.00
101-215-727.000	OFFICE SUPPLIES	28,108.33	16,395.08	16,320.00	21,786.32	16,000.00	16,000.00
101-215-813.000	PUBLISHING	1,832.54	636.32	6,000.00	5,361.82	6,000.00	2,000.00
101-215-818.000	CONTRACTUAL SERVICES	41,804.92	2,909.87	48,075.00	30,244.58	24,300.00	2,540.00
101-215-851.000	EQUIPMENT MNT/REPAIRS	1,738.05	2,981.75	2,250.00	1,315.51	2,250.00	2,250.00
101-215-853.000	TELEPHONE	3,449.76	1,230.23	1,850.00	1,142.89	1,850.00	1,890.00
101-215-861.000	EXPENSE ALLOWANCE	146.59	505.15	100.00			
101-215-921.000	UTILITIES	10,579.91	9,845.57	10,600.00	6,027.72	10,600.00	10,600.00
101-215-960.000	EDUCATION/TRAINING	1,538.28	1,872.24	2,600.00	153.00	200.00	1,000.00
101-215-978.000	EQUIPMENT PURCHASE	10,628.99	6,091.76	21,150.00	2,056.04	16,300.00	
101-215-978.001	Equipmt Purchases < \$5,000	850.86	695.61		4,200.00	4,200.00	
101-215-978.500	EQUIPMENT LEASE PAYMENTS		897.92	1,827.00	1,282.20	1,827.00	1,827.00
Totals for dept 215 - CLERK		571,644.07	577,356.69	620,500.95	461,943.15	615,226.57	626,571.21
Dept 220 - CIVIL SERVICE							
101-220-704.000	SALARY-BOARD	2,000.00	720.00	1,000.00	2,100.00	2,100.00	1,000.00
101-220-715.000	SOCIAL SECURITY	153.00	55.08	77.00	160.65	161.00	77.00
101-220-813.000	PUBLISHING	947.74	369.53	1,000.00			1,000.00
101-220-818.000	CONTRACTUAL SERVICES			3,372.00	3,187.92	3,188.00	
Totals for dept 220 - CIVIL SERVICE		3,100.74	1,144.61	5,449.00	5,448.57	5,449.00	2,077.00
Dept 247 - BOARD OF REVIEW							
101-247-704.000	SALARY-BOARD	3,980.00	2,520.00	4,000.00	1,680.00	2,500.00	2,500.00
101-247-715.000	SOCIAL SECURITY	304.47	192.78	300.00	128.52	191.00	191.00
101-247-720.000	WORKERS COMP/INSURANCE	3.28					
101-247-963.000	MISCELLANEOUS EXPENSE		74.11	300.00	58.11	100.00	200.00
Totals for dept 247 - BOARD OF REVIEW		4,287.75	2,786.89	4,600.00	1,866.63	2,791.00	2,891.00
Dept 253 - TREASURER							
101-253-703.000	ELECTED OFFICIALS	168,857.66	169,961.12	170,650.00	130,238.52	169,310.00	169,310.00
101-253-708.000	PART TIME	66,082.32	53,416.53	56,722.10	43,148.19	56,722.10	58,140.00
101-253-709.000	OVERTIME	24.24					
101-253-714.000	FRINGE BENEFITS	23,607.80	17,826.03	19,616.00	14,434.25	16,917.86	17,798.00
101-253-714.010	PENSION NON-REP	24,743.70	24,909.22	25,000.00	19,085.80	25,396.00	24,810.00
101-253-715.000	SOCIAL SECURITY	17,723.94	17,139.57	17,306.74	13,080.06	17,306.74	17,400.00
101-253-720.000	WORKERS COMP/INSURANCE	705.21	451.73	500.00	280.07	500.00	500.00
101-253-727.000	OFFICE SUPPLIES	9,336.03	4,095.95	3,000.00	1,921.13	3,000.00	3,000.00
101-253-730.000	POSTAGE-GENERAL		11,300.00	11,000.00	5,300.00	10,600.00	10,600.00
101-253-814.000	BANK FEES			2,000.00		2,000.00	2,000.00
101-253-817.000	FINANCIAL CONSULTANT	42,048.90			2,482.00	2,482.00	2,482.00
101-253-818.000	CONTRACTUAL SERVICES		8,168.90	7,800.00	7,022.05	7,800.00	7,800.00
101-253-831.000	TAX STATEMENT PREPARATION	7,367.00	6,596.00	6,500.00	3,511.00	7,000.00	7,000.00

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GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 REQUESTED BUDGET
APPROPRIATIONS							
Dept 253 - TREASURER							
101-253-853.000	TELEPHONE	3,220.61	2,821.91	5,000.00	2,414.37	3,000.00	5,100.00
101-253-921.000	UTILITIES	4,418.74	4,112.04	5,000.00	2,517.49	5,000.00	5,100.00
101-253-960.000	EDUCATION/TRAINING	939.12					
101-253-978.000	EQUIPMENT PURCHASE	1,350.00	2,489.92	(1,000.00)			
101-253-978.001	Equipmt Purchases < \$5,000	801.96	413.12	1,000.00			1,000.00
101-253-978.500	EQUIPMENT LEASE PAYMENTS		513.06	685.00	513.00	985.00	1,400.00
Totals for dept 253 - TREASURER		371,227.23	324,215.10	330,779.84	245,947.93	328,019.70	333,440.00
Dept 262 - ELECTIONS							
101-262-707.000	CLERICAL			46,750.00	28,132.04	38,400.00	40,954.00
101-262-708.000	PART TIME		55,297.25	3,414.00	10,283.50	11,000.00	7,500.00
101-262-709.000	OVERTIME		127.42		81.97	52.00	
101-262-710.000	SALARY ELECTION WORKERS	(25.00)	44,290.73		44.97	45.00	162,325.00
101-262-714.000	FRINGE BENEFITS			5,617.60	2,573.46	5,618.86	4,628.00
101-262-714.010	PENSION NON-REP			5,760.00	3,380.85	5,760.00	6,143.00
101-262-715.000	SOCIAL SECURITY		778.41	3,780.00	2,894.69	3,780.00	7,807.00
101-262-720.000	WORKERS COMP/INSURANCE	77.99					
101-262-727.000	OFFICE SUPPLIES	1,331.35	17,454.88	1,000.00	1,509.53	1,000.00	33,150.00
101-262-730.000	POSTAGE-GENERAL	225.00	3,087.52		1,438.00		6,000.00
101-262-813.000	PUBLISHING		877.06				3,000.00
101-262-818.000	CONTRACTUAL SERVICES		12,221.24		180.00	180.00	15,000.00
101-262-851.000	EQUIPMENT MNT/REPAIRS				486.00	486.00	
101-262-853.000	TELEPHONE		166.50				
101-262-960.000	EDUCATION/TRAINING		1,615.71	3,000.00		3,000.00	4,000.00
101-262-978.000	EQUIPMENT PURCHASE	34,610.00	15,156.76	35,350.00		32,100.00	32,100.00
Totals for dept 262 - ELECTIONS		36,219.34	151,073.48	104,671.60	51,005.01	101,421.86	322,607.00
Dept 265 - TOWNSHIP HALL AND GROUNDS							
101-265-706.000	NON-SUPERVISORY	48,826.43	52,656.78	44,212.95	32,699.53	42,550.00	43,412.85
101-265-709.000	OVERTIME			8,270.38	5,773.01	8,270.00	8,270.00
101-265-713.000	PENSION	10.21	3.46				
101-265-714.000	FRINGE BENEFITS	14,685.46	16,189.85	12,260.00	11,207.56	12,258.12	13,578.31
101-265-714.010	PENSION NON-REP	6,009.91	6,218.81	6,354.95	4,767.80	6,354.00	6,511.93
101-265-715.000	SOCIAL SECURITY	3,465.73	3,745.03	4,015.21	2,764.67	4,015.00	3,953.74
101-265-720.000	WORKERS COMP/INSURANCE	1,301.75	1,419.39	1,640.00	1,055.67	1,640.00	1,640.00
101-265-776.000	MAINT- BLDG & GROUNDS	72,184.95	67,442.34	81,700.00	42,634.51	81,700.00	70,000.00
101-265-815.000	SENIOR CENTER-CONTRACTUAL SERVICES		175.00		220.77	300.00	300.00
101-265-818.000	CONTRACTUAL SERVICES	4,000.00					
101-265-853.000	TELEPHONE	1,769.45	2,723.80	1,769.00	2,016.49	2,154.00	2,200.00
101-265-854.000	UTILITIES-SENIOR CENTER	6,192.95	6,967.53	5,400.00	4,708.24	5,900.00	5,900.00
101-265-858.000	MAINTENANCE-SENIOR CENTER	7,465.09	9,118.98	5,500.00	5,191.50	7,100.00	7,500.00
101-265-921.000	UTILITIES	2,710.14	3,172.39	3,100.00	1,933.03	3,100.00	3,162.00
101-265-942.000	INTERGOVERNMENTAL SERVICE		8,051.00	8,050.00		8,200.00	8,200.00
101-265-978.000	EQUIPMENT PURCHASE	1,742.56	4,090.74	8,414.00	8,414.00	8,414.00	12,500.00
101-265-978.500	EQUIPMENT LEASE PAYMENTS			420.00			
Totals for dept 265 - TOWNSHIP HALL AND GROUNDS		170,364.63	181,975.10	191,106.49	123,386.78	191,955.12	187,128.83
Dept 275 - Retiree Stipends							
101-275-712.000	Cash in Lieu of Benefits (HC Opt C				63,316.12		
Totals for dept 275 - Retiree Stipends					63,316.12		
Dept 290 - GENERAL OPERATING							
101-290-708.000	PART TIME	2,420.00	1,719.20	2,590.00	1,748.00	2,590.00	2,700.00
101-290-714.000	FRINGE BENEFITS	(954.05)	850.36		673.15		

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APPROPRIATIONS							
Dept 290 - GENERAL OPERATING							
101-290-714.020	PENSION /OPEB CONTRIBUTION			1,200,000.00	1,200,000.00	1,200,000.00	1,000,000.00
101-290-714.500	FRINGE BENEFITS - RETIREES	66,126.30	72,041.21	74,366.00	48,105.99	74,366.00	65,463.53
101-290-715.000	SOCIAL SECURITY	185.11	131.50	198.66	133.73	198.00	206.55
101-290-722.000	UNEMPLOYMENT INSURANCE	670.82					
101-290-730.000	POSTAGE-GENERAL	37,655.89	18,555.53	19,000.00	16,088.44	19,000.00	19,000.00
101-290-814.000	BANK FEES	3,761.00	4,628.00	4,300.00	3,230.00	4,300.00	4,300.00
101-290-818.000	CONTRACTUAL SERVICES	34,390.00	96,044.81	59,800.00	53,179.25	59,000.00	85,000.00
101-290-825.000	LEGAL-PROCSECUTIONS		74,006.65	75,000.00	43,947.76	75,000.00	75,000.00
101-290-826.000	LEGAL	54,574.77	53,743.52	55,000.00	29,151.90	55,000.00	55,000.00
101-290-827.000	LEGAL-PLANNING		17,088.73	34,000.00	29,182.84	34,000.00	34,000.00
101-290-828.000	LEGAL-LABOR RELATIONS		13,687.89	30,000.00	24,816.33	30,000.00	10,000.00
101-290-851.000	EQUIPMENT MNT/REPAIRS	2,867.64	5,764.06				
101-290-914.000	TOWNSHIP HALL		250.00				
101-290-941.000	COMPUTER SERVICES	113,261.26	102,963.04	158,370.00	75,086.54	158,370.00	225,370.00
101-290-958.000	MEMBERSHIP/DUES	15,193.00	16,296.26	15,000.00	10,225.00	15,000.00	16,076.00
101-290-960.000	EDUCATION/TRAINING	290.00					
101-290-963.000	MISCELLANEOUS EXPENSE	326.50	190.69	2,000.00		2,000.00	2,000.00
101-290-973.030	STORMWATER GRANT-PERMIT, EDUC & TR	13,344.30					
101-290-978.000	EQUIPMENT PURCHASE	25,557.04			1,500.00	2,795.00	94,000.00
101-290-978.500	EQUIPMENT LEASE PAYMENTS			210.00		270.00	256.00
101-290-980.000	OPERATING TRANSFER OUT	526,585.60	(107,976.02)	274,170.00	50,000.00	274,170.00	274,170.00
101-290-995.000	DEBT SERVICE		592,988.40	647,029.00	514,899.81	647,029.00	648,768.00
101-290-995.500	DEBT SERVICE-INTEREST		163,043.06	178,700.00	77,782.56	178,700.00	130,349.00
Totals for dept 290 - GENERAL OPERATING		896,255.18	1,126,016.89	2,829,733.66	2,179,751.30	2,831,788.00	2,741,659.08
Dept 305 - LAW ENFORCEMENT							
101-305-703.000	ELECTED OFFICIALS	336,455.93	258,420.57	340,930.85	231,152.80	340,930.85	361,801.85
101-305-705.000	SUPERVISORY	486,870.41	449,675.31	466,061.24	384,336.78	466,061.00	455,623.20
101-305-706.000	NON-SUPERVISORY	1,528,646.98	1,475,816.52	1,627,952.33	1,180,422.70	1,627,952.00	1,653,350.00
101-305-707.000	CLERICAL	92,070.62	73,559.21	51,535.74	39,182.58	51,536.00	52,262.82
101-305-708.000	PART TIME	38,706.23	25,219.20	20,710.00	15,009.19	20,710.53	47,946.60
101-305-709.000	OVERTIME	76,297.66	129,947.53	100,133.48	85,618.51	100,133.00	100,000.00
101-305-709.040	HOLIDAY PAY	76,338.72	90,326.94	92,759.92	17,772.44	92,759.00	89,092.96
101-305-709.060	SHIFT DIFFERENTIAL			14,600.00	3,359.02	14,600.00	18,000.00
101-305-714.000	FRINGE BENEFITS	301,521.71	269,823.34	234,550.00	203,987.76	234,381.00	274,380.87
101-305-714.010	PENSION NON-REP	27,008.89	21,242.73	25,797.49	12,879.10	25,797.00	26,186.41
101-305-714.030	PENSION POLICE	436,177.90	443,209.09	559,343.95	419,584.34	559,344.00	670,871.22
101-305-714.500	FRINGE BENEFITS - RETIREES	102,678.83	157,024.31	169,822.00	110,914.90	169,822.00	173,475.00
101-305-715.000	SOCIAL SECURITY	198,920.72	187,129.68	213,835.76	149,083.75	207,673.20	212,262.82
101-305-720.000	WORKERS COMP/INSURANCE	48,235.34	48,516.37	48,100.00	35,378.96	49,292.00	47,656.00
101-305-727.000	OFFICE SUPPLIES	8,579.75	8,873.35	16,300.00	9,696.10	16,300.00	10,000.00
101-305-758.000	UNIFORMS	22,912.28	22,142.05	15,000.00	13,511.27	15,000.00	15,000.00
101-305-776.000	MAINT- BLDG & GROUNDS	29,691.27	31,487.01	25,000.00	13,027.42	25,000.00	25,000.00
101-305-818.000	CONTRACTUAL SERVICES	34,505.06	65,008.76	29,500.00	21,802.50	29,500.00	48,250.00
101-305-819.000	DOG POUND FEES	1,150.00	924.00	1,500.00	325.00	1,000.00	1,000.00
101-305-826.000	LEGAL	76,598.69					
101-305-832.000	CORRECTIONS CHARGES	3,605.00	2,205.00	6,000.00	665.00	3,000.00	6,000.00
101-305-851.000	EQUIPMENT MNT/REPAIRS	11,869.87	11,013.48	15,975.00	13,776.01	15,975.00	11,000.00
101-305-853.000	TELEPHONE	14,199.33	10,370.99	15,500.00	7,772.46	15,500.00	15,500.00
101-305-863.000	AUTO EXPENSE/LEASE	91,903.29	96,846.66	110,000.00	74,706.15	110,000.00	110,000.00
101-305-885.000	COMMUNITY SERVICE		643.92	5,000.00		5,000.00	5,000.00
101-305-921.000	UTILITIES	34,960.10	32,556.49	35,700.00	20,010.44	35,700.00	35,700.00
101-305-958.000	MEMBERSHIP/DUES	855.00	880.00	1,000.00	3,610.00	3,610.00	5,000.00
101-305-960.000	EDUCATION/TRAINING	31,954.88	26,941.13	45,000.00	20,051.10	45,000.00	30,000.00
101-305-962.000	CANINE EXPENSES	52.31	1,233.00				

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APPROPRIATIONS							
Dept 305 - LAW ENFORCEMENT							
101-305-963.000	MISCELLANEOUS EXPENSE	1,042.28	1,373.38	2,000.00	260.54	2,000.00	2,000.00
101-305-963.010	GRANT EXPENDITURES-1	3,840.66					
101-305-978.000	EQUIPMENT PURCHASE	9,557.93	40,229.42	11,557.00	22,320.46	14,358.00	66,450.00
101-305-978.001	Equipt Purchases < \$5,000	270.00			186.76	187.00	
101-305-978.500	EQUIPMENT LEASE PAYMENTS			5,108.00	1,971.44	5,108.00	5,831.00
Totals for dept 305 - LAW ENFORCEMENT		4,127,477.64	3,982,639.44	4,306,272.76	3,112,375.48	4,303,229.58	4,574,640.75
Dept 315 - EMERGENCY PREPAREDNESS							
101-315-950.000	SCHOOL CROSSING GUARD	9,690.46	9,132.54	12,000.00	8,827.07	12,000.00	12,000.00
101-315-951.000	EMERGENCY PREPAREDNESS	5,074.02	6,406.82	5,000.00	8,096.19	8,096.00	8,096.00
Totals for dept 315 - EMERGENCY PREPAREDNESS		14,764.48	15,539.36	17,000.00	16,923.26	20,096.00	20,096.00
Dept 325 - COMMUNICATIONS							
101-325-705.000	SUPERVISORY		58,009.25	70,200.00	54,565.14	70,200.00	72,080.83
101-325-706.000	NON-SUPERVISORY	612,529.22	627,407.39	670,000.00	544,943.13	670,000.00	680,516.28
101-325-707.000	CLERICAL	49,642.46	54,571.16	52,479.39	42,189.10	52,479.00	56,162.82
101-325-709.000	OVERTIME	58,245.24	44,042.85	47,621.39	41,157.70	43,700.00	44,000.00
101-325-709.040	HOLIDAY PAY	29,201.12	35,443.82	33,500.00	12,008.67	33,500.00	35,561.28
101-325-714.000	FRINGE BENEFITS	116,865.31	127,364.60	110,700.00	86,502.02	110,699.00	120,699.60
101-325-714.010	PENSION NON-REP	6,821.14	7,391.88	7,686.54	5,833.40	7,687.00	7,839.42
101-325-714.050	PENSION COMMUNICATIONS	102,864.60	113,064.00	136,380.00	99,054.16	136,380.00	149,058.12
101-325-714.500	FRINGE BENEFITS - RETIREES	3,236.57	9,749.96	7,000.00	5,725.73	7,000.00	7,600.00
101-325-715.000	SOCIAL SECURITY	54,658.67	60,700.27	66,765.90	46,640.62	66,765.00	67,956.57
101-325-720.000	WORKERS COMP/INSURANCE	2,523.72	2,215.22	2,600.00	1,692.65	2,266.00	2,298.00
101-325-727.000	OFFICE SUPPLIES	6,077.09	8,120.16	3,500.00	2,587.93	3,500.00	4,500.00
101-325-727.400	OFFICE SUPPLIES LOCKUP & RECORDS		1,418.79	2,000.00	1,674.79	2,000.00	2,000.00
101-325-758.000	UNIFORMS	4,165.95	3,748.92	3,000.00	958.37	3,000.00	3,000.00
101-325-776.000	MAINT- BLDG & GROUNDS		330.00	16,000.00	15,018.48	16,000.00	2,000.00
101-325-818.000	CONTRACTUAL SERVICES	69,541.56	36,744.58	39,000.00	18,866.75	36,000.00	39,000.00
101-325-818.400	CONTRACTUAL SERVICES- LOCKUP & REC	262.50	5,153.11	6,000.00	2,569.57	6,000.00	5,000.00
101-325-828.000	LEGAL-LABOR RELATIONS	5,503.13					
101-325-835.000	PHYSICAL EXAMS	104.50	340.50	750.00	272.50	750.00	750.00
101-325-851.000	EQUIPMENT MNT/REPAIRS	24,864.75	21,826.76	24,000.00	16,264.75	24,000.00	17,000.00
101-325-851.400	EQUIPT MAINT/REPAIR LOCKUP & RECOF		1,340.65	1,300.00	1,310.25	1,300.00	1,300.00
101-325-853.000	TELEPHONE	13,333.20	13,403.35	3,825.00	2,759.08	4,100.00	4,200.00
101-325-853.400	TELEPHONE LOCKUP & RECORDS		109.44	12,185.00	8,428.00	12,185.00	12,185.00
101-325-921.000	UTILITIES	14,554.50	6,728.54	15,300.00	4,146.10	6,000.00	7,000.00
101-325-921.400	UTILITIES LOCKUP & RECORDS		6,815.83		4,146.10	6,000.00	7,000.00
101-325-958.000	MEMBERSHIP/DUES	50.00	175.00	100.00	55.00	100.00	100.00
101-325-960.000	EDUCATION/TRAINING	7,301.22	5,638.17	8,000.00	6,206.01	8,000.00	6,000.00
101-325-963.000	MISCELLANEOUS EXPENSE	624.99	508.52	3,000.00	822.55	2,000.00	2,000.00
101-325-978.000	EQUIPMENT PURCHASE	24,397.09	2,944.23	302,800.00	311,184.22	310,800.00	82,821.00
101-325-978.001	Equipt Purchases < \$5,000		1,487.98				
Totals for dept 325 - COMMUNICATIONS		1,207,368.53	1,256,794.93	1,645,693.22	1,337,582.77	1,642,411.00	1,439,628.92
Dept 336 - FIRE							
101-336-703.000	ELECTED OFFICIALS	107,419.64	111,151.54	111,644.20	86,049.31	111,645.00	115,000.00
101-336-705.000	SUPERVISORY	661,601.20	859,621.49	818,000.00	674,383.57	818,000.00	860,000.00
101-336-706.000	NON-SUPERVISORY	885,310.12	707,635.18	886,000.00	687,357.06	886,000.00	982,000.00
101-336-707.000	CLERICAL	42,134.75	43,450.95	43,000.00	34,146.00	43,000.00	46,000.00
101-336-708.000	PART TIME	6,007.18					
101-336-709.000	OVERTIME	109,391.72	175,755.99	100,000.00	106,616.57	112,540.00	130,000.00
101-336-709.010	ACT 604 OVERTIME	66,969.19	65,758.79	90,000.00	56,396.60	90,000.00	90,000.00
101-336-709.020	FOOD & CLOTHING ALLOWANCE	24,349.90	26,998.38	32,196.63	28,460.00	32,196.00	21,600.00

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APPROPRIATIONS							
Dept 336 - FIRE							
101-336-709.030	ALS PAY			72,000.00		72,000.00	100,858.30
101-336-709.040	HOLIDAY PAY	68,963.78	70,775.16	91,000.00		91,000.00	96,000.00
101-336-714.000	FRINGE BENEFITS	278,996.32	288,275.69	273,315.00	194,040.48	273,165.00	287,542.11
101-336-714.010	PENSION NON-REP	6,320.25	7,862.00	6,450.00	5,070.84	6,450.00	6,750.00
101-336-714.020	PENSION /OPEB CONTRIBUTION	410,722.53	1,622,485.95	687,552.52	482,963.98	687,552.00	552,231.00
101-336-714.500	FRINGE BENEFITS - RETIREES	303,187.11	340,047.87	320,000.00	249,612.30	320,000.00	330,482.27
101-336-715.000	SOCIAL SECURITY	146,382.82	153,165.04	172,497.28	125,342.47	172,497.00	186,771.56
101-336-720.000	WORKERS COMP/INSURANCE	51,118.00	53,480.91	55,821.00	40,739.24	54,566.00	55,000.00
101-336-727.000	OFFICE SUPPLIES	9,789.49	6,155.80	5,000.00	2,609.80	5,000.00	10,000.00
101-336-729.000	SUBSCRIPTIONS, DUES & MEMBERSHIPS	13,454.14	9,047.14	8,000.00	5,721.64	8,000.00	10,000.00
101-336-747.000	EXTINGUISHER RECHARGE/SCBE			1,000.00		1,000.00	2,000.00
101-336-758.000	UNIFORMS	15,940.02	5,159.70	6,000.00	5,203.15	6,000.00	15,000.00
101-336-758.100	TURN OUT GEAR		22,962.72	17,000.00	10,279.96	17,000.00	12,000.00
101-336-776.000	MAINT- BLDG & GROUNDS	46,771.21	46,281.96	56,000.00	30,741.26	56,000.00	50,000.00
101-336-818.000	CONTRACTUAL SERVICES		14,040.00	7,905.00	7,905.00	7,905.00	10,000.00
101-336-824.000	LICENSES & SOFTWARE MAINT FEES	5,434.47	18,715.20	16,000.00	10,408.86	16,000.00	20,000.00
101-336-826.000	LEGAL	9,530.64	354.38				
101-336-835.000	PHYSICAL EXAMS	15,555.25	20,424.00	10,000.00	4,642.50	10,000.00	20,000.00
101-336-836.000	RESCUE SERVICE SUPPLIES	20,303.52	28,309.14	24,000.00	21,408.96	24,000.00	30,000.00
101-336-851.000	EQUIPMENT MNT/REPAIRS	16,267.81	17,067.52	28,625.00	20,309.55	28,625.00	20,000.00
101-336-853.000	TELEPHONE	17,096.86	13,841.44	14,000.00	9,020.44	14,000.00	14,000.00
101-336-863.000	AUTO EXPENSE/LEASE	110,020.99	130,649.34	100,000.00	71,168.33	100,000.00	85,000.00
101-336-873.000	TRAVEL EXPENSE	17.65	16.89	500.00	332.48	500.00	500.00
101-336-885.000	COMMUNITY SERVICE	984.24	2,984.95	2,000.00		2,000.00	2,000.00
101-336-921.000	UTILITIES	65,150.67	63,121.03	60,000.00	42,441.68	60,000.00	60,000.00
101-336-959.000	TRANSPORT BILLING	3,438.00	7,051.75	6,000.00	6,096.07	8,500.00	10,000.00
101-336-960.000	EDUCATION/TRAINING	19,574.45	18,659.58	20,000.00	14,678.09	20,000.00	22,500.00
101-336-963.000	MISCELLANEOUS EXPENSE	3,050.75	5,333.16	5,000.00	3,955.54	5,000.00	5,000.00
101-336-978.000	EQUIPMENT PURCHASE	250,921.26	499,554.32	1,052,693.00	949,420.98	1,052,693.00	155,000.00
101-336-978.001	Equipmt Purchases < \$5,000			10,000.00	6,170.42	10,000.00	50,000.00
101-336-978.500	EQUIPMENT LEASE PAYMENTS		598.64	1,197.00	897.96	1,200.00	115,000.00
101-336-979.000	SMALL TOOLS	1,543.81	3,640.85	3,347.65	4,544.73	4,600.00	3,000.00
Totals for dept 336 - FIRE		3,793,719.74	5,460,434.45	5,213,744.28	3,999,135.82	5,228,634.00	4,581,235.24
Dept 371 - BUILDING							
101-371-705.000	SUPERVISORY	93,573.70	95,738.71	96,116.83	72,521.06	96,116.00	98,999.00
101-371-706.000	NON-SUPERVISORY	110,226.51	121,763.84	65,754.41	49,574.82	65,800.00	66,235.08
101-371-707.000	CLERICAL	48,834.48	50,957.69	57,291.85	43,401.12	57,291.00	99,899.00
101-371-708.000	PART TIME			25,000.00	11,227.29	25,000.00	25,900.00
101-371-709.000	OVERTIME	539.68	2,386.80	55.30	1,909.85	1,852.00	
101-371-714.000	FRINGE BENEFITS	49,425.07	49,089.50	42,752.00	37,056.59	40,179.00	60,339.00
101-371-714.010	PENSION NON-REP	34,043.36	36,518.69	31,000.62	24,721.89	31,000.00	39,051.00
101-371-714.500	FRINGE BENEFITS		535.22		142.83	126.00	
101-371-715.000	SOCIAL SECURITY	18,793.49	19,986.33	18,682.00	13,311.28	18,682.00	21,898.00
101-371-720.000	WORKERS COMP/INSURANCE	1,495.93	1,334.13	1,225.00	975.88	1,300.00	1,300.00
101-371-727.000	OFFICE SUPPLIES	7,165.24	5,984.69	5,100.00	2,771.82	5,100.00	5,000.00
101-371-727.500	OFFICE SUPPLIES -PLANNING		871.20		24.61	30.00	30.00
101-371-758.000	UNIFORMS			900.00	893.94	1,800.00	800.00
101-371-818.000	CONTRACTUAL SERVICES	121,645.75	127,377.17	137,700.00	106,510.52	137,000.00	145,000.00
101-371-818.500	CONTRACTUAL SERVICES-PLANNING	(2,867.50)	134,435.10	120,000.00	87,832.50	120,000.00	120,000.00
101-371-826.000	LEGAL	3,469.08					
101-371-851.000	EQUIPMENT MNT/REPAIRS	283.80			215.00	215.00	
101-371-851.500	EQUIPTMNT/REPAIR PLANNING		111.73		58.19	46.00	
101-371-853.000	TELEPHONE	6,615.05	5,419.29	6,630.00	4,659.92	6,630.00	6,765.00
101-371-853.500	TELEPHONE- PLANNING		974.88	1,530.00	913.14		

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APPROPRIATIONS							
Dept 371 - BUILDING							
101-371-863.000	AUTO EXPENSE/LEASE	7,890.54	7,696.51	7,000.00	5,771.10	7,000.00	7,500.00
101-371-921.000	UTILITIES	7,664.45	7,132.51	7,680.00	4,366.70	7,680.00	7,680.00
101-371-921.500	UTILITIES-PLANNING		3,995.46	4,300.00	2,446.15	4,000.00	4,000.00
101-371-942.000	INTERGOVERNMENTAL SERVICE		29,002.56	34,496.00	17,558.00	34,496.00	35,196.00
101-371-958.000	MEMBERSHIP/DUES	999.00	1,963.47	1,000.00	220.00		2,000.00
101-371-960.000	EDUCATION/TRAINING	2,329.73	2,275.41	2,850.00	297.39	2,850.00	3,860.00
101-371-965.000	REFUNDS	1,455.00	8,152.00	2,500.00	1,811.00	1,000.00	10,000.00
101-371-978.000	EQUIPMENT PURCHASE	5,839.39	16,553.00	15,575.00	2,360.52	15,575.00	
101-371-978.001	Equipt Purchases < \$5,000						5,200.00
101-371-978.100	EQUIPMENT PURCHASES-PLANNING				185.82		
101-371-978.500	EQUIPMENT LEASE PAYMENTS		598.58	1,221.00	830.98	1,452.00	1,452.00
Totals for dept 371 - BUILDING		519,421.75	730,854.47	686,360.01	494,569.91	682,220.00	768,104.08
Dept 400 - COMMUNITY DEVELOPMENT							
101-400-705.000	SUPERVISORY	8,288.53					
101-400-707.000	CLERICAL	21,012.00					
101-400-714.000	FRINGE BENEFITS	5,404.15					
101-400-714.010	PENSION NON-REP	3,351.30					
101-400-715.000	SOCIAL SECURITY	2,050.07					
101-400-720.000	WORKERS COMP/INSURANCE	58.97					
101-400-727.000	OFFICE SUPPLIES	1,591.86			374.93		
101-400-818.000	CONTRACTUAL SERVICES	156,803.09					
101-400-851.000	EQUIPMENT MNT/REPAIRS	108.06			21.86		
101-400-853.000	TELEPHONE	4,362.94					
101-400-921.000	UTILITIES	4,293.47					
Totals for dept 400 - COMMUNITY DEVELOPMENT		207,324.44			396.79		
Dept 442 - INTERGOVERNMENTAL							
101-442-942.000	INTERGOVERNMENTAL SERVICE	62,630.10	87,215.56	87,441.00	80,000.00	90,000.00	90,000.00
Totals for dept 442 - INTERGOVERNMENTAL		62,630.10	87,215.56	87,441.00	80,000.00	90,000.00	90,000.00
Dept 446 - TRAFFIC AND SAFETY							
101-446-731.000	SALT	8,247.50	11,465.15	5,000.00	6,111.50	6,200.00	6,200.00
101-446-732.000	ASHPHALT& COLDPATCH		796.95	2,000.00		2,000.00	2,000.00
101-446-818.000	CONTRACTUAL SERVICES	743,370.34	31,274.46	13,440.00	12,712.24	10,900.00	11,000.00
101-446-851.000	EQUIPMENT MNT/REPAIRS	853.15	168.52				
101-446-920.000	STREET LIGHTING	69,326.70	51,230.31	52,000.00	36,914.35	52,000.00	52,000.00
101-446-920.010	SWEEPER MAINTENANCE	82.38					
101-446-970.000	CAPITAL OUTLAY			300,000.00	12,490.00	300,000.00	
Totals for dept 446 - TRAFFIC AND SAFETY		821,880.07	94,935.39	372,440.00	68,228.09	371,100.00	71,200.00
Dept 528 - WATER/REFUSE COLL & DISP							
101-528-727.000	OFFICE SUPPLIES		27.83				
Totals for dept 528 - WATER/REFUSE COLL & DISP			27.83				
Dept 691 - PARK							
101-691-708.000	PART TIME	167,946.47	126,653.58	128,000.00	94,539.75	128,000.00	128,000.00
101-691-709.000	OVERTIME	1,624.74	1,236.85		33.00	33.00	
101-691-714.000	FRINGE BENEFITS	(73.54)	1,217.97		1,979.92		
101-691-714.500	FRINGE BENEFITS - RETIREES		3,975.00	3,975.00		3,975.00	3,975.00
101-691-715.000	SOCIAL SECURITY	12,972.34	9,783.68	9,792.50	7,234.87	9,792.00	9,792.00
101-691-720.000	WORKERS COMP/INSURANCE	2,706.27	2,991.20	2,600.00	2,478.52	3,336.00	3,336.00
101-691-727.000	OFFICE SUPPLIES	2,150.30	187.56	500.00	162.07	500.00	500.00
101-691-758.000	UNIFORMS	271.69	215.69	500.00	203.78	500.00	500.00

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APPROPRIATIONS							
Dept 691 - PARK							
101-691-818.000	CONTRACTUAL SERVICES	10,540.14	1,944.00	25,625.00	16,178.22	25,625.00	30,625.00
101-691-853.000	TELEPHONE	2,798.69	2,661.92	2,550.00	1,788.49	2,550.00	2,600.00
101-691-863.000	AUTO EXPENSE/LEASE	9,370.45	5,169.00	5,051.00	4,186.82	5,051.00	5,000.00
101-691-921.000	UTILITIES	45,924.20	52,690.35	47,700.00	40,132.07	47,700.00	47,700.00
101-691-931.000	BUILDING/GROUND MNT	29,933.02	36,568.34	42,500.00	38,249.43	56,813.00	68,250.00
101-691-931.500	EQUIPMENT REPAIR & MAINT		2,842.55		726.01	1,200.00	1,200.00
101-691-942.000	INTERGOVERNMENTAL SERVICE	16,832.72	15,132.40	16,764.00	8,721.52	16,764.00	17,440.00
101-691-970.000	CAPITAL OUTLAY	1,401.52					
101-691-978.000	EQUIPMENT PURCHASE	34,707.77	159,477.89	39,500.00	36,818.85	36,000.00	65,000.00
101-691-978.001	Equipmt Purchases < \$5,000	5,762.71	639.16				
Totals for dept 691 - PARK		344,869.49	423,387.14	325,057.50	253,433.32	337,839.00	383,918.00
Dept 801 - PLANNING COMMISSION							
101-801-704.000	SALARY-BOARD	11,990.00	12,481.73	14,000.00	8,070.00	12,000.00	12,000.00
101-801-715.000	SOCIAL SECURITY	917.30	920.36	1,075.00	617.40	918.00	918.00
101-801-720.000	WORKERS COMP/INSURANCE	11.47		25.00			
101-801-813.000	PUBLISHING	807.14	594.17	1,000.00	1,092.24	1,000.00	1,000.00
101-801-826.000	LEGAL	13,187.28					
101-801-861.000	EXPENSE ALLOWANCE	650.00	650.00	650.00	675.00	675.00	675.00
Totals for dept 801 - PLANNING COMMISSION		27,563.19	14,646.26	16,750.00	10,454.64	14,593.00	14,593.00
Dept 815 - BOARD OF APPEALS							
101-815-704.000	SALARY-BOARD	3,900.00	4,400.00	4,200.00	2,600.00	2,300.00	4,000.00
101-815-715.000	SOCIAL SECURITY	298.35	336.60	325.00	198.90	176.00	306.00
Totals for dept 815 - BOARD OF APPEALS		4,198.35	4,736.60	4,525.00	2,798.90	2,476.00	4,306.00
Dept 851 - BLOCK GRANT							
101-851-971.000	BLOCK GRANT	132,843.48	89,425.08	80,587.00	12,838.10	80,587.00	20,000.00
Totals for dept 851 - BLOCK GRANT		132,843.48	89,425.08	80,587.00	12,838.10	80,587.00	20,000.00
Dept 954 - INSURANCE							
101-954-912.000	MUNICIPAL RISK INSURANCE	343,526.00	351,052.00	356,178.00	178,089.00	356,178.00	356,178.00
Totals for dept 954 - INSURANCE		343,526.00	351,052.00	356,178.00	178,089.00	356,178.00	356,178.00
Dept 955 - COMMUNITY SERVICE							
101-955-885.000	COMMUNITY SERVICE	58,550.36	59,586.37	43,100.00	24,191.14	45,000.00	45,000.00
Totals for dept 955 - COMMUNITY SERVICE		58,550.36	59,586.37	43,100.00	24,191.14	45,000.00	45,000.00
TOTAL APPROPRIATIONS		14,640,091.67	15,889,315.10	18,270,408.94	13,467,198.28	18,279,641.83	17,584,339.69
NET OF REVENUES/APPROPRIATIONS - FUND 101		144,158.29	254,555.86	147,173.06	1,559,298.22	143,064.17	211,096.31
BEGINNING FUND BALANCE		3,910,762.50	4,054,920.79	4,309,476.65	4,309,476.65	4,309,476.65	4,452,540.82
ENDING FUND BALANCE		4,054,920.79	4,309,476.65	4,456,649.71	5,868,774.87	4,452,540.82	4,663,637.13

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Fund: 265 DRUG LAW ENFORCEMENT FUND - FEDERAL

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GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 DEPARTMENT REQUESTED BUDGET
ESTIMATED REVENUES							
Dept 300 - DRUG LAW ENFORCEMENT							
265-300-657.010	FORFEITURE REVENUE - FEDERAL	224,947.37	211,390.40		15,298.64	12,350.56	
265-300-664.000	INTEREST INCOME	1,453.58	3,722.89		2,633.23	2,111.30	
265-300-697.000	SALE OF FIXED ASSETS	13,685.00	17,175.00		43,269.94	43,269.94	
265-300-978.010	EQUIPMENT PURCHASE REIMBURSEMENT	100.00	12,341.25		18,949.46	18,949.46	
Totals for dept 300 - DRUG LAW ENFORCEMENT		240,185.95	244,629.54		80,151.27	76,681.26	
TOTAL ESTIMATED REVENUES		240,185.95	244,629.54		80,151.27	76,681.26	

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GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 DEPARTMENT REQUESTED BUDGET
APPROPRIATIONS							
Dept 300 - DRUG LAW ENFORCEMENT							
265-300-808.000	INDEPENDENT AUDIT			6,785.00	6,785.00	6,785.00	
265-300-960.000	EDUCATION/TRAINING		5,550.00	2,500.00		2,500.00	
265-300-962.000	CANINE EXPENSES		(1,233.00)				
265-300-978.000	EQUIPMENT PURCHASE		297,430.12	64,871.00	70,639.80	70,639.80	
265-300-978.001	Equipt Purchases < \$5,000			9,621.00		9,621.00	59,850.00
Totals for dept 300 - DRUG LAW ENFORCEMENT			301,747.12	83,777.00	77,424.80	89,545.80	59,850.00
TOTAL APPROPRIATIONS			301,747.12	83,777.00	77,424.80	89,545.80	59,850.00
NET OF REVENUES/APPROPRIATIONS - FUND 265		240,185.95	(57,117.58)	(83,777.00)	2,726.47	(12,864.54)	(59,850.00)
BEGINNING FUND BALANCE		85,602.52	325,788.47	268,670.89	268,670.89	268,670.89	255,806.35
ENDING FUND BALANCE		325,788.47	268,670.89	184,893.89	271,397.36	255,806.35	195,956.35

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Page:

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Fund: 266 DRUG LAW ENFORCEMENT FUND - STATE

Calculations as of 09/30/2019

GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 DEPARTMENT REQUESTED BUDGET
ESTIMATED REVENUES							
Dept 300 - DRUG LAW ENFORCEMENT							
266-300-657.000	FORFEITURE REVENUE - STATE	37,951.45	18,814.57		237,118.10	237,118.10	
266-300-664.000	INTEREST INCOME	642.64	962.25		1,257.86	556.92	
266-300-697.000	SALE OF FIXED ASSETS	9,370.00					
Totals for dept 300 - DRUG LAW ENFORCEMENT		47,964.09	19,776.82		238,375.96	237,675.02	
TOTAL ESTIMATED REVENUES		47,964.09	19,776.82		238,375.96	237,675.02	

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Page: 2/2

Fund: 266 DRUG LAW ENFORCEMENT FUND - STATE

Calculations as of 09/30/2019

GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 DEPARTMENT REQUESTED BUDGET
APPROPRIATIONS							
Dept 300 - DRUG LAW ENFORCEMENT							
266-300-818.000	CONTRACTUAL SERVICES		7,713.00				
266-300-978.000	EQUIPMENT PURCHASE	184,482.66	175.00		1,572.00	1,572.00	197,000.00
266-300-978.001	Equipt Purchases < \$5,000						1,500.00
Totals for dept 300 - DRUG LAW ENFORCEMENT		184,482.66	7,888.00		1,572.00	1,572.00	198,500.00
TOTAL APPROPRIATIONS		184,482.66	7,888.00		1,572.00	1,572.00	198,500.00
NET OF REVENUES/APPROPRIATIONS - FUND 266		(136,518.57)	11,888.82		236,803.96	236,103.02	(198,500.00)
BEGINNING FUND BALANCE		185,882.66	49,364.09	61,252.91	61,252.91	61,252.91	297,355.93
ENDING FUND BALANCE		49,364.09	61,252.91	61,252.91	298,056.87	297,355.93	98,855.93

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Page:

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Fund: 267 DRUG LAW ENFORCEMENT - IRS

Calculations as of 09/30/2019

GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 DEPARTMENT REQUESTED BUDGET
ESTIMATED REVENUES							
Dept 300 - DRUG LAW ENFORCEMENT							
267-300-657.020	FORFEITURE REVENUE - IRS	69,842.03	43,620.29				
267-300-664.000	INTEREST INCOME	273.42	981.66		696.79	543.07	
Totals for dept 300 - DRUG LAW ENFORCEMENT		70,115.45	44,601.95		696.79	543.07	
TOTAL ESTIMATED REVENUES		70,115.45	44,601.95		696.79	543.07	

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BUDGET REPORT FOR CHARTER TOWNSHIP OF PLYMOUTH

Page:

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Fund: 267 DRUG LAW ENFORCEMENT - IRS

Calculations as of 09/30/2019

GL NUMBER	DESCRIPTION	2017 ACTIVITY	2018 ACTIVITY	2019 AMENDED BUDGET	2019 ACTIVITY THRU 09/30/19	2019 PROJECTED ACTIVITY	2020 DEPARTMENT REQUESTED BUDGET
APPROPRIATIONS							
Dept 300 - DRUG LAW ENFORCEMENT							
267-300-978.000	EQUIPMENT PURCHASE	2,665.00	41,837.16		1,836.93	1,836.93	
267-300-978.500	EQUIPMENT LEASE PAYMENTS		1,416.15		1,416.15	1,416.15	
Totals for dept 300 - DRUG LAW ENFORCEMENT		2,665.00	43,253.31		3,253.08	3,253.08	
TOTAL APPROPRIATIONS		2,665.00	43,253.31		3,253.08	3,253.08	
NET OF REVENUES/APPROPRIATIONS - FUND 267		67,450.45	1,348.64		(2,556.29)	(2,710.01)	
BEGINNING FUND BALANCE			67,450.45	68,799.09	68,799.09	68,799.09	66,089.08
ENDING FUND BALANCE		67,450.45	68,799.09	68,799.09	66,242.80	66,089.08	66,089.08

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.3
COLONY FARMS SAD ENGINEERING
REQUEST
RESOLUTION #2019-11-12-101**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Special Assessment District for Colony Farms Subdivision, **Resolution #2019-11-12-101**

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

BACKGROUND:

The clerk validated the signatures on the preliminary petition received for a proposed Special Assessment District (SAD) for public road improvements in Colony Farms Subdivision. The submitted petition demonstrates adequate support from property owners within the proposed district to allow the board to authorize preliminary engineering.

As described in the township's revised procedure for conducting a SAD for road improvements, the purpose of the preliminary petition is to determine if adequate support exists for the township to conduct preliminary engineering only. Adequate support exists if validated signatures represent:

- 51% or greater based on the total frontage of the SAD.

The petition subject to tonight's board meeting demonstrates adequate support as described above. **In addition, the petition signatures represent 51% or greater based on the total number of units within the SAD.**

If preliminary engineering is authorized tonight, the township (namely, its consultant engineers for road projects) will perform the work at no cost to the residents. After preliminary engineering is complete, however, a separate final petition citing the SAD project cost estimate will be prepared to determine if adequate support exists for the SAD to move forward (i.e., establish the SAD). The SAD project cost estimate will include all costs incurred by the Township to date including costs associated with preliminary engineering.

ACTION REQUESTED:

To authorize OHM Advisors, township's consulting engineers for road projects, to conduct preliminary engineering for the proposed SAD project.

BUDGET/ACCOUNT NUMBER:

Not to Exceed \$14,800/General Fund 805-805-970.390

PROPOSED MOTION: I move to adopt **Resolution #2019-11-12-101** authorizing the engineering firm OHM Advisors to perform preliminary engineering under Step F of the Township's Summary of Events: SAD Program for Road Improvements dated July 2019 for the proposed Colony Farms Subdivision SAD Road Improvements project as submitted and described on the received petition for a cost not to exceed Fourteen Thousand Eight Hundred Dollars (\$14,800.00).

Attachments:

1. Tentative Roll Colony Farms SAD
2. SAD Figure Colony Farms SAD
3. Project Description Colony Farms SAD
4. OHM Cost Prelim. Eng. Proposal Colony Farms SAD

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION TO APPROVE PRELIMINARY ENGINEERING FOR
COLONY FARMS SUBDIVISION
SPECIAL ASSESSMENT DISTRICT**

RESOLUTION # 2019-11-12-101

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 12, 2019, the following resolution was offered:

WHEREAS, residents of Colony Farms Subdivision have expressed interest in establishing a special assessment district for the purpose of road repairs; and,

WHEREAS, the township has received adequate support, in the form of signed petitions, from a majority of property owners within the proposed district to allow the board to authorize preliminary engineering; and,

WHEREAS, the township board of trustees can act in accordance with past practice and authorize the expenditures for procuring the services of OHM Advisors, to prepare a plan showing the improvement, location and estimated costs for preliminary engineering for the proposed project;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-11-12-101** authorizing OHM Advisors to prepare a plan that encompasses all aspects of the above services at a cost not to exceed \$14,800.00 which will come from the General Fund, Account #805-805-970.360 for this purpose.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
COLONY FARMS S.A.D.
COLONY FARMS SUBDIVISION

Assumptions:

1) Frontage is defined by lots abutting Pino Court, Brewster Court, Bradford Court, Colony Farm Court, Thoreau Drive, Pepperidge Court, Tamarack Court, Basswood Court, and Colony Farm Drive

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-052-01-0001-000	1	296.68	Ft.	-	Ft.	1		9433 BRADFORD CT
R-78-052-01-0002-000	2	129.51	Ft.	129.5076349	Ft.	1	1	9445 BRADFORD CT
R-78-052-01-0003-000	3	65.01	Ft.	65.00998486	Ft.	1	1	9455 BRADFORD CT
R-78-052-01-0004-000	4	52.27	Ft.	52.26500117	Ft.	1	1	9465 BRADFORD CT
R-78-052-01-0005-000	5	62.30	Ft.	62.29644776	Ft.	1	1	9475 BRADFORD CT
R-78-052-01-0006-000	6	418.07	Ft.	418.0705426	Ft.	1	1	9495 BRADFORD CT
R-78-052-01-0007-000	7	157.48	Ft.	157.4767369	Ft.	1	1	9565 COLONY FARM DR
R-78-052-01-0008-000	8	108.63	Ft.	108.6287523	Ft.	1	1	9671 COLONY FARM DR
R-78-052-01-0009-000	9	98.40	Ft.	-	Ft.	1		9691 COLONY FARM DR
R-78-052-01-0010-000	10	296.74	Ft.	296.7420188	Ft.	1	1	9650 PINO CT
R-78-052-01-0011-000	11	70.89	Ft.	-	Ft.	1		9640 PINO CT
R-78-052-01-0012-000	12	69.46	Ft.	69.45937225	Ft.	1	1	9630 PINO CT
R-78-052-01-0013-000	13	438.28	Ft.	438.280208	Ft.	1	1	9550 COLONY FARM DR
R-78-052-01-0014-000	14	110.85	Ft.	110.8547155	Ft.	1	1	48110 BREWSTER CT
R-78-052-01-0015-000	15	99.02	Ft.	99.01585737	Ft.	1	1	48060 BREWSTER CT
R-78-052-01-0016-000	16	99.11	Ft.	99.11028274	Ft.	1	1	48040 BREWSTER CT
R-78-052-01-0017-000	17	99.26	Ft.	99.26029456	Ft.	1	1	48020 BREWSTER CT
R-78-052-01-0018-000	18	100.61	Ft.	100.6078016	Ft.	1	1	48000 BREWSTER CT
R-78-052-01-0019-000	19	98.42	Ft.	-	Ft.	1		47950 BREWSTER CT
R-78-052-01-0020-000	20	113.30	Ft.	-	Ft.	1		47932 BREWSTER CT
R-78-052-01-0021-000	21	122.53	Ft.	122.5303429	Ft.	1	1	47912 BREWSTER CT
R-78-052-01-0022-000	22	123.72	Ft.	123.717049	Ft.	1	1	47911 BREWSTER CT
R-78-052-01-0023-000	23	108.27	Ft.	108.2710251	Ft.	1	1	47935 BREWSTER CT
R-78-052-01-0024-000	24	101.33	Ft.	101.3323296	Ft.	1	1	47955 BREWSTER CT
R-78-052-01-0025-000	25	99.48	Ft.	-	Ft.	1		48005 BREWSTER CT
R-78-052-01-0026-000	26	99.54	Ft.	99.54145783	Ft.	1	1	48033 BREWSTER CT
R-78-052-01-0027-000	27	111.62	Ft.	111.6164036		1	1	48055 BREWSTER CT
R-78-052-01-0028-000	28	110.88	Ft.	110.8789721	Ft.	1	1	48101 BREWSTER CT
R-78-052-01-0029-000	29	270.53	Ft.	270.5279549	Ft.	1	1	48131 BREWSTER CT
R-78-052-01-0030-000	30	260.86	Ft.	260.8632733	Ft.	1	1	9390 COLONY FARM CT
R-78-052-01-0031-000	31	73.49	Ft.	73.48584265	Ft.	1	1	9380 COLONY FARM CT
R-78-052-01-0032-000	32	62.35	Ft.	62.35290273	Ft.	1	1	9370 COLONY FARM CT
R-78-052-01-0033-000	33	47.22	Ft.	47.22071434	Ft.	1	1	9360 COLONY FARM CT
R-78-052-01-0034-000	34	61.67	Ft.	61.66863304	Ft.	1	1	9350 COLONY FARM CT
R-78-052-01-0035-000	35	299.38	Ft.	299.3824914	Ft.	1	1	9340 COLONY FARM CT
R-78-052-01-0036-000	36	103.08	Ft.	103.0819029	Ft.	1	1	9280 COLONY FARM CT
R-78-052-01-0037-000	37	97.69	Ft.	97.69253081	Ft.	1	1	9260 COLONY FARM CT
R-78-052-01-0038-000	38	96.19	Ft.	-	Ft.	1		9240 COLONY FARM CT
R-78-052-01-0039-000	39	101.68	Ft.	-	Ft.	1		9220 COLONY FARM CT
R-78-052-01-0040-000	40	98.80	Ft.	-	Ft.	1		9200 COLONY FARM CT
	41	712.76	Ft.	59.39666667	Ft.	48	4	
R-78-052-03-0042-000	42	273.52	Ft.	273.5240327	Ft.	1	1	48962 THOREAU DR
R-78-052-03-0043-000	43	117.47	Ft.	117.4746527	Ft.	1	1	48940 THOREAU DR
R-78-052-03-0044-000	44	128.54	Ft.	-	Ft.	1		48939 THOREAU DR
R-78-052-03-0045-000	45	298.83	Ft.	298.8301619	Ft.	1	1	48961 THOREAU DR
R-78-052-03-0046-000	46	112.72	Ft.	112.7234157	Ft.	1	1	8988 COLONY FARM DR
R-78-052-03-0047-000	47	103.67	Ft.	103.6710656	Ft.	1	1	8966 COLONY FARM DR
R-78-052-03-0048-000	48	128.80	Ft.	128.8040197	Ft.	1	1	8944 COLONY FARM DR
R-78-052-03-0049-000	49	114.01	Ft.	-	Ft.	1		8914 COLONY FARM DR
R-78-052-03-0050-000	50	113.63	Ft.	113.6250818	Ft.	1	1	8898 COLONY FARM DR
R-78-052-03-0051-000	51	86.48	Ft.	86.4819287	Ft.	1	1	8880 COLONY FARM DR
R-78-052-03-0052-000	52	85.47	Ft.	85.47210916	Ft.	1	1	8860 COLONY FARM DR
R-78-052-03-0053-000	53	101.77	Ft.	101.7659914	Ft.	1	1	8844 COLONY FARM DR
R-78-052-03-0054-000	54	113.08	Ft.	113.0771038	Ft.	1	1	8822 COLONY FARM DR
R-78-052-03-0055-000	55	261.91	Ft.	261.9101473	Ft.	1	1	48017 BASSWOOD CT
R-78-052-03-0056-000	56	131.59	Ft.	-	Ft.	1		48039 BASSWOOD CT
R-78-052-03-0057-000	57	63.87	Ft.	63.86855381	Ft.	1	1	48055 BASSWOOD CT
R-78-052-03-0058-000	58	68.36	Ft.	68.35564157	Ft.	1	1	48065 BASSWOOD CT
R-78-052-03-0059-000	59	60.15	Ft.	60.15373433	Ft.	1	1	48056 BASSWOOD CT
R-78-052-03-0060-000	60	116.73	Ft.	-	Ft.	1		48040 BASSWOOD CT
R-78-052-03-0061-000	61	304.43	Ft.	304.4288655	Ft.	1	1	48020 BASSWOOD CT
R-78-052-03-0062-000	62	117.51	Ft.	-	Ft.	1		8899 COLONY FARM DR
R-78-052-03-0063-000	63	95.70	Ft.	-	Ft.	1		8921 COLONY FARM DR

SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
COLONY FARMS S.A.D.
COLONY FARMS SUBDIVISION

Assumptions:

1) Frontage is defined by lots abutting Pino Court, Brewster Court, Bradford Court, Colony Farm Court, Thoreau Drive, Pepperidge Court, Tamarack Court, Basswood Court, and Colony Farm Drive

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-052-03-0064-000	64	98.73	Ft.	-	Ft.	1		8941 COLONY FARM DR
R-78-052-03-0065-000	65	101.89	Ft.	101.888149	Ft.	1	1	8963 COLONY FARM DR
R-78-052-03-0066-000	66	100.93	Ft.	100.9262884	Ft.	1	1	8985 COLONY FARM DR
R-78-052-03-0067-000	67	99.09	Ft.	99.0861495	Ft.	1	1	9005 COLONY FARM DR
R-78-052-03-0068-000	68	266.67	Ft.	266.6713397	Ft.	1	1	9025 COLONY FARM DR
R-78-052-03-0069-000	69	271.43	Ft.	-	Ft.	1		8992 TAMARACK CT
R-78-052-03-0070-000	70	99.54	Ft.	-	Ft.	1		8970 TAMARACK CT
R-78-052-03-0071-000	71	101.27	Ft.	101.2728231	Ft.	1	1	8950 TAMARACK CT
R-78-052-03-0072-000	72	103.82	Ft.	103.8178251	Ft.	1	1	8930 TAMARACK CT
R-78-052-03-0073-000	73	96.00	Ft.	95.99552554	Ft.	1	1	8910 TAMARACK CT
R-78-052-03-0074-000	74	61.54	Ft.	61.54139909	Ft.	1	1	8900 TAMARACK CT
R-78-052-03-0075-000	75	59.22	Ft.	59.22496591	Ft.	1	1	8903 TAMARACK CT
R-78-052-03-0076-000	76	98.13	Ft.	98.12613441	Ft.	1	1	8911 TAMARACK CT
R-78-052-03-0077-000	77	104.97	Ft.	104.9659311	Ft.	1	1	8933 TAMARACK CT
R-78-052-03-0078-000	78	102.35	Ft.	102.3493997	Ft.	1	1	8951 TAMARACK CT
R-78-052-03-0079-000	79	100.90	Ft.	100.8977096	Ft.	1	1	8975 TAMARACK CT
R-78-052-03-0080-000	80	276.50	Ft.	276.5027832	Ft.	1	1	8993 TAMARACK CT
R-78-052-03-0081-000	81	289.0245752	Ft.	289.0245752	Ft.	1	1	9000 PEPPERIDGE CT
R-78-052-03-0082-000	82	99.53	Ft.	-	Ft.	1		8980 PEPPERIDGE CT
R-78-052-03-0083-000	83	101.27	Ft.	101.2707002	Ft.	1	1	8960 PEPPERIDGE CT
R-78-052-03-0084-000	84	100.00	Ft.	100.003113	Ft.	1	1	8944 PEPPERIDGE CT
R-78-052-03-0085-000	85	104.51	Ft.	-	Ft.	1		8924 PEPPERIDGE CT
R-78-052-03-0086-000	86	55.58	Ft.	55.57863821	Ft.	1	1	8908 PEPPERIDGE CT
R-78-052-03-0087-000	87	62.21	Ft.	62.20821422	Ft.	1	1	8901 PEPPERIDGE CT
R-78-052-03-0088-000	88	58.22	Ft.	58.21603954	Ft.	1	1	8907 PEPPERIDGE CT
R-78-052-03-0089-000	89	113.60	Ft.	113.5977728	Ft.	1	1	8929 PEPPERIDGE CT
R-78-052-03-0090-000	90	100.34	Ft.	100.3446308	Ft.	1	1	8947 PEPPERIDGE CT
R-78-052-03-0091-000	91	98.89	Ft.	98.89364457	Ft.	1	1	8965 PEPPERIDGE CT
R-78-052-03-0092-000	92	102.05	Ft.	-	Ft.	1		8985 PEPPERIDGE CT
R-78-052-03-0093-000	93	263.63	Ft.	263.6323045	Ft.	1	1	9005 PEPPERIDGE CT
R-78-049-99-0028-003	94	61.57	Ft.	61.57	Ft.	1	1	47881 BREWSTER CT
	TOTAL	12,899.00	Ft.	9,691.92	Ft.	141.00	76	

Note: Green shading indicates that the petition has been signed by record owner(s). Orange shading indicates some record owners of units within the site condominium lot have signed the petition.

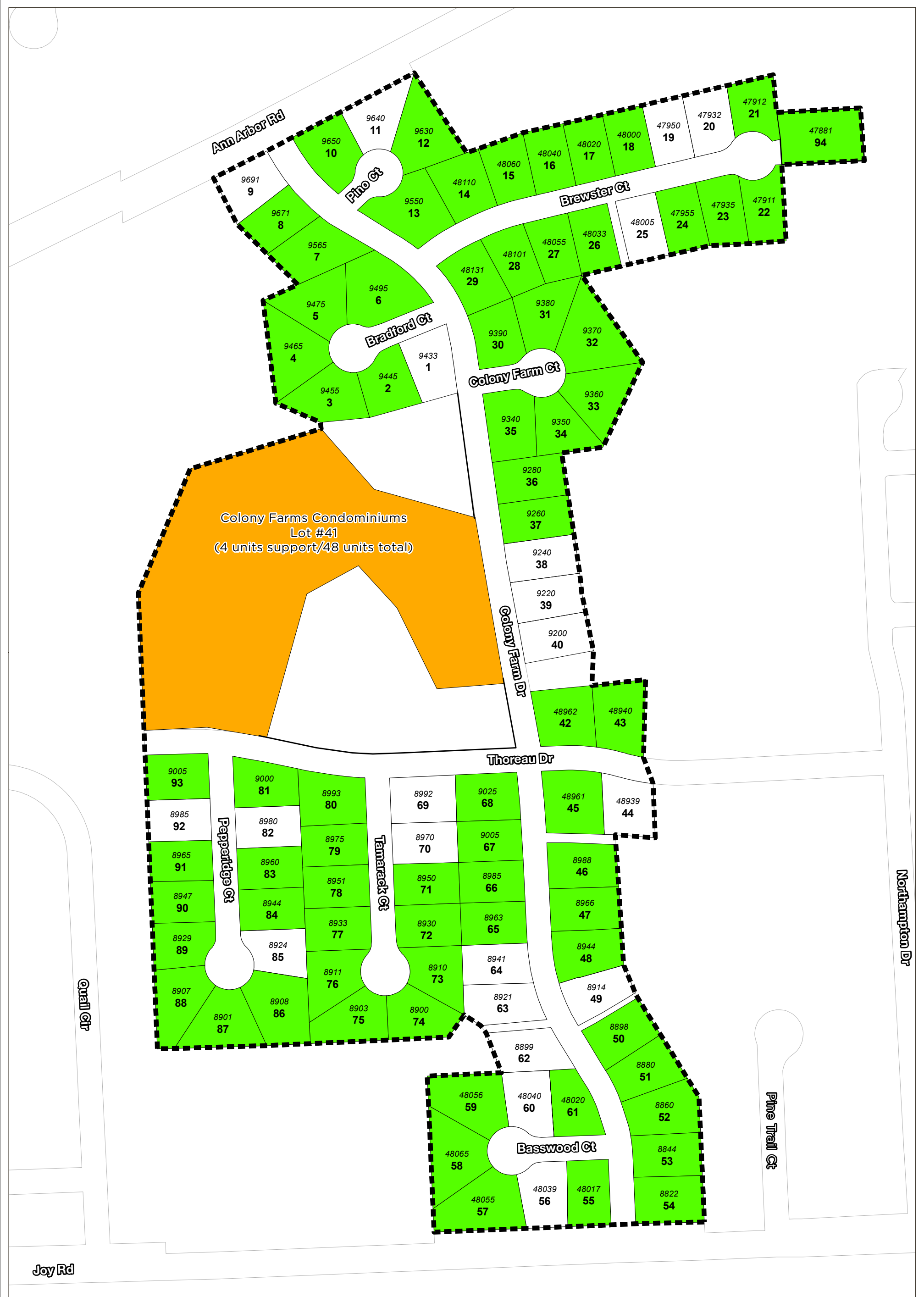
I. PERCENTAGE BASED ON FRONTAGE (50% = 6,450 Ft.)

$$\frac{\text{SIGNED PETITION}}{\text{TOTAL FRONTAGE}} = \frac{9,691.92}{12,899.00} = 75.1\%$$

II. PERCENTAGE BASED ON UNITS (50% = 71 UNITS)

$$\frac{\text{SIGNED PETITION}}{\text{TOTAL UNITS}} = \frac{76.00}{141.00} = 53.9\%$$

Updated October 8, 2019



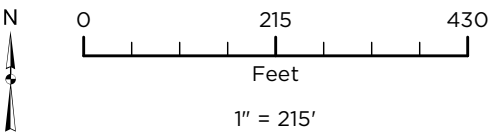
- S.A.D. Limits
- Petition Support
- Support
- Partial Support
- No Support

Key
Street Number: 11711
Lot Number: 1

Total Number of Subdivision Lots: 93
Subdivision Lots 1 - 94
(Excluding lot 41)

Total Number of Site Condo Units: 48
Site Condo Units 1-48

Colony Farms S.A.D. Plymouth Charter Township Petition Support



Source: Data provided by Plymouth Township, Wayne County, and SEMCOG. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: NAD 1983 StatePlane Michigan South FIPS 2113 IntFeet

Map Published: November 4, 2019





Project Description

Colony Farms S.A.D. for Road Rehabilitation

Colony Farms Subdivision

September 3, 2019

The proposed improvements within the Colony Farms SAD may consist of road pavement rehabilitation or pavement cross section replacement with select curb replacement along the existing public local roads within Colony Farms Subdivision. During the preliminary engineering and potential future design phase of the project, improvements would be recommended as appropriate regarding the pavement repair locations and methods, ADA sidewalk ramp improvements, drainage structure rehabilitation, etc. However, existing water problems, such as standing water outside of the roadway, and existing road grade deficiencies (other than minor variations) 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 asphalt pavement shall consist of complete and/or partial pavement and curb replacement, as well as miscellaneous driveway approach improvements that may be necessary to facilitate adjacent pavement rehabilitation/replacement, and drainage structure improvements that are within proposed asphalt pavement or concrete curb and gutter replacement areas. The project limits are generally as follows:

- North from the north ROW line of Joy Road along Colony Farm Drive for approximately 2,890 feet to the south ROW line of Ann Arbor Road
- East from dead end along Thoreau Drive for approximately 1,240 feet to District Limit
- East from Colony Farm Drive along Pino Court for approximately 170 feet to terminus
- East from Colony Farm Drive along Brewster Court for approximately 900 feet to terminus
- West from Colony Farm Drive along Bradford Court for approximately 290 feet to terminus
- East from Colony Farm Drive along Colony Farm Court for approximately 210 feet to terminus
- South from Thoreau Drive along Pepperidge Court for approximately 575 feet to terminus
- South from Thoreau Drive along Tamarack Court for approximately 530 feet to terminus
- West from Colony Farm Drive along Basswood Court for approximately 295 feet to terminus

Lots 1 through 93 of the platted Colony Farms Subdivision are included in the Colony Farms SAD, of which Lot 41 that is part of the Colony Farms Subdivision is developed as site condominium units. Colony Farm Circle is a private road, and therefore would not receive any road pavement improvements. This district spans the Southeast $\frac{1}{4}$ of Section 32, T.1S, R.8E of Plymouth Township, Wayne County, Michigan. All areas located within the district are assumed to receive benefit from the public roads improved as part of this project.



ARCHITECTS. ENGINEERS. PLANNERS.

September 3, 2019

Charter Township of Plymouth
Department of Public Services
9955 N. Haggerty Road
Plymouth, MI 48170

Attn: Patrick Fellrath, PE, Director of Public Services

RE: Proposal for Preliminary Engineering Services
Colony Farms Subdivision Special Assessment District

Dear Mr. Fellrath,

In response to the Township's commitment and desire to assist communities with improvement of local subdivision roads under Wayne County public road jurisdiction, OHM Advisors (OHM) is pleased to submit this proposal to assist the Township with a potential Special Assessment District (SAD). Based on the initial public informational meeting held with Colony Farms residents on June 27, 2019, the residents circulated a petition and have obtained the necessary support to continue with the SAD process. The next step would be for the Board of Trustees to authorize and fund the preliminary engineering for the SAD project site, if they agree to proceed.

Our letter proposal for professional services contains several sections that outline our strategy to accomplish these project objectives. These sections include our Project Understanding, Scope of Services, Fee, and Schedule for the anticipated preliminary engineering on the local public roads. We understand the desire to provide this preliminary engineering effort to present an accurate project cost estimate to the resident with a proposed fix to the roads. Our project-team will be led by George Tsakoff, PE with very capable support staff who are very familiar with Wayne County standards requirements and specifications. We will coordinate with G2 Consulting Group for geotechnical services, to be contracted through OHM as part of this proposal.

PROJECT UNDERSTANDING

Colony Farms Subdivision Roads

We understand that the existing asphalt roadways will either be rehabilitated or replaced with new asphalt pavement. Concrete curb and gutter that is in good condition may be retained, but areas of curb and gutter in poor condition would be recommended for replacement. Options for rehabilitation of roadways may include milling a certain depth of existing asphalt and replacing with an overlay of new hot mix asphalt (HMA). This would be dependent on the depth of the existing asphalt which is to be determined in near future. Potential reconstruction of the road cross section provides an opportunity to provide a new cross section meeting current design standards for a longer-term repair, while addressing minor drainage concerns along the roadways as required. Typically, sub-grade underdrain can also be added to the design during a full road reconstruction. If not already ADA-compliant, sidewalk ramps directly adjacent to curb and gutter replacement would be recommended to be upgraded.

We also believe it will be important to rely on engineering services related to the geotechnical investigation and field reconnaissance during preliminary engineering to evaluate existing site constraints and subgrade conditions. From this information, we will develop a suitable and efficient proposed road rehabilitation or replacement methodology, while incorporating other aspects necessary for a comprehensive preliminary engineering effort.



The following items further outline OHM's understanding of the road improvement project that would be evaluated further during a preliminary engineering phase:

- Propose a pavement cross section methodology/design for rehabilitation, partial reconstruction, and/or complete reconstruction of the roadway.
- Provide concrete curb and gutter replacement throughout the project as required for structurally deficient locations. If feasible, retain segments of existing curb and gutter that are in good condition.
- If not already ADA-compliant, replace sidewalk ramps at internal public road intersections that are not currently compliant, if road replacement is to occur directly in front of the ramp.
- Evaluate methodology for Maintaining Traffic and construction staging during the work. Maintaining access to residential dwellings and maintaining access for emergency services will be a primary concern.
- Coordinate with the geotechnical consultant hired by OHM to assist with the evaluation. Incorporate their recommendations in the preliminary engineering effort and include their report in the submittal.
- Perform targeted topographical survey along the project limits if needed to evaluate road drainage concerns. Full topographic survey of the roadway corridor (ROW to ROW) is not part of this phase of work. Full survey is typically done during the final design phase of the roadway project, if determined to be necessary at that stage.
- Coordinate with utility owners, including gathering information and identifying potential conflicts.

SCOPE OF SERVICES

The following is a brief summary of necessary work tasks and sub-tasks to be provided as part of this project for each of the main phases of work.

Task 1 – Soil Borings, Geotechnical Evaluation, and Field Reconnaissance

- Provide field reconnaissance of all project areas to evaluate the site conditions for information that will be beneficial during the preliminary engineering stage and a potential future design.
- Provide targeted topographic survey where necessary to confirm the need for drainage improvements, such as re-grading along the curb grade or additional drainage structures.
- Using a Miss Dig design ticket, contact known utility owners to obtain drawings of their existing facilities within the project area.
- Coordinate with our contracted geotechnical consultant for soil boring and pavement coring needs.
- Provide a geotechnical report with recommendations related to road rehabilitation or replacement, as well as summarizing existing thickness of asphalt and subgrade conditions.

Task 2 – Analysis, Recommendations, and Cost Estimate

- Determine the selected pavement remediation methodology for rehabilitation or full replacement of road cross section with HMA.



- Determine the required cross section based on methodologies to remediate the roadways. This could involve HMA patch areas with crack sealing, milling pavement surface with HMA overlay, or full road cross section replacement. The final recommendations could also entail a combination of these methods.
- Evaluate existing concrete curb and gutter for replacement, either in targeted locations or more extensive lengths.
- Set up a meeting with Wayne County Permits Division to review the proposed roadway rehabilitation or replacement methodologies to gain their concurrence for a future permit application (during a future final design phase of the project).
- Finalize a listing of preliminary work items along with quantities for each item of work, based on the proposed methodologies.
- Provide an Opinion of Construction Cost based on quantities and work items. Also provide remaining project costs to complete the entire project.
- Provide a Total Project Cost Estimate along with estimated Per Benefit Cost to residents.
- Attend a meeting with Township DPS staff to review the proposed project based on findings from this stage of work.
- Prepare drawings or figures necessary to provide a comprehensive overview of the preliminary engineering phase of work.

Task 3 – Public Informational Meeting No. 2

- Finalize necessary preliminary drawings or figures to present at a meeting to residents.
- Finalize cost estimate for presentation to residents
- Prepare Power-point presentation for meeting with residents
- Coordinate with Township DPS to schedule a Public Informational Meeting No. 2 with residents
- Provide a presentation to residents of the SAD from the preliminary engineering stage of work.

Assumptions

- We assume that the Township would provide existing record drawings of roads and utilities that may exist for the site.
- We assume that Wayne County would not require permit fees to OHM or G2 to perform soil borings along the roads in the subdivision.
- We assume that no water main or sanitary sewer evaluation/analysis is included in this proposal. Other than adjustment or rehabilitation of drainage structures in the roadway, no other municipal utility work is anticipated for this project.



- Storm sewer pipe replacement evaluation/design is not included in this proposal. Only evaluation of drainage structures for structural integrity will be performed during the field reconnaissance, consistent with past projects.
- New pedestrian facilities are not included in this proposal. Other than ADA sidewalk ramp upgrades described above, no other sidewalk or shared use paths are proposed on this site.

FEE & SCHEDULE

Engineering services will be performed for a fixed fee (lump sum) of \$14,800, as outlined below for specific major tasks of work. OHM will invoice the Township on a monthly basis. Our outline of fees is as follows:

• Task 1 – Soil Borings, Geotechnical Report, and Field Reconnaissance =	\$ 7,000
• Task 2 – Analysis, Recommendations, Figures and Cost Estimate =	\$ 6,600
• Task 3 – Preparation & Presentation at Informational Meeting No. 2 =	\$ 1,200
TOTAL =	\$14,800

We will begin the work outlined in this proposal in September 2019. The following approximate milestone dates for completion of each phase of work are proposed:

- 09/25/2019 Obtain pavement cores and soil borings along the roadways
- 10/15/2019 Complete geotechnical report and recommendations
- 10/21/2019 Provide field reconnaissance of site to evaluate surface pavement/drainage conditions
- 11/04/2019 Analyze findings from field evaluation and from geotechnical report
- 11/12/2019 Determine recommended pavement rehabilitation and/or replacement methods
- 11/12/2019 Determine recommended pavement cross section if needed for replacement areas
- 11/21/2019 Meet with Wayne County Permits Division
- 11/26/2019 Determine estimated quantities for major items of work and cost estimate
- 12/06/2019 Complete Opinion of Preliminary Construction and Project Costs
- 12/12/2019 Public Informational Meeting No. 2

If you find this proposal acceptable, please provide us authorization to proceed. Should you have any questions related to this proposal, please do not hesitate to contact me at 734-466-4439. We thank you for this opportunity to continue to provide professional engineering services to Plymouth Township.

Sincerely,
OHM Advisors

George Tsakoff, PE
 Principal

cc: file

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.4
PLYMOUTH MEADOWS SAD
ENGINEERING REQUEST
RESOLUTION #2019-11-12-102**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Special Assessment District for Plymouth Meadows Subdivision, **Resolution #2019-11-12-102**

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

BACKGROUND:

The clerk validated the signatures on the preliminary petition received for a proposed Special Assessment District (SAD) for public road improvements in Plymouth Meadows Subdivision (Nos. 1 and 2). The submitted petition demonstrates adequate support from property owners within the proposed district to allow the board to authorize preliminary engineering.

As described in the township's revised procedure for conducting a SAD for road improvements, the purpose of the preliminary petition is to determine if adequate support exists for the township to conduct preliminary engineering only. Adequate support exists if validated signatures represent:

- 51% or greater based on the total frontage of the SAD.

The petition subject to tonight's board meeting demonstrates adequate support as described above. **In addition, the petition signatures represent 51% or greater based on the total number of units within the SAD.**

If preliminary engineering is authorized tonight, the township (namely, its consultant engineers for road projects) will perform the work at no cost to the residents. After preliminary engineering is complete, however, a separate final petition citing the SAD project cost estimate will be prepared to determine if adequate support exists for the SAD to move forward. The SAD project cost estimate will include all costs incurred by the Township to date including costs associated with preliminary engineering.

ACTION REQUESTED:

To authorize OHM Advisors, township's consulting engineers for road projects, to conduct preliminary engineering for the proposed SAD project.

BUDGET/ACCOUNT NUMBER:

Not to Exceed \$11,500/General Fund 805-805-970.400

PROPOSED MOTION: I move to adopt **Resolution #2019-11-12-102** authorizing the engineering firm OHM Advisors to perform preliminary engineering under Step F of the Township's Summary of Events: SAD Program for Road Improvements dated July 2019 for the proposed Plymouth Meadows Subdivision SAD Road Improvements project as submitted and described on the received petition for a cost not to exceed Eleven Thousand Five Hundred Dollars (\$11,500.00).

Attachments:

1. Tentative Roll Plymouth Meadows SAD
2. SAD Figure Plymouth Meadows SAD
3. OHM Cost Prelim. Eng. Proposal Plymouth Meadows SAD

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION TO APPROVE PRELIMINARY ENGINEERING FOR
PLYMOUTH MEADOWS SUBDIVISION
SPECIAL ASSESSMENT DISTRICT**

RESOLUTION # 2019-11-12-102

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 12, 2019, the following resolution was offered:

WHEREAS, residents of Plymouth Meadows Subdivision have expressed interest in establishing a special assessment district for the purpose of road repairs; and,

WHEREAS, the township has received adequate support, in the form of signed petitions, from a majority of property owners within the proposed district to allow the board to authorize preliminary engineering; and,

WHEREAS, the township board of trustees can act in accordance with past practice and authorize the expenditures for procuring the services of OHM Advisors, to prepare a plan showing the improvement, location and estimated costs for preliminary engineering for the proposed project;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-11-12-102** authorizing OHM Advisors to prepare a plan that encompasses all aspects of the above services at a cost not to exceed \$11,500.00 which will come from the General Fund, Account #805-805-970.360 for this purpose.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

**SPECIAL ASSESSMENT DISTRICT TENTATIVE ASSESSMENT ROLL
PLYMOUTH MEADOWS S.A.D.
PLYMOUTH MEADOWS SUBDIVISION**

Assumptions:

1) Frontage is defined by lots abutting Katherine Court, Norton Court, and Northampton Drive

Tax ID Number	LOT #	FRONTAGE		SIGNED		UNITS	SIGNED	ADDRESS
R-78-052-04-0001-000	1	160.00	Ft.	160	Ft.	1	1	8822 NORTHAMPTON
R-78-052-04-0002-000	2	138.83	Ft.	-	Ft.	1		8866 NORTHAMPTON
R-78-052-04-0003-000	3	149.75	Ft.	149.75	Ft.	1	1	8890 NORTHAMPTON
R-78-052-04-0004-000	4	135.33	Ft.	135.33	Ft.	1	1	8924 NORTHAMPTON
R-78-052-04-0005-000	5	145.25	Ft.	145.25	Ft.	1	1	8952 NORTHAMPTON
R-78-052-04-0006-000	6	133.83	Ft.	133.83	Ft.	1	1	8966 NORTHAMPTON
R-78-052-04-0007-000	7	134.67	Ft.	134.67	Ft.	1	1	8998 NORTHAMPTON
R-78-052-04-0008-000	8	144.92	Ft.	144.92	Ft.	1	1	9030 NORTHAMPTON
R-78-052-04-0009-000	9	168.00	Ft.	-	Ft.	1		9100 NORTHAMPTON
R-78-052-04-0010-000	10	295.83	Ft.	295.83	Ft.	1	1	9055 NORTHAMPTON
R-78-052-04-0011-000	11	283.67	Ft.	283.67	Ft.	1	1	9025 NORTHAMPTON
R-78-052-04-0012-000	12	132.83	Ft.	132.83	Ft.	1	1	8985 NORTHAMPTON
R-78-052-04-0013-000	13	135.33	Ft.	135.33	Ft.	1	1	8963 NORTHAMPTON
R-78-052-04-0014-000	14	133.83	Ft.	-	Ft.	1		8951 NORTHAMPTON
R-78-052-04-0015-000	15	132.83	Ft.	-	Ft.	1		8921 NORTHAMPTON
R-78-052-04-0016-000	16	131.33	Ft.	-	Ft.	1		8891 NORTHAMPTON
R-78-052-04-0017-000	17	135.33	Ft.	135.33	Ft.	1	1	8865 NORTHAMPTON
R-78-052-04-0018-000	18	146.42	Ft.	146.42	Ft.	1	1	8821 NORTHAMPTON
R-78-052-06-0019-000	19	140.25	Ft.	140.25	Ft.	1	1	9173 NORTHAMPTON
R-78-052-06-0020-000	20	136.25	Ft.	-	Ft.	1		9209 NORTHAMPTON
R-78-052-06-0021-000	21	133.25	Ft.	133.25	Ft.	1	1	9245 NORTHAMPTON
R-78-052-06-0022-000	22	132.25	Ft.	132.25	Ft.	1	1	9281 NORTHAMPTON
R-78-052-06-0023-000	23	133.25	Ft.	-	Ft.	1		9317 NORTHAMPTON
R-78-052-06-0024-000	24	158.08	Ft.	-	Ft.	1		9353 NORTHAMPTON
R-78-052-06-0025-000	25	452.67	Ft.	452.67	Ft.	1	1	47658 NORTON CT
R-78-052-06-0026-000	26	131.25	Ft.	131.25	Ft.	1	1	47594 NORTON CT
R-78-052-06-0027-000	27	94.08	Ft.	94.08	Ft.	1	1	47581 NORTON CT
R-78-052-06-0028-000	28	131.25	Ft.	131.25	Ft.	1	1	47623 NORTON CT
R-78-052-06-0029-000	29	302.92	Ft.	-	Ft.	1		47675 NORTON CT
R-78-052-06-0030-000	30	287.25	Ft.	-	Ft.	1		47672 KATHERINE CT
R-78-052-06-0031-000	31	172.75	Ft.	172.75	Ft.	1	1	47616 KATHERINE CT
R-78-052-06-0032-000	32	82.58	Ft.	82.58	Ft.	1	1	47578 KATHERINE CT
R-78-052-06-0033-000	33	87.42	Ft.	87.42	Ft.	1	1	47575 KATHERINE CT
R-78-052-06-0034-000	34	136.75	Ft.	-	Ft.	1		47615 KATHERINE CT
R-78-052-06-0035-000	35	306.42	Ft.	306.42	Ft.	1	1	47671 KATHERINE CT
R-78-052-99-0010-002	36	166.25	Ft.	-	Ft.	1		9430 NORTHAMPTON
R-78-052-99-0010-003	37	166.25	Ft.	166.25	Ft.	1	1	9431 NORTHAMPTON
R-78-052-99-0012-002	38	203.42	Ft.	-	Ft.	1		9400 NORTHAMPTON
R-78-052-99-0012-003	39	212.92	Ft.	212.92	Ft.	1	1	9401 NORTHAMPTON
	TOTAL	6,605.49	Ft.	4,376.50	Ft.	39.00	26	

Note: Green shading indicates that the petition has been signed by record owner(s).

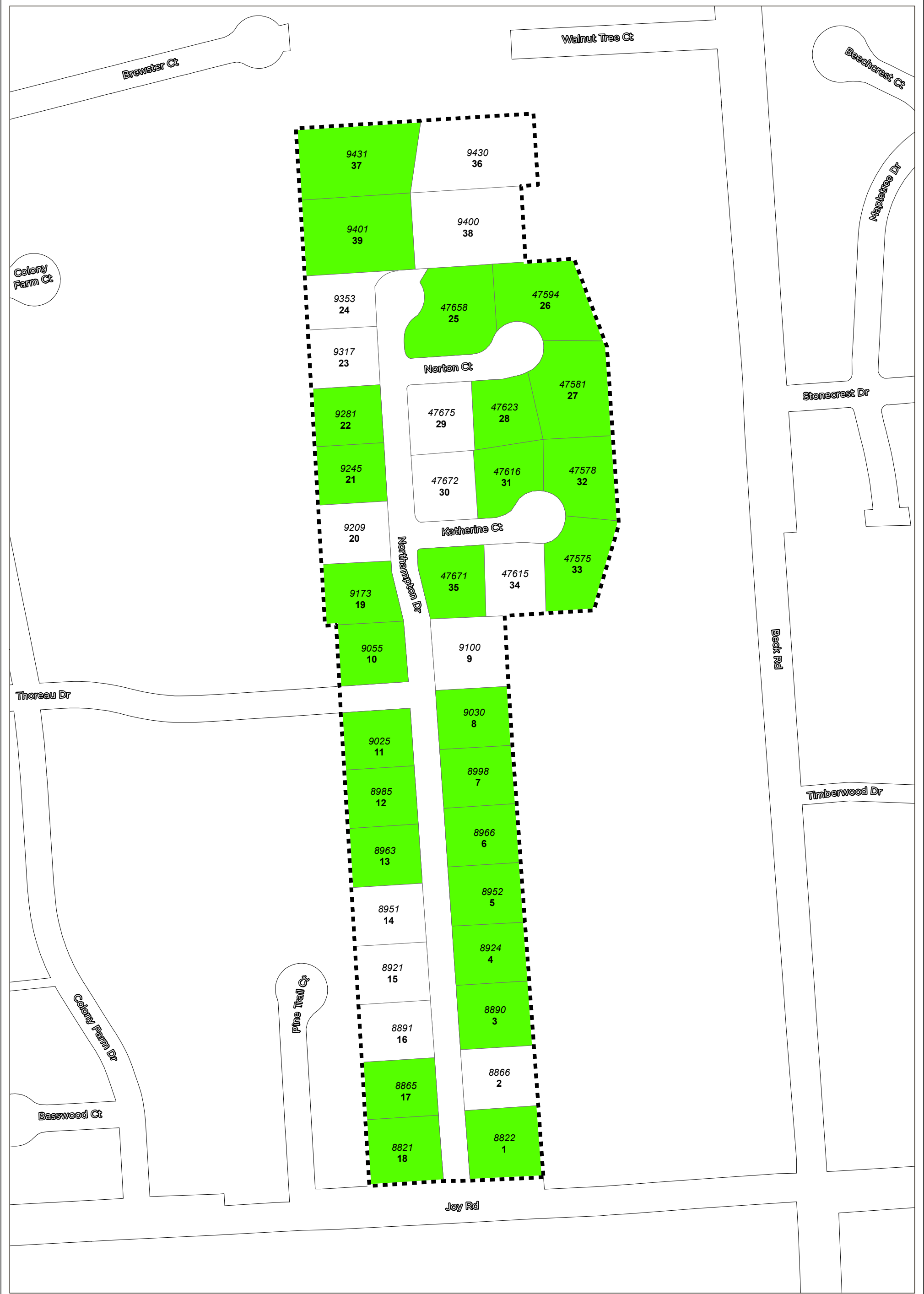
I. PERCENTAGE BASED ON FRONTAGE (50% = 3,303 Ft.)

SIGNED PETITION	4,376.50	=	66.3%
TOTAL FRONTAGE	6,605.49		

II. PERCENTAGE BASED ON UNITS (50% = 20 UNITS)

SIGNED PETITION	26.00	=	66.7%
TOTAL UNITS	39.00		

Updated November 4, 2019

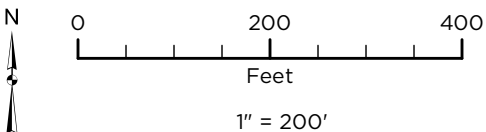


- S.A.D. Limits
- Petition Signed
- Petition Not Signed

Key
Street Number: 11711
Lot Number: 1

Total Number of Subdivision Lots: 39

Plymouth Meadows S.A.D.



Source: Data provided by Plymouth Township and SEMCOG. OHM Advisors does not warrant the accuracy of the data and/or the map. This document is intended to depict the approximate spatial location of the mapped features within the Community and all use is strictly at the user's own risk.

Coordinate System: NAD 1983 StatePlane Tennessee FIPS 4100 Feet
Map Published: November 4, 2019





ARCHITECTS. ENGINEERS. PLANNERS.

November 6, 2019

Charter Township of Plymouth
Department of Public Services
9955 N. Haggerty Road
Plymouth, MI 48170

Attn: Patrick Fellrath, PE, Director of Public Services

RE: Proposal for Preliminary Engineering Services
Plymouth Meadows Subdivision Special Assessment District

Dear Mr. Fellrath,

In response to the Township's commitment and desire to assist communities with improvement of local subdivision roads under Wayne County public road jurisdiction, OHM Advisors (OHM) is pleased to submit this proposal to assist the Township with a potential Special Assessment District (SAD). Based on the initial public informational meeting held with Plymouth Meadows residents on September 30, 2019, the residents circulated a petition and have obtained the necessary support to continue with the SAD process. The next step would be for the Board of Trustees to authorize and fund the preliminary engineering for the SAD project site, if they agree to proceed.

Our letter proposal for professional services contains several sections that outline our strategy to accomplish these project objectives. These sections include our Project Understanding, Scope of Services, Fee, and Schedule for the anticipated preliminary engineering on the local public roads. We understand the desire to provide this preliminary engineering effort to present an accurate project cost estimate to the resident with a proposed fix to the roads. Our project-team will be led by George Tsakoff, PE with very capable support staff who are very familiar with Wayne County standards requirements and specifications. We will coordinate with G2 Consulting Group for geotechnical services, to be contracted through OHM as part of this proposal.

PROJECT UNDERSTANDING

Plymouth Meadows Subdivision Roads

We understand that the existing asphalt roadways will either be rehabilitated or replaced with new asphalt pavement. Concrete curb and gutter that is in good condition may be retained, but areas of curb and gutter in poor condition would be recommended for replacement. Options for rehabilitation of roadways may include milling a certain depth of existing asphalt and replacing with an overlay of new hot mix asphalt (HMA). This would be dependent on the depth of the existing asphalt which is to be determined in near future. Potential reconstruction of the road cross section provides an opportunity to provide a new cross section meeting current design standards for a longer-term repair, while addressing minor drainage concerns along the roadways as required. Typically, sub-grade underdrain can also be added to the design during a full road reconstruction. If not already ADA-compliant, sidewalk ramps directly adjacent to curb and gutter replacement would be recommended to be upgraded.

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The following items further outline OHM's understanding of the road improvement project that would be evaluated further during a preliminary engineering phase:

- Propose a pavement cross section methodology/design for rehabilitation, partial reconstruction, and/or complete reconstruction of the roadway.
- Provide concrete curb and gutter replacement throughout the project as required for structurally deficient locations. If feasible, retain segments of existing curb and gutter that are in good condition.
- If not already ADA-compliant, replace sidewalk ramps at internal public road intersections that are not currently compliant, if road replacement is to occur directly in front of the ramp.
- Evaluate methodology for Maintaining Traffic and construction staging during the work. Maintaining access to residential dwellings and maintaining access for emergency services will be a primary concern.
- Coordinate with the geotechnical consultant hired by OHM to assist with the evaluation. Incorporate their recommendations in the preliminary engineering effort and include their report in the submittal.
- Perform targeted topographical survey along the project limits if needed to evaluate road drainage concerns. Full topographic survey of the roadway corridor (ROW to ROW) is not part of this phase of work. Full survey is typically done during the final design phase of the roadway project, if determined to be necessary at that stage.
- Coordinate with utility owners, including gathering information and identifying potential conflicts.

SCOPE OF SERVICES

The following is a brief summary of necessary work tasks and sub-tasks to be provided as part of this project for each of the main phases of work.

Task 1 – Soil Borings, Geotechnical Evaluation, and Field Reconnaissance

- Provide field reconnaissance of all project areas to evaluate the site conditions for information that will be beneficial during the preliminary engineering stage and a potential future design.
- Provide targeted topographic survey where necessary to confirm the need for drainage improvements, such as re-grading along the curb grade or additional drainage structures.
- Using a Miss Dig design ticket, contact known utility owners to obtain drawings of their existing facilities within the project area.
- Coordinate with our contracted geotechnical consultant for soil boring and pavement coring needs.
- Provide a geotechnical report with recommendations related to road rehabilitation or replacement, as well as summarizing existing thickness of asphalt and subgrade conditions.

Task 2 – Analysis, Recommendations, and Cost Estimate

- Determine the selected pavement remediation methodology for rehabilitation or full replacement of road cross section with HMA.



- Determine the required cross section based on methodologies to remediate the roadways. This could involve HMA patch areas with crack sealing, milling pavement surface with HMA overlay, or full road cross section replacement. The final recommendations could also entail a combination of these methods.
- Evaluate existing concrete curb and gutter for replacement, either in targeted locations or more extensive lengths.
- Set up a meeting with Wayne County Permits Division to review the proposed roadway rehabilitation or replacement methodologies to gain their concurrence for a future permit application (during a future final design phase of the project).
- Finalize a listing of preliminary work items along with quantities for each item of work, based on the proposed methodologies.
- Provide an Opinion of Construction Cost based on quantities and work items. Also provide remaining project costs to complete the entire project.
- Provide a Total Project Cost Estimate along with estimated Per Benefit Cost to residents.
- Attend a meeting with Township DPS staff to review the proposed project based on findings from this stage of work.
- Prepare drawings or figures necessary to provide a comprehensive overview of the preliminary engineering phase of work.

Task 3 – Public Informational Meeting No. 2

- Finalize necessary preliminary drawings or figures to present at a meeting to residents.
- Finalize cost estimate for presentation to residents
- Prepare Power-point presentation for meeting with residents
- Coordinate with Township DPS to schedule a Public Informational Meeting No. 2 with residents
- Provide a presentation to residents of the SAD from the preliminary engineering stage of work.

Assumptions

- We assume that the Township would provide existing record drawings of roads and utilities that may exist for the site.
- We assume that Wayne County would not require permit fees to OHM or G2 to perform soil borings along the roads in the subdivision.
- We assume that no water main or sanitary sewer evaluation/analysis is included in this proposal. Other than adjustment or rehabilitation of drainage structures in the roadway, no other municipal utility work is anticipated for this project.



- Storm sewer pipe replacement evaluation/design is not included in this proposal. Only evaluation of drainage structures for structural integrity will be performed during the field reconnaissance, consistent with past projects.
- New pedestrian facilities are not included in this proposal. Other than ADA sidewalk ramp upgrades described above, no other sidewalk or shared use paths are proposed on this site.

FEE & SCHEDULE

Engineering services will be performed for a fixed fee (lump sum) of \$11,500, as outlined below for specific major tasks of work. OHM will invoice the Township on a monthly basis. Our outline of fees is as follows:

• Task 1 – Soil Borings, Geotechnical Report, and Field Reconnaissance =	\$ 6,500
• Task 2 – Analysis, Recommendations, Figures and Cost Estimate =	\$ 4,000
• Task 3 – Preparation & Presentation at Informational Meeting No. 2 =	\$ 1,000
TOTAL =	\$11,500

We will begin the work outlined in this proposal in mid-November 2019, assuming authorization to proceed from the Board of Trustees on November 12, 2019. The following approximate milestone dates for completion of each phase of work are proposed:

- 11/26/2019 Obtain pavement cores and soil borings along the roadways
- 12/17/2019 Complete geotechnical report and recommendations
- 12/20/2019 Provide field reconnaissance of site to evaluate surface pavement/drainage conditions
- 01/17/2020 Analyze findings from field evaluation and from geotechnical report
- 01/24/2020 Determine recommended pavement rehabilitation and/or replacement methods
- 01/24/2020 Determine recommended pavement cross section if needed for replacement areas
- 02/05/2020 Meet with Wayne County Permits Division
- 02/14/2020 Determine estimated quantities for major items of work and cost estimate
- 02/14/2020 Complete Opinion of Preliminary Construction and Project Costs
- 02/25/2020 Public Informational Meeting No. 2

If you find this proposal acceptable, please provide us authorization to proceed. Should you have any questions related to this proposal, please do not hesitate to contact me at 734-466-4439. We thank you for this opportunity to continue to provide professional engineering services to Plymouth Township.

Sincerely,
OHM Advisors

George Tsakoff, PE
 Principal

cc: file

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.5
RESOLUTION OF SUPPORT FOR
ROBERT BOSCH LLC APPLICATION TO
THE "GOOD JOBS FOR MICHIGAN"
PROGRAM
RESOLUTION #2019-11-12-103**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Robert Bosch LLC Application to the 'Good Jobs for Michigan' Program,
Resolution #2019-11-12-103

PRESENTERS: Supervisor Kurt Heise, Trustee Gary Heitman

BACKGROUND:

The Robert Bosch Corporation is making an application for the "Good Jobs for Michigan" program and would like the board to approve the attached resolution of support. They are looking to invest approximately \$4.5 million over the next five years for an internal expansion of existing facilities to support new automotive research and development efforts that would employ an additional 500 people at their facilities in the township and Farmington Hills. There are no financial obligations, tax breaks, or other financial commitments needed from the township; this resolution is required by the state to show support from the local unit of government.

PROPOSED MOTION: I move to adopt **Resolution #2019-11-12-103** authorizing the board of trustees to approve the attached Resolution of Support for the Robert Bosch LLC's Application to the Good Jobs for Michigan Program.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION OF SUPPORT FOR THE ROBERT BOSCH, LLC APPLICATION TO
THE GOOD JOBS FOR MICHIGAN PROGRAM**

RESOLUTION # 2019-11-12-103

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 12, 2019, the following resolution was offered:

WHEREAS, Michigan Public Act. No. 109 of 2017 – The Good Jobs for Michigan Fund – was created to promote economic development in the state by allowing the capture of state withholding taxes for a limited period of time based on the average annual wage and the number of certified new jobs created by the authorized business; and,

WHEREAS, Michigan Public Act No. 109 of 2017 requires local governing body support in order for Good Jobs for Michigan Fund assistance to be considered by the State of Michigan for a project; and,

WHEREAS, The Charter Township of Plymouth desires to promote economic development in the community and have the ability for potential local qualified projects to be able to access State of Michigan economic development programs such as the Good Jobs for Michigan Fund; and,

WHEREAS, Robert Bosch, LLC. is proposing to expand mobility research and development facilities, including at the company's existing Township business location on Haggerty Road; and,

WHEREAS, the proposed facilities would employ approximately 500 people and represent a qualified capital investment of approximately \$4.5 million over five years; and

WHEREAS, Robert Bosch LLC is seeking Good Jobs for Michigan funds in order to make the decision to select the Plymouth Township site for this project;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-11-12-103** authorizing Robert Bosch LLC's application to the Good Jobs for Michigan program in order to encourage the economic development and job creation benefits expected from the proposed siting of a mobility industry research and development facility in the Charter Township of Plymouth.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.6
RESOLUTION TO DESIGNATE NEW
VOTING PRECINCT LOCATIONS
RESOLUTION #2019-11-12-104**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: New Voting Precinct Locations, **Resolution #2019-11-12-104**

PRESENTERS: Clerk Jerry Vorva

BACKGROUND:

Due to the anticipated increase in absentee voter ballot processing and the selling and construction of property, Precincts 3 and 9 need to be relocated.

PROPOSED MOTION: I move to adopt **Resolution #2019-11-12-104** authorizing the relocation of Precinct 3 to Allen Early Learning Academy and Precinct 9 to Northridge Church.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

RESOLUTION TO AUTHORIZE NEW VOTING PRECINCT LOCATIONS

RESOLUTION #2019-11-12-104

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 12, 2019, the following resolution was offered:

WHEREAS, with the passage of Proposal 3 in November 2018 there is a need for additional space at township hall to process absentee voter ballots; and,

WHEREAS, that would prevent the township from being able to accommodate Precinct 3 in person voters at township hall; and,

WHEREAS, Living Word Church is anticipating selling some of their property and are making plans for construction to the building; and,

WHEREAS, that may pose logistics problems with Precinct 9 in person voters; and,

WHEREAS, in an attempt to avoid any such problems it is proposed that Precinct 9 be moved to Northridge Church; and,

WHEREAS, there will be no changes in the boundaries of said Precincts; and;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-11-12-104** authorizing the relocation of Precinct 3 from township hall to Allen Early Learning Academy, 11100 N Haggerty Road and Precinct 9 from Living Word Church, 46500 N Territorial Rd, to Northridge Church, 49555 N Territorial, as being in the best interest of Precinct 3 and 9 voters.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.7
RAYYAN CENTER STORM DRAIN
AGREEMENT
RESOLUTION #2019-11-12-105**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Rayyan Center Storm Drain Agreement, Resolution #2019-11-12-105

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

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

ACTION REQUESTED:

Approve the enclosed resolution authorizing the township supervisor to sign the Wayne County Maintenance Permit and authorize the township supervisor and clerk to execute the storm drain agreement.

PROPOSED MOTION: Move to adopt **Resolution #2019-11-12-105** authorizing the township supervisor to sign the Wayne County Permit M-49095 and approve the storm drain agreement with Rayyan Center and authorize the township supervisor and clerk to execute same.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION TO APPROVE
STORM DRAIN AGREEMENT – RAYYAN CENTER**

RESOLUTION #2019-11-12-105

WHEREAS, the Plymouth Charter Township has been requested by RAYYAN CENTER to assume jurisdiction and maintenance of a certain storm drain (or storm sewer, as the case may be); and,

WHEREAS, the Wayne County Department of Public Services for the County of Wayne is agreeable to such request and has prepared a Permit No. M-49095 to be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and RAYYAN CENTER for the purposes therein stated; and,

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

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

NOW, THEREFORE, BE IT RESOLVED that the Plymouth Charter Township shall assume jurisdiction and maintenance of the storm drain servicing the premises at the street address of 46441 Five Mile Road, Plymouth, Michigan 48170 and owned by RAYYAN CENTER.

FURTHER, BE IT RESOLVED that the supervisor and clerk of the Plymouth Charter Township are authorized and empowered to execute Permit No. M-49095 of the Wayne County Department of Public Services in behalf of the Plymouth Charter Township; and,

FURTHER, BE IT RESOLVED that the supervisor and clerk of the Plymouth Charter Township are authorized and empowered to execute the Storm Drain Agreement in behalf of the Plymouth Charter Township together with RAYYAN CENTER in the form and substance of the instrument presented to this Board.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

STORM DRAIN AGREEMENT

THIS AGREEMENT, made and entered into this ____ day of _____, A.D., 20____, by and between the PLYMOUTH CHARTER TOWNSHIP, a Municipal Corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter referred to as "TOWNSHIP", and Rayyan Center whose address is 46441 Five Mile Road, Plymouth Township, Michigan 48170 hereinafter referred to as "PROPRIETOR", in consideration of the TOWNSHIP adopting a Resolution assuming jurisdiction and maintenance of a certain storm drain, a copy of which is attached as Exhibit A and incorporated by reference, and executing a certain Permit, a copy of which is attached as Exhibit B and incorporated by reference, with the WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES, COUNTY OF WAYNE, MICHIGAN, a public body corporate, providing certain duties and obligations undertaken by the TOWNSHIP in respect to a storm drain for the ultimate proximate benefit of PROPRIETOR and the special benefit of land within the PLYMOUTH CHARTER TOWNSHIP, County of Wayne and State of Michigan, hereinafter termed "SPECIALLY BENEFITED DISTRICT", described as:

Property Tax I.D.: 78-010-99-0002-712

Property Address: 46441 Five Mile Road, Plymouth Township, MI 48170

Legal Description: Parcel "A-1" (Proposed by Jekabson Survey dated July 22, 2005)

Part of the north half of Section 21, Town 1 South, Range 8 East, Plymouth Township, Wayne County, Michigan, described as: Commencing at the north quarter corner of Section 21; thence along the north line of Section 21 and the centerline of Five Mile Road, S.86°39'13" W., 616.25 feet; thence S. 00°00'03" E., 60.10 feet to the intersection of the south line of Five Mile Road and the east line of Pilot Drive and to the Point of Beginning; thence along the south line of Five Mile Road the following two courses: one (1) N. 86°39'13" E., 619.74 feet; thence N. 00°03'44" W., 687.08 feet; thence S. 89°56'16" W., 499.00 feet; thence along the east line of Pilot Drive the following five (5) courses: one (1) N. 00°03'44", 39.95 feet; two (2) along the arc of a curve to the right, 99.27 feet, radius 180.00 feet, central angle 31°35'38", chord bears N. 15°44'15" E., 84.13 feet; three (3) N. 31°32'14" E., 27.49 feet; four (4) along the arc of a curve to the left, 85.21 feet; thence radius 154.50 feet to the Point of Beginning; thence N. 89°56'16" E., 135.00 feet; thence S. 00°03'44"E., 35.00 feet; thence S. 89°56'16" W., 135.00 feet; thence along the east line of Pilot Drive, N. 00°03'44" W., 35.00 feet to the Point of Beginning. Subject to easements and restrictions of record.

and said storm drain, or the portion thereof, being assumed for jurisdiction and maintenance, is pictorially set forth on attached Exhibit B, incorporated by reference.

NOW, THEREFORE, in consideration of the foregoing and of these presents, TOWNSHIP and PROPRIETOR agree as follows:

1. The PROPRIETOR shall prepare and submit to the TOWNSHIP for review and approval by the TOWNSHIP, in its sole discretion, all construction and as built plans and specifications for the storm drains as the TOWNSHIP may require.

2. Upon completion of the PROPRIETOR'S construction, payment by the PROPRIETOR of the TOWNSHIP'S inspection and review fees, and submission of approved as built plans and specifications, the TOWNSHIP shall assume jurisdiction of the storm drain and maintain the same at its own cost and expense, subject to complete reimbursement of the same by the owners (at any time hereafter) of all lands in the aforescribed SPECIALLY BENEFITED DISTRICT and subject to such security and bonds as the TOWNSHIP may require of the PROPRIETOR.

3. The PROPRIETOR and the owners, their agents, heirs, successors and assigns, of all lands in the SPECIALLY BENEFITED DISTRICT shall defend, indemnify and save harmless from risk of loss and all expenses, costs, interest, actual attorneys' fees, settlement sums and judgments, if any, the TOWNSHIP from any claims, demands, actions, damages and injuries of any kind, nature or description which may hereafter at any time be made against the TOWNSHIP, whether directly or indirectly, on account of, arising from or occurring as a result of the design, construction, use, maintenance, repair, discharge to, violation of the Clean Water Act, or operation, or the omission of any of the same, of the storm drain and the appurtenances, connections, attachments and appliances thereof.

The PROPRIETOR and the owners, their agents, heirs, successors and assigns, shall be subject to the provisions of Ordinance No. 99, which provides, in pertinent part, for the creation of liens upon the SPECIALLY BENEFITED DISTRICT in favor of TOWNSHIP for any and all amounts unpaid by the SPECIALLY BENEFITED DISTRICT to the TOWNSHIP as a result of any claims, demands, actions, damages and injuries of any kind, nature or description which may hereafter at any time be made against the TOWNSHIP, whether directly or indirectly, on account of, arising from or occurring as a result of the design, construction, use, maintenance, repair or operation, or the omission of any of the same, of the storm drain and the appurtenances, connections, attachments and appliances thereof.

4. The PROPRIETOR, and the successors and assigns of same, and the owners of all lands in the SPECIALLY BENEFITED DISTRICT shall fully and faithfully perform each and all of the particular and the general conditions of the Permit, being Exhibit B.

5. PROPRIETOR shall constitute the following language as a restriction and covenant running with all of the land described as the SPECIALLY BENEFITED DISTRICT and binding upon all owners of said lands, and their agents, heirs, assigns and successors:

(a) The PLYMOUTH CHARTER TOWNSHIP, its successors, assigns, agents, independent contractors and employees, is hereby granted an irrevocable license to enter upon and across all land at any time for the purposes of inspecting, repairing, maintaining, removing, installing, reinstalling and constructing the storm drain which is the subject of a certain Storm Drain Agreement, dated OCTOBER 29, 2018, between the PLYMOUTH CHARTER TOWNSHIP AND RAYYAN CENTER therein referred to as PROPRIETOR, and which are subject to a Permit between the PLYMOUTH CHARTER TOWNSHIP and the WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES, WAYNE COUNTY, MICHIGAN dated 10/23/2018.

(b) The owner(s) of the land, and their agents, heirs, successors and assigns, shall be jointly and severally liable for all costs and expenses incurred by the PLYMOUTH CHARTER TOWNSHIP, together with reasonable charges for its administration, supervision and management, in

inspecting, repairing, maintaining, removing, installing, reinstalling and constructing the storm drain which is the subject of paragraph (a), immediately hereinbefore set forth. Such costs, expenses and charges shall be due and owing upon the PLYMOUTH CHARTER TOWNSHIP communicating the same in writing to the last known address of said PROPRIETOR filed with the Township Clerk and to the address of owner(s) as set forth on the then existing tax roll by first class mail, postage prepaid, and a proof of service of said mailing shall be conclusive evidence of the fact of actual notice to all persons, firms, corporations, associations or entities to whom such mailing was addressed. The foregoing shall not be the exclusive right or remedy of the PLYMOUTH CHARTER TOWNSHIP, rather all rights and remedies otherwise provided to the PLYMOUTH CHARTER TOWNSHIP by statute, ordinance, agreement or other provisions of this instrument shall be available to the PLYMOUTH CHARTER TOWNSHIP.

Further, the PROPRIETOR shall forthwith record this Storm Drain Agreement with the Wayne County Register of Deeds at PROPRIETOR'S sole cost and expense and furnish to the TOWNSHIP satisfactory evidence of such recording.

Wherever in this instrument the term "storm drain" is utilized, it shall be read to mean the same as "storm sewer".

IN WITNESS WHEREOF, the parties hereto have caused this Storm Drain Agreement to be executed by their respective, duly-authorized officers and their seals to be affixed hereto all as of the day and year first above written.

PROPRIETER

RAYYAN CENTER

By: Mamnoon Siddiqui
Mamnoon Siddiqui

Its: President and Member of Board of Trustees

By: Mohammad Usman
Mohammad Usman

Its: Treasurer and Member of Board of Trustees

PLYMOUTH CHARTER TOWNSHIP

By: _____
Kurt L. Heise

Its: Supervisor

By: _____
Jerry Vorva

Its: Clerk

STATE OF MICHIGAN)

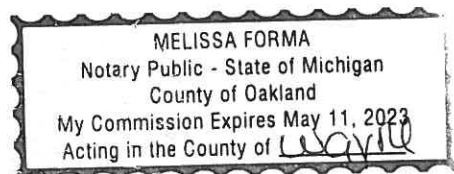
)ss.

COUNTY OF WAYNE)

Oakland

The foregoing instrument was acknowledged before me this 1 day of November, 2018,
by Hamnoon Siddiqui

Individual Name(s) and Office Held
of Rayyan Center, a Michigan Corporation, on behalf
of Rayyan Center Corporate Name State of Incorporation
the Corporation.



Melissa OK
Notary Public,
Oakland County, Michigan
My Commission Expires: 5/11/23

STATE OF MICHIGAN)

)ss.

COUNTY OF WAYNE)

The foregoing instrument was acknowledged before me this _____ day of _____
_____ 20 _____ by Kurt L. Heise, Supervisor of Plymouth Charter Township and Jerry Vorva, Clerk of
Plymouth Charter Township, a Michigan municipal corporation, on behalf of the Plymouth Charter
Township.

Notary Public

Wayne County, Michigan

My Commission Expires: _____

When recorded, return to:

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

Drafted by:

Ronald E. Witthoff, Esq.
Hemming, Polaczyk, Cronin,
Smith, Witthoff & Bennett, P.C.
217 W. Ann Arbor Road, Suite 302
Plymouth, MI 48170

INDIVIDUAL ACKNOWLEDGMENT

State/Commonwealth of Michigan }
 County of Wayne } ss.

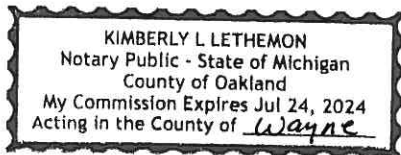
On this the 29 day of October, 2018, before me,
Kimberly L. Lethemon, the undersigned Notary Public,
Day Month Year
Name of Notary Public
 personally appeared Mohammad Usman,
Name(s) of Signer(s)

☐ personally known to me – OR –

☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same for the purposes therein stated.

WITNESS my hand and official seal.



Kimberly L. Lethemon
 Signature of Notary Public

Place Notary Seal/Stamp Above

Any Other Required Information
 (Printed Name of Notary, Expiration Date, etc.)

OPTIONAL

This section is required for notarizations performed in Arizona but is optional in other states. Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Storm Drain Agreement
 Document Date: October 29, 2018 Number of Pages: 2
 Signer(s) Other Than Named Above: N/A

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

72 HOURS BEFORE ANY
CONSTRUCTION. CALL

FOR INSPECTION



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

PERMIT No

M-49095

ISSUE DATE

10/23/2018

EXPIRES

REVIEW No.

R 15-626

WORK ORDER

PROJECT NAME

MAINTENANCE PERMIT FOR RAYAN CENTER

LOCATION

46441 5 MILE ROAD (SE CORNER OF 5 MILE ROAD & PILOT DRIVE)

CITY/TWP

PLYMOUTH TWP

PERMIT HOLDER

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

CONTRACTOR

CONTACT

CONTACT

KURT HEISE

(734) 354-3200

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DESCRIPTION OF PERMITTED ACTIVITY

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

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

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

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

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

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

APPROVED PLANS PREPARED BY

Dr. Mohammad Usman

PLANS APPROVED BY

Razi, M.

REQUIRED ATTACHMENTS

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

EXHIBIT 'B': LONG TERM MAINTENANCE PLAN

EXHIBIT 'C': BINDING AGREEMENT (COMMUNITY RESOLUTION)

(PERMIT VALID ONLY IF ACCOMPANIED BY ABOVE ATTACHMENTS)

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

WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES

PERMIT HOLDER NAME

DATE

PREPARED BY

PERMIT HOLDER / AUTHORIZED AGENT

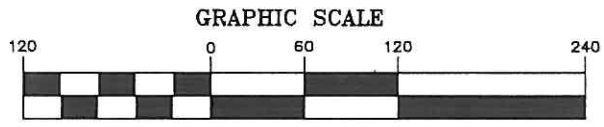
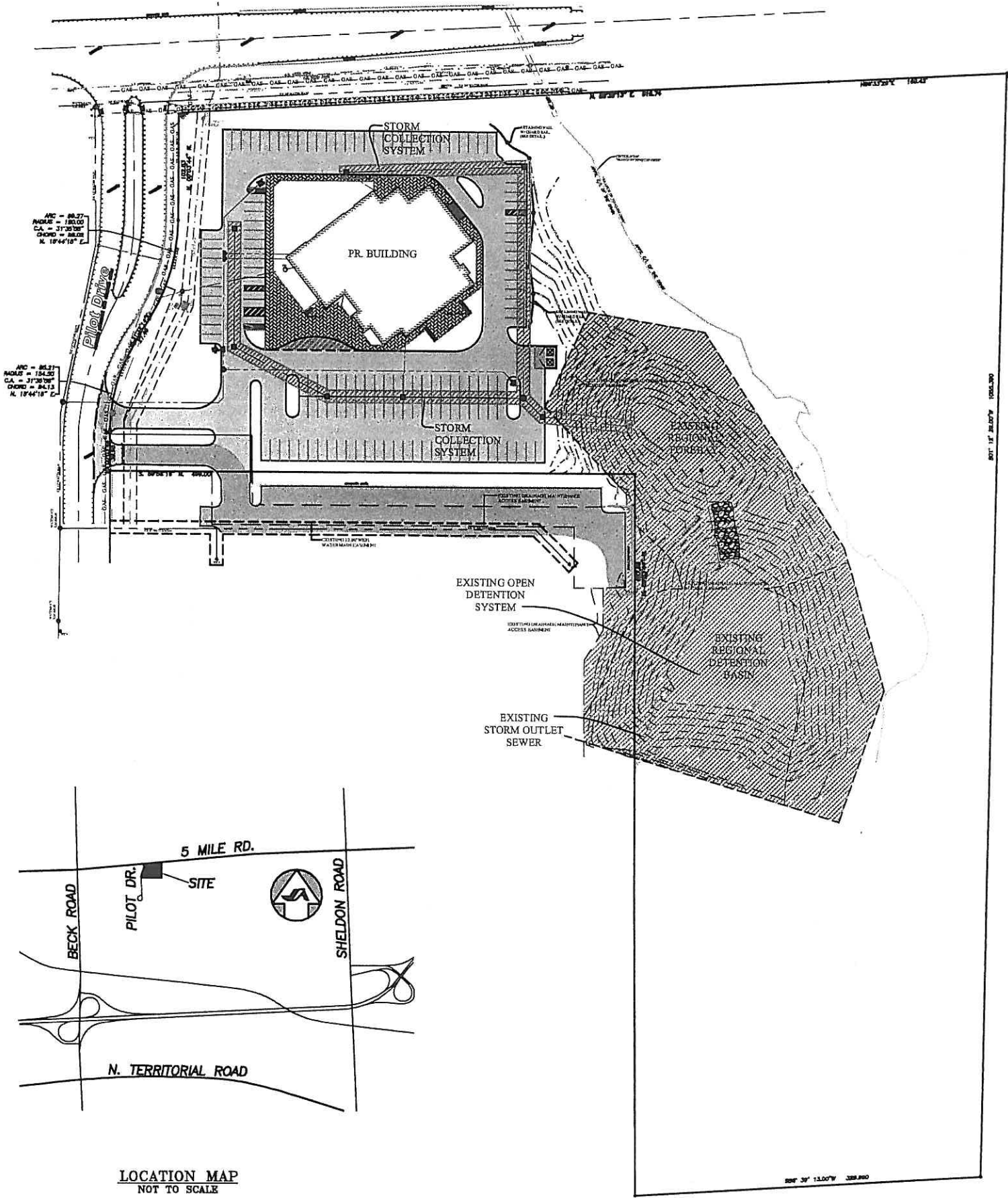
VALIDATED BY

PERMIT COORDINATOR

DATE

EXHIBIT "A"

PHYSICAL LIMITS OF STORM WATER MANAGEMENT



(IN FEET)
1 inch = 120 ft.

LEGEND

PLYMOUTH TOWNSHIP STORM MAINTENANCE RESPONSIBILITY

PROJECT LEAD: J.V. DESIGNED BY: M.G. DRAWN BY: M.G.	PROJECT ADDRESS: PARCEL ID# R-78-010-99-0002-712 PILOT DRIVE PLYMOUTH TWP., MI	CLIENT/OWNER INFORMATION: Dr. MOHAMMAD USMAN 4200 SIX MILE RD, STE # 202 NORTHVILLE, MI 48168 PHONE# 313-805-9797	RAYYAN CENTER STORM WATER MANAGEMENT SYSTEM	ISSUED FOR: WCDS ISSUE DATE: 02/05/2015	 Gateway Engineering & Surveying, Inc. Professional Engineering • Construction Staking • Construction Services • Soil Testing • Architectural Design & Rendering • Professional Realtors • Surveyors 8155 ANNSBURY DRIVE, SUITE # 109 SHELBY TWP., MI 48316 OFFICE #(586) 786-5533 FAX #(586) 786-5575
	GES PROJECT # 14-0704 WCDS # RI5-626 PAGE: 1 OF 2				

EXHIBIT "A"

PHYSICAL LIMITS OF STORM WATER MANAGEMENT

LEGAL DESCRIPTION:

PARCEL 'A-1' (PROPOSED BY JEKABSON SURVEY DATED JULY 22, 2005)

PART OF THE NORTH HALF OF SECTION 21, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 21; THENCE ALONG THE NORTH LINE OF SECTION 21 AND THE CENTERLINE OF FIVE MILE ROAD, S. 86°39'13" W., 616.25 FEET; THENCE S. 00°03'44" E., 60.10 FEET TO THE INTERSECTION OF THE SOUTH LINE OF FIVE MILE ROAD AND THE EAST LINE OF PILOT DRIVE AND TO THE POINT OF BEGINNING; THENCE ALONG THE SOUTH LINE OF FIVE MILE ROAD THE FOLLOWING TWO COURSES: ONE (1) N. 86°39'13" E., 619.74 FEET AND TWO (2) N. 86°39'29" E., 169.42 FEET; THENCE S. 01°12'29" W., 1055.39 FEET; THENCE S. 86°39'13" W., 329.99 FEET; THENCE N. 00°03'44" W., 687.08 FEET; THENCE S. 89°56'16" W., 499.00 FEET; THENCE ALONG THE EAST LINE OF PILOT DRIVE THE FOLLOWING FIVE (5) COURSES; ONE (1) N. 00°03'44" W., 39.95 FEET, TWO (2) ALONG THE ARC OF A CURVE TO THE RIGHT, 85.21 FEET, RADIUS 154.50 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS N. 15°44'15" E., 84.13 FEET, THREE (3) N. 31°32'14" E., 27.49 FEET, FOUR (4) ALONG THE ARC OF A CURVE TO THE LEFT, 99.27 FEET, RADIUS 180.00 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS N. 15°44'15" E. 98.02 FEET, FIVE (5) N. 00°03'44" W., 102.83 FEET TO THE POINT OF BEGINNING. CONTAINS 11.987 ACRES. SUBJECT TO AND TOGETHER WITH A 35.00 FOOT WIDE EASEMENT FOR INGRESS, EGRESS AND UTILITIES, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 21; THENCE ALONG THE NORTH LINE OF SECTION 21 AND THE CENTERLINE OF FIVE MILE ROAD, S. 86°39'13" W., 616.25 FEET; THENCE S. 00°03'44" E., 60.10 FEET TO THE INTERSECTION OF THE SOUTH LINE OF FIVE MILE ROAD AND THE EAST LINE OF PILOT DRIVE; THENCE ALONG THE EAST LINE OF PILOT DRIVE THE FOLLOWING FIVE (5) COURSES; ONE (1) S. 00°03'44" E., 102.83 FEET, TWO (2) ALONG THE ARC OF A CURVE TO THE RIGHT, 99.27 FEET, RADIUS 180.00 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS S. 15°44'15" W., 98.02 FEET, THREE (3) S. 31°32'14" W., 27.49 FEET, FOUR (4) ALONG THE ARC OF A CURVE TO THE LEFT, 85.21 FEET, RADIUS 154.50 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS S. 15°44'15" W., 84.13 FEET, AND FIVE (5) S. 00°03'44" E., 4.95 FEET TO THE POINT OF BEGINNING; THENCE N. 89°56'16" E., 135.00 FEET; THENCE S. 00°03'44" E., 35.00 FEET; THENCE S. 89°56'16" W., 135.00 FEET; THENCE ALONG THE EAST LINE OF PILOT DRIVE, N. 00°03'44" W., 35.00 FEET TO THE POINT OF BEGINNING. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

DRAINAGE MAINTENANCE ACCESS EASEMENT #1

PART OF THE PROPOSED PARCEL 'A-1' AS DESCRIBED IN THE JEKABSON SURVEY OF JULY 22, 2005 AND DESCRIBED AS:

COMMENCING AT THE SOUTH WEST CORNER OF PARCEL 'A-1', LOCATED ON THE EAST RIGHT-OF-WAY LINE OF PILOT DRIVE, AS DESCRIBED IN THE JEKABSON SURVEY DATED JULY 22, 2005, WHICH IS THE POINT OF BEGINNING; THENCE N. 00°03'44" W., 35.00 FEET; THENCE N. 89°56'16" E., 135.00 FEET; THENCE S. 00°03'44" E., 35.00 FEET; THENCE S. 89°56'16" W., 135.00 FEET TO THE POINT OF BEGINNING.

CONTAINING 4,724.98 SQUARE FEET OR 0.108 ACRES OF LAND MORE OR LESS.

DRAINAGE MAINTENANCE ACCESS EASEMENT #2

PART OF THE PROPOSED PARCEL 'A-1' AS DESCRIBED IN THE JEKABSON SURVEY OF JULY 22, 2005 AND DESCRIBED AS:

COMMENCING AT THE SOUTH WEST CORNER OF PARCEL 'A-1', LOCATED ON THE EAST RIGHT-OF-WAY LINE OF PILOT DRIVE, AS DESCRIBED IN THE JEKABSON SURVEY DATED JULY 22, 2005; THENCE N. 89°56'16" E., 473.04 FEET TO THE POINT OF BEGINNING; THENCE N. 43°05'18" W., 87.37 FEET; THENCE N. 24°52'37" E., 98.96 FEET; THENCE S. 80°51'21" E., 111.80 FEET; THENCE S. 32°59'36" E., 244.92 FEET; THENCE S. 15°49'29" E., 140.61 FEET; THENCE S. 19°01'05" W., 132.05 FEET; THENCE N. 72°46'47" W., 273.38 FEET; THENCE N. 00°03'44" W., 687.08 FEET; THENCE S. 89°56'16" W., 25.96 FEET TO THE POINT OF BEGINNING.

CONTAINING 92,122.80 SQUARE FEET OR 2.115 ACRES OF LAND MORE OR LESS.

PROJECT LEAD: J.V. DESIGNED BY: M.G. DRAWN BY: M.G.	PROJECT ADDRESS: PARCEL ID# R-78-010-99-0002-712 PILOT DRIVE PLYMOUTH TWP., MI	<h2 style="text-align: center; margin: 0;">RAYYAN CENTER</h2> <hr/> <h3 style="text-align: center; margin: 0;">STORM WATER MANAGEMENT SYSTEM</h3> <hr/> GES PROJECT # 14-0704 WCDPS # R15-626	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">ISSUED FOR</th> <th style="width: 50%;">ISSUE DATE</th> </tr> </thead> <tbody> <tr> <td>WCDPS</td> <td>02/05/2015</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	ISSUED FOR	ISSUE DATE	WCDPS	02/05/2015																
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WCDPS	02/05/2015																						
CLIENT/OWNER INFORMATION: Dr. MOHAMMAD USMAN 4200 SIX MILE RD, STE # 202 NORTHVILLE, MI 48168 PHONE# 313-805-9797		<div style="text-align: center;"> Gateway Engineering & Surveying, Inc. </div> <p style="text-align: center; font-size: small;"> Professional Engineering • Construction Staking • Construction Services • Soil Testing • Architectural Design & Rendering Professional Real Estate Surveyors </p> <hr/> <p style="text-align: center;"> B155 ANNSBURY DRIVE, SUITE # 109 SHELBY TWP., MI 48316 OFFICE # (586) 786-5533 FAX # (586) 786-5575 </p>																					

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

Wayne County DPS Permit No.: M-
Wayne County DPS Plan Review No.: R15-626

A. Physical Limits of the Storm Water Management System

The storm water management system (SWMS) subject to this long-term maintenance plan (Plan) is depicted on Exhibit A to the permit and includes without limitation the storm sewers, catch basins, manholes, inlets, swales, buffer strip, spillways, regional forebay and detention basin, outlet control structure and outlet pipe that conveys flow from the regional detention basin to Tonquish Creek. For the purposes of this plan, this storm water management system (SWMS) and all of its components as shown in Exhibit A is referred to as "Rayyan Center SWMS".

B. Time Frame for Long-Term Maintenance Responsibility

Dr. Mohammad Usman is responsible for maintaining the Rayyan Center SWMS, including complying with applicable requirements of the local or Wayne County soil erosion and sedimentation control program until Wayne County releases the construction permit. Long-term maintenance responsibility for the Rayyan Center SWMS commences when defined by the maintenance permit issued by the County. Long-term maintenance continues in perpetuity.

C. Manner of Insuring Maintenance Responsibility

Plymouth Township has assumed responsibility for long-term maintenance of Rayyan Center SWMS. The resolution by which the Plymouth Township has assumed maintenance responsibility is attached to the permit as Exhibit C. Dr. Mohammad Usman, through a maintenance agreement with Plymouth Township, has agreed to perform the maintenance activities required by this plan. Plymouth Township retains the right to enter the property and perform the necessary maintenance of the Rayyan Center SWMS if Dr. Mohammad Usman fails to perform the required maintenance activities. To ensure that the Rayyan Center SWMS is maintained in perpetuity, the map of the physical limits of the storm water management system (Exhibit A), this plan (Exhibit B), the resolution attached as Exhibit C, and the maintenance agreement between the Plymouth Township and the property owner(s) will be recorded with the Wayne County Register of Deeds. Upon recording, a copy of the recorded documents will be provided to the County.

D. Long-Term Maintenance Plan and Schedule

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

TABLE 1 STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE SCHEDULE								
MAINTENANCE ACTIVITIES	SYSTEM COMPONENTS	Storm Collection System (Inlets, Catch Basins, Manholes, Swales, Sewers)	Inlets to Forebay & Detention Basin	Regional Forebay & Detention Basin	Outlet Control Structures & Outlet Pipes	Buffer Strip	Spillways, Ripraps	Pavement Areas, Others
Monitoring/Inspection								
Inspect for Sediment Accumulation**/Clogging of Stone Filter		X	X	X	X			Annually
Inspect For Floatables, Dead Vegetation & Debris		X	X	X	X	X		Annually & After Major Events
Inspect For Erosion And Integrity of Banks & Berms		X	X	X	X	X	X	Annually & After Major Events
Monitor Plantings/Vegetation				X		X		2 Times per Year
Inspect All Components During Wet Weather & Compare to As-Built Plans		X	X	X	X	X	X	Annually
Ensure Maintenance Access Remain Open/Clear		X	X	X	X	X	X	Annually
Preventative Maintenance								
Mowing				X		X		As Needed, select areas only*
Remove Accumulated sediments		X	X	X	X			As needed**
Remove Floatables, Debris, Invasive & Dead Vegetation		X	X	X	X	X		As Needed
Replace or Wash & Reuse risers stone filters				X				Every 3 years, or as needed***
Sweeping of Paved Surfaces, Others							X	As Needed
Remedial Actions								
Repair/Stabilize Areas of Erosion		X	X	X	X	X	X	As Needed
Replace Dead Plantings and Trees, Reseed Bare Areas				X		X		As needed
Structural Repairs		X	X	X	X	X	X	As Needed
Make Adjustments/Repairs to Ensure Proper Functioning		X	X	X	X	X	X	As Needed

NOTES: *Not to exceed the length allowed by local community ordinance. **Forebay & Detention Basin to be cleaned whenever sediments accumulate to a depth of 6-12 inches, or if sediment resuspension is observed. *** Replace stones if they cannot be adequately cleaned.

PROPERTY INFORMATION: Rayyan Center SE Corner of Pilot & 5 Mile Roads Plymouth Township, Wayne County, Michigan	PROPERTY OWNER: Dr. Mohammad Usman 4200 Six Mile Road, Suite 202 Northville, MI 48168 Contact: Dr. Mohammad Usman Phone: (313) 805-9797	ENGINEER: Gateway Engineering & Surveying, Inc. 8155 Annsbury, Suite 109 Shelby Township, MI 48316 Phone: (586) 786-5533 Fax: (586) 786-5575	DATE: 1/ 23/2016
			SHEET 1 OF 1

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.8
RAYYAN CENTER WATER MAIN
AGREEMENT
RESOLUTION #2019-11-12-106**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Rayyan Center Main Easement, Resolution #2019-11-12-106

PRESENTER: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

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

Once approved by the board, the documents are signed by the township clerk, the township attorney and the township engineer before recording them with Wayne County. Once recorded, the original easement remains on file in the clerk's office.

ACTION REQUESTED:

Approve the easement.

PROPOSED MOTION: I move to adopt **Resolution #2019-11-12-106** authorizing the township clerk, township attorney and township engineer to sign the water main easement for Rayyan Center and to authorize the recording of same.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION TO AUTHORIZE THE WATER MAIN EASEMENT
FOR RAYYAN CENTER**

RESOLUTION #2019-11-12-106

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 12, 2019, the following resolution was offered:

WHEREAS, Rayyan Center, located at 46441 Five Mile Road, Plymouth, Michigan installed a water main necessary for the development of their property, and,

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

NOW, THEREFORE, BE IT RESOLVED that Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-11-12-106** authorizing the easement for the water main located on the property at Rayyan Center, 46441 Five Mile Road, Plymouth, Michigan and grants approval for the township clerk, township attorney, and township engineer to sign and file the appropriate paperwork with Wayne County.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

EASEMENT

Rayyan Center having an address of 40764 Coachwood Circle, Northville, Michigan 48168 hereinafter designated "GRANTOR", in consideration of the sum of One Dollar, receipt of which is hereby acknowledged and determined to be fair and just compensation by GRANTOR, does by these presents covenant and warrant that GRANTOR is the fee simple owner of the property described below and does grant and convey to the Plymouth Charter Township, a Michigan municipal corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter designated "GRANTEE", an easement and right of way for the purpose of installation, inspection, maintenance, repair, operation and removal of municipally owned utilities, including without limitation water, storm sewer and sanitary sewer and connections thereto, in, upon and across the property owned by GRANTOR, situated in the Plymouth Charter Township, Wayne County, Michigan and more particularly described in EXHIBIT A.

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

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

END OF PAGE

IN WITNESS WHEREOF, GRANTOR has executed this instrument on Sept. 20, 2019.

GRANTOR

RAYYAN CENTER

Mamnoon Siddiqui

Mamnoon Siddiqui
President and Board Member of Board of Trustees

Mohammad Usman

Mohammad Usman
Treasurer and Board Member of Board of Trustees

State of MI)
County of Oakland)ss.

The foregoing instrument was acknowledged before me this September 20th, 2019, by Mamnoon Siddiqui, President and Board Member of Board of Trustees, and Mohammad Usman, Treasurer and Board Member of Board of Trustees.

Notary Public, Oakland County, Michigan

My commission expires: 9/20/20

This instrument drafted by:

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

After recording return this instrument to:

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

This instrument is exempt from the Michigan transfer tax pursuant to Section 5a, being MCLA 207.505a.

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

Kevin Bennett, Township Attorney

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

Jeremy Schrot, P.E., Township Engineer

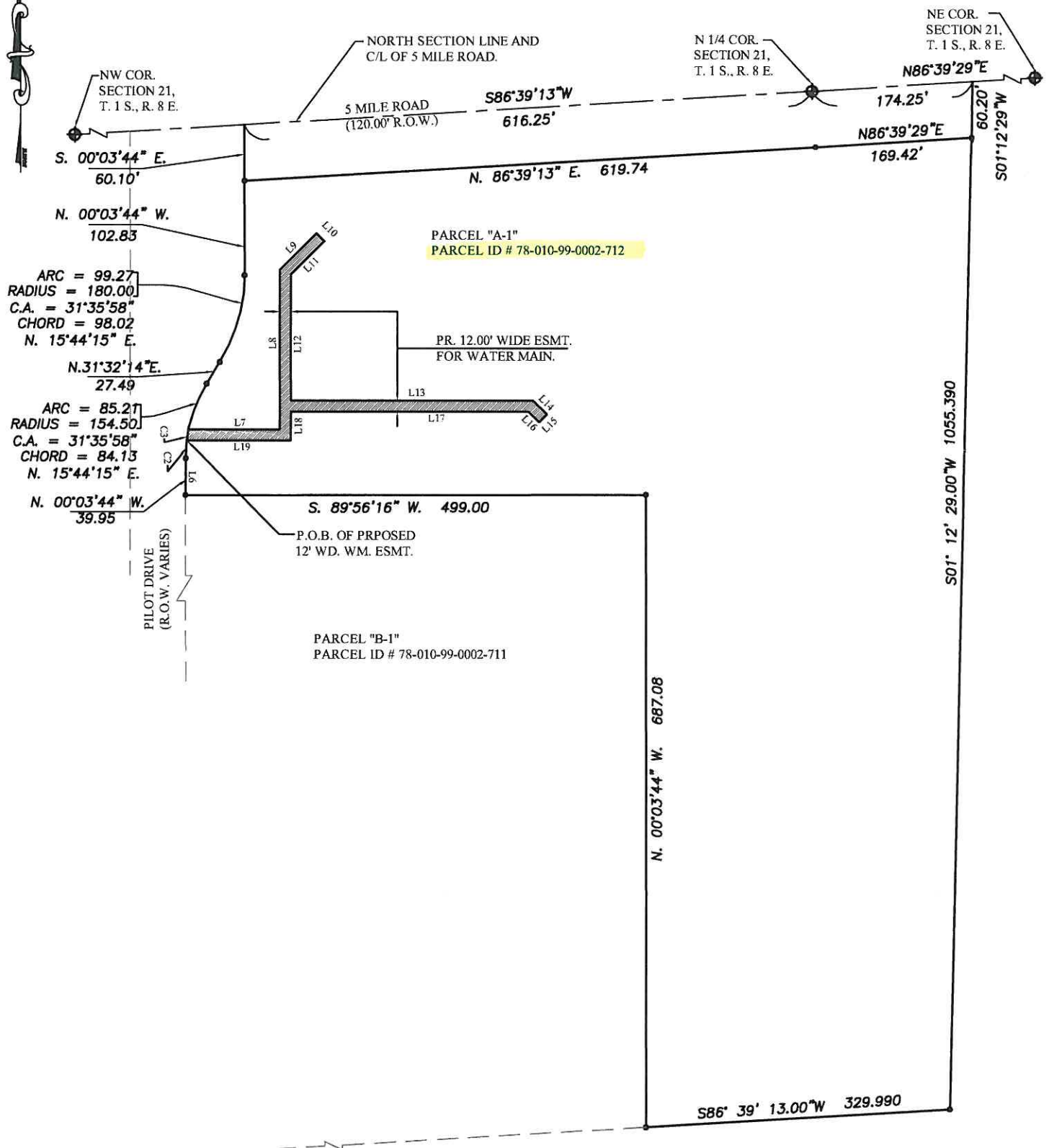
This instrument accepted by the Board of Trustees of the Plymouth Charter Township at its meeting of _____, 20____, and directed to be recorded.

Jerry Vorva, Plymouth Charter Township Clerk



WATER MAIN EASEMENT

Exhibit A



CURVE TABLE

CURVE	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD LENGTH
C2	19.36	154.50	7°10'51"	S03°31'42"W	19.35
C3	12.17	154.50	4°30'45"	S09°22'30"W	12.16

LINE TABLE

LINE	LENGTH	BEARING
L6	39.95	N00°03'44"W
L7	98.77	N89°56'16"E
L8	172.78	N00°00'00"E
L9	56.69	N45°00'00"E
L10	12.00	S45°00'00"E
L11	51.72	S45°00'00"W
L12	136.24	S00°00'00"E
L13	262.54	N90°00'00"E
L14	21.79	S45°00'00"E
L15	12.00	S45°00'00"W
L16	16.82	N45°00'00"W
L17	257.57	S90°00'00"W
L18	31.56	S00°00'00"E
L19	112.75	S89°56'16"W

EXHIBIT A

Page 1 of 2

RAYYAN CENTER

ADD: 46411 FIVE MILE ROAD, PLYMOUTH TWP., MI 48170



Professional Engineering • Construction Staking • Construction
Services • Soil Testing • Architectural Design & Rendering
Professional Realtors • Surveyors

8155 ANNSBURY SUITE 109
SHELBY TWP. MI 48316
OFFICE (586) 786-5533 FAX (586) 786-5575

DATE: 02/16/2016

PROJECT # 14-0704

SCALE: 1"=150'

PAGE: 1 OF 2

WATER MAIN EASEMENT DISCRIPTION

Exhibit A

PARCEL 'A-1' (PROPOSED BY JEKABSON SURVEY DATED JULY 22, 2005)

PART OF THE NORTH HALF OF SECTION 21, TOWN 1 SOUTH, RANGE 8 EAST, PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 21; THENCE ALONG THE NORTH LINE OF SECTION 21 AND THE CENTERLINE OF FIVE MILE ROAD, S. 86°39'13" W., 616.25 FEET; THENCE S. 00°03'44" E., 60.10 FEET TO THE INTERSECTION OF THE SOUTH LINE OF FIVE MILE ROAD AND THE EAST LINE OF PILOT DRIVE AND TO THE POINT OF BEGINNING; THENCE ALONG THE SOUTH LINE OF FIVE MILE ROAD THE FOLLOWING TWO COURSES: ONE (1) N. 86°39'13" E., 619.74 FEET AND TWO (2) N. 86°39'29" E., 169.42 FEET; THENCE S. 01°12'29" W., 1055.39 FEET; THENCE S. 86°39'13" W., 329.99 FEET; THENCE N. 00°03'44" W., 687.08 FEET; THENCE S. 89°56'16" W., 499.00 FEET; THENCE ALONG THE EAST LINE OF PILOT DRIVE THE FOLLOWING FIVE (5) COURSES: ONE (1) N. 00°03'44" W., 39.95 FEET, TWO (2) ALONG THE ARC OF A CURVE TO THE RIGHT, 85.21 FEET, RADIUS 154.50 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS N. 15°44'15" E., 84.13 FEET, THREE (3) N. 31°32'14" E., 27.49 FEET, FOUR (4) ALONG THE ARC OF A CURVE TO THE LEFT, 99.27 FEET, RADIUS 180.00 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS N. 15°44'15" E. 98.02 FEET, FIVE (5) N. 00°03'44" W., 102.83 FEET TO THE POINT OF BEGINNING. CONTAINS 11.987 ACRES. SUBJECT TO AND TOGETHER WITH A 35.00 FOOT WIDE EASEMENT FOR INGRESS, EGRESS AND UTILITIES, DESCRIBED AS: COMMENCING AT THE NORTH QUARTER CORNER OF SECTION 21; THENCE ALONG THE NORTH LINE OF SECTION 21 AND THE CENTERLINE OF FIVE MILE ROAD, S. 86°39'13" W., 616.25 FEET; THENCE S. 00°03'44" E., 60.10 FEET TO THE INTERSECTION OF THE SOUTH LINE OF FIVE MILE ROAD AND THE EAST LINE OF PILOT DRIVE; THENCE ALONG THE EAST LINE OF PILOT DRIVE THE FOLLOWING FIVE (5) COURSES: ONE (1) S. 00°03'44" E., 102.83 FEET, TWO (2) ALONG THE ARC OF A CURVE TO THE RIGHT, 99.27 FEET, RADIUS 180.00 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS S. 15°44'15" W., 98.02 FEET, THREE (3) S. 31°32'14" W., 27.49 FEET, FOUR (4) ALONG THE ARC OF A CURVE TO THE LEFT, 85.21 FEET, RADIUS 154.50 FEET, CENTRAL ANGLE 31°35'58", CHORD BEARS S. 15°44'15" W., 84.13 FEET, AND FIVE (5) S. 00°03'44" E., 4.95 FEET TO THE POINT OF BEGINNING; THENCE N. 89°56'16" E., 135.00 FEET; THENCE S. 00°03'44" E., 35.00 FEET; THENCE S. 89°56'16" W., 135.00 FEET; THENCE ALONG THE EAST LINE OF PILOT DRIVE, N. 00°03'44" W., 35.00 FEET TO THE POINT OF BEGINNING. SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

LEGAL DESCRIPTION OF 12' WD. WM. ESMT:

PART OF THE PROPOSED PARCEL "A-1" AND DESCRIBED AS:

COMMENCING AT THE SOUTH WEST CORNER OF PARCEL "A-1"; THENCE N00°03'44"W 39.95 FEET; THENCE ALONG A ARC OF A CURVE TO THE RIGHT 19.36 FEET, RADIUS 154.50', CHORD BEARING N03°31'42"E 19.35 FEET, TO THE POINT OF BEGENING OF THE PROPOSED 12.00 FEET WIDE WATERMAIN EASEMENT; THENCE ALONG A ARC OF CUREVE TO THE RIGHT 12.17 FEET, RADIUS 154.50 FEET, CHORD BERAING N09°22'30"E 12.16 FEET; THENCE N89°56'16"E 98.77 FEET; THENCE NORTH 172.78 FEET; THENCE N45°00'00"E 56.69 FEET; THENCE S45°00'00"E 12.00 FEET; THENCE S45°00'00"W 51.72 FEET; THENCE SOUTH 136.24 FEET; THENCE EAST 262.54 FEET; THENCE S45°00'00"E 21.79 FEET; THENCE S45°00'00"W 12.00 FEET; THENCE N45°00'00"W 16.82 FEET; THENCE WEST 257.57 FEET; THENCE SOUTH 31.56 FEET; THENCE S89°56'16"W 112.75 FEET TO THE POINT OF BEGENING OF THE PROPOSED 12' WIDE WATERMAIN EASEMENT.

Exhibit A
page 2 of 2

RAYYAN CENTER

ADD: 46411 FIVE MILE ROAD, PLYMOUTH TWP., MI 48170



Professional Engineering, Measurement Staking, Construction
Services, 4011 Testing, Architectural Design & Rendering
Professional Real Estate, Surveyors

8155 ANNSBURY SUITE 109

SHELBY TWP. MI 48316

OFFICE (586) 786-5533 FAX (586) 786-5575

DATE: 02/16/2016

PROJECT # 14-0704

SCALE: N.T.S.

PAGE: 2 OF 2

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019**

NEW BUSINESS

**ITEM F.9
PLYMOUTH PARK & EATS STORM
DRAIN AGREEMENT
RESOLUTION #2019-11-12-107**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: November 12, 2019

ITEM: Plymouth Park & Eats Storm Drain Agreement, **Resolution #2019-11-12-107**

PRESENTERS: Jeremy Schrot, PE, Township Engineer

BACKGROUND:

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

ACTION REQUESTED:

Approve the enclosed resolution authorizing the township supervisor to sign the Wayne County Maintenance Permit and authorize the township supervisor and clerk to execute the storm drain agreement.

PROPOSED MOTION: I move to adopt **Resolution #2019-11-12-107** authorizing the township supervisor to sign the Wayne County Permit C-51207 and approve the storm drain agreement with Nextgen Detroit - Plymouth Park & Eats, LLC and authorize the township supervisor and clerk to execute same.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION TO APPROVE
STORM DRAIN AGREEMENT - NEXTGEN DETROIT -
PLYMOUTH PARK & EATS, LLC**

RESOLUTION #2019-11-12-107

WHEREAS, the Charter Township of Plymouth has been requested by NEXTGEN DETROIT - PLYMOUTH PARK & EATS, LLC to assume jurisdiction and maintenance of a certain storm drain (or storm sewer, as the case may be); and,

WHEREAS, the Wayne County Department of Public Services for the County of Wayne is agreeable to such request and has prepared a Permit No. C-51207 to be entered into by said Wayne County Department of Public Services, the Charter Township of Plymouth, and NEXTGEN DETROIT - PLYMOUTH PARK & EATS, LLC for the purposes therein stated; and,

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

WHEREAS, NEXTGEN DETROIT - PLYMOUTH PARK & EATS, LLC as willingly and freely affirmed the desire and intent to execute and record instruments for the purpose of insuring that the Charter Township of Plymouth will be held harmless from all costs and expenses in any way pertaining to the Charter Township of Plymouth assuming the afore described maintenance and jurisdiction or to the aforesaid permit being executed by the Charter Township of Plymouth;

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth shall assume jurisdiction and maintenance of the storm drain servicing the premises at the street address of 39411 Schoolcraft, Plymouth, Michigan 48170 and owned by NEXTGEN DETROIT - PLYMOUTH PARK & EATS, LLC.

FURTHER, BE IT RESOLVED that the supervisor and clerk of the Charter Township of Plymouth are authorized and empowered to execute Permit No. C-51207 of the Wayne County Department of Public Services on behalf of the Charter Township of Plymouth; and,

FURTHER, BE IT RESOLVED that the supervisor and clerk of the Charter Township of Plymouth are authorized and empowered to execute the Storm Drain Agreement on behalf of the Charter Township of Plymouth together with NEXTGEN DETROIT - PLYMOUTH PARK & EATS, LLC in the form and substance of the instrument presented to this Board.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

STORM DRAIN AGREEMENT

THIS AGREEMENT, made and entered into this ____ day of _____, A.D., 20____, by and between the PLYMOUTH CHARTER TOWNSHIP, a Municipal Corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter referred to as "TOWNSHIP", and NextGen Detroit – Plymouth Park & Eats, LLC whose address is 965 Wanda, Suite E, Ferndale, Michigan 48220 hereinafter referred to as "PROPRIETOR", in consideration of the TOWNSHIP adopting a Resolution assuming jurisdiction and maintenance of a certain storm drain, a copy of which is attached as Exhibit A and incorporated by reference, and executing a certain Permit, a copy of which is attached as Exhibit B and incorporated by reference, with the WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES, COUNTY OF WAYNE, MICHIGAN, a public body corporate, providing certain duties and obligations undertaken by the TOWNSHIP in respect to a storm drain for the ultimate proximate benefit of PROPRIETOR and the special benefit of land within the PLYMOUTH CHARTER TOWNSHIP, County of Wayne and State of Michigan, hereinafter termed "SPECIALLY BENEFITED DISTRICT", described as:

Property Tax I.D.: 78-024-99-0049-000

Property Address: 39411 Schoolcraft, Plymouth Township, MI

Legal Description: A parcel of land being part of the SE ¼ of Section 24, Town 1 South, Range 8 East, Plymouth Township, Wayne County, Michigan being more particularly described as: Beginning at the SE corner of Section 24, thence South 88 degrees 26 minutes 00 seconds West 136.00 feet along the South line of said Section 24; thence North 00 degrees 39 minutes West 155.54 feet (recorded as 155.05 feet) to a point on the Southerly right-of-way line of Schoolcraft Road (as monumented), thence South 79 degrees 31 minutes 00 seconds East 138.53 feet (recorded as 138.60 feet) along said Southerly right-of-way line to a point on the east line of said Section 24, said line also being the centerline of Eckles Road (120.00 feet wide); thence South 00 degrees 39 minutes 31 seconds East 126.72 feet (South 00 degrees 39 minutes 00 seconds East 126.12 feet) along the East line and centerline to the Point of the Beginning. Containing 0.44 acre more or less.

and said storm drain, or the portion thereof, being assumed for jurisdiction and maintenance, is pictorially set forth on attached Exhibit B, incorporated by reference.

NOW, THEREFORE, in consideration of the foregoing and of these presents, TOWNSHIP and PROPRIETOR agree as follows:

1. The PROPRIETOR shall prepare and submit to the TOWNSHIP for review and approval by the TOWNSHIP, in its sole discretion, all construction and as built plans and specifications for the storm drains as the TOWNSHIP may require.

2. Upon completion of the PROPRIETOR'S construction, payment by the PROPRIETOR of the TOWNSHIP'S inspection and review fees, and submission of approved as built plans and specifications, the TOWNSHIP shall assume jurisdiction of the storm drain and maintain the same at its own cost and expense, subject to complete reimbursement of the same by the owners (at any time

hereafter) of all lands in the aforescribed SPECIALLY BENEFITED DISTRICT and subject to such security and bonds as the TOWNSHIP may require of the PROPRIETOR.

3. The PROPRIETOR and the owners, their agents, heirs, successors and assigns, of all lands in the SPECIALLY BENEFITED DISTRICT shall defend, indemnify and save harmless from risk of loss and all expenses, costs, interest, actual attorneys' fees, settlement sums and judgments, if any, the TOWNSHIP from any claims, demands, actions, damages and injuries of any kind, nature or description which may hereafter at any time be made against the TOWNSHIP, whether directly or indirectly, on account of, arising from or occurring as a result of the design, construction, use, maintenance, repair, discharge to, violation of the Clean Water Act, or operation, or the omission of any of the same, of the storm drain and the appurtenances, connections, attachments and appliances thereof.

The PROPRIETOR and the owners, their agents, heirs, successors and assigns, shall be subject to the provisions of Ordinance No. 99, which provides, in pertinent part, for the creation of liens upon the SPECIALLY BENEFITED DISTRICT in favor of TOWNSHIP for any and all amounts unpaid by the SPECIALLY BENEFITED DISTRICT to the TOWNSHIP as a result of any claims, demands, actions, damages and injuries of any kind, nature or description which may hereafter at any time be made against the TOWNSHIP, whether directly or indirectly, on account of, arising from or occurring as a result of the design, construction, use, maintenance, repair or operation, or the omission of any of the same, of the storm drain and the appurtenances, connections, attachments and appliances thereof.

4. The PROPRIETOR, and the successors and assigns of same, and the owners of all lands in the SPECIALLY BENEFITED DISTRICT shall fully and faithfully perform each and all of the particular and the general conditions of the Permit, being Exhibit B.

5. PROPRIETOR shall constitute the following language as a restriction and covenant running with all of the land described as the SPECIALLY BENEFITED DISTRICT and binding upon all owners of said lands, and their agents, heirs, assigns and successors:

(a) The PLYMOUTH CHARTER TOWNSHIP, its successors, assigns, agents, independent contractors and employees, is hereby granted an irrevocable license to enter upon and across all land at any time for the purposes of inspecting, repairing, maintaining, removing, installing, reinstalling and constructing the storm drain which is the subject of a certain Storm Drain Agreement, dated _____, 20____, between the PLYMOUTH CHARTER TOWNSHIP AND NextGen Detroit – Plymouth Park & Eats, LLC therein referred to as PROPRIETOR, and which are subject to a Permit between the PLYMOUTH CHARTER TOWNSHIP and the WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES, WAYNE COUNTY, MICHIGAN dated _____.

(b) The owner(s) of the land, and their agents, heirs, successors and assigns, shall be jointly and severally liable for all costs and expenses incurred by the PLYMOUTH CHARTER TOWNSHIP, together with reasonable charges for its administration, supervision and management, in inspecting, repairing, maintaining, removing, installing, reinstalling and constructing the storm drain which is the subject of paragraph (a), immediately hereinbefore set forth. Such costs, expenses and charges shall be due and owing upon the PLYMOUTH CHARTER TOWNSHIP communicating the same in writing to the last known address of said PROPRIETOR filed with the Township Clerk and to the address of owner(s) as set forth on the then existing tax roll by first class mail, postage prepaid, and a proof of service of said mailing shall be conclusive evidence of the fact of actual notice to all persons, firms, corporations, associations or entities to whom such mailing was addressed. The foregoing shall not be the exclusive right or remedy of the PLYMOUTH CHARTER TOWNSHIP, rather all rights and remedies otherwise provided to the PLYMOUTH CHARTER TOWNSHIP by statute, ordinance, agreement or other provisions of this instrument shall be available to the PLYMOUTH CHARTER TOWNSHIP.


Further, the PROPRIETOR shall forthwith record this Storm Drain Agreement with the Wayne County Register of Deeds at PROPRIETOR'S sole cost and expense and furnish to the TOWNSHIP satisfactory evidence of such recording.

Wherever in this instrument the term "storm drain" is utilized, it shall be read to mean the same as "storm sewer".

IN WITNESS WHEREOF, the parties hereto have caused this Storm Drain Agreement to be executed by their respective, duly-authorized officers and their seals to be affixed hereto all as of the day and year first above written.

PROPRIETOR

NextGen Detroit – Plymouth Park & Eats, LLC

By: 
Tommy Haji

Its: Manager

By: _____

Its: _____

PLYMOUTH CHARTER TOWNSHIP

By: _____
Kurt L. Heise

Its: Supervisor

By: _____
Jerry Vorva

Its: Clerk

STATE OF MICHIGAN

COUNTY OF WAYNE)

The foregoing instrument was acknowledged before me this 24th day of August, 2019,by Tommy Haji

Individual Name(s) and Office Held

of Next Gen Detroit - Plymouth Park and Eat. a MI Corporation, on behalf
of Next Gen Detroit - Plymouth Park and Eat. Corporate Name State of Incorporation
the Corporation.

Matthew Manni
Notary Public
Oakland County, MI
My Commission Expires: 02/02/2022

STATE OF MICHIGAN)

)ss.

COUNTY OF WAYNE)

The foregoing instrument was acknowledged before me this _____ day of _____
_____ 20 _____ by Kurt L. Heise, Supervisor of Plymouth Charter Township and Jerry Vorva, Clerk of
Plymouth Charter Township, a Michigan municipal corporation, on behalf of the Plymouth Charter
Township.

Notary Public

Wayne County, Michigan

My Commission Expires: _____

When recorded, return to:

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

Drafted by:

Ronald E. Witthoff, Esq.
Hemming, Polaczyk, Cronin,
Smith, Witthoff & Bennett, P.C.
217 W. Ann Arbor Road, Suite 302
Plymouth, MI 48170

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

72 HOURS BEFORE ANY
CONSTRUCTION. CALL

FOR INSPECTION



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

PERMIT No

M-51207

ISSUE DATE

10/24/2019

EXPIRES

REVIEW No

R 18-327

WORK ORDER

PROJECT NAME

MAINTENANCE PERMIT FOR PLYMOUTH PARK & EATS

LOCATION

SCHOOLCRAFT AND ECKLES ROADS (SW CORNER OF SCHOOLCRAFT AND ECKLES ROADS)

CITY/TWP

PLYMOUTH TWP

PERMIT HOLDER

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

CONTRACTOR

CONTACT

KURT HEISE

(734) 354-3204

CONTACT

<BLANK>

DESCRIPTION OF PERMITTED ACTIVITY

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

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

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

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

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

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

APPROVED PLANS PREPARED BY

NextGen Detroit LLC

PLANS APPROVED BY

Kassem, H.

REQUIRED ATTACHMENTS

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

EXHIBIT 'B': LONG TERM MAINTENANCE PLAN

EXHIBIT 'C': BINDING AGREEMENT (COMMUNITY RESOLUTION)

(PERMIT VALID ONLY IF ACCOMPANIED BY ABOVE ATTACHMENTS)

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

PERMIT HOLDER NAME

PERMIT HOLDER / AUTHORIZED AGENT

DATE

10/31/19

WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES

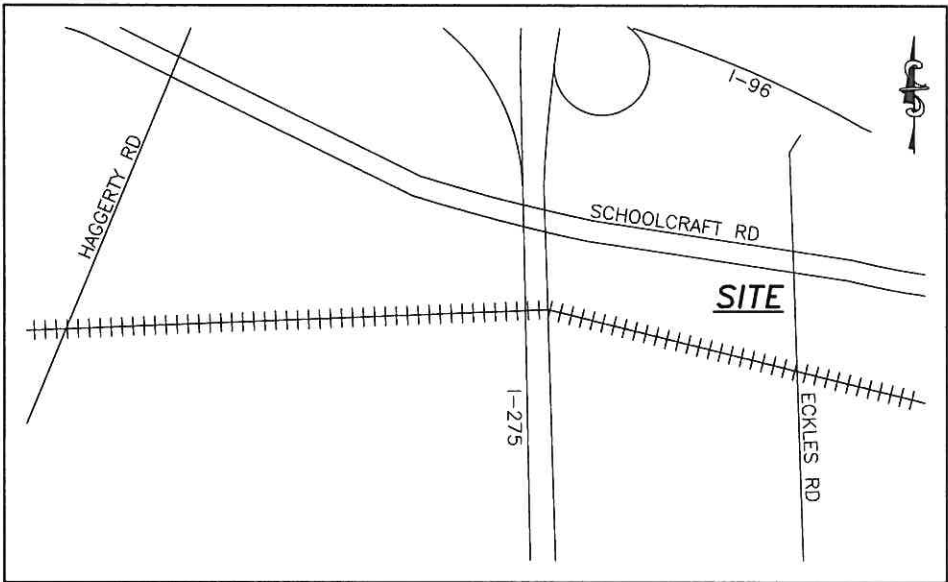
PREPARED BY

VALIDATED BY

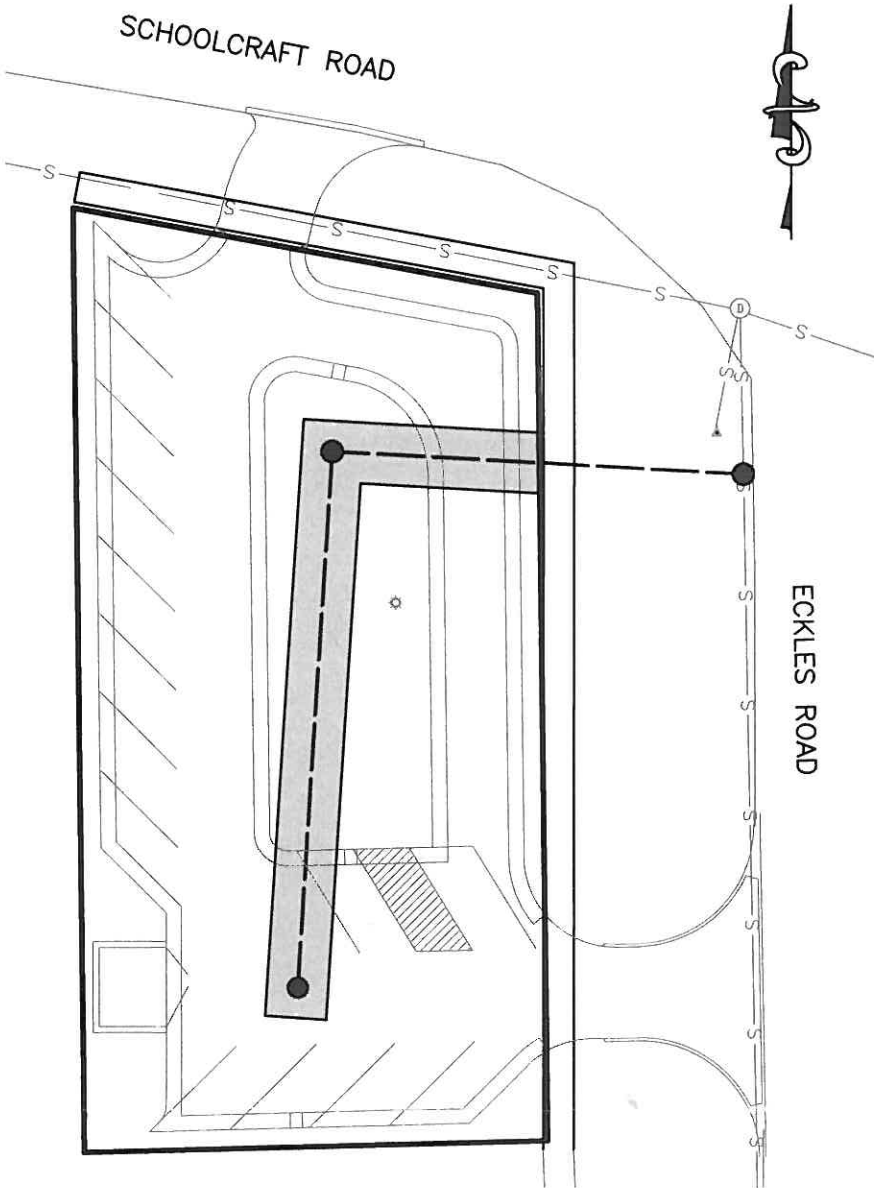
PERMIT COORDINATOR

DATE

EXHIBIT A – PHYSICAL LIMITS OF STORM WATER MANAGEMENT SYSTEM
WCDPS PERMIT NUMBER:
WCDPS PLAN REVIEW NUMBER: R18-327



LOCATION MAP
NOT TO SCALE




LEGEND

PROPERTY OWNER STORM
WATER MANAGEMENT
SYSTEM
MAINTENANCE
JURISDICTION

LEGAL DESCRIPTION
(BY OTHERS)

PARCEL ID# R-78-024-99-0049-000
COMMONLY KNOWN AS: 39411 SCHOOLCRAFT
ROAD

A PARCEL OF LAND BEING PART OF THE
SOUTHEAST 1/4 OF SECTION 24, TOWN 1
SOUTH RANGE 8 EAST, PLYMOUTH TOWNSHIP,
WAYNE COUNTY, MICHIGAN, BEING MORE
PARTICULARLY DESCRIBED AS: BEGINNING AT
THE SOUTHEAST CORNER OF SAID SECTION
24; THENCE SOUTH 88 DEGREES 26 MINUTES
00 SECONDS WEST 136.00 FEET ALONG THE
SOUTH LINE OF SAID SECTION 24; THENCE
NORTH 00 DEGREES 39 MINUTES 00 SECONDS
WEST 155.44 FEET (RECORDED AS 155.05
FEET) TO A POINT ON THE SOUTHERLY RIGHT
OF WAY LINE OF SCHOOLCRAFT ROAD (AS
MONUMENTED); THENCE SOUTH 79 DEGREES
31 MINUTES 00 SECONDS EAST 138.53 FEET
(RECORDED AS 138.60 FEET) ALONG SAID
SOUTHERLY RIGHT OF WAY LINE TO A POINT
ON THE EAST LINE OF SAID SECTION 24,
SAID LINE ALSO BEING THE CENTERLINE OF
ECKLES ROAD (120 FEET WIDE; THENCE
SOUTH 00 DEGREES 39 MINUTES 31 SECONDS
EAST 126.72 FEET (SOUTH 00 DEGREES 39
MINUTES 00 SECONDS EAST 126.12 FEET
ALONG THE EAST LINE AND CENTERLINE TO
THE POINT OF BEGINNING. CONTAINING 0.44
ACRES OF LAND MORE OR LESS. ALSO
SUBJECT TO ANY OTHER EASEMENTS OR
RESTRICTIONS OF USE OR RECORD.

**ALPINE**
ENGINEERING, INC.
CIVIL ENGINEERS & LAND SURVEYORS
46892 WEST ROAD
SUITE 109
NOVI, MICHIGAN 48377
(248) 926-3701 (BUS)
(248) 926-3765 (FAX)

CLIENT:	DATE: 2019-04-09
SOLE CONSTRUCTION	DRAWN BY: SD
EXHIBIT A	CHECKED BY: TG
39411 SCHOOLCRAFT ROAD	NOT TO SCALE
SECTION: 24 TOWNSHIP: 1 S RANGE: 8 E	FBK: 1
PLYMOUTH TOWNSHIP	CHF:
WAYNE COUNTY	SCALE HOR 1"= FT.
MICHIGAN	VER 1"= FT.

EXHIBIT B – STORM WATER MANAGEMENT SYSTEM – LONG TERM MAINTENANCE PLAN
WCDPS PERMIT NUMBER: _____
WCDPS PLAN REVIEW NUMBER: R18-327

A. PHYSICAL LIMITS OF THE STORM WATER MANAGEMENT SYSTEM
THE STORM WATER MANAGEMENT SYSTEM (SWMS) SUBJECT TO THIS LONG-TERM MAINTENANCE PLAN (PLAN) IS DEPICTED ON EXHIBIT A TO THE PERMIT AND INCLUDES WITHOUT LIMITATION THE STORM SEWERS, CATCH BASINS, MANHOLE, UNDERGROUND INFILTRATION SYSTEM, OUTLET CONTROL STRUCTURE, AND OUTLET PIPE THAT CONVEYS FLOW FROM THE INFILTRATION SYSTEM TO THE CITY OWNED STORM SEWER LOCATED IN ECKLES ROAD. FOR THE PURPOSES OF THIS PLAN, THIS STORM WATER MANAGEMENT SYSTEM (SWMS) AND ALL OF ITS COMPONENTS AS SHOWN IN EXHIBIT A IS REFERRED TO AS "PLYMOUTH PARK & EATS SWMS".

B. TIME FRAME FOR LONG-TERM MAINTENANCE RESPONSIBILITY
"NEXTGEN DETROIT LLC" IS RESPONSIBLE FOR MAINTAINING THE "PLYMOUTH PARK & EATS SWMS", INCLUDING COMPLYING WITH APPLICABLE REQUIREMENTS OF THE LOCAL OR WAYNE COUNTY SOIL EROSION AND SEDIMENTATION CONTROL PROGRAM UNTIL WAYNE COUNTY RELEASES THE CONSTRUCTION PERMIT. LONG-TERM MAINTENANCE RESPONSIBILITY FOR THE "PLYMOUTH PARK & EATS SWMS" COMMENCES WHEN DEFINED BY THE MAINTENANCE PERMIT ISSUED BY THE CITY AND/OR COUNTY. LONG-TERM MAINTENANCE CONTINUES IN PERPETUITY.

C. MANNER OF INSURING MAINTENANCE RESPONSIBILITY
THE TOWNSHIP OF PLYMOUTH HAS ASSUMED RESPONSIBILITY FOR LONG-TERM MAINTENANCE OF "PLYMOUTH PARK & EATS SWMS". THE RESOLUTION BY WHICH THE TOWNSHIP OF PLYMOUTH HAS ASSUMED MAINTENANCE RESPONSIBILITY IS ATTACHED TO THE PERMIT AS EXHIBIT C. THE "PLYMOUTH PARK & EATS SWMS", THROUGH A MAINTENANCE AGREEMENT WITH THE TOWNSHIP OF PLYMOUTH, HAS AGREED TO PERFORM THE MAINTENANCE ACTIVITIES REQUIRED BY THIS PLAN. THE TOWNSHIP OF PLYMOUTH RETAINS THE RIGHT TO ENTER THE PROPERTY AND PERFORM THE NECESSARY MAINTENANCE OF THE "PLYMOUTH PARK & EATS SWMP" IF THE "NEXTGEN DETROIT LLC" FAILS TO PERFORM THE REQUIRED MAINTENANCE ACTIVITIES. TO ENSURE THAT THE "PLYMOUTH PARK & EATS SWMP" IS MAINTAINED IN PERPETUITY, THE MAP OF THE PHYSICAL LIMITS OF THE STORM WATER MANAGEMENT SYSTEM (EXHIBIT A), THIS PLAN (EXHIBIT B), THE RESOLUTION ATTACHED AS EXHIBIT C, AND THE MAINTENANCE AGREEMENT BETWEEN THE TOWNSHIP OF PLYMOUTH AND THE PROPERTY OWNER(S) WILL BE RECORDED WITH THE WAYNE COUNTY REGISTER OF DEEDS. UPON RECORDING, A COPY OF THE RECORDED DOCUMENTS WILL BE PROVIDED TO THE COUNTY.

D. LONG-TERM MAINTENANCE PLAN AND SCHEDULE
TABLE 1 IDENTIFIES THE MAINTENANCE ACTIVITIES TO BE PERFORMED, ORGANIZED BY CATEGORY (MONITORING/ INSPECTIONS, PREVENTATIVE MAINTENANCE AND REMEDIAL ACTIONS). WHILE PERFORMING MAINTENANCE, CHEMICALS SHOULD NOT BE APPLIED TO THE WATERCOURSES. TABLE 1 ALSO IDENTIFIES SITE-SPECIFIC WORK NEEDED TO ENSURE THAT THE STORM WATER MANAGEMENT SYSTEM FUNCTIONS PROPERLY AS DESIGNED.

TABLE 1 - STORM WATER MANAGEMENT SYSTEM LONG-TERM MAINTENANCE SCHEDULE

Maintenance Activities	SYSTEM COMPONENT				Frequency
	Catch Basins, Inlets, and Storm Sewers	Infiltration Pipe and Rock Bedding	Swales and Grass Areas	pavement areas, etc	
Monitoring/Inspection					
Inspect for sediment accumulation	X	X	X		Annually
Inspect for floatables and debris	X	X	X		Annually & after major events
Inspection for erosion	X	X	X		Annually & after major events
Monitor plantings/vegetation			X		2 times per year
Inspect all components during wet weather & compare to as-built plans	X	X	X		Annually
Ensure maintenance access remain open/clear	X	X	X		Annually
Preventative Maintenance					
Mowing			X		As needed
Remove/vacuum accumulated sediments	X	X			As needed **
Remove floatables, debris, etc.	X	X	X		As needed
Sweeping of paved surfaces, etc.				X	As needed
Remedial Actions					
Repair/stabilize areas of erosion			X		As needed
Replace dead plantings and trees, re-seed bare areas			X		As needed
Structural repairs	X	X		X	As needed**
Make adjustments/repairs to ensure proper functioning	X	X	X		As needed**

* Not to exceed the length allowed by local community ordinance
** Infiltration system to be cleaned out when sediments accumulate to a depth of 6-12 inches, or if signs of infiltration are not observed.

PROJECT:
PLYMOUTH PARKS & EATS
39411 SCHOOLCRAFT ROAD
PLYMOUTH TOWNSHIP, MI 48170

PROPERTY OWNER:
NEXTGEN DETROIT LLC
965 WANDA
FERNDAL, MI 48220
PHONE: (248) 425-7873

ENGINEER:
ALPINE ENGINEERING, INC.
46892 WEST ROAD, SUITE 109
NOVI, MICHIGAN 48377
PHONE: (248) 926-3701



ALPINE
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CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019

ITEM G
SUPERVISOR AND TRUSTEE
COMMENTS

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019

ITEM H
PUBLIC COMMENTS AND QUESTIONS

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
NOVEMBER 12, 2019

ITEM I
ADJOURNMENT