

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CALL TO ORDER

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019

ITEM A
ROLL CALL

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019

ITEM B
PLEDGE OF ALLEGIANCE

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

**ITEM C
APPROVAL OF AGENDA
TUESDAY, JULY 23, 2019**

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, July 23, 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, July 23, 2019

D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes:

Regular Meeting – Tuesday, July 9, 2019

D.2 Acceptance of Communications, Resolutions, Reports

Building Department Monthly Report - June 2019

Fire Department Monthly Report - June 2019

Police Department Monthly Report - June 2019

Planning Department Monthly Report - May 2019

Planning Department Monthly Report - June 2019

FOIA Monthly Report - Clerk's Office - June 2019

FOIA Monthly Report - Police Department - June 2019

D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	\$382,227.16	\$89,951.31	\$472,178.47
Solid Waste Fund	226	3,655.56	103,747.49	107,403.05
Improvement Revolving (Capital)	246	0.00	0.00	0.00

CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES MEETING

Tuesday, July 23, 2019
7:00 PM



Drug Forfeiture Fund	265	0.00	37,617.00	37,617.00
Drug Forfeiture State	266	0.00	1,572.00	1,572.00
Drug Forfeiture IRS	267	0.00	0.00	0.00
Golf Course Fund	510	0.00	134.00	134.00
Senior Transportation	588	4,180.41	105.56	4,285.97
Water/Sewer Fund	592	255,756.12	13,242.07	268,998.19
Trust and Agency	701	15,154.00	0.00	15,154.00
Police Bond Fund	702	3780.00	0.00	3780.00
Tax Pool	703	0.00	0.00	0.00
Special Assessment Capital	805	38.01	11,924.75	11,962.76
TOTALS:		\$664,791.26	\$258,294.18	\$923,085.44

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

F. NEW BUSINESS

1. WTUA Annual Budget, **Resolution #2019-07-23-69**, *WTUA Director Aaron Sprague*
2. Rouge Valley Interceptor System Final Negotiated Termination Agreement, **Resolution #2019-07-23-70**, *WTUA Director Aaron Sprague and Supervisor Kurt Heise*
3. Bid Award for Ball Diamond Pathway Project, **Resolution #2019-07-23-71**, *Engineer Dave Richmond*

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

Tuesday, July 23, 2019
7:00 PM



4. Bid Award for Miller Park Pavilion Project, **Resolution #2019-07-23-72**,
Engineer Dave Richmond
5. Election Worker Reclassification and Pay Adjustments, **Resolution #2019-07-23-73**, *Deputy Clerk Sandy Groth*

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
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.1
APPROVAL OF MINUTES
REGULAR MEETING
TUESDAY, JULY 9, 2019**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JULY 9, 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: Jon Brothers, Police Lieutenant
Dan Kudra, Police Lieutenant
Chris Mack, Fire Captain
Kevin Bennett, Township Attorney
David Richmond, Spalding DeDecker
Sue Brams, Exec. Asst. to Supervisor
Alice Geletzke, Recording Secretary
18 Members of the Public

B. PLEDGE OF ALLEGIANCE – Melissa Daub, Wayne County Commissioner

C. APPROVAL OF AGENDA
Tuesday, July 9, 2019

Moved by Treasurer Clinton and seconded by Clerk Vorva to approve the agenda for the Board of Trustees regular meeting of July 9, 2019 with the removal of Item F.5, Retiree Healthcare Reform Plan. Ayes all.

D. APPROVAL OF CONSENT AGENDA

D.1 **Approval of Minutes:**
Regular Meeting – June 25, 2019

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

D.3 **Approval of Township Bills:**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JULY 9, 2019**

PROPOSED MINUTES

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	464,648.15	116,364.18	581,012.33
Solid Waste Fund	226	2,847.08	1,171.28	4,018.36
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	134.00	134.00
Senior Transportation	588	3,820.35	0.00	3,820.35
Water/Sewer Fund	592	60,597.07	404,172.06	464,769.13
Trust and Agency	701	113,907.36	0.00	113,907.36
Police Bond Fund	702	0.00	0.00	0.00
Tax Pool	703	2010.00	0.00	2010.00
Special Assessment Capital	805	0.00	21,988.25	21,988.25
TOTALS:		\$647,830.01	\$543,829.77	\$1,191,659.78

Moved by Trustee Heitman and seconded by Clerk Vorva to approve the consent agenda for the Board of Trustees regular meeting of July 9, 2019. Ayes all.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JULY 9, 2019**

PROPOSED MINUTES

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

Retirees Jim Haar; Paul Rainey; and Susan King, wife of retiree Marty King, expressed their concerns regarding any potential changes to retiree health care.

State Representative Matt Koleszar and County Commissioner Melissa Daub gave updates on current happenings.

Representatives of Henry Ford Health Systems gave a presentation regarding their proposed medical facility on the Kmart property on Ann Arbor Road east of Haggerty.

Trustee Doroshewitz asked that he be recused from anything related to the hospital issue.

*Copies of Resolutions listed below are available in the Clerk's
Office for public perusal.*

F. NEW BUSINESS

1. DDA Master Plan, **Resolution #2019-07-09-65**, Planning Director Laura Haw

Ms. Haw reviewed the DDA Master Plan update, done in compliance with new state legislation requirements. The new list of projects focuses on improving the public right-of-way, promoting economic development and encouraging investment along the Ann Arbor Road corridor.

She noted the public hearing held by the DDA, and their recommendation to the Board for final adoption.

Moved by Trustee Heitman and seconded by Clerk Vorva to adopt **Resolution #2019-07-09-65**, authorizing adoption of the Downtown Development Authority (DDA) Master Plan, as recommended by the Downtown Development Authority at their public meeting on June 10, 2019. Ayes all on a roll call vote.

2. Police Department Intergovernmental Agreement with Oakland County, **Resolution #2019-07-09-66**, Lieutenant Dan Kudra

Lt. Kudra explained the request of the Oakland County Commissioners that all outside agencies for whom the County provides services now sign an intergovernmental

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JULY 9, 2019**

PROPOSED MINUTES

agreement. Oakland County has been performing vehicle services to the Township for several years.

Moved by Clerk Vorva and seconded by Trustee Heitman to adopt **Resolution #2019-07-09-66**, authorizing the Township Clerk and Lt. Kudra to sign the agreement for Central Support Services between Oakland County and the Charter Township of Plymouth. Aye all on a roll call vote.

3. Storm Water Agreement for Star Trucking, **Resolution #2019-07-09-67**,
Engineer Dave Richmond

After explanation by Township Engineer Dave Richmond, it was moved by Trustee Heitman and seconded by Clerk Vorva to adopt **Resolution #2019-07-09-67**, authorizing the Township Supervisor to sign the Wayne County Permit M-49962 and approve the Storm Drain Agreement with Star Plymouth Property, LLC, and authorize the Township Supervisor and Clerk to execute same. Ayes all on a roll call vote.

4. 2019 Economic Development Update, *Trustee Gary Heitman and Planning Director Laura Haw*

Trustee Heitman and Ms. Haw reviewed their Economic Development report which covered topics such as the importance of economic development; and they noted new investment such as the Ridge 5 Corporate Park, Innotech Business Park, Polytec, Webasto, First Merchant's Bank, Hillside Residences, and Buddy's Pizza. They also noted significant reinvestment in many existing businesses including Laird's Glass, Shimmy Shack, Hock Dentistry, the Burroughs building, Burroughs-Rivian, Cygnet, and Phoenix Mill. They also reviewed partnerships, residential investment, job creation, and upcoming challenges.

Supervisor Heise commended Trustee Heitman for his economic development work within the community.

Mary Ann Maclaren asked that the report be made available on-line.

Trustee Dempsey also commended Supervisor Heise, Trustee Heitman and Planner Haw for their economic development work.

5. Retiree Healthcare Reform Plan, **Resolution #2019-07-09-68**, *Supervisor Kurt Heise, Treasurer Mark Clinton, Trustee Chuck Curmi*

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
TUESDAY, JULY 9, 2019**

PROPOSED MINUTES

Item 5 was removed from the agenda.

G. SUPERVISOR AND TRUSTEE COMMENTS

Trustee Doroshewitz forwarded a request from the Planning Commission for consideration of a woodlands ordinance.

Supervisor Heise said the Board would hold their regular meeting on July 23, with no meetings on August 6 or August 13.

Treasurer Clinton noted the impressive economic progress made, which, combined with the improvements made by the Building Department, make it easier to do business in the Township. He thanked the retired firefighters for being present, and for discussing with him their health care concerns.

Trustee Dempsey questioned Lt. Brothers regarding the effects of the new fireworks ordinance. He said there were 8 calls, mostly after midnight with 6 on July 4th. Last year there were 24 calls.

Trustee Curmi asked about a resident of the Trailwood sub, the whereabouts of the Peter Rockwell statues, the operation of the sprayscape, and the wooden playscape.

H. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 Minutes) - There were none.

I. ADJOURNMENT

Moved by Trustee Heitman and seconded by Clerk Vorva to adjourn the meeting at 9:18 p.m. Ayes all.

Jerry Vorva, Township Clerk

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

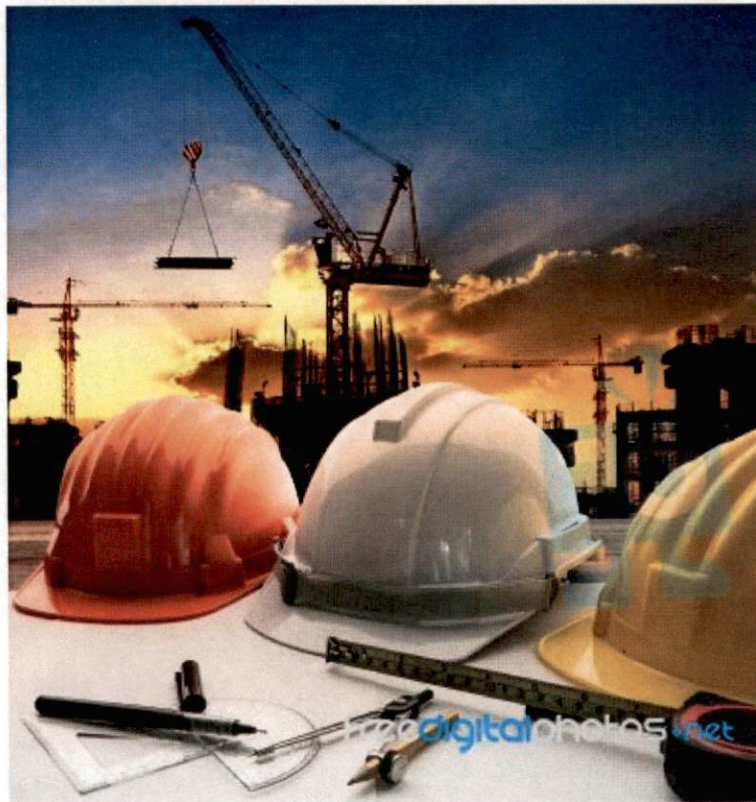
**ITEM D.2
ACCEPTANCE OF COMMUNICATIONS,
RESOLUTIONS, REPORTS
JUNE, 2019**

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.2
BUILDING DEPARTMENT
MONTHLY REPORT
JUNE, 2019**

CHARTER TOWNSHIP OF PLYMOUTH
DEPARTMENT OF BUILDING & CODE ENFORCEMENT



MONTHLY REPORT

**JUNE
2019**

New Commerical Building for 2019

Company Name	Property Address	Type of Work	Construction Value	Status	Month
Webasto	14200 Haggerty	New building	18,197,930		
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
Cygnnet	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
Total Construction Value			4,330,500		
Grand Total Construction Value			<u>22,528,430</u>		

Building Department 2019

Classification	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec	2019 Totals
Total Building Permits	43	41	104	216	129	122							655
Trade Permits													
Electrical	30	27	24	37	39	48							205
Mechanical	47	64	51	62	64	62							350
Plumbing	21	17	17	29	37	14							135
Sewer & Water	1	7	11	4	8	5							36
Total Trade Permits	142	156	207	348	277	251	0	0	0	0	0	0	1381
Miscellaneous													
Special Inspections	0	0	0	1	3	0							4
Temp Certificate of Occupancy	2	1	1	0	1	1							6
Re-Occupancy	0	0	1	0	1	1							3
Plan Review	9	5	9	6	18	14							61
ZBA	0	1	1	0	1	3							6
Re-inspection fees	5	8	3	7	2	6							31
Vacant Land Resigtration	0	0	0	0	0	0							0
Total Miscellaneous	16	15	15	14	26	25	0	0	0	0	0	0	111
Application Fee's													
Building	34	38	93	207	122	114							608
Electrical	28	27	20	36	36	57							204
Mechanical	44	58	50	61	65	66							344
Plumbing	19	14	18	30	41	14							136
License & Registration													
Builders	5	3	5	12	12	7							44
Electrical	19	18	6	23	15	15							96
Mechanical	7	6	2	7	4	1							27
Plumbing	6	5	1	6	11	5							34
Total Misc/License/Application	178	184	210	396	332	304	0	0	0	0	0	0	1604
Grand Total	320	340	417	744	609	555	0	0	0	0	0	0	2985
Staffing Levels													
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							
Full Time Office Manager	1	1	1	1	1	1							
Part-time Time Ordinance Officer	1	1	1	1	1	1							



Revenue Breakdown Report

Page: 1 of 33

07/02/2019

Filter: All Records, Transaction.DateToPostOn in <Previous month> [06/01/19 - 06/30/19] AND

Transaction.TransactionNumber Not = 67,079 AND

Transaction.TransactionNumber Not = 67,078

Unit Totals

Unit Name	Records	Revenue
	253	1,007,029.41
TOTAL	253	1,007,029.41

Record Type Totals

Unit:	Records	Revenue
Enforcement	2	200.00
Permit	251	1,006,829.41
UNIT TOTAL:	253	1,007,029.41

Record Type Breakdowns

Unit:	Records	Revenue
Record Type: Enforcement	2	200.00
TOTAL:	2	200.00

Record Type: Permit	Records	Revenue
Building	122	419,721.00
Electrical	48	10,912.00
Mechanical	62	15,118.00
Plumbing	14	2,210.00
Sewer & Water	5	558,868.41
TOTAL:	251	1,006,829.41

447,961

Residential Housing 2019

Single Family Detached

	<u>Total #</u>	<u>Total #</u>	<u>Total</u>	<u>Total</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Value</u>	<u>Square</u>
			<u>Construction</u>	<u>Feet</u>
January	0			
February	0			
March	1	1	658,484	4,896
April	0			
May	4	4	1,235,626	10,618
June	0			
July				
August				
September				
October				
November				
December				
Totals	5	5	\$1,894,110	15,514

Single Family Attached (Townhouses/ Row Houses)

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

Two-Family Buildings (Duplex)

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

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

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

	<u>Total #</u>	<u>Total #</u>	<u>Value</u>	<u>Square</u>
	<u>Buildings</u>	<u>Dwelling</u>	<u>Construction</u>	<u>Feet</u>
Totals all categories	5	5	\$ 1,894,110	15,514

Certificate of Occupancy List

07/02/2019

1/1

CofO Number	Status	Issued To	Address	CofO and Permit Dates	
OF19-0013	ISSUED (FINAL)	DUPREY, LISA	9285 OAKVIEW	<u>CO Date Apply:</u> 06/07/2019	<u>CO Date Finaled:</u> 06/07/2019
<u>Permit Number</u> PB18-0622	<u>Applicant Name</u> Twin Valley Corp		<u>Contractor</u> Twin Valley Corp	<u>Permit Date Apply:</u> 07/09/2018	<u>Permit Date Issued:</u> 7/30/2018
OF19-0014	ISSUED (FINAL)	ADIEN T US LCC	49200 HALYARD DR (CTU	<u>CO Date Apply:</u> 06/17/2019	<u>CO Date Finaled:</u> 06/17/2019
<u>Permit Number</u> PB19-0075	<u>Applicant Name</u> Ronnish Construction Group		<u>Contractor</u> Ronnish Construction Group	<u>Permit Date Apply:</u> 02/26/2019	<u>Permit Date Issued:</u> 3/27/2019
OF19-0015	ISSUED (FINAL)	LOC PERFORMANCE PRO	13505 HAGGERTY	<u>CO Date Apply:</u> 06/26/2019	<u>CO Date Finaled:</u> 06/26/2019
<u>Permit Number</u> PB17-0595	<u>Applicant Name</u> Brett Daugherty		<u>Contractor</u> Brett Daugherty	<u>Permit Date Apply:</u> 06/27/2017	<u>Permit Date Issued:</u> 8/25/2017
OF19-0016	ISSUED (FINAL)	MISTRY, SHERWYN	13550 EMRICK DR	<u>CO Date Apply:</u> 06/27/2019	<u>CO Date Finaled:</u> 06/27/2019
<u>Permit Number</u> PB17-0439	<u>Applicant Name</u> Lewand Custom Homes LLC		<u>Contractor</u> Lewand Custom Homes LLC	<u>Permit Date Apply:</u> 05/22/2017	<u>Permit Date Issued:</u> 6/22/2017

All Records

Co.DateFinaled Between 6/1/2019 12:00:00 AM AND

6/30/2019 11:59:59 PM AND

Co.Status = ISSUED (FINAL)

Number of CofO's:

4

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.2
FIRE DEPARTMENT
MONTHLY REPORT
JUNE, 2019**



Plymouth Township Fire Department

Monthly Report

June 2019

Response Information:

The Plymouth Township Fire Department responded to **262** emergencies this month.

There was an average of **8.73** runs per day this month.

PTFD's average response time was **5 minutes, 40 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	12
Northville City	3	2
Northville Township	4	6
Livonia	1	1

EMS Information:

There were **128** patients transported this month.

HVA transported **86** patients to the hospital.

Plymouth Township Fire transported **42** patients to the hospital.

Plymouth transports billed out **\$28,218.00** this month, received **\$15,315.85** and have **\$68,072.71** in outstanding bills.

Fire Loss:

There was **1** fires this month that accounted for **\$470.00** worth of damage to possessions and property. We prevented the destruction of **\$642,202.00** in property.

Fire Prevention:

Plymouth Township Fire Department provided **46** 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 **3** events to a total of **50** 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 6/1/19 To 6/30/19

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%
611 - Dispatched & cancelled en route	1	.4%
Total - Good Intent Call	1	.4%
700 - False alarm or false call, other	1	.4%
Total - False Alarm & False Call	1	.4%
Total for Station	3	1.1%

Station: ST1

113 - Cooking fire, confined to container	1	.4%
Total - Fires	1	.4%
300 - Rescue, emergency medical call (EMS) call, other	1	.4%
311 - Medical assist, assist EMS crew	1	.4%
320 - Emergency medical service, other	1	.4%
321 - EMS call, excluding vehicle accident with injury	65	24.8%
322 - Vehicle accident with injuries	3	1.1%
Total - Rescue & Emergency Medical Service Incidents	71	27.1%
400 - Hazardous condition, other	1	.4%
413 - Oil or other combustible liquid spill	3	1.1%
Total - Hazardous Conditions (No fire)	4	1.5%
542 - Animal rescue	1	.4%
561 - Unauthorized burning	2	.8%
Total - Service Call	3	1.1%
611 - Dispatched & cancelled en route	2	.8%
622 - No incident found on arrival at dispatch address	1	.4%
Total - Good Intent Call	3	1.1%
700 - False alarm or false call, other	5	1.9%
730 - System malfunction, other	1	.4%
733 - Smoke detector activation due to malfunction	1	.4%
740 - Unintentional transmission of alarm, other	1	.4%
743 - Smoke detector activation, no fire - unintentional	1	.4%
744 - Detector activation, no fire - unintentional	1	.4%
Total - False Alarm & False Call	10	3.8%
Total for Station	92	35.1%

Count**Station: ST2**

321 - EMS call, excluding vehicle accident with injury	40	15.3%
322 - Vehicle accident with injuries	4	1.5%
381 - Rescue or EMS standby	1	.4%
Total - Rescue & Emergency Medical Service Incidents	45	17.2%
531 - Smoke or odor removal	1	.4%
542 - Animal rescue	1	.4%
Total - Service Call	2	.8%
611 - Dispatched & cancelled en route	2	.8%
Total - Good Intent Call	2	.8%
700 - False alarm or false call, other	1	.4%
740 - Unintentional transmission of alarm, other	1	.4%
745 - Alarm system sounded, no fire - unintentional	1	.4%
Total - False Alarm & False Call	3	1.1%
9001 - Dispatch Error	1	.4%
Total - Special Incident Type	1	.4%
Total for Station	53	20.2%

Station: ST3

320 - Emergency medical service, other	4	1.5%
321 - EMS call, excluding vehicle accident with injury	69	26.3%
322 - Vehicle accident with injuries	13	5.0%
324 - Motor vehicle accident with no injuries	1	.4%
351 - Extrication of victim(s) from building/structure	1	.4%
Total - Rescue & Emergency Medical Service Incidents	88	33.6%
413 - Oil or other combustible liquid spill	1	.4%
442 - Overheated motor	1	.4%
444 - Power line down	1	.4%
445 - Arcing, shorted electrical equipment	1	.4%
Total - Hazardous Conditions (No fire)	4	1.5%
551 - Assist police or other governmental agency	2	.8%
554 - Assist invalid	1	.4%
Total - Service Call	3	1.1%
600 - Good intent call, other	1	.4%
611 - Dispatched & cancelled en route	4	1.5%
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	8	3.1%
700 - False alarm or false call, other	4	1.5%
731 - Sprinkler activation due to malfunction	1	.4%
733 - Smoke detector activation due to malfunction	1	.4%
735 - Alarm system sounded due to malfunction	1	.4%
743 - Smoke detector activation, no fire - unintentional	1	.4%
Total - False Alarm & False Call	8	3.1%

	<u>Count</u>	
900 - Special type of incident, other	1	.4%
9001 - Dispatch Error	2	.8%
Total - Special Incident Type	3	1.1%
Total for Station	114	43.5%
	262	100.0%

Municipal Response Times Report

For Dates Beginning 6/1/19 Ending 6/30/19

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	160	62.02	160	62.02	84	33.20	84	33.20	9	3.66	9	3.66	2	0.80	2	0.80	2	0.80	2	0.80
1 - 2	82	31.78	242	93.80	133	52.57	217	85.77	26	10.57	35	14.23	4	1.64	6	2.41	7	2.81	9	3.61
2 - 3	8	3.10	250	96.90	25	9.88	242	95.65	43	17.48	78	31.71	10	4.02	16	6.43	23	9.24	32	12.85
3 - 4	5	2.33	256	99.22	9	3.56	251	99.21	52	21.14	130	52.85	20	8.03	36	14.46	34	13.65	66	26.51
4 - 5	1	0.39	257	99.61	2	0.79	253	100.00	34	13.82	164	66.67	30	12.05	66	26.51	42	16.87	108	43.37
5 - 6	0	0.00	257	99.61	0	0.00	253	100.00	35	14.23	199	80.89	52	20.88	118	47.39	44	17.67	152	61.04
6 - 7	0	0.00	257	99.61	0	0.00	253	100.00	15	6.10	214	86.99	35	14.06	153	61.45	48	19.26	190	76.31
7 - 8	0	0.00	257	99.61	0	0.00	253	100.00	14	5.69	228	92.68	40	16.06	193	77.51	25	10.04	215	86.35
8 - 9	1	0.39	258	100.00	0	0.00	253	100.00	9	3.66	237	96.34	18	7.23	211	84.74	10	4.02	225	90.36
9 - 10	0	0.00	258	100.00	0	0.00	253	100.00	4	1.63	241	97.97	13	5.22	224	89.96	9	3.61	234	93.98
10 +	0	0.00	258	100.00	0	0.00	253	100.00	5	2.03	246	100.00	25	10.04	249	100.00	15	6.02	249	100.00

Incident Total

258

Average Times per Incident

Average PSAP Processing Time 0 minute(s) 52 second(s) Percent less than or equal to 60 Seconds 62.02%
(Alarm to Dispatch) Percent less than or equal to 90 Seconds 82.56

Average Fire Department Turn Out Time 1 minute(s) 19 second(s)
(Dispatch to Enroute)

Average Fire Department Turn Out and Travel Time 5 minute(s) 40 second(s)
(Dispatch to Arrival)

Average Municipal Response Time 6 minute(s) 32 second(s)
(Alarm to Arrival)

Percentile Response Times in Accordance with NFPA Standards

PSAP Processing Time less than 60 seconds 62.02%
(Alarm to Dispatch)

Fire Department Turn Out Time less than 60 seconds 33.20%
(Dispatch to Enroute)

Fire Department Travel Time less than 4 minutes 52.85%
(Enroute to Arrival)

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Listing of Mutual Aid Responses by Mutual Aid Department



Time Period: 6/1/19 - 6/30/19

Department: Canton Twp FD

Mutual aid received

190001409	6/23/19 11:02:11AM	1	08204	45590 N TURTLEHEAD CT
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<i>Subtotal Mutual aid received</i>	1
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Mutual aid given

190001227	6/1/19 7:13:59PM	3	08204	45270 CLAYMORE
190001245	6/4/19 3:20:21AM	3	08204	W BECK RD
190001293	6/8/19 11:24:23AM	3	08204	HANFORD
190001329	6/12/19 12:42:18PM	3	08204	7025 N LILLEY
190001343	6/15/19 5:24:08PM	3	08204	1150 S CANTON CENTER
190001369	6/18/19 7:30:10PM	3	08204	8121 N LILLEY
190001383	6/20/19 3:38:45PM	3	08204	42949 BARCHESTER
190001384	6/20/19 3:54:20PM	3	08204	44101 MICHIGAN
190001391	6/21/19 11:37:53AM	3	08204	42600 CHERRY HILL
190001392	6/21/19 12:05:24PM	3	08204	45510 MICHIGAN
190001411	6/23/19 5:14:49PM	3	08204	7499 ADMIRALTY
190001413	6/23/19 10:34:27PM	3	08204	48139 PARK LN CT

<i>Subtotal Mutual aid given</i>	12
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<i>Subtotal Canton Twp FD</i>	13
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Department: City of Northville FD

Mutual aid received

190001350	6/16/19 10:32:17AM	1	08232	14600 SHELDON RD
190001409	6/23/19 11:02:11AM	1	08232	45590 N TURTLEHEAD CT

<i>Subtotal Mutual aid received</i>	2
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Automatic aid received

190001351	6/16/19 10:40:32AM	2	08232	14600 SHELDON RD
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<i>Subtotal Automatic aid received</i>	1
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Mutual aid given

190001470	6/29/19 1:03:47PM	3	08232	400 S MAIN ST
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<i>Subtotal Mutual aid given</i>	1
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Automatic aid given

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Time Period: 6/1/19 - 6/30/19

190001256	6/5/19 10:01:51AM	4	08232	107 HAGGERTY RD
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<i>Subtotal Automatic aid given</i>	1
<i>Subtotal City of Northville FD</i>	5

Department: Northville Twp FD**Mutual aid received**

190001269	6/6/19 10:54:48AM	1	08255	14707 NORTHVILLE RD
190001350	6/16/19 10:32:17AM	1	08255	14600 SHELDON RD
190001409	6/23/19 11:02:11AM	1	08255	45590 N TURTLEHEAD CT

<i>Subtotal Mutual aid received</i>	3
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Automatic aid received

190001351	6/16/19 10:40:32AM	2	08255	14600 SHELDON RD
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<i>Subtotal Automatic aid received</i>	1
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Mutual aid given

190001241	6/3/19 11:23:43AM	3	08255	49775 EIGHT MILE RD
190001327	6/12/19 9:08:35AM	3	08255	8 MILE
190001375	6/19/19 4:48:20PM	3	08255	16406 MULBERRY WAY
190001394	6/21/19 3:47:29PM	3	08255	44600 FIVE MILE RD
190001455	6/27/19 8:08:18PM	3	08255	44638 OAK FOREST DR
190001456	6/27/19 8:14:29PM	3	08255	18329 SHADBROOK ST

<i>Subtotal Mutual aid given</i>	6
<i>Subtotal Northville Twp FD</i>	10

Department: Livonia Fire Department**Mutual aid given**

190001463	6/28/19 4:13:17PM	3	8229	38123 W CHICAGO
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<i>Subtotal Mutual aid given</i>	1
<i>Subtotal Livonia Fire Department</i>	1

Department: Hazardous Materials Response Team**Mutual aid received**

190001441	6/26/19 12:26:48PM	1	WWMA	15169 N Northville RD
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<i>Subtotal Mutual aid received</i>	1
<i>Subtotal Hazardous Materials Response Team</i>	1

Total	26
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Agency Activity Summary

Plymouth Township Fire Dept

Agency: Plymouth Township Fire Dept | Service Date: Last Month | Run Disposition: All Transports, Treated and Transferred Care

Total Number of ePCRs: 128

Total Number of Incidents: 127

By Branch

01 Station 1 = 46

02 Station 2 = 29

03 Station 3 = 53

Run Disposition

	#	%		#	%
Treated/Transported	42	32.8%	Dead Prior To Arrival	N/A	N/A
Treated / Transferred Care	86	67.2%	Dead After Arrival	N/A	N/A
Treated/No Transport (AMA)	N/A	N/A	Treat/Transported by Private Veh.	N/A	N/A
Treated / No Transport (Per Protocol)	N/A	N/A	Assist	N/A	N/A
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	127	99.2%	Non-Emergency Runs	N/A	N/A
Stand By	N/A	N/A	Stand By	N/A	N/A
Mutual Aid	3	2.3%	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: 1

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	48	19	29	0	0	0	0	0	0	0	0	0	0	0
RES2	27	8	19	0	0	0	0	0	0	0	0	0	0	0
RES3	53	15	38	0	0	0	0	0	0	0	0	0	0	0
Total	128	42	86	0	0	0	0	0	0	0	0	0	0	0

Runs by Service Level

Dispatched Service Level	#	%	Recommended Service Level	#	%
BLS	13	10.2%	BLS	95	74.2%
ALS	115	89.8%	ALS1	33	25.8%
SCT	N/A	N/A	ALS2	N/A	N/A
			SCT	N/A	N/A
			Rotary Wing	N/A	N/A
			Fixed Wing	N/A	N/A

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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	%
Private Ins.	N/A	N/A	3	2.3%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	2.3%
Medicare	N/A	N/A	1	0.8%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	0.8%
None	95	74.2%	32	25.0%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	127	99.2%

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

Description	#	%
Abdominal Pain	8	6.3%
Allergic Reaction	1	0.8%
Alt. Level Conscious	3	2.3%
Anxiety	6	4.7%
Asthma Symptoms	1	0.8%
Back Pain (No Trauma)	2	1.6%
Behavioral Disorder	1	0.8%
CVA/Stroke	1	0.8%
Cardiac Arrest	2	1.6%
Cardiac Symptoms	1	0.8%
Chest Pain	7	5.5%
Dehydration Symp.	1	0.8%
Diabetic Symptoms	1	0.8%
Dizziness	2	1.6%
Dyspnea-SOB	6	4.7%
Flu Symptoms	1	0.8%
Headache (no trauma)	1	0.8%
Hemorrhage-(severe medical)	2	1.6%
No Medical Problem	8	6.3%
Nose Bleed	1	0.8%
Psychiatric Emerg.	2	1.6%
Seizure	4	3.1%
Syncope/Fainting	3	2.3%
Trauma Injury	29	22.7%
Unconscious	1	0.8%
Unknown Medical	5	3.9%
Urination Problem	1	0.8%
Weakness	19	14.8%
Left Blank	8	6.3%
Total	128	100.0%

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Runs by Dispatch (EMD) Code

<u>Description</u>	<u>#</u>	<u>%</u>
1 Abdominal Pain	5	3.9%
10 Chest Pain [non-traumatic]	9	7.0%
12 Convulsions/Seizures	4	3.1%
13 Diabetic	2	1.6%
17 Falls	30	23.4%
19 Heart Problems A.I.D.C	1	0.8%
21 Hemorrhage/Lacerations	2	1.6%
23 Overdose/poisoning	1	0.8%
24 Pregnancy/Childbirth/Miscarriage	1	0.8%
25 Psychiatric/Abnormal behavior/Suicide Attempt	3	2.3%
26 Sick Person	16	12.5%
28 Stroke [CVA]	2	1.6%
29 Traffic/Accidents	4	3.1%
30 Traumatic Injuries	8	6.3%
31 Unconscious/Fainting	9	7.0%
32 Unknown Problem	7	5.5%
38 Medical Alarm	3	2.3%
4 Assault/Sexual Assault	1	0.8%
5 Back Pain	1	0.8%
6 Breathing Problems	10	7.8%
7 Burns/Explosion	1	0.8%
77 Not reported	1	0.8%
88 Not applicable	4	3.1%
9 Cardiac or Respiratory Arrest/Death	1	0.8%
99 Unknown	1	0.8%
<i>Left Blank</i>	1	0.8%
<i>Total</i>	128	100.0%

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Transport From (Category)

	#	%
--Left Blank--	128	100.0%
<i>Total</i>	128	100.0%

Transport From (Facility)

	#	%
--Left Blank--	128	100.0%
<i>Total</i>	128	100.0%

Transport To (Destination Facility)

	#	%
St Mary Livonia ER	92	71.9%
Providence Park ER-Nov	9	7.0%
St Joe Ann Arbor ER	8	6.3%
UNIVERSITY OF MICHIGAN ER	7	5.5%
Annapolis (Beaumont Wayne)	3	2.3%
C.S. Mott Children's Hospital	3	2.3%
Beaumont Farmington Hills (Botsford)	2	1.6%
Henry Ford West Bloomfield	2	1.6%
No transport	1	0.8%
Henry Ford MAIN	1	0.8%
<i>Total</i>	128	100.0%

Aging Summary

PLYMOUTH MONTHLY AGING REPORT

Date : 07/01/2019

Time : 09:18:14

History ID : 14068844

Report As Of June 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
1CONS1500	PAPER - CONTRACT	1	0.00	0.00	0.00	0.00	698.00	0.00	0.00	698.00
1MRP	PAPER - MEDICARE	1	722.00	0.00	0.00	0.00	0.00	0.00	0.00	722.00
APPL	APPEAL PATIENT 30	1	0.00	0.00	0.00	0.00	710.00	0.00	0.00	710.00
BCBS	ELECT BCBS	2	1330.00	0.00	0.00	0.00	0.00	0.00	0.00	1330.00
CAID	ELECT MEDICAID	1	584.00	0.00	0.00	0.00	0.00	0.00	0.00	584.00
CAIP	PAPER MEDICAID R	1	0.00	0.00	0.00	0.00	0.00	0.00	860.00	860.00
CARE	ELECT - MEDICARE	4	1422.40	722.00	700.40	0.00	0.00	0.00	0.00	2844.80
CAREBL	ELECT MEDICARE P	3	1418.80	0.00	680.00	0.00	0.00	0.00	0.00	2098.80
COMP	PAPER WORK COM	1	0.00	0.00	0.00	0.00	0.00	0.00	698.00	698.00
QRED	MHR REFUND CREDI	2	0.00	0.00	-746.00	0.00	0.00	0.00	-269.21	-1015.21
FIREINS	FIRE RECOVERY 15	1	0.00	225.00	0.00	0.00	0.00	0.00	0.00	225.00
INSU	PAPER INS PRIMAR	7	1552.00	225.00	608.00	686.00	1294.00	0.00	0.00	4365.00
NEIC	ELECT INS NEIC	2	722.00	0.00	0.00	722.00	0.00	0.00	0.00	1444.00
NEICCAID	ELECT MEDICAID NE	2	0.00	0.00	0.00	584.00	746.00	0.00	0.00	1330.00
PPAR	PAPER BCBS PARTI	1	84.73	0.00	0.00	0.00	0.00	0.00	0.00	84.73
PRIV	REQUEST PRIVATE	1	573.20	0.00	0.00	0.00	0.00	0.00	0.00	573.20
PRV2	PAPER - PRIVATE P	65	21273.45	5859.83	4223.17	375.38	201.29	344.37	0.00	32277.49
REVIEW	REVIEW	16	902.00	746.00	1294.00	1144.00	1604.56	1456.00	865.00	8011.56
SINS	PAPER INS SECOND	6	200.49	203.29	0.00	0.00	0.00	0.00	97.99	501.77
TIME	TIME PAY ACCOUNT	4	0.00	0.00	0.00	1161.41	0.00	36.16	396.00	1593.57
U	MHR HOLD FOR MH	28	0.00	0.00	0.00	0.00	0.00	0.00	8136.00	8136.00
Totals		150	30785.07	7981.12	6759.57	4672.79	5253.85	1836.53	10783.78	68072.71

Charge Summary

PLYMOUTH MONTHLY CHARGE REPORT

Summary By Charge Code - Code Description

Date : 07/01/2019

Time : 09:16:20

History ID : 14068840

ID	Description	QTY	QTY %	Charge Count	Charge Count	Charges	Total Charge %
0427	ALS EMERGENCY	23	6.41	23	27.38	14950.00	52.98
0429	BLS EMERGENCY	16	4.46	16	19.05	8000.00	28.35
0425MC	CMS MILEAGE	155	43.18	18	21.43	1860.00	6.59
0425	MILEAGE	159	44.29	21	25.00	1908.00	6.76
MVA	MOTOR VEHICLE ACCIDENT	6	1.67	6	7.14	1500.00	5.32
Totals For All		359		84		28218.00	

Credit Summary

Summary By Credit As - Code Description

PLYMOUTH MONTHLY CREDIT REPORT

Time : 09:17:40

History ID : 14068843

ID	Description	Credits	QTY %	Amount	Amount %
2	Adjustment	50	49.02	4653.18	30.38
1	Other Payment	39	38.24	9427.51	61.55
6	Patient Payment	10	9.80	1725.24	11.26
5	Write Off	3	2.94	-490.08	-3.20
Totals For All		102		15315.85	

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Incident Summary by Incident Type

For Dates: 6/1/19 - 6/30/19



Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Shift: A				
Station: MA				
Rescue & Emergency Medical Service Incidents	1	00:00:23	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:00:23	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	22	00:06:46	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:05:09	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	4	00:09:36	\$ 0.00	\$ 0.00
Total for Station: ST1	29	00:06:49	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	14	00:05:33	\$ 0.00	\$ 0.00
Service Calls	1	00:03:57	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:05:28	\$ 0.00	\$ 0.00
Total for Station: ST2	16	00:05:27	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	30	00:06:40	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:12:18	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:04:49	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:06:51	\$ 0.00	\$ 0.00
Special Incident Types	1	00:01:00	\$ 0.00	\$ 0.00
Total for Station: ST3	38	00:06:32	\$ 0.00	\$ 0.00
Total for Shift: A	84.00	00:06:21	\$ 0.00	\$ 0.00
Shift: B				
Station: MA				
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:00:00	\$ 0.00	\$ 0.00
Station: ST1				
Rescue & Emergency Medical Service Incidents	24	00:06:01	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:05:57	\$ 0.00	\$ 0.00
Service Calls	2	00:08:49	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:06:19	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:06:05	\$ 0.00	\$ 0.00
Total for Station: ST1	31	00:06:13	\$ 0.00	\$ 0.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	14	00:06:54	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:10:42	\$ 0.00	\$ 0.00
Special Incident Types	1	00:00:01	\$ 0.00	\$ 0.00

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Incident Summary by Incident Type

Incident Type	Incident Count	Average Response Time	Total Loss	Total Value
Total for Station: ST2	17	00:06:19	\$ 0.00	\$ 0.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	23	00:06:38	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:07:32	\$ 0.00	\$ 0.00
Service Calls	2	00:08:59	\$ 0.00	\$ 0.00
Good Intent Calls	3	00:03:45	\$ 0.00	\$ 0.00
False Alarm & False Calls	2	00:05:48	\$ 0.00	\$ 0.00
Total for Station: ST3	31	00:06:29	\$ 0.00	\$ 0.00
Total for Shift: B	80.00	00:06:15	\$ 0.00	\$ 0.00
Shift: C				
Station: MA				
False Alarm & False Calls	1	00:02:36	\$ 0.00	\$ 0.00
Total for Station: MA	1	00:02:36	\$ 0.00	\$ 0.00
Station: ST1				
Fires	1	00:07:23	\$ 470.00	\$ 642,202.00
Rescue & Emergency Medical Service Incidents	25	00:05:27	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	1	00:07:57	\$ 0.00	\$ 0.00
Service Calls	1	00:07:24	\$ 0.00	\$ 0.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:05:20	\$ 0.00	\$ 0.00
Total for Station: ST1	32	00:05:28	\$ 470.00	\$ 642,202.00
Station: ST2				
Rescue & Emergency Medical Service Incidents	17	00:06:32	\$ 0.00	\$ 0.00
Service Calls	1	00:05:28	\$ 1,200.00	\$ 450,000.00
Good Intent Calls	1	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	1	00:04:05	\$ 0.00	\$ 0.00
Total for Station: ST2	20	00:06:02	\$ 1,200.00	\$ 450,000.00
Station: ST3				
Rescue & Emergency Medical Service Incidents	35	00:07:03	\$ 0.00	\$ 0.00
Hazardous Conditions (No fire)	2	00:07:09	\$ 0.00	\$ 0.00
Service Calls	1	00:10:04	\$ 0.00	\$ 0.00
Good Intent Calls	2	00:00:00	\$ 0.00	\$ 0.00
False Alarm & False Calls	3	00:05:54	\$ 0.00	\$ 0.00
Special Incident Types	2	00:00:20	\$ 0.00	\$ 0.00
Total for Station: ST3	45	00:06:26	\$ 0.00	\$ 0.00
Total for Shift: C	98.00	00:06:00	\$ 1,670.00	\$ 1,092,202.00
Total	262.00	00:06:11	\$ 1,670.00	\$ 1,092,202.00

15 of 17

Inspection Volume

7/11/2019 10:22:40 AM

Filters:

- Inspection Source: **Internal Department Only**
- Start Date: **6/1/2019 12:00:00 AM**
- End Date: **6/30/2019 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}	5		0
Semi-Annual (twice a year) ^{FS}	2		0
2-Year ^{FS}	7		65,834
3-Year ^{FS}	9		51,986
Final - Occupancy ^{FS}	1		0
Fire Alarm Test ^{FS}	3		0
Freedom of Information ^{FS}	1		0
Hydromatic Test ^{FS}	1		0
Plan Review ^{FS}	4		50,425
Puff Test ^{FS}	1		0
Re-inspect ^{FS}	7		99,382
Annual (1)			
3-Year (6)			
Total 7 ³			
Reoccupancy ^{FS}	1		0
Site Plan ^{FS}	3		0
Suppression System ^{FS}	1		0
Total	46	11	267,627

Totals

	# of Inspections ¹	Violations Cited	Violations Cleared ²	Violations Remaining	Occupant Sq. Ft.
Annual ^{FS}	5				0
Semi-Annual (twice a year) ^{FS}	2				0
2-Year ^{FS}	7				65,834
3-Year ^{FS}	9				51,986
Final - Occupancy ^{FS}	1				0
Fire Alarm Test ^{FS}	3				0
Freedom of Information ^{FS}	1				0
Hydromatic Test ^{FS}	1				0

Plan Review ^{FS}	4				50,425
Puff Test ^{FS}	1				0
Re-inspect ^{FS}	7				99,382
Reoccupancy ^{FS}	1				0
Site Plan ^{FS}	3				0
Suppression System ^{FS}	1				0
Total⁵	46	11	0	11	267,627

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.

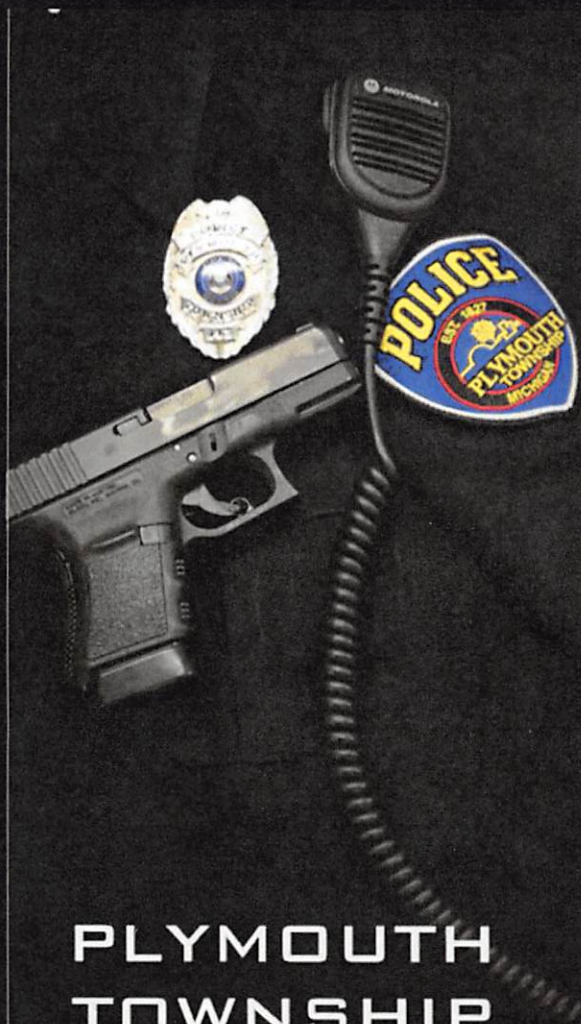
^{FS}Fire Safety Inspection.

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).

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.2
POLICE DEPARTMENT
MONTHLY REPORT
JUNE, 2019**



PLYMOUTH
TOWNSHIP
POLICE

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2019 MONTHLY REPORTS

JUNE



PART-ONE CRIMES

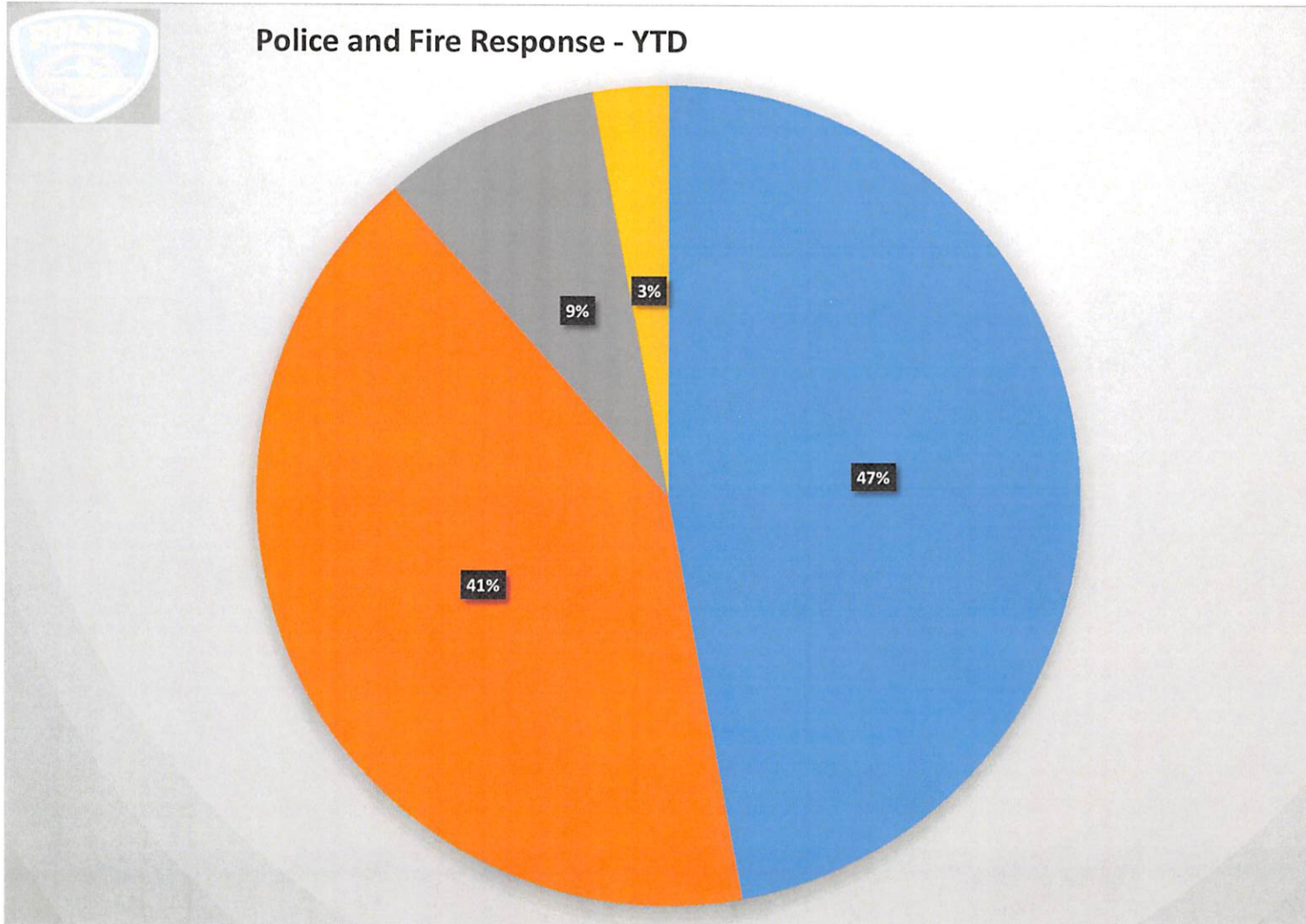


January 1, 2019 through December 31, 2019													
2019	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Murder	0	0	0	0	0	0	0						0
CSC	0	0	0	1	0	0	0						1
Robbery	0	0	0	0	0	0	0						0
Aggravated Assault	0	3	1	1	1	0	0						6
Burglary	2	1	0	2	0	1	0						6
Larceny	18	9	16	8	11	9	0						71
Auto Theft	1	2	3	1	0	1	0						8
Arson	0	0	0	0	0	0	0						0
Retail Fraud	1	2	0	1	0	0	0						4
Total	22	17	20	14	12	11	0	0	0	0	0	0	96
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							242
All Other Crimes	101	90	86	91	97	89							554
Total	140	128	139	129	132	128	0	0	0	0	0	0	796

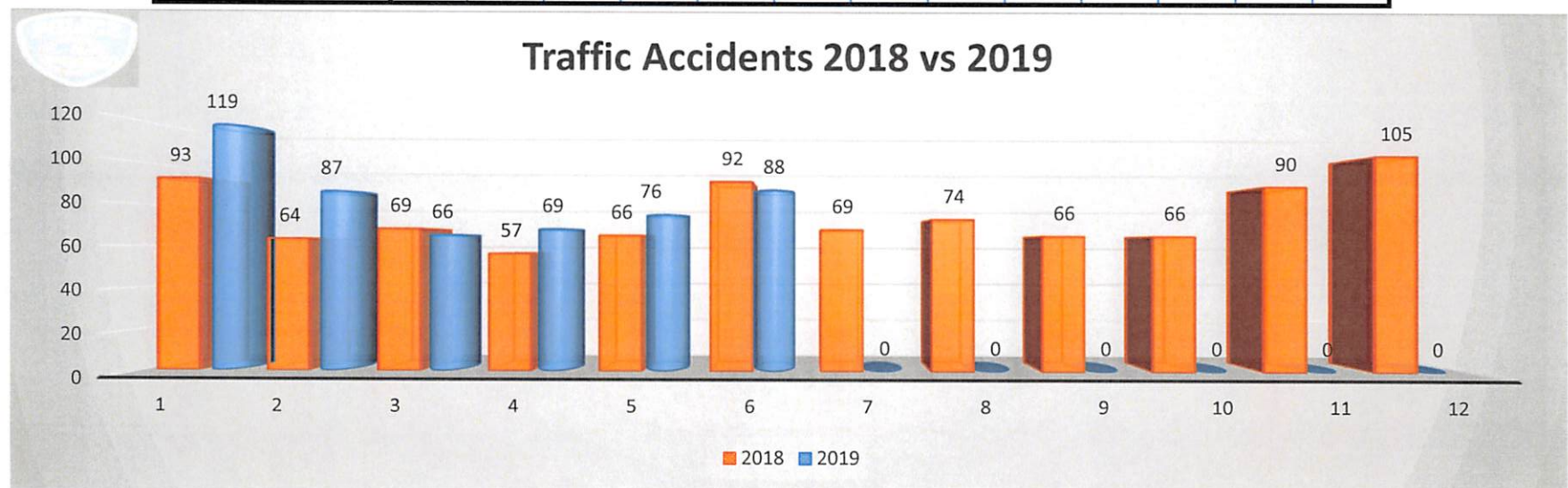
January 1, 2018 through December 31, 2018													
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
Murder	0	0	0	0	0	0	0	0	0	0	0	0	0
CSC	1	1	0	0	1	0	1	0	4	1	1	0	10
Robbery	0	0	1	0	1	0	0	0	0	0	0	0	2
Aggravated Assault	0	0	3	0	1	0	1	2	2	3	2	0	14
Burglary	1	0	1	0	1	5	2	1	1	2	1	3	18
Larceny	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

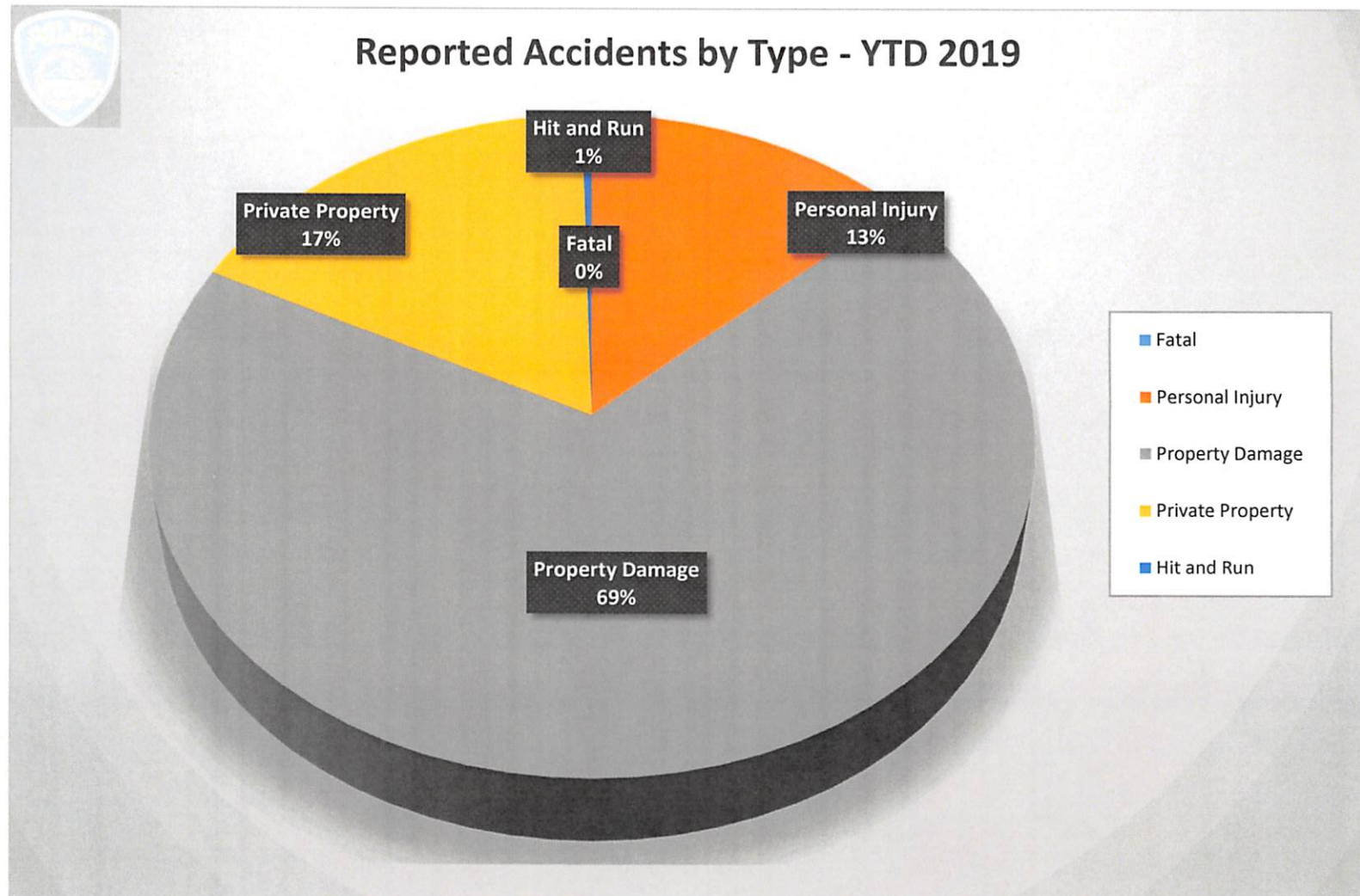
2019 DISPATCH	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD
# of 911 Calls	1,266	1,121	1,365	1,134	1,207	1,349	0	0	0	0	0	0	7,442
# of Non-Emergency Calls	2,602	2,381	2,319	2,262	2,852	2,732	0	0	0	0	0	0	15,148
Total	3,868	3,502	3,684	3,396	4,059	4,081	0	0	0	0	0	0	22,590
POLICE AND FIRE RESPONSE													
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	0	0	0	0	0	0	8,216
Township Police	1,255	1,025	1,410	1,085	1,244	1,190	0	0	0	0	0	0	7,209
Township Fire	282	240	234	243	239	263	0	0	0	0	0	0	1,501
City Fire	108	86	73	84	81	86	0	0	0	0	0	0	518
Total	3,142	2,673	2,863	2,750	3,009	3,007	0	0	0	0	0	0	17,444

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



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	0	0	0	0	0	0	67
Property Damage	92	63	47	41	47	59	0	0	0	0	0	0	349
Private Property	13	19	9	17	16	13	0	0	0	0	0	0	87
Hit and Run	0	0	0	0	0	2	0	0	0	0	0	0	2
Total	119	87	66	69	76	88	0	0	0	0	0	0	505
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





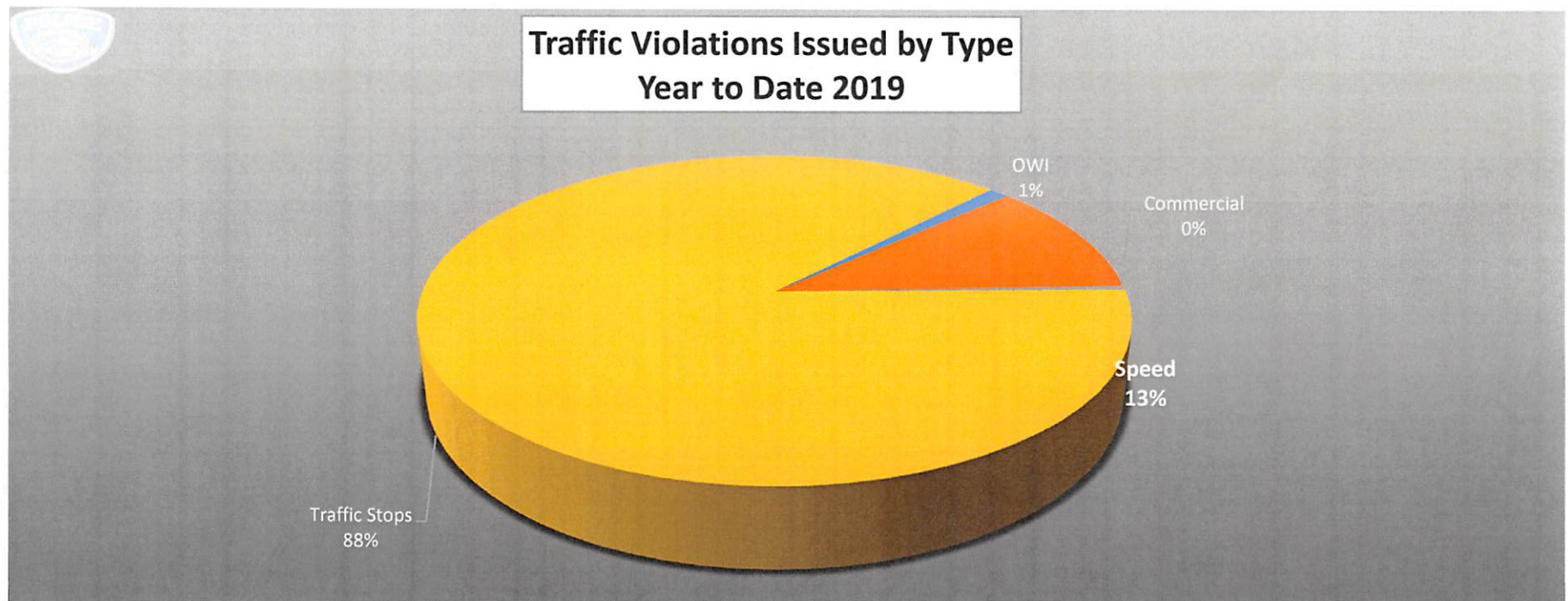
TRAFFIC VIOLATION SUMMARY

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	0	0	0	0	0	0	32
Speed	41	40	53	77	79	50	0	0	0	0	0	0	340
Commercial	8	0	1	0	2	1	0	0	0	0	0	0	12
Traffic Stops	509	384	474	455	454	404	0	0	0	0	0	0	2,680

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	0	0	0	0	0	0	45
Misdemeanor	65	42	64	54	48	48	0	0	0	0	0	0	321
Citations	262	192	237	221	230	193	0	0	0	0	0	0	1,335
Total	341	239	310	278	282	251	0	0	0	0	0	0	1,701

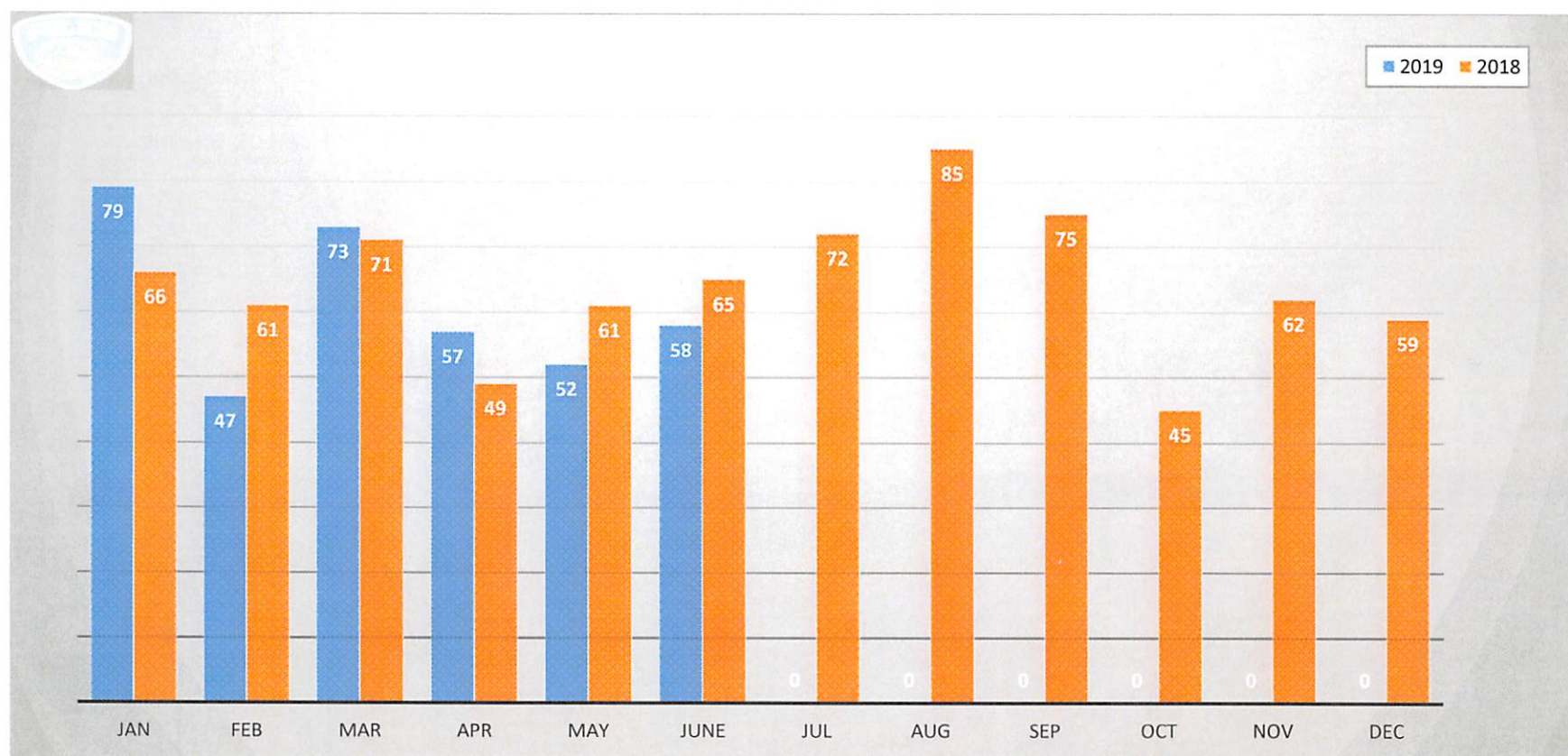
January 1, 2018 through December 31, 2018													
2018	JAN	FEB	MAR	APR	MAY	JUNE	JUL	AUG	SEP	OCT	NOV	DEC	YTD TOTAL
OWI	4	5	3	1	4	2	4	7	3	2	7	4	46
Speed	31	18	40	45	83	114	82	102	75	91	49	66	796
Commercial	3	1	0	0	5	5	14	0	6	1	3	5	43
Traffic Stops	430	276	432	392	521	578	529	622	550	474	482	467	5,753

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	0	0	0	0	0	0	366
2018	66	61	71	49	61	65	72	85	75	45	62	59	771





Plymouth Township Police Department

Thomas Tiderington Chief of Police 9955 N Haggerty Rd. Plymouth, Michigan 48170 (734) 354-3232 FAX (734) 453-4107

To: Assistant Chief Jon Brothers

From: Sgt. Bryan Rupard

Date: July 17, 2019

Re: 2019 LCC report

Asst. Chief Brothers,

The 2019 LCC Law Enforcement Inspections Forms are now complete. They were forwarded to Karen Bonadeo, who scanned them into our report writing system. Each inspection was assigned a case number for tracking purposes.

All the establishments are now in compliance. There were a few businesses with violations that were addressed by the inspecting officers and corrected. For example, 7-Eleven, located at 1545 Ann Arbor Rd, did not have a permit posted; however there was a copy of one at the location. The correct license numbers matched up. The store manager was spoken to about the matter and has since posted the proper permit. He was warned and advised.

The Plymouth Pub did not have its capacity sign posted due to ongoing renovations. Management was advised the capacity sign needs to be posted regardless of renovations. The sign was posted by an employee immediately.

Buffalo Restaurants, Inc. DBA Nassau Bar & Grill had an expired license from April of 2019 posted. Management informed the inspecting officer they were advised by the LCC the renewal was in the mail. A later check confirmed the renewal license was received and is now posted. No citations were issued. All establishments inspected were welcoming to our officers and cooperated fully.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.2
PLANNING DEPARTMENT
MONTHLY REPORT
MAY, 2019**


MCKENNA

Memorandum

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

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

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

DATE: May 30, 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, which covers Planning and Zoning activities and services:

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>	Final stamping process initiated in 2015. <u>Insufficient documentation provided to close file: awaiting final legal approval so the Township can complete the revised, final stamping process.</u>
#2245 (b) 15257 Beck Rd. <i>Plymouth Plaza</i>	<u>Revised plans #2 submitted for Township review under "2245 (b)". Planning Commission consideration to occur at the June 19, 2019 meeting. Weekly meetings with the applicant to determine site compliance.</u>
#2271 39550 Ann Arbor Rd. <i>Quick Pass Car Wash</i>	Planning Commission granted revised, final site plan approval, with conditions, at the February 20, 2019 meeting. <u>Applicant submitted for final stamp; pending review.</u>
#2272 45980 Ann Arbor Rd. <i>The Woods</i>	<u>Final stamp in progress, pending Township receipt of recorded legal documents.</u>

HEADQUARTERS

235 East Main Street
Suite 105
Northville, Michigan 48167

☎ 248.596.0920
F 248.596.0930
MCKA.COM

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Planning and Zoning Activity

PROJECT	CURRENT STATUS (updates for the month are shown in <u>underlined text</u>)
#2274 15075 Beck Rd. <i>Beck Hotel PUD</i>	Tentative site plan approval (mixed-use site with hotel and restaurants) granted by the Planning Commission, April 2018. Revisions to the final site plan were submitted and reviewed in March, April, June, August and November of 2018 and February, March and April of 2019. <u>Final review by the Board of Trustees occurred on May 7, 2019, approval with conditions was granted. Final Stamp Process initiated, under review.</u>
#2296 12731 Beck Rd. <i>Verona Park</i>	<u>Applicant submitted for the final stamping process; review pending and awaiting final legal documents.</u>
#2300 46333 Five Mile Rd. <i>Progressive</i>	Minor administrative site plan request for additional parking at Progressive Insurance, as approved per the 1980's plan as banked parking. Pending Wayne County authorization. New materials or an extension request must be submitted by July 27, 2019 or the file will be closed.
#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>
#2305 14540 Jib St. <i>Diamond Tool</i>	Proposed administrative site plan (major) for a building addition, with site plan improvements. Applicant to submit additional documentation (ex: landscaping plan), prior to Planning Commission consideration. Pending resubmission by applicant. New materials or an extension request must be submitted by October 17, 2019 or the file will be closed.
#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 request to go over general site layout, utilities, etc. prior to tentative site plan (CHO) review by the Planning Commission at a future meeting.</u>
#2313 <i>Ridge 5 Corporate Park</i>	Application for a new Business Park; tentative site plan approval granted by the Planning Commission on December 12, 2018. <u>Applicant submitted for final site plan on May 28, 2019 and the final site plan consideration is scheduled for the June 19, 2019 Planning Commission meeting.</u>
#2314 15100 Fogg St.	Tentative site plan approval for new industrial building granted by the Planning Commission on December 12, 2018. New materials or an extension request must be submitted by December 12, 2019 or the file will be closed.
#2317 <i>Powell Rd. - Vacant</i>	Cluster Housing Option (CHO) request for parcel #: R-78-046-99-0002-72. Public hearing noticed for the January 16, 2019 Planning Commission meeting; Planning Commission postponed the agenda item for up to 12 months. Applicant to submit revised plans.
#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>
#2323 41185 Wilcox Rd.	Class A, non-conforming designation granted for a single family residence in the R-2-A Multiple Family Residential district on February 20, 2019. Applicant to submit for the final stamping process after working with Wayne County on approval for a circular drive.



Planning and Zoning Activity

PROJECT	CURRENT STATUS (updates for the month are shown in <u>underlined text</u>)
#2325 40880 Ann Arbor Rd. <i>Burger King</i>	Façade 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 at a later date.</u>
#2326 <i>Freudenberg</i>	<u>Outdoor enclosure administratively reviewed and approved. Final stamp issued; file closed on May 23, 2019.</u>
#2327 <i>Gauci Land Division</i>	<u>Single family residential land division approved, file closed on May 28, 2019.</u>
#2330 <i>Webasto</i>	Tentative and final site plan approval granted on April 17, 2019 by the Planning Commission. <u>Applicant to finalize engineering and receive all permits prior to final stamp consideration.</u>
#2331 <i>Freudenberg-NOK</i>	Lot combination to accommodate new development (see #2326). <u>Review finalized; file closed in early May.</u>
#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.
#2333 47035 N. Territorial <i>Land Division</i>	Application to subdivide 47035 N. Territorial into four (4) newly created lots; review #1 finalized. <u>Revisions requested, reviewed and approved; file closed on May 28, 2019.</u>
#2334 15110 Beck Rd. <i>McDonalds</i>	Application for minor façade improvements only at the existing McDonalds on Beck Road; <u>final site plan approved at the May 15, 2019 Planning Commission meeting. Final stamp issued, file closed on May 23, 2019.</u>
#2335 44560 Ann Arbor Rd. <i>Hock Dentistry</i>	Application for façade, parking lot and landscape improvements at the former bank on Ann Arbor Road; <u>final site plan approved at the May 15, 2019 Planning Commission meeting. Final stamp issued, file closed on May 23, 2019.</u>
#2336 40601 Ann Arbor Rd. <i>Hines Park Lincoln</i>	Administrative application for a minor building addition and landscape improvements at the existing Hine Park Lincoln Dealership on Ann Arbor Road. <u>Final stamp in progress.</u>
#2337 46980 N. Territorial	<u>Single family land division; review pending.</u>
#2338 14973 Northville Rd. <i>Phoenix Mill</i>	<u>Brownfield Plan submitted for environmental clean up and redevelopment assistance at the former Phoenix Mill site. Public hearing and consideration scheduled for the June 10, 2019 Brownfield Redevelopment Authority meeting.</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>(May only)</i>	\$5,250.00	\$41,821.80
#2335: Administrative Site Plan #1 (major)	\$1,200.00	-
#2336: Administrative Site Plan #2	\$1,200.00	-
#2337: Land Division #1	\$500.00	-
#2338: Brownfield Plan (BRA)	\$2,350.00	-

CHALLENGES

- Application form needs revisions and application process packets remain outstanding.
- Repeat ZBA variances granted.

RECOMMENDATIONS AND NEXT MONTH OUTLOOK

- Downtown Development Authority review of the updated DDA Development and TIF plan and public hearing scheduled for June 10, 2019, incorporating Planning Commission comments made during the May 15, 2019 meeting. Board of Trustees consideration of the DDA Development and TIF Plan is tentatively scheduled for July 9, 2019.
- Brownfield Redevelopment Authority public hearing and consideration of the Phoenix Mill Brownfield Plan scheduled for June 10, 2019. Board of Trustees consideration of the Brownfield Plan is tentatively scheduled for July 9, 2019.
- Create long-range plan for the planting of 175+ trees in public land of the Township, (the trees are a result of the Webasto site plan “payment in-lieu” approval).
- In partnership with Gary Roberts, Jennifer Frey and David Schreiber, a \$100,000 grant application was developed, finalized and submitted to MEDC for their Site Readiness Site Improvement program for MITC. Communities will be notified of the grant award by July 1, 2019.
- The Planning Commission has expressed interest in creating a Woodland Ordinance for the Township (part of the General Code of Ordinances) in an effort to maintain and have better control of existing natural features, protecting and enhancing the rural character of the Township.
- New information and materials to be posted to the Township’s website for public benefit and increased awareness of planning and zoning processes / projects, including an FAQ section.
- An Economic Development Presentation to the Board of Trustees is scheduled for July 9, 2019.

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.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.2
PLANNING DEPARTMENT
MONTHLY REPORT
JUNE, 2019**


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 – June, 2019

DATE: July 5, 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, which covers Planning and Zoning activities and services:

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>	Final Stamp process initiated in 2015. <u>Final Stamp in progress, pending Township receipt of recorded legal documents.</u>
#2245 (b) 15257 Beck Rd. <i>Plymouth Plaza</i>	<u>Revised plans #3 submitted for Township review under "2245 (b)". Planning Commission consideration to occur at the July 17, 2019 meeting. Weekly meetings with the applicant to determine site compliance.</u>
#2271 39550 Ann Arbor Rd. <i>Quick Pass Car Wash</i>	Planning Commission granted revised, final site plan approval, with conditions, at the February 20, 2019 meeting. <u>Applicant submitted for Final Stamp; review pending with engineering.</u>
#2272 45980 Ann Arbor Rd. <i>The Woods</i>	<u>Final Stamp in progress, pending Township receipt of recorded legal documents.</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>)
#2274 15075 Beck Rd. <i>Beck Hotel PUD</i>	Tentative site plan approval (mixed-use site with hotel and restaurants) granted by the Planning Commission, April 2018. <u>Final Stamp Process finalized, project closed.</u>
#2296 12731 Beck Rd. <i>Verona Park</i>	<u>Applicant submitted for Final Stamp, awaiting final legal documents.</u>
#2300 46333 Five Mile Rd. <i>Progressive</i>	Minor administrative site plan request for additional parking at Progressive Insurance, as approved per the 1980's plan as banked parking. Pending Wayne County authorization. <u>New materials or a one year extension request must be submitted by July 27, 2019 or the file will be closed.</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>
#2305 14540 Jib St. <i>Diamond Tool</i>	Proposed administrative site plan (major) for a building addition, with site plan improvements. Pending resubmission by applicant. <u>File closed, project withdrawn.</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 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>	Application for a new Business Park; tentative site plan approval granted by the Planning Commission on December 12, 2018. <u>Applicant submitted for final site plan on May 28, 2019 and the final site plan was approved at the June 19, 2019 Planning Commission meeting, with conditions.</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. - Vacant</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>
#2323 41185 Wilcox Rd.	Class A, non-conforming designation granted for a single family residence in the R-2-A Multiple Family Residential district on February 20, 2019. <u>Applicant to submit for Final Stamp.</u>



Planning and Zoning Activity

PROJECT	CURRENT STATUS (updates for the month are shown in <u>underlined text</u>)
#2325 40880 Ann Arbor Rd. <i>Burger King</i>	Façade 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>
#2330 <i>Webasto</i>	Tentative and final site plan approval granted on April 17, 2019 by the Planning Commission. <u>Applicant to finalize engineering and receive all permits prior to final stamp 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>
#2336 40601 Ann Arbor Rd. <i>Hines Park Lincoln</i>	Administrative application for a minor building addition and landscape improvements at the existing Hine Park Lincoln Dealership on Ann Arbor Road. <u>Final Stamp in progress.</u>
#2337 46980 N. Territorial	<u>Single family lot line; review finalized; approved issued by supervisor; file closed.</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 for a future meeting.</u>
#2339 9315 Ball St.	<u>Single-family residential land division request for two lots in the Green Meadows subdivision, administrative review 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 (June only)	\$785.00	\$42,606.80
#2274: Additional Planning Reviews	\$385.00	-
#2339: Land Division #1	\$400.00	-



RECOMMENDATIONS AND NEXT MONTH OUTLOOK

- Downtown Development Authority review of the updated DDA Development and TIF plan and public hearing scheduled held on June 10, 2019, incorporating Planning Commission comments made during the May 15, 2019 meeting. Board of Trustees consideration of the DDA Development and TIF Plan is scheduled for July 9, 2019.
- Brownfield Redevelopment Authority public hearing and consideration of the Phoenix Mill Brownfield Plan scheduled held June 10, 2019. Board of Trustees consideration of the Brownfield Plan is scheduled for a future meeting this summer.
- Create long-range plan for the planting of 151 trees in public land of the Township, (the trees are a result of the Webasto site plan “payment in-lieu” approval).
- In partnership with Gary Roberts, Jennifer Frey and David Schreiber, a \$100,000 grant application was developed, finalized and submitted to MEDC for their Site Readiness Site Improvement program for MITC. Communities will be notified of the grant award in July of 2019.
- New information and materials to be posted to the Township’s website for public benefit and increased awareness of planning and zoning processes / projects, including an FAQ section.
- An Economic Development Presentation to the Board of Trustees is scheduled for July 9, 2019.
- Welcome to the Planning Commission’s new appointment, Robert Ostendorf. A Planning Commission member orientation is scheduled for July 12, 2019.

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.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.2
FOIA MONTHLY REPORT -
CLERK'S OFFICE
JUNE, 2019**

FOIA Monthly Report

Run Date: 07/01/2019 8:00 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
6/6/2019		Contractor Scott Bobek	Fire Report	
6/7/2019	Law Office of Paul S. Clark	Paul Clark	EMS Report	
6/7/2019	Clark Hill	Jason Canvasser	Building	
6/10/2019	Langan Engineering	Valentina Miller	Environmental	
6/7/2019	Harris Altman Injury Lawyers	Bradley Harris	EMS Report	
6/17/2019	Records Deposition Service	Daniel Fleming	EMS Report	
6/18/2019		Jillian Kerry	Contract	
6/19/2019	Remine	Associate Data Acquisition Analyst Christina Hogue	Other	
6/19/2019	CBRE	Mike Connolly	Building Fire Report Zoning	
6/21/2019	TopBuild	Captain Jason Small	Building	
6/24/2019		Phoebe Henninger	Election Records	
6/27/2019		Jennifer Wells	Public Services-Works	
Total Requests: 12				Total Dollars: 0

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

**ITEM D.2
FOIA MONTHLY REPORT -
POLICE DEPARTMENT
JUNE, 2019**

PD FOIA Monthly Report

Run Date: 07/01/2019 8:00 AM

Create Date	Company Name	Customer Full Name	Type of Information Requested	Amount of Payment
6/3/2019		Ms Felicia Matteucci	Police Records	0.00
6/3/2019		Ms Felicia Matteucci	Police Records	0.00
6/4/2019		Sue Bellaire	Police Records	0.00
6/5/2019	Kelly & Kelly Law	Brian Locke	Police Records	0.00
6/11/2019	The Post Bistro	Steve Anderson	Police Records	0.00
6/12/2019		Andrea Porter	Police Records	1.70
6/13/2019		Joan Daniels	Police Records	0.00
6/14/2019		Edward Rogers	Police Records	0.00
6/18/2019	Teamsters Local 243	Mr. Neil Pettit	Police Records	0.00
6/21/2019	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Police Records	0.00
6/24/2019	Metropolitan Reporting Bureau	Metropolitan Reporting Bureau	Police Records	1.20
6/24/2019		Gary Quigley	Police Records	13.48
6/25/2019		Elizabeth Brown	Police Records	0.00
6/26/2019		Stephen Spindler	Police Records	0.00
6/27/2019		Stephen Spindler	Police Records	0.00
Total Requests: 15				Total Dollars: 16.38

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

CONSENT AGENDA

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

7/23/2019

FUND NUMBER	TOTAL INC PAYROLL	PAYROLL & INVOICES PAID	
		PRIOR TO MEETING	INVOICES PAID AFTER BOARD REVIEW
101	472,178.47	382,227 16	89,951 31
226	107,403.05	3,655 56	103,747.49
246	-	-	
265	37,617.00	-	37,617.00
266	1,572.00	-	1,572.00
267	-	-	
510	134.00	-	134 00
588	4,285.97	4,180 41	105 56
592	268,998.19	255,756 12	13,242 07
701	15,154.00	15,154 00	
702	3,780.00	3,780.00	
703	-	-	
805	11,962.76	38 01	11,924.75
TOTAL	923,085.44	664,791.26	258,294.18

GRAND TOTAL **923,085.44**

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Charter Township of Plymouth
AP Invoice Listing - Board Report

Diana Kun #1719
 1/1/19

VENDOR INFORMATION

INVOICE INFORMATION

WEST METRO/ACME GARAGE DOOR		Invoice Amount:	\$545.00
inv 71040 - quote dated 6/4/19		Check Date:	07/23/2019
592-172-776.000	repaired overhead door, spring replaceme		545.00
ADVANCED DISPOSAL		Invoice Amount:	\$125.00
TWP PARK FACILITY - YD WASTE FEES_JUL 2019		Check Date:	07/23/2019
101-691-931.000	TWP PARK YARD WASTE		125.00
ADVANCED DISPOSAL		Invoice Amount:	\$821.00
TWP FACILITIES - JUL 2019 FEES		Check Date:	07/23/2019
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
ADVANCED DISPOSAL		Invoice Amount:	\$75.14
DPW RESI COMPOST - JUN 2019		Check Date:	07/23/2019
226-226-810.400	Compost 06/19/19		60.00
226-226-810.400	Fuel Surcharge		9.20
226-226-810.400	Compliance Fee		5.94
A.S.C., INC		Invoice Amount:	\$2,445.00
Inv. 46622 6/18/19 CCTV Service Agreement Qua		Check Date:	07/23/2019
101-305-818.000	Coverage Period 7/1/19 - 9/30/19		2,445.00
A.S.C., INC		Invoice Amount:	\$358.80
Inv. 46728 6/26/19 Security Service Labor		Check Date:	07/23/2019
101-305-851.000	Adjusted PD Firewall Settings		358.80
A.S.C., INC		Invoice Amount:	\$105.00
Sta#1 Alarm 7/1-9/30/19		Check Date:	07/23/2019
101-336-776.000	Sta#1 Alarm Monitoring 7/1-9/30/19		105.00
ALPHAGRAPHICS #336		Invoice Amount:	\$84.00
Business Cards Planning		Check Date:	07/23/2019
101-400-727.000	Business Cards Planning		84.00
ASSOCIATED NEWSPAPERS OF MICHIGAN		Invoice Amount:	\$235.75
Environmental Leadership Commission Ordinance		Check Date:	07/23/2019
101-215-813.000	Environmental Ldrshp Comm Ord		235.75
NAPA Auto Parts of Plymouth		Invoice Amount:	\$116.97
Vehicle parts		Check Date:	07/23/2019
101-336-863.000	Vehicle parts		116.97
B & R JANITORIAL SUPPLY		Invoice Amount:	\$1,371.74
JUNE JANITORIAL SUPPLY		Check Date:	07/23/2019
101-265-776.000	BLDG AND GROUNDS INVOICE 186325		617.00
101-265-858.000	SENIOR CENTER INVOICE 186325		41.00
101-305-776.000	INVOICE 186325		343.00
101-325-727.000	INVOICE 186325		137.00
101-336-776.000	INVOICE 186325		27.00
592-172-776.000	INVOICE 186325		206.74

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

B & R JANITORIAL SUPPLY INVOICE 186325-1 <i>101-265-776.000</i>	<i>INVOICE 186325-1</i>	Invoice Amount: \$39.97 Check Date: 07/23/2019 <i>39.97</i>
Background Check Central Background check A. Bigger <i>101-336-963.000</i>	<i>Background check A. Bigger</i>	Invoice Amount: \$740.00 Check Date: 07/23/2019 <i>740.00</i>
BATTERY SOLUTIONS, LLC. Battery Recycle <i>226-226-810.000</i>	<i>iRecycle - Filled Pail #A419601_07/12/19</i>	Invoice Amount: \$109.95 Check Date: 07/23/2019 <i>109.95</i>
BLACKWELL FORD INC. Inv. 343934 2/7/19 - Vehicle Repair/106438 <i>101-305-863.000</i>	<i>Warning Light - Inspection of Vehicle</i>	Invoice Amount: \$85.00 Check Date: 07/23/2019 <i>85.00</i>
BLACKWELL FORD INC. Inv. 345694 3/12/19 - Vehicle Repair/129716 <i>101-305-863.000</i>	<i>The Works Fuel Saver Package</i>	Invoice Amount: \$52.34 Check Date: 07/23/2019 <i>52.34</i>
BLACKWELL FORD INC. Inv. 350562 6/25/19 - Vehicle Repair/A94167 <i>101-305-863.000</i>	<i>The Works Fuel Saver Package</i>	Invoice Amount: \$51.51 Check Date: 07/23/2019 <i>51.51</i>
BLACKWELL FORD INC. Inv. 350650 6/27/19 - Vehicle Repair/128076 <i>101-305-863.000</i>	<i>The Works Fuel Saver Package</i>	Invoice Amount: \$51.51 Check Date: 07/23/2019 <i>51.51</i>
BLACKWELL FORD INC. Inv. 350610 6/26/19 - Vehicle Repair/129715 <i>101-305-863.000</i>	<i>Replace one tire - Michelin Pilot</i>	Invoice Amount: \$223.03 Check Date: 07/23/2019 <i>223.03</i>
BLACKWELL FORD INC. Inv. 350841 7/2/19 - Vehicle Repair/A66875 <i>101-305-863.000</i>	<i>The Works Fuel Saver/Replace Front Wheel</i>	Invoice Amount: \$69.01 Check Date: 07/23/2019 <i>69.01</i>
BLACKWELL FORD INC. Inv. 350772 7/1/19 - Vehicle Repair/126605 <i>101-305-863.000</i>	<i>The Works Fuel Saver Package</i>	Invoice Amount: \$51.51 Check Date: 07/23/2019 <i>51.51</i>
BLACKWELL FORD INC. Inv. 350488 7/5/19 - Vehicle Repair/C07494 <i>101-305-863.000</i>	<i>Remove Fuel Tank (Contaminated Fuel)</i>	Invoice Amount: \$3,057.04 Check Date: 07/23/2019 <i>3,057.04</i>
BLACKWELL FORD INC. U1 radiator repair <i>101-336-863.000</i>	<i>U1 Radiator repair</i>	Invoice Amount: \$327.38 Check Date: 07/23/2019 <i>327.38</i>
CINTAS CORPORATION - 300 Inv. 4024383724 6/21/19 Mat service for P.D. <i>101-305-776.000</i>	<i>Mats for pd</i>	Invoice Amount: \$165.95 Check Date: 07/23/2019 <i>165.95</i>
CODE SAVVY CONSULTANTS LLC SPRINKLER SYSEM PLAN REVIEW LINK ENG #30 <i>101-371-818.000</i>	<i>INVOICE 1514</i>	Invoice Amount: \$535.00 Check Date: 07/23/2019 <i>535.00</i>

Charter Township of Plymouth

AP Invoice Listing - Board Report

VENDOR INFORMATION**INVOICE INFORMATION**

COMSOURCE, INC.		Invoice Amount:	\$85.00
Palm Mic		Check Date:	07/23/2019
	101-336-978.000 APX7500 Palm Mic		85.00
CORRIGAN OIL COMPANY		Invoice Amount:	\$2,247.89
Fuel #6848804 7/9/19		Check Date:	07/23/2019
	592-291-863.000 Dyed Ultra Low Sulfur #2 Mix		950.47
	592-291-863.000 Fuel Tax Recap		10.73
	592-291-863.000 Environmental Fee		6.95
	592-291-863.000 GE87 GAS-ETHANOL		1,279.74
Corporate Benefit Solutions, LLC		Invoice Amount:	\$290.51
July 2019 Monthly Premium for BenExpress Enroll		Check Date:	07/23/2019
	101-171-818.000 July 2019 BenExpress Enrollment		400.00
	101-171-818.000 July 2019 UNUM BenX Credit		(109.49)
MICH MUN RISK MGT AUTHORITY ECP		Invoice Amount:	\$10,333.38
Electric Choice - June 19		Check Date:	07/23/2019
	101-336-921.000 Electric Choice		1,325.18
	592-172-921.000 Electric Choice		640.05
	101-171-921.000 Electric Choice		678.70
	101-201-921.000 Electric Choice		363.16
	101-209-921.000 Electric Choice		194.28
	101-215-921.000 Electric Choice		589.82
	101-253-921.000 Electric Choice		246.34
	101-305-921.000 Electric Choice		1,949.13
	101-325-921.000 Electric Choice		405.70
	101-325-921.400 Electric Choice		405.70
	101-336-921.000 Electric Choice		286.97
	101-371-921.000 Electric Choice		427.28
	101-371-921.500 Electric Choice		239.36
	592-172-921.000 Electric Choice		562.52
	592-172-921.000 Electric Choice		473.82
	101-336-921.000 Electric Choice		635.55
	101-691-921.000 Electric Choice		384.86
	101-265-921.000 Electric Choice		87.09
	588-588-921.000 Electric Choice		5.56
	101-100-067.010 Electric Choice		432.31
DICKINSON WRIGHT PLLC		Invoice Amount:	\$5,000.00
Professional Tax Services	thru March 31,	Check Date:	07/23/2019
	101-215-818.000 Tax Services thru 3/31/19		5,000.00
EctoHR, Inc.		Invoice Amount:	\$6,500.00
EctoHR - June 2019 Services - Invoice # 10651		Check Date:	07/23/2019
	101-171-818.200 6 -19 Services - Inv. 10651		6,500.00
ETNA SUPPLY		Invoice Amount:	\$4,700.00
Parts for Curb Box's		Check Date:	07/23/2019
	592-291-935.000 MUELLER H15204N-1FLRXFLR		1,632.00
	592-291-935.000 MUELLER H15000-NL -1" FLARE CORP STOP N		836.00
	592-291-935.000 360' 1X60FT COP K SOFT COIL		1,512.00
	592-291-935.000 MEA-55-2HA - A.Y.M.5 1/2' ARCH BOX & 1"		720.00
FEDEX		Invoice Amount:	\$15.50
Inv. 6--595-23462 6/26/19 Package Shipped		Check Date:	07/23/2019
	101-325-727.000 Trial Headsets Returned to TalkPoint		15.50

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Charter Township of Plymouth
AP Invoice Listing - Board Report

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VENDOR INFORMATION

INVOICE INFORMATION

FELLRATH, PATRICK			Invoice Amount:	\$135.14
Mileage Reimbursement June - 19			Check Date:	07/23/2019
	592-291-863.000	Mileage Reimbursement June - 19		135.14
FIRE SERVICE MANAGEMENT			Invoice Amount:	\$237.00
Uniform repairs for FF Inman			Check Date:	07/23/2019
	101-336-758.000	Uniform repairs for FF Inman		237.00
GFL Environmental USA, Inc.			Invoice Amount:	\$195.00
DPW RECYCLE CENTER			Check Date:	07/23/2019
	226-226-810.500	06/19/19 - Paper/Cardboard		195.00
GFL Environmental USA, Inc.			Invoice Amount:	\$103,358.64
JUNE 2019 - RESIDENTIAL COLLECTION FEE			Check Date:	07/23/2019
	226-226-810.000	JUN 2019 TRASH		66,796.40
	226-226-810.000	JUN 2019 RECYCLING		18,632.68
	226-226-810.000	JUN 2019 YARD WASTE		17,929.56
HALT FIRE INC			Invoice Amount:	\$96.00
R2 tail light fuse			Check Date:	07/23/2019
	101-336-863.000	R2 tail light fuse		96.00
Hallahan & Associates, PC			Invoice Amount:	\$2,733.51
Assessing Legal Services June 2019 (see detailed			Check Date:	07/23/2019
	101-209-826.000	Assessing Legal Services-Inv#16474		2,733.51
HEMMING,POLACZYK,CRONIN,SMITH,			Invoice Amount:	\$10,018.38
Legal Services June 2019 services (KEVIN BENNE			Check Date:	07/23/2019
	101-290-825.000	Ordinance Prosecutions		3,281.25
	101-290-827.000	Community Development		4,914.38
	101-290-826.000	Admin		1,653.75
	101-290-826.000	Misc.		11.50
	101-290-826.000	Building Dept.		26.24
	101-290-826.000	Water and Sewer		118.13
	101-290-826.000	Cable		13.13
HORTON PLUMBING			Invoice Amount:	\$111.45
FRIENDSHIP TOILET REPAIR			Check Date:	07/23/2019
	101-265-858.000	INVOICE 174249		111.45
HYDRO CORP			Invoice Amount:	\$1,779.00
Cross Connection Control program June 2019			Check Date:	07/23/2019
	592-291-804.000	Cross Connection Control program June 19		1,779.00
RICOH USA, INC.			Invoice Amount:	\$341.89
Ricoh Service Agreement 3rd Q 19			Check Date:	07/23/2019
	592-172-818.000	Ricoh 7/1/19 to 9/30/19		263.54
	101-253-818.000	Ricoh 7/1/19 tp 9/30/19		78.35
IRON MOUNTAIN			Invoice Amount:	\$231.82
Offsite Storage - July 2019			Check Date:	07/23/2019
	101-215-818.000	Offsite Storage-July 2019		231.82
J & B MEDICAL SUPPLY INC			Invoice Amount:	\$1,056.24
Medical Supplies for ambulances			Check Date:	07/23/2019
	101-336-836.000	ROLLED GAUZE, 4" x 5yds,		20.56
	101-336-836.000	King Airways Size 5		107.97

Charter Township of Plymouth

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	101-336-836.000	King Airways Size 4	107.97
	101-336-836.000	King Airway Size 3	143.96
	101-336-836.000	OB Kit	57.60
	101-336-836.000	Pediatric Electrodes	16.80
	101-336-836.000	ADC Adlite Penlight	24.75
	101-336-836.000	Frontline Nitril Exam Gloves	152.60
	101-336-836.000	Irrigation Solution	28.00
	101-336-836.000	Disposable Scalpels	11.01
	101-336-836.000	SPO2 Sensors	130.90
	101-336-836.000	Burn Dressing	29.34
	101-336-836.000	Combine ABD pad 5 x 9	48.40
	101-336-836.000	EKG Paper	121.98
	101-336-836.000	Sam Splint 36"	54.40
J & B MEDICAL SUPPLY INC		Invoice Amount:	\$291.46
medical supplies		Check Date:	07/23/2019
	101-336-836.000	NAR30-0023 tourniquets	142.80
	101-336-836.000	ADC703-12XBK Sphygmomanometer	148.66
J & B MEDICAL SUPPLY INC		Invoice Amount:	\$649.01
Medical Equipment		Check Date:	07/23/2019
	101-336-836.000	ERS IV Case	78.16
	101-336-836.000	King LTS Size 5	179.95
	101-336-836.000	King LTS Size 4	179.95
	101-336-836.000	King LTS Size 3	179.95
	101-336-836.000	FORA Blood Glucose System	31.00
ABC MANAGEMENT		Invoice Amount:	\$100.00
Senior Transportation/Handicapped transit - Inv.		Check Date:	07/23/2019
	588-588-818.000	Invoice #3599- handicapped transit	100.00
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$35.42
Inv. 9005817112 6/25/19 Maint. Agreement - Biz		Check Date:	07/23/2019
	101-305-851.000	5/26/19 - 6/25/19 coverage dates	35.42
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$191.60
Copy charges - June 2019		Check Date:	07/23/2019
	101-371-727.000	Color Copies - Bldg	135.61
	101-371-727.000	B&W Copies - Bldg	14.13
	101-215-727.000	Color Copies - Clerk	34.22
	101-215-727.000	B&W Copies - Clerk	7.64
KONICA MINOLTA BUSINESS SOLUTIONS		Invoice Amount:	\$175.16
Maintenance 6/1/19-6/30/19 #259710965		Check Date:	07/23/2019
	101-171-727.000	C454e Copier Maintenance	36.78
	101-201-851.000	Maint.	7.01
	101-371-851.500	Maint.	8.76
	226-226-727.000	Maint.	8.76
	592-172-818.000	Maint	113.85
KRUEGER, RANDY		Invoice Amount:	\$74.00
MICHIGAN DRIVER'S LICENSE RENEWAL NOTICE		Check Date:	07/23/2019
	592-291-863.000	REINBURSMENT	74.00
KSS Enterprises		Invoice Amount:	\$21.43
BLANKET PO 2019 (inv. 1165328 added 7/12/19)		Check Date:	07/23/2019
	101-691-931.000	BLANKET PO 2019	21.43

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Kushner, Cynthia			Invoice Amount:	\$3,900.00
Contractual Services for June 2019	(June 30, 2		Check Date:	07/23/2019
	101-215-818.000	9:39 am - 6:46 pm 6/19/19		1,237.50
	101-215-818.000	9:21 am - 6:21 pm 6/25/19		1,200.00
	101-215-818.000	10:24AM - 9:00PM 6/26/19		1,462.50
LAIRD GLASS & UPHOLSTERY, INC.			Invoice Amount:	\$280.00
Inv. 9346 7/11/19 New Windshield - 2016 Ford T			Check Date:	07/23/2019
	101-305-863.000	Windshield Green Tint/Blue Shad		240.00
	101-305-863.000	adhesive		40.00
LIFELOC TECHNOLOGIES			Invoice Amount:	\$1,890.00
Inv. 322535 5/24/19 FC10 Portable Breath Tester			Check Date:	07/23/2019
	265-300-978.000	PBT Serial #19160034		270.00
	265-300-978.000	PBT Serial #19160035		270.00
	265-300-978.000	PBT Serial #19160036		270.00
	265-300-978.000	PBT Serial #19160037		270.00
	265-300-978.000	PBT Serial #19160038		270.00
	265-300-978.000	PBT Serial #19160039		270.00
	265-300-978.000	PBT Serial #19160040		270.00
AutoZone			Invoice Amount:	\$41.75
Vehicle supplies			Check Date:	07/23/2019
	101-336-863.000	Vehicle supplies		41.75
AutoZone			Invoice Amount:	\$97.54
Vehicle supplies			Check Date:	07/23/2019
	101-336-863.000	Vehicle supplies		97.54
AutoZone			Invoice Amount:	\$87.31
Vehicle supplies			Check Date:	07/23/2019
	101-336-863.000	Vehicle supplies		87.31
AutoZone			Invoice Amount:	\$285.98
Invoice #4382324678 #409 (SWEEPER)			Check Date:	07/23/2019
	592-291-851.000	HEAVY DUTY BATTERY FOR SWEEPER		285.98
M H R BILLING SERVICES			Invoice Amount:	\$810.00
Monthly Billing Fees			Check Date:	07/23/2019
	101-336-959.000	Monthly Billing Fees		810.00
MAIN STREET AUTO WASH			Invoice Amount:	\$420.00
May and June (through 6/21/19) Car Washes			Check Date:	07/23/2019
	101-305-863.000	Police Vehicles		405.00
	101-371-863.000	Building Vehicles		15.00
MAPLES ENVIRONMENTAL PEST CONTROL			Invoice Amount:	\$150.00
GENERAL PEST CONTROL			Check Date:	07/23/2019
	101-336-776.000	FIRE #2 6/28		150.00
MAPLES ENVIRONMENTAL PEST CONTROL			Invoice Amount:	\$150.00
GENERAL PEST CONTROL FIRE #3			Check Date:	07/23/2019
	101-336-776.000	FIRE #3 6/28		150.00
MCKENNA ASSOCIATES INC			Invoice Amount:	\$1,109.00
Professional Services -June 2019 - 90047-30 (d			Check Date:	07/23/2019
	101-371-818.500	Prep & Attend Mtg - 6/19		302.50

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	101-371-818.500	#2231-LOC Performance Site pLAN	350.00
	101-371-818.500	Senior Designer Services	456.50
MCKENNA ASSOCIATES INC		Invoice Amount:	\$3,706.50
Professional Services - June 2019 - Invoice # 21		Check Date:	07/23/2019
	101-371-818.500	8.40 - 1/2 day on-site services (70%)	3,192.00
	101-371-818.500	.70 - Full day on site services (70%)	514.50
MICHIGAN AIR SOLUTIONS, LLC		Invoice Amount:	\$174.70
Sta#2 Compressor Maint		Check Date:	07/23/2019
	101-336-851.000	Sta#2 Compressor Maint.	174.70
MICHIGAN MUNICIPAL LEAGUE		Invoice Amount:	\$136.56
Classified Ad for Finance Director - Inv. # 19552		Check Date:	07/23/2019
	101-215-818.000	Classified Ad for Fin. Dir. Inv. # 19552	136.56
MICHIGAN LINEN SERVICE		Invoice Amount:	\$84.35
Uniforms 6/28/19 #408864		Check Date:	07/23/2019
	592-172-758.000	6/28/19	84.35
MICHIGAN LINEN SERVICE		Invoice Amount:	\$84.35
Uniforms 7/5/19 #409273		Check Date:	07/23/2019
	592-172-758.000	7/5/19	84.35
MICHIGAN LINEN SERVICE		Invoice Amount:	\$84.35
Uniforms 7/12/19 #409677		Check Date:	07/23/2019
	592-172-758.000	7/12/19	84.35
GIARMARCO, MULLINS & HORTON, PC.		Invoice Amount:	\$3,828.38
Labor Atty. Services (John C. Clark) - June 2019 (Check Date:	07/23/2019
	101-290-828.000	Labor Atty Services (John Clark) #11	3,828.38
OBSERVER & ECCENTRIC NEWSPAPERS		Invoice Amount:	\$43.44
Inv. 0002245733 2/20/19 Police Auction Ad		Check Date:	07/23/2019
	101-305-727.000	Canton Observer 1/24/19	21.72
	101-305-727.000	Plymouth Observer 1/24/19	21.72
OFFICE DEPOT		Invoice Amount:	\$93.80
Inv. 334412031001 6/26/19 - Office Supplies for		Check Date:	07/23/2019
	101-305-727.000	Notebooks for Police Officers	93.80
OFFICE DEPOT		Invoice Amount:	\$39.86
Inv. 328673410001 6/12/19 - Office Supplies for		Check Date:	07/23/2019
	101-305-727.000	DVD-R for Records	33.22
	101-305-727.000	Binder Clip	6.64
OFFICE DEPOT		Invoice Amount:	\$70.83
Inv. 328672357001 6/13/19 - Office Supplies for		Check Date:	07/23/2019
	101-325-727.000	Wastebasket	9.12
	101-325-727.000	Swiffer Duster Refill	36.72
	101-305-727.000	CD Envelopes	24.99
OFFICE DEPOT		Invoice Amount:	\$585.98
Office Supplies		Check Date:	07/23/2019
	101-253-727.000	Staples Package of 5	17.26
	101-253-727.000	HP 80A Toner Cartridges	194.40
	101-253-727.000	HP 10A Toner Cartridges	305.82

Charter Township of Plymouth

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INVOICE INFORMATION

	101-253-727.000	Counter Pen Refills	2.14
	101-253-727.000	Counter Pen	1.29
	101-253-727.000	Envelope Moistener	2.22
	101-253-727.000	Storage Boxes pack of 12	61.43
	101-253-727.000	Pens	1.42
OFFICE DEPOT		Invoice Amount:	\$416.63
Paper, staplers		Check Date:	07/23/2019
	101-215-727.000	Black Staplers	11.73
	101-215-727.000	Letter-size paper	404.90
OFFICE DEPOT		Invoice Amount:	\$572.21
Inv. 330995859001 6/18/19 - Office Supplies for		Check Date:	07/23/2019
	101-305-727.000	HP Toner CE255A	230.06
	101-325-727.000	HP Toner Laserjet 26A	180.74
	101-305-727.000	Toner HP 81A	161.41
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$6,617.50
Lake Pointe SAD Preliminary		Check Date:	07/23/2019
	805-805-970.380	Lake Pointe SAD Preliminary	6,617.50
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$2,360.25
Litchfield Dr Subdivision SAD Design & Bidding		Check Date:	07/23/2019
	805-805-970.310	Litchfield Dr Subdivision SAD Design & B	2,360.25
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$1,123.50
Andover Lakes SAD Preliminary		Check Date:	07/23/2019
	805-805-970.370	Andover Lakes SAD Preliminary	1,123.50
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$990.00
Plymouth Commons SAD Inspections		Check Date:	07/23/2019
	805-805-970.300	Plymouth Commons SAD Inspections	990.00
ORCHARD, HILTZ, & MCCLIMENT, INC.		Invoice Amount:	\$833.50
Colony Farms SAD		Check Date:	07/23/2019
	805-805-970.390	Colony Farms SAD	833.50
PHILLIPS PRO SYSTEMS, LLC		Invoice Amount:	\$265.56
Service Call on 04/02/19 - dim projecto		Check Date:	07/23/2019
	101-215-818.000	Service Call 04/02/19	265.56
PITNEY BOWES		Invoice Amount:	\$645.96
Red Ink Cartridges		Check Date:	07/23/2019
	101-215-727.000	Red Ink Cartridges	645.96
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$2,728.02
Senior Transportation - June 2019		Check Date:	07/23/2019
	101-955-885.000	June 2019 - Senior Trans. Exp.	2,728.02
CHARTER TWSP OF PLYMOUTH		Invoice Amount:	\$6,916.43
Comerica Bank-Credit Card Charges-June 2019		Check Date:	07/23/2019
	101-325-727.000	Brothers-Etsy-Stamp for Library	25.86
	101-325-851.000	Brothers-Duke's-Faucet parts dispatch	58.24
	101-305-851.000	Brothers-Ace-Canopy/Tent	120.32
	101-325-727.000	Brothers-Amazon-White Board (Dispatch)'	68.95
	592-172-960.000	Fellrath-AWWA M77 Water Main Standards	141.51
	101-336-776.000	Fox-HD-Light Bulbs Station 3	279.91
	101-336-863.000	Fox-HD-125 Volt plug	17.97

Charter Township of Plymouth

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101-336-979.000	Gross-HD-Tools for Assembly of R2	29.97
101-336-979.000	Grossw-HD-Supplies for R2	122.50
101-336-776.000	Gross-Coffee Machine Parts	25.54
101-265-776.000	Haack-Kroger-Supplies Twp. Hall	16.89
101-265-776.000	Haack-SamsClub-TV for Bldg. Dept	379.91
101-305-776.000	Haack-Carousel Carpet Clean-Police	330.00
101-265-858.000	Haack-Carousel Carpet Clean-Friendship	130.00
101-265-776.000	Hqaack-Batteries - Twp. Hall	19.23
592-172-776.000	Hamann-HD-Supplies, parts, etc	104.14
101-215-813.000	Heise-HR job posting MICPA-Fin. Dir.	350.00
101-955-885.000	Heise-Constasnt Contact monthly fee	70.00
101-171-960.000	Heise-Zak's Catering-CWW hosting event	284.70
101-201-960.000	Janks-Hotel Deposit-Conference Reservati	142.50
101-305-851.000	Kudra-HD-Firring Strips	39.60
101-265-858.000	Lewis-Ply. Rock-Friendship St. Mulch	200.36
101-265-858.000	Lewis-HD-Friendship Landscaping	37.94
101-265-858.000	Lewis-Eng. Gardens-Friendship Landscapin	1,238.78
101-265-858.000	IEWIS-Eng. Gardents-Friendship :Landscap	44.98
101-265-858.000	Lewis-HD-hose & equip for Friendship gar	103.62
101-371-978.000	Lewis-Amazon-Wall Bracket for Bluep. TV	37.10
101-336-979.000	Mack-HD-Items for new E-1	203.24
101-336-979.000	Mack-HD-items for new E-1	230.99
101-336-978.000	Mack-Amazon-Refrigerator for E-1	141.17
101-336-851.000	Mack-Amazon-Battery for E-1	463.60
101-336-979.000	Mack-Amazon-Glove box holder for E-1	49.77
101-336-979.000	Mack-Amazon-cup holders for E-1	17.98
101-336-979.000	Mack-HD-items for mounting gas line E1	101.10
101-336-979.000	Mack-HD-mounting gas line station	126.69
101-336-979.000	Mack-HD-CREDIT	(19.98)
101-336-979.000	Mack-KE Electric-E-1 supplies	26.65
101-305-960.000	Tiderington-MACP Conference	310.00
101-305-960.000	Tiderington-MACP Lodging & Meals	462.35
101-305-727.000	Tiderington-GoWireless-new phone	115.25
101-265-776.000	Vorva-Sherwin Williams-Paint	32.20
101-336-960.000	Phillips - Offsets CREDIT from May	237.51
101-371-960.000	Lewis-Misc Credit	(2.61)

PLYMOUTH-CANTON COMMUNITY SCHOOLS

JUNE FUEL INVIICE

101-371-863.000 INVOICE 002911

Invoice Amount: **\$327.77**
Check Date: **07/23/2019**
327.77

PLYMOUTH-CANTON COMMUNITY SCHOOLS

Inv. 002911 6/30/19 - June Fuel

101-305-863.000 Patrol Vehicles
101-325-963.000 PSA Vehicle

Invoice Amount: **\$3,342.38**
Check Date: **07/23/2019**
3,282.71
59.67

AIRGAS USA, LLC

Oxygen

101-336-836.000 Oxygen

Invoice Amount: **\$342.87**
Check Date: **07/23/2019**
342.87

RELIABLE LANDSCAPING INC.

Restorations

592-291-932.000 9 YARDS OF TOPSOIL

Invoice Amount: **\$189.00**
Check Date: **07/23/2019**
189.00

SCHOOLCRAFT COLLEGE

Inv. 00000692 - Sponsor #0544339 6/17/19 -

101-305-960.000 Chalmers, Champagne, McParland & Nicely

Invoice Amount: **\$200.00**
Check Date: **07/23/2019**
200.00

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VENDOR INFORMATION		INVOICE INFORMATION	
SEHI COMPUTER PRODUCTS		Invoice Amount:	\$1,466.19
Toner Cartridges for SG (color), DL	& MAT (Check Date:	07/23/2019
	101-215-727.000	HP 508X Black Toner Cartridge	335.90
	101-215-727.000	HP 508X Cyan Toner Cartridge	232.50
	101-215-727.000	HP 508X Yellow Toner Cartridge	232.50
	101-215-727.000	HP 508X Magenta Toner Cartridge	232.50
	101-215-727.000	HP 37X Black Toner Cartridge	255.28
	101-215-727.000	HP 55X Black Toner Cartridge	177.51
SERENE LANDSCAPE GROUP		Invoice Amount:	\$1,120.00
SHRUB PRUNING, WEEDING		Check Date:	07/23/2019
	101-265-776.000	INVOICE 44443	1,120.00
SIGNATURE FORD, L-M		Invoice Amount:	\$37,299.00
2019 Ford Expedition 4x4 SSV Ford Fleet #QH335		Check Date:	07/23/2019
	265-300-978.000	2019 Ford Expedition U1G/102A	35,727.00
	266-300-978.000	Heavy Duty Trailer Tow Pkg. Option 536	1,570.00
	266-300-978.000	Reverse Sensing System	1.00
	266-300-978.000	Blue Metallic	1.00
SITE ONE LANDSCAPE SUPPLY		Invoice Amount:	\$106.25
GRASS SEED FOR RESTORATIONS 6/24/19 #924		Check Date:	07/23/2019
	592-291-932.000	LESCO SUN&SHADE PARK SEED MIX 50LB	106.25
SITE ONE LANDSCAPE SUPPLY		Invoice Amount:	\$212.49
GRASS SEED #92552652-001		Check Date:	07/23/2019
	592-291-932.000	DPW RESTORATIONS	106.25
	101-691-931.000	RAIN GARDEN TWP PARK	106.24
SITE ONE LANDSCAPE SUPPLY		Invoice Amount:	\$55.03
Irrigation Repair items for ballfields at Twp. Park -		Check Date:	07/23/2019
	101-691-931.000	Repair for Irrigation at ballfields	55.03
SURE-FIT LAUNDRY CO.		Invoice Amount:	\$49.50
Inv. 418115 6/27/18 Prisoner Blanket Cleaning		Check Date:	07/23/2019
	101-325-851.000	Blanket Cleaning	49.50
SURE-FIT LAUNDRY CO.		Invoice Amount:	\$49.50
Inv. 417868 6/20/18 Prisoner Blanket Cleaning		Check Date:	07/23/2019
	101-325-851.000	Blanket Cleaning	49.50
STRYKER SALES CORPORATION		Invoice Amount:	\$174.52
Laryngoscope batteries		Check Date:	07/23/2019
	101-336-836.000	Laryngoscope batteries	174.52
TalkPoint Technologies, Inc		Invoice Amount:	\$283.85
Inv. 0014328 6/5/19 New Headsets for Police Ser		Check Date:	07/23/2019
	101-325-851.000	Plantronics HW510N Encore Pro	158.00
	101-325-851.000	Plantronics H81N CD TriStar Headset	99.00
	101-325-851.000	Foam Ear Cushions	3.95
	101-325-851.000	Letherette Ear Cushions	7.95
	101-325-851.000	Shipping & Handling	14.95
THYSSENKRUPP ELEVATOR CORPORATION		Invoice Amount:	\$3,061.61
FULL MAINTENANCE ELEVATOR SERVICE, YEARLY		Check Date:	07/23/2019
	101-265-818.000	CONTRACTUAL SERVICES	3,061.61

Charter Township of Plymouth

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THYSSENKRUPP ELEVATOR CORPORATION		Invoice Amount:	\$(380.00)
3% DISCOUNT CREDIT FOR PAYING 2018 PAYME		Check Date:	07/23/2019
101-265-818.000	CONTRACTUAL SERVICES		(380.00)
USA BLUEBOOK		Invoice Amount:	\$246.34
Marking Equipmen t#939031 7/1/19		Check Date:	07/23/2019
592-291-935.000	Flag 21' Wire Staff (Blue)		79.20
592-291-935.000	blue case inverted paint		113.90
592-291-935.000	tax		13.94
592-291-935.000	freight		39.30
VAN BUREN ELECTRIC		Invoice Amount:	\$824.00
Sta#2 Electrical Repairs		Check Date:	07/23/2019
101-336-776.000	Sta#2 Electrical Work		824.00
WCA ASSESSING		Invoice Amount:	\$1,334.76
WCA Assessing -June 2019 Special Billing - Contra		Check Date:	07/23/2019
101-209-818.000	June 2019 Special Billing - Appraisal		1,334.76
WINDER POLICE EQUIPMENT		Invoice Amount:	\$106.00
Inv. 20190201 1/29/19 Work Performed on Patrol		Check Date:	07/23/2019
101-305-863.000	Momentary Rocket		11.00
101-305-863.000	Labor Charges		90.00
101-305-863.000	Misc. Wire, connectors, etc.		5.00
WINDER POLICE EQUIPMENT		Invoice Amount:	\$2,407.68
Inv. 191477 7/1/19 Equipment Install Unit 19-1		Check Date:	07/23/2019
101-305-863.000	Legacy 48" Lightbar		2,407.68
City of Farmington Hills		Invoice Amount:	\$300.00
Inv. NAAA 19-51 1-17-19 Michigan Active Assailan		Check Date:	07/23/2019
101-305-960.000	A.C. Brothers and Lt. Kudra 4/25 & 4/26		300.00
City of Farmington Hills		Invoice Amount:	\$150.00
Inv. NAAAC 19-61 1/22/19 Michigan Active Assai		Check Date:	07/23/2019
101-305-960.000	Sergeant Ryan Krebs 4/25 & 4/26		150.00
ZEP MANUFACTURING CO		Invoice Amount:	\$474.17
vehicle cleaner		Check Date:	07/23/2019
101-336-863.000	Vehicle cleaner and sprayers		474.17
HOME DEPOT USA INC		Invoice Amount:	\$80.00
REFUND PB-19 0478 PERMIT		Check Date:	07/23/2019
101-371-965.000	REFUND PB19 0478		80.00
Total Amount to be Disbursed:			\$258,294.18

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019

ITEM E
PUBLIC COMMENTS AND QUESTIONS

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

NEW BUSINESS

**ITEM F.1
WTUA ANNUAL BUDGET
RESOLUTION # 2019-07-23-69**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 23, 2019

ITEM: Presentation and Resolution to approve Western Townships Utilities Authority (WTUA) Budget for 2019-20, Resolution #2019-07-23-69

PRESENTER: Aaron Sprague, WTUA Executive Director

BACKGROUND:

Aaron Sprague, Executive Director for WTUA, will be making his annual budget presentation to the Board of Trustees on July 23. The budget needs to be approved by Plymouth, Canton and Northville Townships. The budget draft has been reviewed without objection by the WTUA Board of Directors, comprised of the Supervisors of the three townships. Aaron has also provided us with a Resolution to adopt the budget.

PROPOSED MOTION: I move that the Board of Trustees adopt **Resolution #2019-07-23-69** authorizing the 2019-20 WTUA Budget per the recommendations of the WTUA Executive Director.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**RESOLUTION TO APPROVE THE WESTERN TOWNSHIPS UTILITIES
AUTHORITY (WTUA) PROPOSED ANNUAL BUDGET DOCUMENT FOR THE
FISCAL YEAR ENDING SEPTEMBER 30, 2020**

RESOLUTION #2019-07-23-69

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall located at 9955 N Haggerty Road, Plymouth, Michigan on July 23, 2019, the following resolution was offered:

WHEREAS, the Western Townships Utilities Authority has prepared a proposed budget for the fiscal year ending September 30, 2020. This budget was reviewed and approved internally for WTUA by the Finance Committee and the Board of Commissioners, and,

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

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth, by way of this **Resolution #2019-07-23-69** does hereby approve this resolution authorizing the approval of the WTUA Annual Budget for fiscal year ending September 30, 2020 in the amounts presented.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

Western Townships Utilities Authority

SERVING THE CHARTER TOWNSHIPS OF CANTON, NORTHVILLE AND PLYMOUTH

ANNUAL BUDGET

YEAR ENDING SEPTEMBER 30, 2020

**VERSION 1 - FINANCE COMMITTEE REVIEW
BOARD STUDY SESSION
TOWNSHIP APPROVALS**

Prepared by:

Suzanne Reel, Accountant
Aaron Sprague, Director of Operations
Jack Polhill, OMI Project Manager

Reviewed by:

WTUA Finance Committee - July 11, 2019

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020

Audited 2016/2017 Actual	Audited 2017/2018 Actual	Approved 2018/2019 Budget	Amended 2018/2019 Budget	Current YTD 7/3/2019	Projected 2018/2019	Recommended 2019/2020 Budget	% Variance Over/Under 2018/2019 Budget	% Variance Over/Under 2018/2019 Projected
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OPERATIONS BUDGET

REVENUES

Township billings	\$ 14,411,554	\$ 8,901,185	\$ 11,736,279	\$ 11,736,279	\$ 7,170,797	\$ 10,966,197	\$ 11,234,471	(4.28%)	2.45%
Saw grant funds	163,555	-	-	-	-	-	-	0.00%	0.00%
Interest earnings & other revenue	793,169	37,811	-	-	1,050	-	-	0.00%	0.00%
Total Revenues	15,368,278	8,938,997	11,736,279	11,736,279	7,171,847	10,966,197	11,234,471	(4.28%)	2.45%

EXPENDITURES

Sewage treatment charges	\$ 12,317,450	\$ 5,881,571	\$ 8,446,400	\$ 8,446,400	\$ 5,410,705	\$ 7,676,318	\$ 7,971,970	(5.62%)	3.85%
Operations and maintenance	1,789,566	1,815,210	2,247,750	2,247,750	1,329,418	2,247,750	2,244,193	(0.16%)	(0.16%)
Administrative	494,435	530,166	599,975	599,975	392,521	599,975	614,425	2.41%	2.41%
YCUA capacity rental	515,371	479,913	442,154	442,154	442,154	442,154	403,883	(8.66%)	(8.66%)
Total Expenditures	15,116,822	8,706,860	11,736,279	11,736,279	7,574,799	10,966,197	11,234,471	(4.28%)	2.45%

NET OPERATING INCOME	\$ 251,456	\$ 232,116	\$ -	\$ -	\$ (402,951)	\$ -	\$ -		
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WORKING CAPITAL

Beginning balance	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890	\$ 278,890		
Reduction of GASB68 Liability	(251,456)	(232,116)	-	-	-	-	-		
Revenues less expenditures	232,116	232,116	-	-	(402,951)	-	-		
Ending balance	\$ 259,550	\$ 278,890	\$ 278,890	\$ 278,890	\$ (124,061)	\$ 278,890	\$ 278,890		

DEBT SERVICE BUDGET

REVENUES

Bond debt billings to townships	\$ 10,834,950	\$ 10,594,188	\$ 5,230,856	\$ 5,230,856	\$ 5,066,519	\$ 5,229,193	\$ 4,115,400		
Restricted earnings	1,893	1,299	-	-	1,663	1,663	-		
Total revenues	\$ 10,836,843	\$ 10,595,487	\$ 5,230,856	\$ 5,230,856	\$ 5,068,181	\$ 5,230,856	\$ 4,115,400		

EXPENDITURES

Principal payment - 2009 Issue	6,290,000	6,525,000	1,435,000	1,435,000	1,435,000	1,435,000	-		
Interest expense - 2009 Issue	455,100	131,768	12,556	12,556	12,556	12,556	-		
Principal payment - 2012 Issue	3,160,000	3,125,000	3,095,000	3,095,000	3,095,000	3,095,000	3,565,000		
Interest expense - 2012 Issue	929,850	812,400	688,300	688,300	623,963	688,300	550,400		
Total bond debt requirements	\$ 10,834,950	\$ 10,594,188	\$ 5,230,856	\$ 5,230,856	\$ 5,066,519	\$ 5,230,856	\$ 4,115,400		

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET
SUPPLEMENTAL INFORMATION
DETAIL WORKSHEETS

Sewage Treatment Charges
Operations & Maintenance Overview
Lower Rouge and Middle Rouge
Force Main, Collection System, Vehicle and Saw Grant Expenditures
Administrative
Administrative-Detail of Computer Expense
Analysis of Bond Debt Service
Additional Debt Service Information

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020

Audited 2016/2017 Actual	Audited 2017/2018 Actual	Approved 2018/2019 Budget	Amended 2018/2019 Budget	Current YTD 7/3/2019	Projected 2018/2019	Recommended 2019/2020 Budget
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SEWAGE TREATMENT CHARGES

Wayne County							
Sewage treatment charges	\$ 4,918,314	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fixed charges/excess flow	1,366,000	-	100,000	100,000	-	99,000	-
YCUA:							
Sewage treatment charges	5,800,081	7,232,550	7,979,281	7,979,281	5,490,937	7,552,301	7,604,851
Industrial pre-treatment charges	119,784	118,022	135,000	135,000	87,783	135,000	135,000
GASB 68 - UAAL pension (fixed)			232,119	232,119	174,087	232,119	232,119
Lookback	93,271	(1,469,002)	-	-	(342,102)	(342,102)	
Sewage Treatment Total	\$ 12,317,450	\$ 5,881,571	\$ 8,446,400	\$ 8,446,400	\$ 5,410,705	\$ 7,676,318	\$ 7,971,970

SEWAGE TREATMENT DETAIL CALCULATIONS

Treatment Agency	Estimated Flows (1,000 gallons)	Period (from/to)	Rate	Rate Change (%)	Projected Cost (\$)
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Wayne County

			Monthly rate		
Monthly charge-projected	-	Oct-17 - Jun-18	\$ -		\$ -
Monthly charge-projected	-	Jul-18 - Sept-18	\$ -		\$ -
Total flows Wayne County	-				Total treatment charges Wayne County

YCUA

			(per 1,000 gallons)		
Sewage treatment charges-projected rate	5,079,592	Oct-19 - Aug-20	1.384144	10.00%	7,030,887
Sewage treatment charges-projected rate	402,593	Sept-17	1.425668	3.00%	573,964
Total flows YCUA	5,482,185				Total treatment charges YCUA

Flows are based upon actual metered sewage flow

YCUA-IPP Charges

Canton Township	56,000
Northville Township	19,000
Plymouth Township	60,000
Total YCUA IPP Charges	135,000

UAAL for pension - fixed amount

232,119

Total YCUA 7,971,970

Total Sewage Treatment Charges \$ 7,971,970

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020

Audited 2016/2017 Actual	Audited 2017/2018 Actual	Approved 2018/2019 Budget	Amended 2018/2019 Budget	Current YTD 7/3/2019	Projected 2018/2019	Recommended 2019/2020 Budget	% Variance Over/(Under) 2018/2019 Budget	% Variance Over/(Under) 2018/2019 Projected
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OPERATIONS AND MAINTENANCE OVERVIEW

Lower Rouge	\$ 929,287	\$ 995,721	\$ 1,060,736	\$ 1,060,736	\$ 767,847	\$ 1,060,736	\$ 1,063,958	0.30%	0.30%
Middle Rouge	359,586	403,705	519,862	519,882	288,686	519,882	524,815	0.95%	0.95%
Force Main	57,193	58,949	83,816	83,816	52,624	83,816	85,460	1.96%	1.96%
Collection System	274,854	354,485	575,816	575,816	218,904	575,816	562,460	(2.32%)	(2.32%)
Vehicle	3,727	2,350	7,500	7,500	1,357	7,500	7,500	0.00%	0.00%
Sewer Grant expenditures	164,919	-	-	-	-	-	-	0.00%	0.00%
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Operation & Maintenance Total	\$ 1,789,566	\$ 1,815,210	\$ 2,247,750	\$ 2,247,750	\$ 1,329,418	\$ 2,247,750	\$ 2,244,193	(0.16%)	(0.16%)

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020

Audited 2016/2017 Actual	Audited 2017/2018 Actual	Approved 2018/2019 Budget	Amended 2018/2019 Budget	Current YTD 7/3/2019	Projected 2018/2019	Recommended 2019/2020 Budget	% Variance Over/(Under) 2018/2019 Budget	% Variance Over/(Under) 2018/2019 Projected
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LOWER ROUGE

O&M Contractor	\$ 258,346	\$ 266,095	\$ 274,080	\$ 274,080	\$ 228,064	\$ 274,080	\$ 282,302	3.00%	3.00%
Parts	19,655	19,509	15,000	15,000	20,343	20,000	15,000	0.00%	(25.00%)
Communications	2,112	2,354	2,500	2,500	1,416	2,500	2,500	0.00%	0.00%
Instrumentation Service	-	5,820	4,000	4,000	2,910	4,000	4,000	0.00%	0.00%
Alarm Monitoring	2,046	2,318	4,000	4,000	1,673	4,000	4,000	0.00%	0.00%
Prev/Predictive Maintenance	20,601	12,860	19,000	19,000	-	14,000	14,000	(26.32%)	0.00%
Inspections/Permits/Licenses	1,163	680	3,000	3,000	1,167	3,000	3,000	0.00%	0.00%
Janitorial	2,975	3,064	3,156	3,156	2,626	3,156	3,156	0.00%	0.00%
General Maintenance	7,107	1,399	4,000	4,000	1,015	4,000	4,000	0.00%	0.00%
Lawn Maintenance	2,969	2,718	4,000	4,000	1,236	4,000	4,000	0.00%	0.00%
Snow Removal	3,411	7,088	5,500	5,500	5,247	5,500	5,500	0.00%	0.00%
Landscape Maintenance	914	784	3,500	3,500	-	3,500	3,500	0.00%	0.00%
Flow Meter Maintenance	2,661	2,947	6,000	6,000	4,125	6,000	6,000	0.00%	0.00%
Electric	462,833	547,594	500,000	500,000	397,471	500,000	500,000	0.00%	0.00%
Natural Gas	13,228	18,559	20,000	20,000	18,011	20,000	20,000	0.00%	0.00%
Water/Sewer	71,922	68,207	75,000	75,000	45,671	75,000	75,000	0.00%	0.00%
Supplies and Tools	5,407	3,769	8,000	8,000	3,118	8,000	8,000	0.00%	0.00%
Fuel	-	-	10,000	10,000	-	10,000	10,000	0.00%	0.00%
Corrective Maintenance	51,936	29,953	100,000	100,000	33,753	100,000	100,000	0.00%	0.00%
Lower Rouge Total	\$ 929,287	\$ 995,721	\$ 1,060,736	\$ 1,060,736	\$ 767,847	\$ 1,060,736	\$ 1,063,958	0.30%	0.30%

Budget Includes a 3% increase effective 1/1/2020

Suzanne:
Switchgear cleaning for the NPS & SPS (rotate each year)

MIDDLE ROUGE

O&M Contractor	\$ 155,007	\$ 159,658	\$ 164,447	\$ 164,447	\$ 136,839	\$ 164,447	\$ 169,380	3.00%	3.00%
Parts	1,759	12,947	7,500	7,500	5,491	7,500	7,500	0.00%	0.00%
Communications	1,480	1,556	2,200	2,200	1,115	2,200	2,200	0.00%	0.00%
Instrumentation Service	-	5,820	4,000	4,000	2,910	4,000	4,000	0.00%	0.00%
Alarm Monitoring	1,552	2,415	2,000	2,000	1,282	2,000	2,000	0.00%	0.00%
Prev/Predictive Maintenance	318	9,351	12,000	12,000	152	12,000	12,000	0.00%	0.00%
Inspections/Permits/Licenses	1,177	2,718	4,000	4,000	1,692	4,000	4,000	0.00%	0.00%
Janitorial	4,462	4,596	4,735	4,735	3,939	4,735	4,735	0.00%	0.00%
General Maintenance	698	2,160	5,000	5,000	996	5,000	5,000	0.00%	0.00%
Lawn Maintenance	7,900	6,719	8,500	8,500	3,673	8,500	8,500	0.00%	0.00%
Snow Removal	3,631	7,756	6,000	6,000	5,574	6,000	6,000	0.00%	0.00%
Landscape Maintenance	1,264	1,332	4,000	4,000	1,980	4,000	4,000	0.00%	0.00%
Flow Meter Maintenance	18,836	19,443	16,500	16,500	15,300	16,500	16,500	0.00%	0.00%
Electric	133,152	130,835	175,000	175,000	91,451	175,000	175,000	0.00%	0.00%
Odor Control Chemicals	6,299	6,214	13,000	13,000	2,144	13,000	13,000	0.00%	0.00%
Natural Gas	8,589	9,568	18,000	18,000	8,913	18,000	18,000	0.00%	0.00%
Water/Sewer	9,374	8,407	15,000	15,000	4,784	15,000	15,000	0.00%	0.00%
Supplies and Tools	3,302	1,117	8,000	8,000	451	8,000	8,000	0.00%	0.00%
Corrective Maintenance	785	11,094	50,000	50,000	-	50,000	50,000	0.00%	0.00%
Middle Rouge Total	\$ 359,586	\$ 403,705	\$ 519,882	\$ 519,882	\$ 288,686	\$ 519,882	\$ 524,815	0.95%	0.95%

Trihedra maintenance \$2,910.

\$5000 for switchgear cleaning every third year, rotating with NPS & SPS

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020

Audited 2016/2017 Actual	Audited 2017/2018 Actual	Approved 2018/2019 Budget	Amended 2018/2019 Budget	Current YTD 7/3/2019	Projected 2018/2019	Recommended 2019/2020 Budget	% Variance Over/(Under) 2018/2019 Budget	% Variance Over/(Under) 2018/2019 Projected
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FORCE MAIN

O&M Contractor	\$ 51,669	\$ 53,219	\$ 54,816	\$ 54,816	\$ 45,613	\$ 54,816	\$ 56,460	3.00%	3.00%
Parts	4,938	4,816	6,000	6,000	4,767	6,000	6,000	0.00%	0.00%
Communications	586	638	1,000	1,000	477	1,000	1,000	0.00%	0.00%
Grounds Maintenance	-	-	500	500	-	500	500	0.00%	0.00%
Supplies and Tools	-	276	1,500	1,500	-	1,500	1,500	0.00%	0.00%
Corrective Maintenance	-	-	20,000	20,000	1,767	20,000	20,000	0.00%	0.00%
Force Main Total	\$ 57,193	\$ 58,949	\$ 83,816	\$ 83,816	\$ 52,624	\$ 83,816	\$ 85,460	1.96%	1.96%

COLLECTION SYSTEM

O&M Contractor	\$ 51,669	\$ 53,219	\$ 54,816	\$ 54,816	\$ 45,613	\$ 54,816	\$ 56,460	3.00%	3.00%
Infrastructure Maintenance	43,797	80,734	150,000	150,000	-	150,000	150,000	0.00%	0.00%
Parts	130	295	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Communications	4,277	3,467	4,000	4,000	3,222	4,000	4,000	0.00%	0.00%
Instrumentation Service	-	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Prev/Predictive Maintenance	1,719	1,857	2,000	2,000	-	2,000	2,000	0.00%	0.00%
Inspections	277	-	500	500	-	500	500	0.00%	0.00%
Building Maintenance	-	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Grounds Maintenance	-	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Flow Meter Maintenance	144,315	148,125	171,000	171,000	104,400	171,000	156,000	(8.77%)	(8.77%)
Miss Dig	3,721	3,458	4,500	4,500	4,401	4,500	4,500	0.00%	0.00%
Electric	8,966	9,503	12,000	12,000	6,308	12,000	12,000	0.00%	0.00%
Supplies and Tools	70	356	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Fuel	1,089	487	2,000	2,000	-	2,000	2,000	0.00%	0.00%
Equip Purchases/Flow Meters	4,200	9,360	50,000	50,000	26,648	50,000	50,000	0.00%	0.00%
Corrective Maintenance	10,623	43,624	120,000	120,000	28,313	120,000	120,000	0.00%	0.00%
Collection System Total	\$ 274,854	\$ 354,485	\$ 575,816	\$ 575,816	\$ 218,904	\$ 575,816	\$ 562,460	(2.32%)	(2.32%)

Estimate of sewer cleaning: 100k per Aaron. Saw Grant has ended so there is no offset. Going out for bids so cost may change

No longer servicing Acoustic meters

SCADA maintenance due to existing Wayne County system

VEHICLE

Parts	\$ 192	\$ 123	\$ 500	\$ 500	\$ -	\$ 500	\$ 500	0.00%	0.00%
Prev/Predictive Maintenance	94	-	1,000	1,000	-	1,000	1,000	0.00%	0.00%
Fuel	1,833	1,806	4,000	4,000	1,357	4,000	4,000	0.00%	0.00%
Corrective Maintenance	1,608	421	2,000	2,000	-	2,000	2,000	0.00%	0.00%
Vehicle Totals	\$ 3,727	\$ 2,350	\$ 7,500	\$ 7,500	\$ 1,357	\$ 7,500	\$ 7,500	0.00%	0.00%

SAW GRANT EXPENDITURES

Saw Grant Expenditure Total	\$ 164,919	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0.00%	0.00%
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WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020

Audited 2016/2017 Actual	Audited 2017/2018 Actual	Approved 2018/2019 Budget	Amended 2018/2019 Budget	Current YTD 7/3/2019	Projected 2018/2019	Recommended 2019/2020 Budget	% Variance Over/(Under) 2018/2019 Budget	% Variance Over/(Under) 2018/2019 Projected
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ADMINISTRATIVE

Salaries & Fringe Benefits

Director of Operations	\$ 95,679	\$ 104,888	\$ 109,903	\$ 109,903	\$ 79,703	\$ 109,903	\$ 113,547	3.32%	3.32%
Accountant	65,977	68,903	71,245	71,245	53,118	71,245	73,673	3.41%	3.41%
Administrative Assistant	52,478	53,801	55,677	55,677	41,511	55,677	57,575	3.41%	3.41%
Construction Management Observer	-	-	-	-	-	-	-	0.00%	0.00%
Overtime	-	-	-	-	-	-	-	0.00%	0.00%
Sick pay accrual	6,000	6,000	6,000	6,000	4,200	6,000	3,000	(50.00%)	(50.00%)
Temporary Services	-	-	3,000	3,000	-	3,000	3,000	0.00%	0.00%
FICA	16,390	17,426	18,200	18,200	13,347	18,200	18,800	3.30%	3.30%
Workers Comp Insurance	642	1,137	1,200	1,200	762	1,200	1,200	0.00%	0.00%
Health Insurance	41,737	40,251	40,000	40,000	36,460	40,000	40,000	0.00%	0.00%
Health Insurance Opt Out	-	-	-	-	-	-	-	0.00%	0.00%
Vision Plan	196	200	1,200	1,200	-	1,200	1,200	0.00%	0.00%
Dental Insurance	3,276	3,150	4,000	4,000	2,826	4,000	4,000	0.00%	0.00%
STD/LTD/Life Insurance	3,746	3,910	5,000	5,000	3,303	5,000	5,000	0.00%	0.00%
Education Expense	-	-	3,000	3,000	-	3,000	3,000	0.00%	0.00%
Pension Plan Expense	31,970	33,921	36,000	36,000	26,150	36,000	37,000	2.78%	2.78%
Subtotal	318,091	333,589	354,425	354,425	261,380	354,425	360,995	1.85%	1.85%

Reimbursable Expenses

Training/Conference	489	667	2,000	2,000	358	2,000	2,000	0.00%	0.00%
Travel/M Meal Reimbursement	43	-	500	500	-	500	500	0.00%	0.00%
Mileage Reimbursement	1,410	1,207	2,000	2,000	678	2,000	2,000	0.00%	0.00%
Subtotal	1,942	1,874	4,500	4,500	1,036	4,500	4,500	0.00%	0.00%

Office Expenses

Supplies	1,219	1,633	3,000	3,000	1,148	3,000	3,000	0.00%	0.00%
Computer	37,917	41,361	46,000	46,000	26,789	46,000	43,500	(5.43%)	(5.43%)
Equipment/Furniture	-	206	5,000	5,000	-	5,000	5,000	0.00%	0.00%
Printing/Copying	358	260	2,000	2,000	250	2,000	2,000	0.00%	0.00%
Postage	409	360	1,000	1,000	453	1,000	1,000	0.00%	0.00%
Telephone	4,154	4,146	5,000	5,000	2,844	5,000	5,000	0.00%	0.00%
Newspapers/Publications	529	438	2,000	2,000	760	2,000	2,000	0.00%	0.00%
Outside Services	1,316	1,044	2,000	2,000	696	2,000	2,000	0.00%	0.00%
Memberships/Dues	1,671	1,216	1,800	1,800	1,254	1,800	1,800	0.00%	0.00%
Miscellaneous	238	421	750	750	54	750	750	0.00%	0.00%
Subtotal	47,810	51,086	68,550	68,550	34,249	68,550	66,050	(3.65%)	(3.65%)

Outside Services

Legal-Consulting	44,046	51,323	75,000	75,000	42,325	75,000	85,000	13.33%	13.33%
Other Legal	-	-	10,000	10,000	-	10,000	10,000	0.00%	0.00%
Audit	15,400	15,910	16,500	16,500	16,390	16,500	16,880	2.30%	2.30%
Financial Consulting	5,950	1,275	10,000	10,000	1,300	10,000	10,000	0.00%	0.00%
Indirect Engineering Services	16,795	29,566	10,000	10,000	1,061	10,000	10,000	0.00%	0.00%
Bank & Bond Services	759	770	1,000	1,000	548	1,000	1,000	0.00%	0.00%
Insurance Services	43,643	44,794	50,000	50,000	34,233	50,000	50,000	0.00%	0.00%
Subtotal	126,593	143,638	172,500	172,500	95,857	172,500	182,880	6.02%	6.02%

Administrative Total

\$ 494,434	\$ 530,186	\$ 599,975	\$ 599,975	\$ 392,521	\$ 599,975	\$ 614,425	2.41%	2.41%
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Budget includes a 3% increase for staff effective for the first pay of 2018. Director's includes increase approved by Board

Budget is assuming no opt-outs

Wayne County termination & formation of new water authority

WESTERN TOWNSHIPS UTILITIES AUTHORITY
 PROPOSED ANNUAL BUDGET WORKSHEET
 OCTOBER 1, 2019 - SEPTEMBER 30, 2020

**ADMINISTRATIVE
 DETAIL OF COMPUTER EXPENSE**

<u>Contractors</u>	
Network Support	\$ 16,400
Email and website hosting	2,000
Internet services/static ip	2,500
<u>Support</u>	
Lucity (GBA) IMS Support	5,000
Fund Balance32 Support Package (Oct. 1 - Sept. 30)	600
ArcGIS Support	500
<u>Software</u>	
H2O Metrics	12,500
Virus protection/spam software	1,000
Microsoft office 365 annual fees	1,000
Miscellaneous software - new/upgrades	2,000
<hr/>	
Total	\$ 43,500

WESTERN TOWNSHIPS UTILITIES AUTHORITY
PROPOSED ANNUAL BUDGET WORKSHEET
OCTOBER 1, 2019 - SEPTEMBER 30, 2020

ANALYSIS OF DEBT SERVICE

Allocation to Townships of Debt Service Budget				
	Total	Canton Township	Northville Township	Plymouth Township
Principal payment - 2012 Bond Issue	3,565,000	1,203,187	1,074,848	1,286,965
Interest expense - 2012 Bond Issue	586,050	197,790	176,695	211,565
Allocation of Debt Service Budget	\$ 4,151,050	\$ 1,400,977	\$ 1,251,543	\$ 1,498,530

Allocation to Townships of Debt Service Payments - Cash Flow					
	Township Payment Dates to WTUA	Total Payment Due	Canton Township	Northville Township	Plymouth Township
2012 Bond Issue	12/1/2019	3,893,675	1,314,115	1,173,943	1,405,617
(C 33.75%, N 30.15%, P 36.10%)	6/1/2020	257,375	86,864	77,599	92,912
Allocation of Bond Debt Service Payments		\$ 4,151,050	\$ 1,400,979	\$ 1,251,542	\$ 1,498,529

Note: The difference between the budget and the payments is a result of the accrual method used for recognition of the interest expense for budgeting purposes in compliance with GASB 34.

**WESTERN TOWNSHIPS UTILITIES AUTHORITY
ADDITIONAL DEBT SERVICE INFORMATION**

Future Debt Service Payments - Cash Flow Requirements after FY 19-20

	Township Payment Dates to WTUA	Total Payment Due	Canton Township	Northville Township	Plymouth Township
2012 Bond Issue	12/1/2020	3,782,375	1,276,552	1,140,386	1,365,437
(C 33.75%, N 30.15%, P 36.10%)	6/1/2021	186,875	63,070	56,343	67,462
	12/1/2021	3,681,875	1,242,633	1,110,085	1,329,157
	6/1/2022	99,500	33,581	29,999	35,920
	12/1/2022	4,079,500	1,376,831	1,229,969	1,472,700

WTUA Asset Management & Capital Improvement Plan

WTUA Needs and Costs Analysis - Summary

Analysis Tools

Budget Category	Combined
Level of Service	Medium
Beginning Year of 20-yr Planning Period	2018

Interceptor Analysis Tools

Condition Rating Type	Maximum of Either
Risk Threshold	200

Level of Service Criteria

less than (0 min.)	2	High
in between these limits	—	Medium
greater than (10 max.)	5	Low

Shaded cells may be manipulated on this sheet to alter analysis.

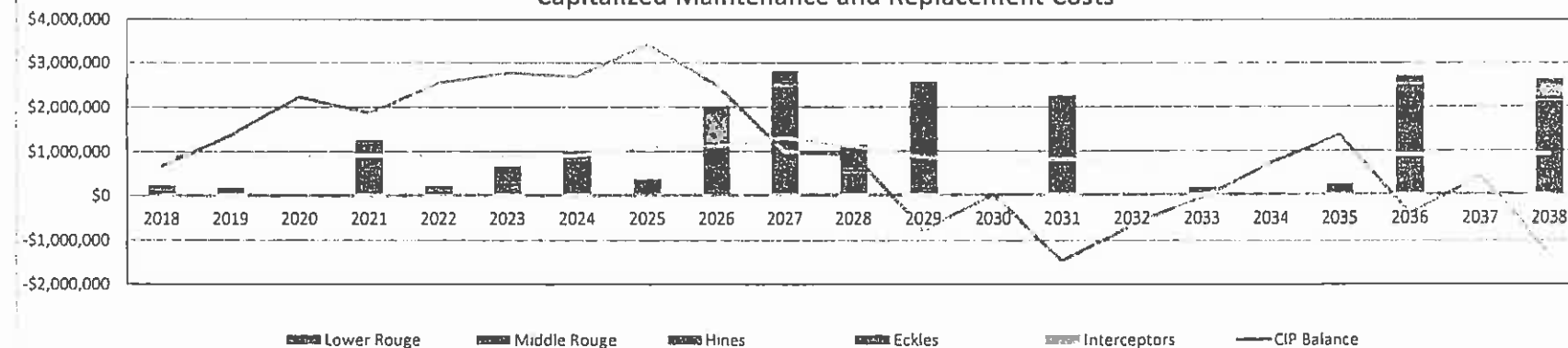
Spreadsheet password is: **wtuasaw**

The projected allocations for the first 10 years (2018-2027) are as follows:

Canton	37.32%
Northville	35.11%
Plymouth	27.57%

Lower Rouge PS	\$8,639,000
Middle Rouge PS	\$4,010,000
Hines PS	\$356,375
Eckles PS	\$448,875
Interceptors	\$7,208,200
Total	\$20,662,450

Capitalized Maintenance and Replacement Costs



WTUA Asset Management & Capital Improvement Plan

WTUA Needs and Costs Analysis - Funding Requirements

Shaded cells may be manipulated on this sheet to alter analysis.

CIP										
Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Estimated Budget	800,000	800,000	800,000	800,000	800,000	800,000	800,000	1,000,000	1,000,000	1,200,000
Planned Expenditures	-	-	-	-	-	-	-	-	-	-
Running Total	-	-	-	-	-	-	-	-	-	-
Allocation of CIP budget:										
Canton 37.32%	298,567	298,567	298,567	298,567	298,567	298,567	298,567	373,209	373,209	447,851
Northville 35.11%	280,877	280,877	280,877	280,877	280,877	280,877	280,877	351,096	351,096	421,316
Plymouth 27.57%	220,556	220,556	220,556	220,556	220,556	220,556	220,556	275,695	275,695	330,834
O&M **Will be billed through Operations & Maintenance budget. Allocations will vary and will be determined on a project basis										
Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Estimated Budget	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Planned Expenditures	-	-	-	-	-	-	-	-	-	-
Running Total	-	-	-	-	-	-	-	-	-	-
Combined										
Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Estimated Budget	900,000	900,000	900,000	900,000	900,000	900,000	900,000	1,100,000	1,100,000	1,300,000
Planned Expenditures	237,800	197,800	37,500	1,263,200	222,800	673,800	978,400	371,300	2,030,400	2,809,400
Running Total	662,200	1,364,400	2,226,900	1,863,700	2,540,900	2,767,100	2,688,700	3,417,400	2,487,000	977,600

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

NEW BUSINESS

**ITEM F.2
ROUGE VALLEY INTERCEPTOR
SYSTEM FINAL NEGOTIATED
TERMINATION AGREEMENT
RESOLUTION # 2019-07-23-70**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: **July 23, 2019**

ITEM: Termination Agreement with Wayne County for Withdraw from NHV/RV Sewer System, Resolution #2019-07-23-70

PRESENTERS: **Supervisor Heise**

BACKGROUND:

Attached is the final Termination Agreement with Wayne County regarding the Township's withdrawal from the North Huron Valley/Rouge Valley Sewer System. While the Township officially withdrew from the NHV/RV System in the summer of 2017, legal negotiations have continued since then to effectuate a final settlement; this also involved the engineering and financial considerations necessary to accomplish the "Swap" Agreement with Plymouth City which we agreed to a few months ago. Please see the attached memo from Charles Barbieri, Legal Counsel for WTUA, for more details. Aaron Sprague, Executive Director of WTUA, will also be on hand at our July 23 meeting to answer any additional questions you may have.

Please note this is a final settlement document that has been approved by attorneys for WTUA and the County and cannot be amended.

PROPOSED MOTION: I move to adopt **Resolution #2019-07-23-70** authorizing the Termination Agreement with Wayne County relating to the Township's withdrawal from the North Huron Valley/Rouge Valley Sewer Interceptor System and authorize the Supervisor and Clerk to sign on behalf of the Township.

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 TERMINATE THE AGREEMENT WITH WAYNE COUNTY FOR
WITHDRAWAL FROM NORTH HURON VALLEY/ROUGE VALLEY SEWER
SYSTEM**

RESOLUTION #2019-07-23-70

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall, located at 9955 N Haggerty Road, Plymouth, Michigan, on June 23, 2019, at 7:00 p.m.

WHEREAS, The Board of Trustees of the Charter Township of Plymouth have been working with Wayne County, the City of Plymouth and WTUA to come up with a final settlement regarding the engineering and financial considerations necessary to accomplish the "Swap" Agreement with the City of Plymouth, and,

WHEREAS, a final agreement has been presented to accomplish that objective, and,

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-07-23-70** authorizing the 16 page Termination Agreement with Wayne County (along with accompanying exhibits) relating to the Township's withdrawal from the North Huron Valley/Rouge Valley Sewer Interceptor System and to authorize the Township Supervisor and the Township Clerk to sign on behalf of the Township.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

MEMO

FOSTER SWIFT
FOSTER SWIFT COLLINS & SMITH PC || ATTORNEYS

ATTORNEY-CLIENT PRIVILEGE

TO: Kurt Heise
Aaron Sprague

FROM: Charles (Chuck) Barbieri

DATE: June 28, 2019

RE: Completed Negotiations of Termination Agreement with Wayne County for Sewer Service

The Western Townships Utilities Authority (WTUA) has completed negotiations formalizing the termination of any further sewer service through the Rouge Valley Inceptor System (RVIS) by Wayne County, which ceased on July 1, 2017, on behalf of WTUA and its members, Plymouth Township, Canton Township and Northville Township. You should recall that WTUA has acted as an agent for its three member townships for the use and orderly disposition of the capacity in RVIS since 1988 when WTUA entered into an arrangement for future sewer services by the Ypsilanti Community Utilities Authority (YCUA). WTUA approved the Termination Agreement on June 26, 2019 and now asks that each member township, including Plymouth Township, approve the Termination Agreement.

As negotiated, the Termination Agreement, in addition to acknowledging the previous termination of service, provides that WTUA will pay \$1,344,750 as the remaining debt balance reportedly owed by WTUA and its member townships to the County for RVIS corrective measures or other costs over the next 13 years, beginning with an initial payment of \$99,000 shortly after the execution of the agreement. Also, as part of the Termination Agreement, WTUA is agreeing to continue to provide sewer service to certain areas in the Cities of Northville and Plymouth in return for those Cities agreeing to continue to provide certain sewer service for specific areas in Northville, Plymouth and Canton Townships. For convenience, these small areas have been referred to as the swap areas. Although the formalized swaps do not change the technical responsibility of each community for the character of the sewer flow within that community, the understanding reached on the swap areas avoids costly and disruptive separation projects by these communities. The Termination Agreement also recites an agreement to assign 11 cubic feet per second (cfs) of capacity previously held by the WTUA communities in RVIS to the City of Plymouth, with the right for that City to request and obtain an additional 2 cfs of capacity if exercised before the end of 2019. The consideration paid by the City of Plymouth will allow WTUA to pay the remaining debt balance.

You may recall that Plymouth Township, Canton Township, WTUA and the City of Plymouth already have signed a separate agreement in anticipation of the Termination Agreement regarding the swap areas and the transfer of certain capacity to the City of Plymouth. Similarly, Northville Township, WTUA and the City of Northville have signed a separate agreement also in support of the Termination Agreement regarding the swap areas in Northville

Township and the City of Northville. In addition to these agreements, WTUA and Wayne County have negotiated a separate sharing agreement that provides for WTUA to transmit funds received from the City of Plymouth to Wayne County to retire the remaining debt balance to the County and, as necessary, to reimburse any amounts advanced by WTUA (e.g. the initial \$99,000 payment). The sharing agreement also provides that any excess amounts realized above and beyond the debt balance from the City of Plymouth's payments will be shared so that 92.5% goes toward the RVIS when paid to the County, with the remaining 7.5% share of any excess payments being retained by WTUA.

While not perfect and certainly delayed regrettably for far too long, this Termination Agreement deserves approval by Plymouth Township. This agreement, when executed along with the other related agreements by Wayne County, should provide finality in terms of this historical sewer service and any costs relating to that service. WTUA and its member townships will not face long term capital and operation and maintenance costs that are likely to be absorbed in the future by the RVIS or any successor system.

:LDH

14111:00047:4297232-1

SHARING AGREEMENT

This Sharing Agreement ("Agreement") is made effective this ____ day of _____, 2019, by and between the County of Wayne, a Michigan county corporation ("County"), and the Western Townships Utilities Authority, a municipal corporation ("WTUA").

RECITALS

WHEREAS, the County, WTUA and WTUA's member townships entered into a Termination Agreement ("Termination Agreement") memorializing the terms under which WTUA has terminated its relationship within and participation in the Rouge Valley Sewage Disposal System ("System");

WHEREAS, the County and WTUA have agreed as part of the Termination Agreement that WTUA will pay to the County the balance WTUA and its member townships owe as their share of SRF 5350-01 and SRF 5402-1 project costs ("Project Costs") incurred or to be incurred by the County, which after taking into account WTUA's 2017 payments totals \$1,344,750.00 as of the date of the Termination Agreement (the "Debt Balance");

WHEREAS, as part of the Termination Agreement, the County agreed that upon the satisfaction of certain conditions, it would approve the transfer of 11 cubic feet per second (cfs) of WTUA's maximum allowable flow limit in the System to the City of Plymouth, with an option for the City of Plymouth to request and receive an additional 2 cfs, if requested within one year of the execution of the relevant parties' transfer flow agreement;

WHEREAS, as part of the Sanitary Sewer Service Agreement By and Among City of Plymouth, Plymouth Township, Canton Township, Western Township Utilities Authority and County of Wayne, the County and WTUA have entered into a separate agreement with the City of Plymouth regarding the transfer of certain flows of WTUA's maximum allowable flow limit in the System and payments for those flows ("Transfer Flow Agreement"); and

WHEREAS WTUA will convey to the County any payments made by the City of Plymouth for the transfer of a portion of WTUA's maximum allowable flow limit in the System until the Debt Balance is paid in full, except WTUA shall be entitled to retain that portion of the City of Plymouth payments necessary to reimburse WTUA for (a) a one-time payment of \$99,000 within 30 days of execution of the Termination Agreement and (b) WTUA's advance of any funds in the event that the City of Plymouth fails to pay WTUA at least \$95,826.92 by January 31 in a future year as required by the Transfer Flow Agreement ("Reimbursement Retention");

WHEREAS, the Termination Agreement provides that any compensation that WTUA receives from the City of Plymouth in excess of the Debt Balance ("Excess Amount") after any

Reimbursement Retention by WTUA under the Termination Agreement will be shared according to a separate written agreement;

WHEREAS, in accordance with the Termination Agreement, the Parties now enter into this Agreement to reflect transfer of payments WTUA receives from the City of Plymouth to the County until the Debt Balance is paid in full and the agreed upon split of the Excess Amount so that the County receives 92.5% of the Excess Amount and WTUA retains 7.5% of that Excess Amount.

AGREEMENTS

THEREFORE, the Parties agree as follows:

1. Payments made to WTUA by the City of Plymouth pursuant to its Transfer Flow Agreement will be paid to the County within 60 days of their receipt, subject to any Reimbursement Retention by WTUA under the Termination Agreement. As provided in the Section 4 of the Termination Agreement after any Reimbursement Retention occurs, such payments shall first to be applied against WTUA's annual minimum payment under the Termination Agreement and then to the remaining Debt Balance.

2. WTUA's obligation to pay the Debt Balance pursuant to Section 4 of the Termination Agreement is not conditioned on receipt of the payments from the City of Plymouth pursuant to the Transfer Flow Agreement.

3. After the Debt Balance is satisfied by the payments made by WTUA pursuant to Section 1 of this Agreement or as otherwise required by Section 4 of the Transfer Agreement, then any Excess Amount paid by the City of Plymouth under the Transfer Flow Agreement above the Debt Balance shall be allocated so that WTUA shall pay 92.5% of such amounts to the County within 60 days of their receipt with the remaining 7.5% retained by WTUA.

4. The Parties shall make no amendment to this Agreement unless it expressly makes reference to this Agreement, is in writing, is signed and acknowledged by duly authorized representatives of all parties.

5. The Parties agree that all notices, payments and other communications shall be given in writing and mailed by First Class Mail except as otherwise agreed to in writing to the following:

If to the County:

Attn: Deputy Director
Wayne County Department of Public
Services/Environmental Services Group
400 Monroe, Suite 400 Detroit, MI 48226

If to WTUA:

Aaron Sprague
WTUA Director of Operations
4905 Joy Road
Canton, MI 48187
aaron@WTUA.org

6. This Agreement shall not be assigned in whole or in part without the prior written consent of the other Party, except that the County may assign this Agreement at its discretion to the GLWA or its successor or related entity with prior written notice to WTUA and the WTUA member townships.

7. This Agreement may be executed in counterparts, any of which shall be deemed to be an accurate representation of this Agreement, and all of which together shall be the Agreement.

8. The rights and benefits of this Agreement shall inure to the benefit of and be relied upon by the Parties and any agents, successors and assigns.

WAYNE COUNTY

Name: _____

Its: _____

WESTERN TOWNSHIPS UTILITY AUTHORITY

Name: _____

Its: _____

TERMINATION AGREEMENT

This Termination Agreement ("Agreement") is made effective this _____ day of _____, 2019, by and between the County of Wayne, a Michigan County Corporation (hereinafter referred to as the "County"), the Western Townships Utilities Authority ("WTUA"), Northville Township, Plymouth Township and Canton Township.

WITNESSETH

WHEREAS, 1957 PA 185 authorizes a county to acquire sewage disposal systems as defined within said act and to improve, enlarge, expand, and operate such systems; and

WHEREAS, pursuant to the provisions of 1957 PA 185, as amended, the County established the Rouge Valley Sewage Disposal System (hereinafter referred to as the "System") to provide interceptor sewers and other related facilities to provide Wastewater services for Wastewater from communities within the System service area and;

WHEREAS, the County and certain municipal customers, including Northville Township, Plymouth Township and Canton Township, entered into the Rouge Valley Sewage Disposal System Contract dated August 10, 1961, as amended, which provided for the construction, financing, operation, and maintenance of the System; and

WHEREAS, under the 1961 Agreement and subsequent agreements, the System's municipal customers, including Northville Township, Plymouth Township and Canton Township, conveyed Wastewater from their communities to the System; and

WHEREAS, under the 1961 Agreement, as amended, the System transported Wastewater from its municipal customers to the wastewater system owned by the City of Detroit and currently operated by the Great Lake Water Authority (GLWA) for transportation, treatment, and disposal; and

WHEREAS, the Township of Canton, the Township of Northville, and the Township of Plymouth have adopted resolutions creating WTUA to provide sewer services on behalf of the WTUA Communities and affirming that WTUA represents their interests in matters related to the System; and

WHEREAS, in 1986, Northville Township, Plymouth Township and Canton Township formed WTUA, and WTUA subsequently has operated the WTUA wastewater system which has conveyed certain Wastewater to the System for transport to the Detroit/GLWA system for treatment and disposal; and

WHEREAS, WTUA notified the County by correspondence dated February 1, 2017 that WTUA intended to cease conveying Wastewater to the System effective July 1, 2017 and from that date forward would transport and deliver Wastewater from the WTUA wastewater system to the wastewater system operated by the Ypsilanti Community Utilities Authority for treatment and disposal; and

WHEREAS, the County, WTUA, and the WTUA Member Townships have agreed to enter into this Agreement to memorialize the terms under which WTUA will terminate its relationship with and participation in the System; and

NOW THEREFORE, in consideration of the mutual covenants, benefits and other consideration set forth below, the receipt and sufficiency of which is hereby acknowledged by each of the Parties, the Parties hereby agree as follows:

Article 1. Definitions

1.01 The following words and expressions, or pronouns used in their stead, shall be construed as follows:

"Agreement" means each of the various provisions and parts of this document, including all attached Exhibits and any amendments thereto, as may be executed by the duly authorized representatives of the parties, and approved by the Parties.

"Capital Improvement" means any project that increases the capacity of the System or a System component, or which extends the useful life of the System or a System component.

"CFS" means a rate of Flow equal to cubic feet per second.

"City Flow Swap Areas" shall mean Areas 101 and 197 within the City of Plymouth as depicted on the attached Exhibit C and Areas 197 within the City of Northville as depicted on the Attached Exhibit B.

"City Swap Community" means as applicable the City of Plymouth, City of Northville or both.

"County" means the Charter County of Wayne.

"Customer" means each of the following: (i) the City of Northville, (ii) the City of Plymouth, and (iii) the Western Township Utilities Authority ("WTUA") on behalf of the Township of Canton, the Township of Northville, and the Township of Plymouth.

"Debt Balance" means the amount of \$1,344,750.00, which represents the total amount owed by each of the WTUA Member Townships with respect to SRF 5350-01 and SRF 5402-01 after taking into account the \$41,250.00 paid in five monthly payments of \$8,250 from August to December 2017.

"Direct Costs" means all expenses and costs incurred by or charged to the County for operating, maintaining, and financing the System other than Indirect Costs.

"Effective Date" means the date the last party executes this Agreement.

“Final Order of Abatement” or “FOA” means the 1988 Final Order of Abatement, Number 2117 (ACO-SW06-010), as amended, entered into by the County and the MDEQ for improvements to the System to allow the System to transport Wastewater in compliance with the MDEQ’s Sanitary Sewer Overflow Policy.

“Flow” means Wastewater that is delivered to the System or the YCUA System.

“GPD” means a rate of Flow equal to gallons per day.

“GLWA” means the Great Lakes Water Authority, which leases and operates regional wastewater conveyance and treatment assets owned by the City of Detroit under a Regional Water Supply System Lease dated June 12, 2015.

“GLWA System” means all Wastewater sewers and facilities, equipment, and related appurtenances operated and maintained by the GLWA to provide transport, treatment, and disposal of Flow delivered by the System, including but not limited to interceptors, retention treatment basins, bypasses, outfalls, flow measurement devices, pump stations, and the wastewater treatment plant located at 9300 West Jefferson Avenue, Detroit, Michigan.

“Indirect Costs” means expenses charged to the System for services provided by the County other than the direct charges for operating, maintaining, and financing the System. Indirect Costs include charges for administrative, managerial and support staff within the County for employees whose work responsibilities are either not directly or fully related to operation and maintenance of the System. Indirect Costs include outside legal services retained to assist on litigation or other issues related to the System and corporation counsel charges.

“Industrial Pretreatment Program” or “IPP” means the program operated and enforced by the GLWA by which discharges from industrial users are regulated in accordance with the requirements of regulations established by U.S. Environmental Protection Agency pursuant to 40 CFR Part 403.

“Infiltration” means groundwater that regularly enters a sanitary system through, by way of example, damaged pipe sections, cracks or erosion in pipes, leaky joints, and/or poor manhole connections.

“Inflow” means the stormwater that enters a sanitary sewer system in direct response to rainfall/snowmelt through, by way of example, direct connection of downspouts, sump pumps, foundation drains and/or storm sewers.

“Local Sewer System” means those Wastewater facilities that are connected to the System but which are owned, operated or maintained by WTUA or its Member Townships. Local Sewer Systems may include relief sewers, collector sewers, trunk sewers, manholes, junction chambers, pumping stations, wet weather storage facilities and other appurtenances.

"Long Term Corrective Action Plan" or "LTCAP" means the long term corrective action plan mandated by the FOA.

"LTCAP Costs" means the costs of constructing and installing the improvements and modifications to the System identified in the LTCAP.

"Maximum Allowable Flow Limit" or "MAFL" means the maximum allowable Flow that each customer of the System may deliver to the System. Maximum Allowable Flow Limits shall be expressed as a peak rate in units of CFS.

"MDEQ" means the Michigan Department of Environmental Quality or any successor agency having jurisdiction over regulation of Wastewater.

"Meter" means a Flow meter.

"Notices" means all notices, consents, approvals, requests and other communications required to be given under the terms of this Agreement.

"Sanitary Sewer" means a sewer that transports sanitary Wastewater and a limited amount of Infiltration and Inflow, but which does not convey combined sewage and/or storm water.

"Parties" means the County, WTUA, and each of the WTUA Townships.

"Remaining Customer" means the City of Romulus, Van Buren Township, City of Garden City, City of Wayne, City of Westland, City of Dearborn Heights, Redford Township, City of Inkster, City of Northville, City of Plymouth, City of Livonia, Wayne County Airport Authority, and City of Novi through the Oakland County Water Resources Commissioner.

"Services" means the transportation, treatment, and disposal of Flow by the County and the GLWA.

"Sewer Use Ordinance" or "SUO" means County Ordinance No. 2010-682 as may be amended, adopted by the County that establishes design standards for sewers and other terms and conditions for the discharge of Wastewater into the System.

"Significant Industrial Users" means those facilities that discharge to the System wastewater at Flow rates defined by GLWA (and/or County SUO), currently 25,000 GPD or more, that is generated by industrial processes and/or those facilities whose wastewater discharges are subject to the national categorical pretreatment standards. Significant Industrial Users must obtain a permit issued by the GLWA Industrial Pretreatment Program for wastewater discharges to the System.

"System" means the Rouge Valley Sewage Disposal System, including all Wastewater sewers and facilities, equipment, and related appurtenances owned, operated and maintained by the County to provide Services, including but not

limited to interceptors, regulators, siphons, pump stations, storage basins, Flow measurement devices, and rainfall measurement devices.

“System Costs” means all costs and expenses incurred in operating, maintaining, and financing the System which have been traditionally and appropriately charged pursuant to the 1961 Agreement and subsequent amendments. System Costs include, but are not limited to the following:

1. The Direct Costs and Indirect Costs of operating and maintaining the System and other reasonable and necessary costs and expenses relating to the System, including without limitation the costs of insurance;
2. All charges, costs, and fees associated with or arising from the County’s contract with Detroit and/or the GLWA for the transportation, treatment, and disposal of Flow from the System.
3. All costs necessary to upgrade, alter, modify, expand and improve the System to comply with all applicable federal and state laws, rules and regulations, including Capital Improvements and all costs associated with or arising from the County’s FOA and/or the design, installation, and construction of the LTCAP;
4. A fund in such amount as shall be determined by the County for the repair, replacement and improvements of the physical assets of the System;
5. Costs of defending and settling/satisfying claims and judgments against the County and/or the System related to the System; and
6. The cost of financing any System cost and expense, including costs of bonded indebtedness.

“Township Connection” means the point at the terminus of the Township’s Local Sewer System where the Township’s pipe connects to the System.

“Township Flow Swap Areas” means the following areas of the WTUA Townships:

1. Northville Township Flow from Areas 93 and 94, as depicted on Exhibit B;
2. Plymouth Township Flow from Areas 102 and 103, as depicted on Exhibit C; and
3. Canton Township Flow from Areas 194 and 195, as depicted on Exhibit C.

"Wastewater" means the combination of the liquid and water-carried wastes from residences, commercial buildings, governmental, nonprofit or quasi-public users, industrial plants, and Significant Industrial Users, including industrial wastewater, treated or untreated, which are contributed to or permitted to enter the System or YCUA System. Wastewater may also contain Inflow, Infiltration, and cooling water.

"WTUA" means the Western Townships Utilities Authority that provides sewer services on behalf of the Township of Canton, Township of Northville and Township of Plymouth.

"WTUA Service Area" means the geographic area of the WTUA Member Townships depicted in Exhibit A to this Agreement from which Flow has been delivered to the System by WTUA.

"WTUA System" means all Wastewater sewers and facilities, equipment, and related appurtenances operated and maintained by WTUA to provide transport of Flow.

"WTUA Member Townships" means Northville Township, Plymouth Township and Canton Township, collectively.

"YCUA" means the Ypsilanti Community Utilities Authority, which operates certain Wastewater conveyance and treatment assets and provides Wastewater conveyance, treatment and disposal services to its customers.

"YCUA System" means all Wastewater sewers and facilities, equipment, and related appurtenances operated and maintained by YCUA to provide transport, treatment, and disposal of Flow, including but not limited to the wastewater treatment plant located at 2777 State Road, Ypsilanti, Michigan.

Article 2.

Termination of Delivery of Flow and Flow Swap Areas

2.01 Termination of Delivery of all Flow from Within the WTUA Service Area. Except as provided in Section 2.02, below, or with the written consent of the County, as of the Effective Date of this Agreement, WTUA and the WTUA Member Townships have ceased delivering any Flow to the System and shall not deliver any Flow from the WTUA Member Townships to the System. WTUA shall confirm the absence of unauthorized Flow to the System by:

1. Maintaining the current means of physically separating the conveyance system from the System to prevent unauthorized Flow to the System and providing the County with documentation describing those measures prior to the Effective Date of this Agreement; and
2. Continuing to maintain and operate flow meter nos. FE19 and FE22, and Plymouth meters A, B, and C at the locations identified in Exhibit C and to

provide the following data and information about these meters to the County:

- a. For meter no. FE22 and Plymouth meters A, B, and C: Continued access to online data via H2OMetrics, or any subsequent online hosting service utilized by WTUA. Data to be provided includes depth, velocity and flow rate (raw and edited) collected at a data storage interval no less than hourly.
- b. For meter no. FE19: continued access to online data via H2OMetrics, or any subsequent online hosting service utilized by WTUA. Data to be provided includes edited flow rate collected at a 1-hour (or finer) data storage interval.
- c. If in the future WTUA discontinues online access to data for either FE 22 or FE 19, WTUA shall provide the data described in subsections 2.01.2.a and/or b, as applicable, to the County in an electronic format within 30 days from the end of the month; and
- d. Any available reports or summaries prepared in the ordinary course of business regarding for each meter, including any dye dilution testing and/or significant meter maintenance, repair, or replacement;

3. Such other methods mutually agreed upon by the Parties in writing.

2.02 Township Areas That Will Continue to Send Flow to the System. The System shall continue to accept Flow from the Township Flow Swap Areas, subject to the conditions set forth in Section 2.03.

2.03 Conditions for Continued Acceptance of Flow from Township Flow Swap Areas. The System's acceptance of Flow from the Township Flow Swap Areas is conditioned on the following:

1. Character of Flow. Each WTUA Member Township shall be responsible for the character of the Flow originating within its respective Township Flow Swap Area and shall not deliver Flow to the System that causes an unreasonable burden upon the System and/or the GLWA System, including Flow that a) causes physical damage to the System and/or the GLWA System; and/or b) causes or contributes to an event of non-compliance with the GLWA's National Pollutant Discharge Elimination System (NPDES) Permit.
2. Compliance with Applicable Rules and Regulations. Each WTUA Member Township shall with respect to its respective Township Flow Swap Area(s) comply with all rules and regulations applicable to sewer design, construction permits and allowable wastes.

3. Sewer Use Ordinance/Industrial Pretreatment Program. Each WTUA Member Township shall with respect to its respective Township Flow Swap Area(s), comply with the GLWA's NPDES Permit and IPP, the County SUO, together with any other federal, state or local rule, regulation or ordinance controlling the discharge of industrial and/or commercial type wastes into the System. Each WTUA Member Township agrees to cooperate with the GLWA's and/or the County's enforcement thereof. To the extent that the proper enforcement of either the GLWA's IPP or the SUO reasonably requires a WTUA Member Township to adopt any new or modified ordinance, rule, or regulation, the WTUA Member Township shall, upon notice, adopt the necessary ordinance, rule, or regulation after review and approval of the County, which approval shall not be unreasonably withheld. Nothing contained in this Agreement is intended to limit the County's right to enforce the SUO or to assess sanctions as set forth therein.
4. Local Sewer System Connections to the System. Each WTUA Member Township has arranged with the applicable City Swap Community to deliver all Flow from the Township Flow Swap Areas to the System at defined connection points as shown in Exhibits B and C and such other Connections in the future as approved by the County, which approval shall not be unreasonably withheld. Each Township or City Swap Community shall, at its expense, make, operate and maintain all Township Connections to the System, and secure written consent from the County for any new Township Connections, which consent shall not be unreasonably withheld. The relevant Township or City Swap Community shall obtain all necessary permits prior to initiating construction of any new Township Connections to the System.
5. Construction of New Sewer Facilities within the Flow Swap Areas. To the extent they affect the Flow being conveyed to the System, no new facilities for Sanitary Sewer overflow control, equalization basins, interceptors and relief sewers within any of the Flow Swap Areas shall be constructed without the written consent of the County, which consent shall not be unreasonably withheld. All new sewer facilities and sewers constructed within a Township Flow Swap Area shall conform to the standards adopted by the County including those which are set forth in the SUO.
6. Amendment of Township Ordinances. The WTUA Townships shall each pass and maintain ordinance amendments acceptable to the County as necessary to provide the County and GLWA with the requisite authority to enforce, to the extent applicable, the County's SUO and/or the GLWA's IPP within the Township Flow Swap Areas. After passage of such amendments, the WTUA Member Townships shall provide the County and/or the GLWA with written notice of any amendment to the ordinance provisions providing the authority required by this paragraph at least 30 days prior to the effective date of such amendments.

7. Flow Swap Agreements with Cities. Contemporaneously with the execution of this Agreement, the Townships, WTUA, the Cities of Plymouth and Northville, and/or the County shall enter into agreements regarding the City and Township Flow Swap Areas that are sufficient to accomplish the following to the reasonable satisfaction of the County with respect to the City and Township Flow Swap Areas:
 - a. Requires the City of Plymouth and City of Northville to pay the rates and charges assessed by the County, which shall be reasonable in relation to the System Costs incurred by the County for the provision of Services associated with the Flow from the Township Flow Swap Areas as authorized by 1957 PA 185, MCL 123.731, *et. seq.*
 - b. Confirms that the Maximum Allowable Flow Limits for the Cities of Plymouth and Northville are 15.8 CFS and 7.61 CFS respectively, subject to adjustment under Article 3, and that such limits shall include Flow from the Township Flow Swap Areas, and that these Cities shall be responsible for any exceedances of these Flow Limits, even if caused by Flow from the Township Flow Swap Areas.
 - c. Requires WTUA to transport and convey Flow from the City Flow Swap Areas to the YCUA System, prohibits Flow from the City Flow Swap Areas to be conveyed to the System, and establishes procedures and methodologies for confirming the absence of Flow from the City Flow Swap Areas to the System, including but not limited to physical separation, use of Meters and/or such other methods mutually agreed upon in writing by the City Swap Communities and the County.
 8. Flow Meter. Continuing to maintain and operate Flow meter no. FE22, at the location identified in Exhibit A and to provide data from and information about the meters to the County as follows:
 - a. Continued access to online data via H20Metrics, or any subsequent online hosting service utilized by WTUA. Data to be provided includes depth, velocity and edited flow rate collected at no less than hourly data storage interval.
 - b. Any available reports or summaries prepared in the ordinary course of business regarding any dye dilution testing and/or significant meter maintenance, repair, or replacement.
 - c. If in the future WTUA discontinues online access to data for this meter, WTUA shall provide the data described in subsection 8.a to the County in an electronic format within 30 days from the end of the month.
- 2.04 Part 41 Permits. Nothing in this Agreement shall limit the County's authority to review and approve/deny any application for any permit required under Part 41 of

Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, for the Township Flow Swap Areas or to enforce any permit issued under that Part for the Township Flow Swap Areas with regard to the System. The County shall have no responsibility or obligation with respect to previously issued Part 41 permits associated with Flow that will no longer be conveyed to the System.

Article 3. Transfer of WTUA Flow Limits

- 3.01 Transfer of WTUA Maximum Allowable Flow Limit to the City of Plymouth. Upon satisfaction of the conditions set forth in Section 3.02, the County shall approve the transfer of 11 cfs to the City of Plymouth of a portion of WTUA's Maximum Allowable Flow Limit, subject to the option of the City of Plymouth to request and receive the transfer of an additional 2 cfs of that Maximum Allowable Flow Limit, if requested under the separate transfer flow agreement;

WTUA cannot assign or sell any additional Maximum Allowable Flow Limit to any Remaining Customer or to any other entity or person. The remaining portion of WTUA's previously allocated Maximum Allowable Flow Limit belongs to the System and shall be re-allocated or reserved at the discretion of the County for the benefit of the System.

- 3.02 Conditions to Transfer. The above-described transfers of Maximum Allowable Flow Limit is conditioned on the satisfaction of the following conditions prior to the Effective Date of this Agreement (or waiver of the condition by the County in writing):

1. Compensation Sharing Agreement. WTUA and the County shall share any compensation WTUA receives for its transfer of Maximum Allowable Flow Limit to the City of Plymouth that, in total, exceeds the Debt Balance. WTUA and the County shall enter into a written agreement setting forth the compensation each will receive after the amount the City of Plymouth will pay for its transfer has been determined, but within 60 days of the execution of this Agreement.
2. No Prejudice. The County's approval of the transfers is without prejudice to any position the County may take with respect to allocation of the LTCAP Costs among the Remaining Customers.
3. Indemnification of County. WTUA and the WTUA Member Townships shall indemnify and hold harmless the County for and against liabilities, costs, damages, and expenses, including without limitation attorney and expert fees (collectively, "Liabilities"), arising from litigation challenging the County's approval of the transfers of Maximum Allowable Flow Limits under this Article and the corresponding increase in the City of Plymouth's Flow Limit, provided that the indemnity shall not extend to Liabilities that result from the County's conduct, the County's use of funds that are received as

its share of compensation as provided in Section 3.02.2 above, or the County's re-allocation or reservation of Capacity as provided in Section 3.01 above. WTUA further agrees to assume responsibility to defend the County with legal counsel reasonably acceptable to the County in connection with any litigation covered by this provision, provided notice is timely given to WTUA.

4. Transfer Flow Agreement. The transfer of Maximum Allowable Flow Limits shall be memorialized by a written agreement between WTUA, the applicable Townships, the County and the City of Plymouth, which requires the City of Plymouth to:
 - a. Acknowledge that the transfer is being approved as part of a settlement of disputed claims and is without prejudice to the County's positions with respect to:
 - i. The ownership of the System and the Maximum Allowable Flow Limit properly allocated to each Remaining Customer; or
 - ii. The continuing effect of the 1961 Agreement and its subsequent amendments.
 - b. Acknowledge that following transfer of a portion of WTUA's Maximum Allowable Flow Limit as contemplated by this Article 3, the Maximum Allowable Flow Limits for the City of Plymouth, as modified, shall include Flow from the Township Flow Swap Areas, and that the City shall be responsible for any exceedances of these Flow Limits, even if caused by Flow from the Township Flow Swap Areas.

Article 4. Payment of Debt Balance

4.01 WTUA's Payment of Debt Balance. WTUA shall pay to the County the Debt Balance as follows:

1. Within 30 days of the execution of this Agreement, WTUA shall make a one-time payment of \$99,000.00 to the County.
2. On or before March 31, 2020 and each anniversary thereafter, WTUA shall pay to the County an amount equal to the annual payment WTUA has received from the City of Plymouth under Paragraph 10 of the Sanitary Sewer Service Agreement By And Among City Of Plymouth, Plymouth Township, Canton Township, Western Townships Utilities Authority And County Of Wayne or \$95,826.92, whichever amount is greater, until the Debt Balance is paid in full. Notwithstanding the foregoing, WTUA shall be entitled to retain that portion of the City of Plymouth payments necessary to reimburse WTUA

for (a) the one-time payment of \$99,000 as set forth in Section 4.01.1 above, and (b) WTUA's advance of any funds in the event that the City of Plymouth fails to pay WTUA at least \$95,826.92 by January 31 in any future year as required by the above referenced Sanitary Sewer Service Agreement, as long as the minimum amount of \$95,826.92 is paid by WTUA to Wayne County by March 31 in any such year.

3. Payment shall be by check, except as otherwise mutually agreed by the Parties.

Article 5. Amendment

- 5.01 The Parties may from time to time consider it in their best interests to change, modify or extend a term, condition or covenant of this Agreement. Any such change, addition, deletion, extension or modification, which is mutually agreed upon by the Parties shall be incorporated in written amendments to this Agreement. Such amendments shall not invalidate this Agreement nor relieve nor release either party of any of its respective obligations under this Agreement unless so stated in the amendment. No waiver by any party of any default, misrepresentation, or breach of warranty or covenant hereunder, whether intentional or not, shall be deemed to extend to any prior or subsequent default, misrepresentation, or breach of warranty or covenant hereunder or affect in any way rights arising by virtue of any such prior or subsequent occurrence.
- 5.02 No amendment to this Agreement shall be effective and binding upon the Parties unless it expressly makes reference to this Agreement, is in writing, is signed and acknowledged by duly authorized representatives of all parties, and is approved by each of the Parties' respective legislative bodies, including the County Commission.

Article 6. Notices

- 6.01 Except as otherwise specified in this Agreement, all notices, consents, approvals, requests and other communications (collectively, "Notices") required or permitted under this Agreement shall be given in writing and mailed by first class mail, addressed as follows (unless and until written notice of a different addressee is provided):

<u>If to the County:</u> Attn: Deputy Director Wayne County Department of Public Services/Environmental Services Group 400 Monroe, Suite 400 Detroit, MI 48226	<u>If to WTUA or any Member Township:</u> Attn: Aaron Sprague WTUA Director of Operations 40905 Joy Road Canton, MI 48187
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- 6.02 All Notices shall be deemed given two business days after mailing. Any Notice given by a party hereunder must be signed by an authorized representative of such party.
- 6.03 Notwithstanding the requirement above as to the use of first-class mail, change of address Notices and termination Notices shall be sent by certified mail, postage prepaid, return receipt requested.

Article 7. Miscellaneous

- 7.01 Previous Lease Agreement. The County acknowledges the receipt and sufficiency of the August 12, 2011 Notice from WTUA to the effect that WTUA has assumed ownership of and jurisdiction over certain sewage disposal facilities pursuant to the February 6, 1990 Lease Agreement and the County has relinquished all rights to and responsibilities for said sewage disposal facilities to WTUA.
- 7.02 Enforceability. If any provision of this Agreement or its application to any person or circumstance shall to any extent be invalid or unenforceable, the remainder of this Agreement shall not be affected and shall remain valid and enforceable to the fullest extent permitted by law.
- 7.03 Integration. This Agreement contains the entire agreement between the Parties regarding WTUA's and the WTUA Member Townships' termination of their participation in the System. No Party has made any representations except those expressly set forth in this Agreement, and no rights or remedies are, or shall be, acquired by any Party by implication or otherwise unless expressly set forth in this Agreement.
- 7.04 Assignment. This Agreement shall not be assigned, in whole or in part, by WTUA or any WTUA Member Township without the prior written consent of the County. The County may assign this Agreement at its discretion to the GLWA or its successor or related entity with prior written notice to WTUA and the WTUA Member Townships.

- 7.05 Headings. The headings of the sections of this Agreement are for convenience only and shall not be used to construe or interpret the scope or intent of this Agreement or in any way affect the same.
- 7.06 Jurisdiction. The rights and remedies set forth in this Agreement are not exclusive and are in addition to any of the rights or remedies provided by law or equity. This Agreement and all actions arising under it shall be governed by, subject to, and construed according to the laws of the State of Michigan. Each Party agrees, consents and submits to the exclusive personal jurisdiction of any state or federal court of competent jurisdiction in Michigan, for any action arising out of this Agreement.
- 7.07 Execution of Agreement. This Agreement may be executed in any number of originals, any one of which shall be deemed an accurate representation of this Agreement.
- 7.08 Pending Litigation. It is hereby agreed that this Agreement is not intended in any way to affect the duties, rights and/or obligations of any Party in any pending litigation or appeal, nor shall this Agreement be construed against any Party in any pending litigation or appeal.
- 7.09 Agreement Beneficiaries. The rights and benefits under this Agreement shall inure to the benefit of and be binding upon the Parties, their agents, successors, and consented-to assigns.
- 7.10 Third Party Beneficiaries. There are no third party beneficiaries to this Agreement and this Agreement shall not be construed to benefit any persons other than the Parties.
- 7.11 Notification of Litigation and Settlements. Each Party agrees to inform the other Parties of litigation or settlement of claims involving the County's operation of the System or claims involving a WTUA Member Township's operation of its Local Sewer System tributary to the System.

In Witness Whereof, the County, WTUA, Northville Township, Plymouth Township and Canton Township, by and through their duly authorized officers and representatives, have executed this Agreement.

WAYNE COUNTY

Name:

Title:

WESTERN TOWNSHIPS UTILITIES AUTHORITY

Name:

Title:

PLYMOUTH TOWNSHIP

Name:

Title:

NORTHVILLE TOWNSHIP

Name:

Title:

CANTON TOWNSHIP

Name: _____

Title: _____

14111:00047:4307076-1

Exhibit A

WTUA Service Area

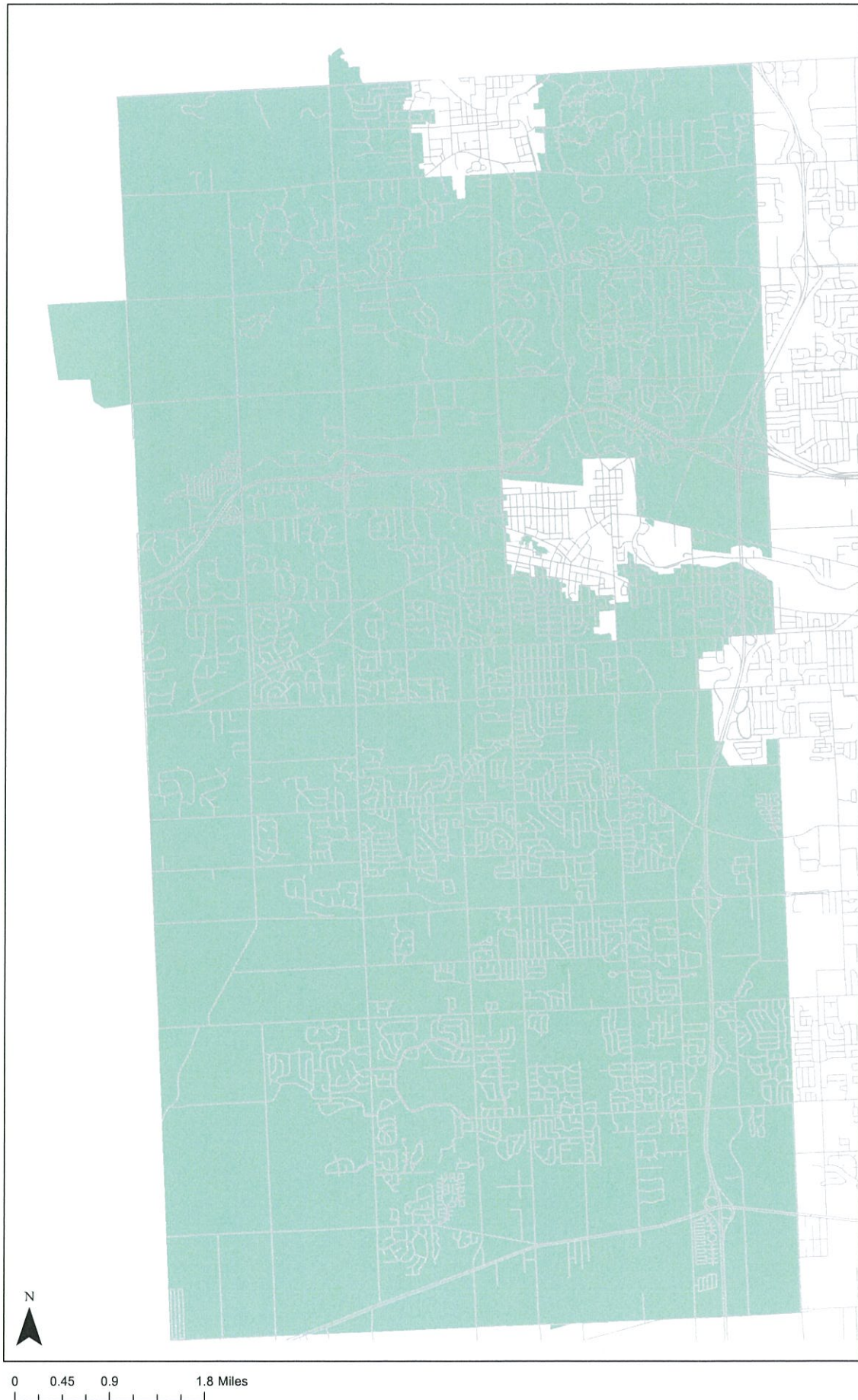
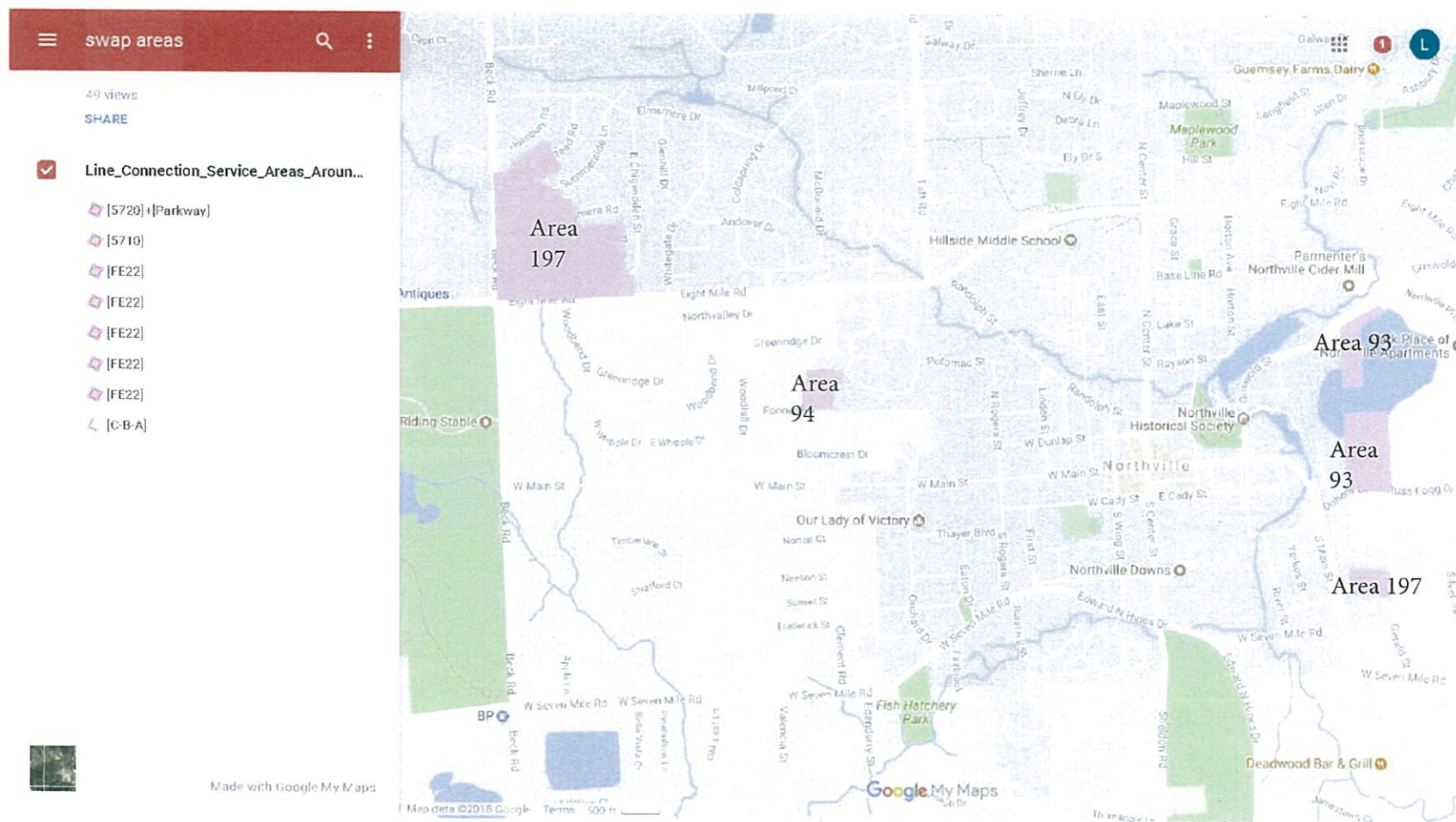


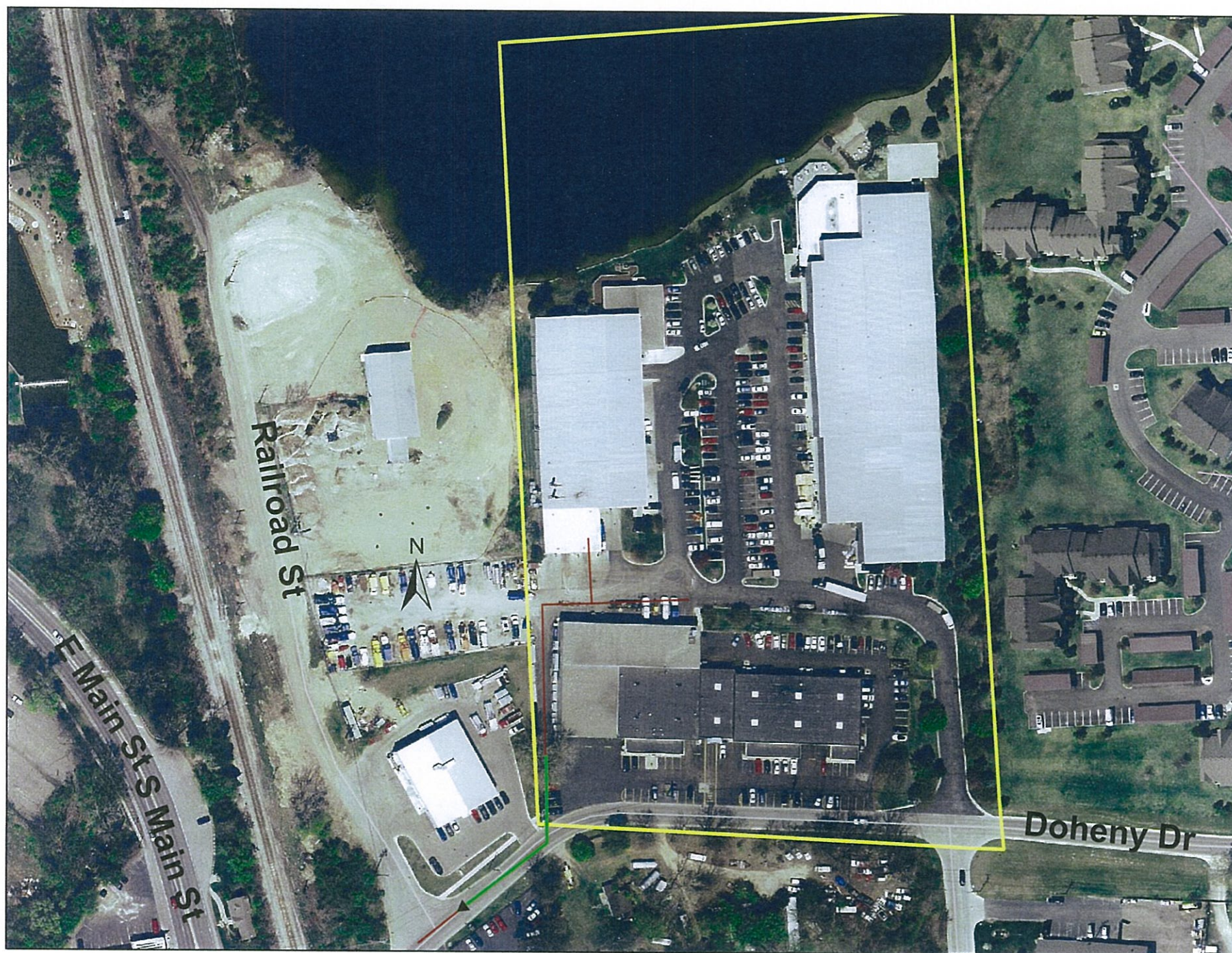
EXHIBIT B



0 50 100 200 Feet



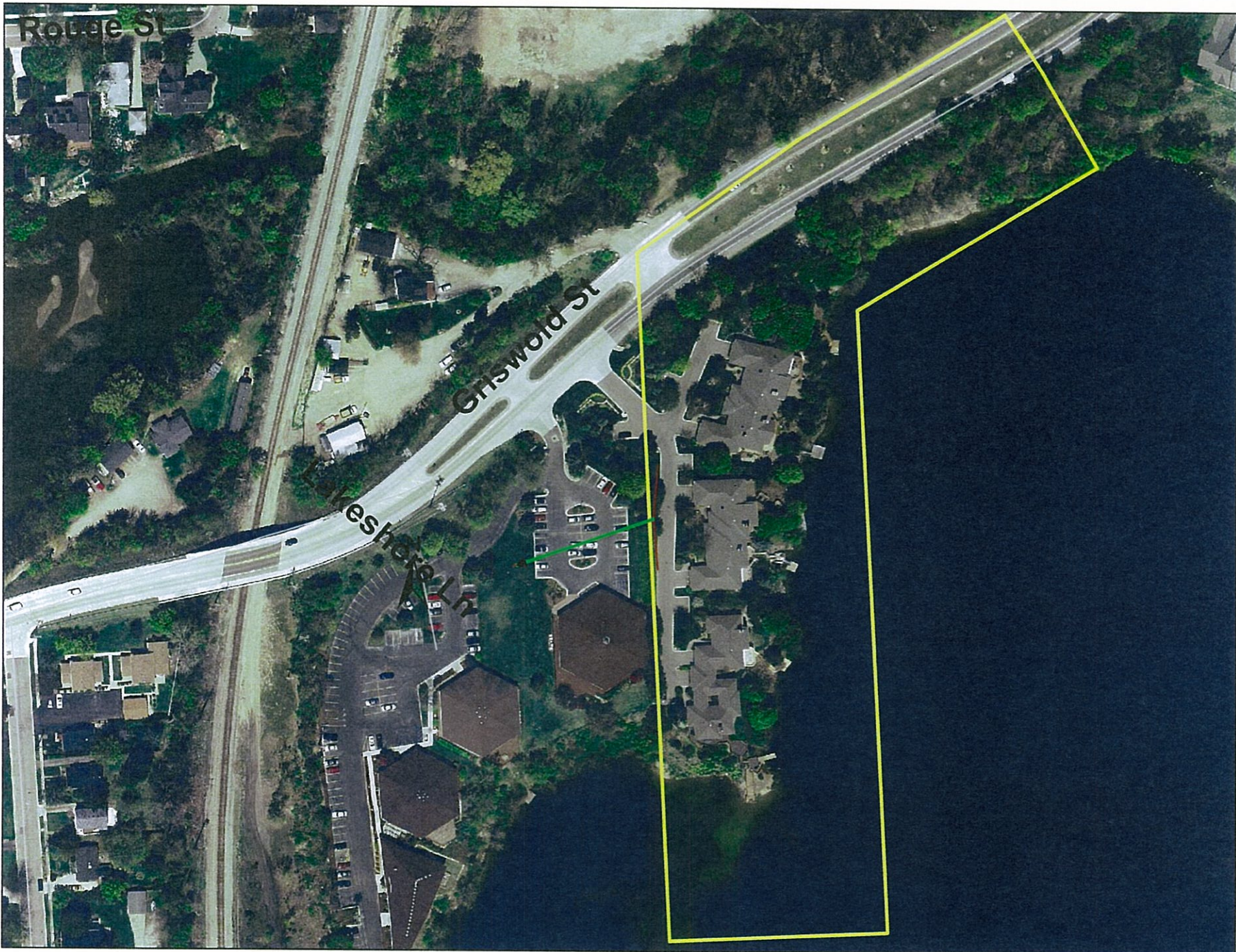
Connector



0 50 100 200 Feet



Connector
→



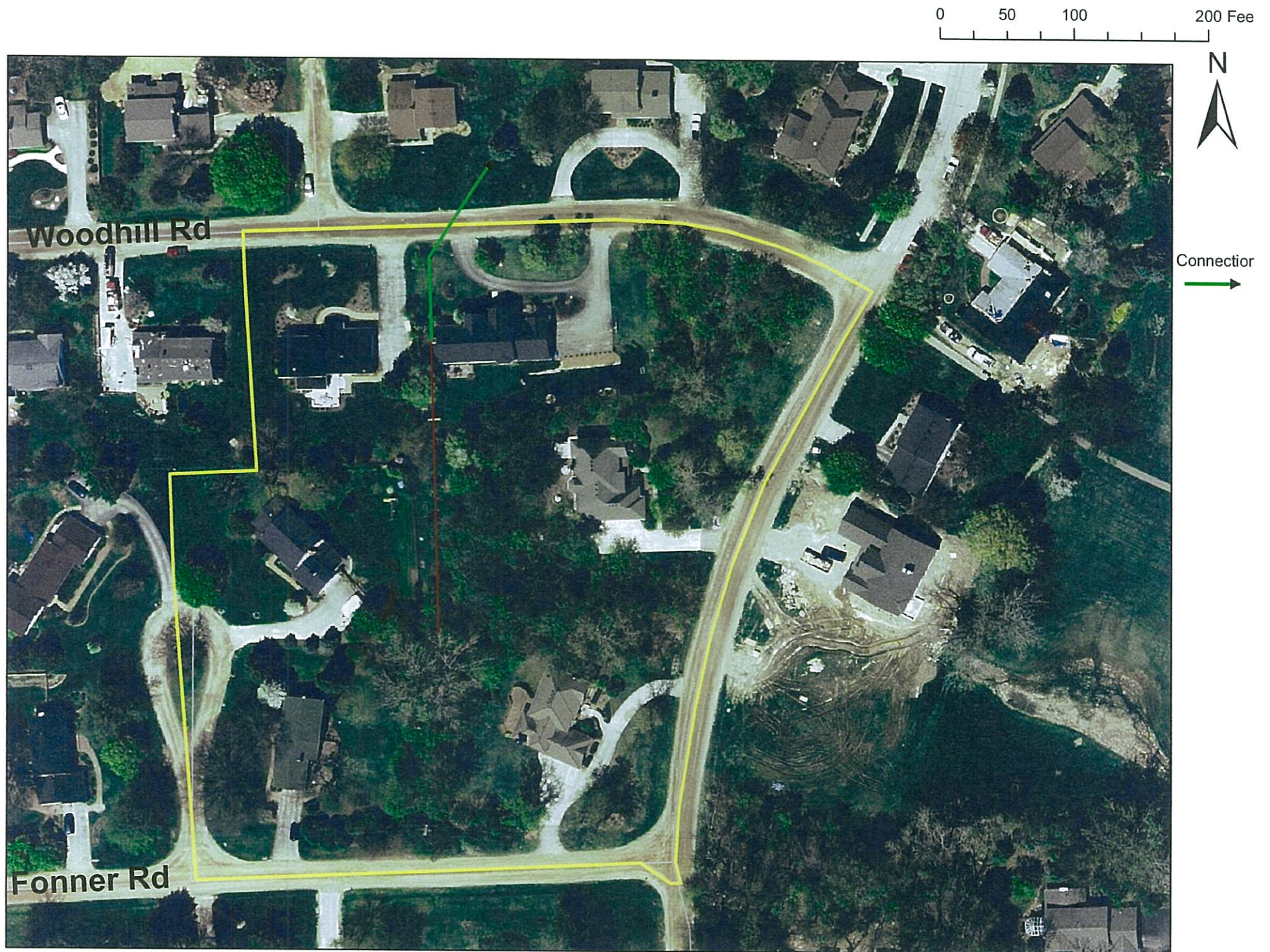
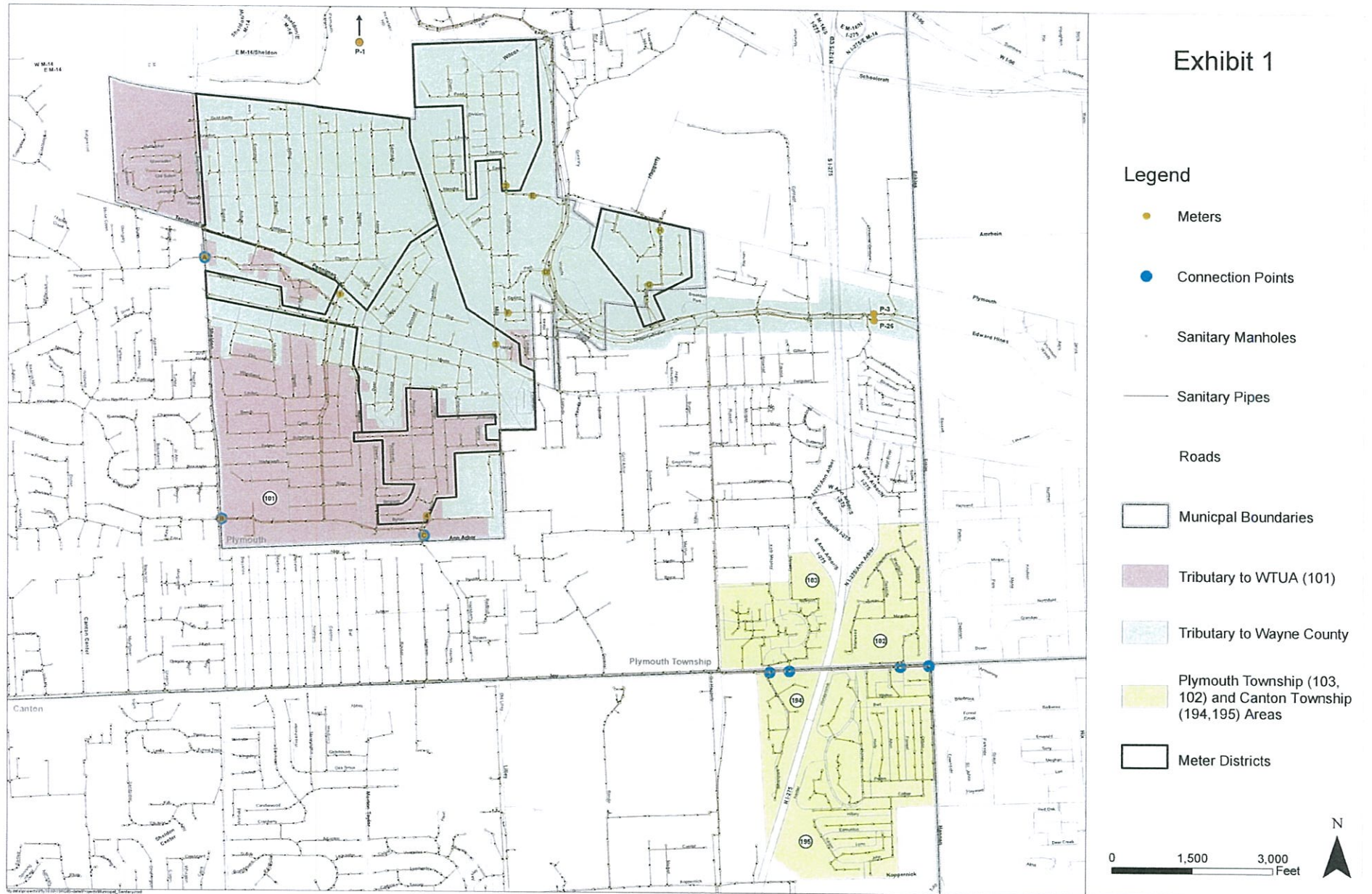


EXHIBIT C



**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

NEW BUSINESS

**ITEM F.3
BID AWARD FOR BALL DIAMOND
PATHWAY PROJECT
RESOLUTION # 2019-07-23-71**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 23, 2019

ITEM: Award Contract for Township Park Path to Ballfield #4, Resolution #2019-07-23-71

PRESENTER: **Engineer Dave Richmond**

BACKGROUND:

Plymouth Township is allocated monies yearly from Wayne County for parks and recreation projects. This year, Township chose to use a portion of the funds to complete a pathway at the park from the four seasons pavilion to ballfield #4 and connect to the existing asphalt path on the east side of the field. Currently there is no ADA accessible path to ballfield #4. The proposed concrete pathway will provide ADA accessibility from the pavilion to ballfield #4.

The Clerk's office received five (5) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The low bidder, Merlo Construction Co. submitted a total bid of \$40,495.00. Following the bid opening, Spalding DeDecker reviewed all of the bids received, verified the calculations, and prepared the bid tabulation for the project

ACTION REQUESTED:

Approve a resolution authorizing the award of the Township Park Path to Ballfield #4 contract to the lowest responsive bidder, Merlo Construction Co.

RECOMMENDATION:

Approve

PROPOSED MOTION: I move to adopt **Resolution #2019-07-23-71** to authorize the award of the Township Park Path to Ballfield #4 to Merlo Construction Co. in the amount of \$40,495.00.

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 AWARD BID FOR THE TOWNSHIP
PARK PATH TO BALLFIELD #4**

RESOLUTION #2019-07-23-71

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall located at 9955 N. Haggerty Road, Plymouth Michigan on July 23, 2019, at 7:00 p.m.

WHEREAS, it is the intention of the Charter Township of Plymouth Board of Trustees to enter into an agreement to provide improvements to Township Park Path to Ballfield #4. The project scope is to provide ADA accessibility to Ballfield #4 with the installation of a concrete pathway from the pavilion to ballfield #4.

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-07-23-71** authorizing the award of the contract for the Township Park Path to Ballfield #4 to the low bidder; Merlo Construction Co.; in accordance with the bid specifications at a price not to exceed \$40,495.00 unless otherwise approved by the board of trustees.

Moved by: _____ Seconded by: _____

ROLL CALL:

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



July 12, 2019

Mr. Jerry Vorva, Clerk
Charter Township of Plymouth
9955 N. Haggerty Road
Plymouth, Michigan 48170

Re: **Recommendation for Award**
Township Park Path to Ballfield 4
SDA Project No.: PL19007

Dear Mr. Vorva:

On July 10, 2019 at 2:00 p.m., construction bids were opened and publicly read at the Plymouth Township Offices for the Miller Park Picnic Shelter. The project includes installation of a concrete walk from the upper pavilion to Ball Field 4 at Township Park.

The Township Clerk's office received five (5) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The apparent low bidder, Merlo Construction Company, submitted a total bid of \$40,495.00. Following the bid opening, Spalding DeDecker reviewed all of the bids received, verified the calculations, and prepared the bid tabulation for the project (attached).

Based on a review of experience and references provided, Spalding DeDecker finds that Merlo Construction Company is qualified to perform the required construction.

It is our recommendation that the project be awarded to the low bidder, Merlo Construction Company for the Plymouth Township Park Pathway to Field 4 in the amount of \$40,495.00.

Upon award by the Township Board, our office will coordinate the completion of the Contract Agreement, Bonds, and Insurance information with Merlo Construction Company.

Very Truly Yours,
SPALDING DEDECKER

A handwritten signature in blue ink, appearing to read "D. E. Richmond", is written over the printed name of David E. Richmond.

David E. Richmond, PE
Senior Project Manager

Encl: Bid Tabulation

BID TABULATION - TOWNSHIP PARK PATHWAY TO FIELD 4**PLYMOUTH TOWNSHIP**

5 Bids received, opened 7/10/19

Project No. PL19007By: TERReviewed: DER

BASE BID				Merlo		Lacaria		Great Lakes	
No		QTY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)
1	Bonds, Insurance and Mobilization (5% Max)	1	LS	\$1,700.00	1,700.00	\$2,500.00	2,500.00	\$3,000.00	3,000.00
2	Soil Erosion Control Measures	1	LS	\$100.00	100.00	\$2,500.00	2,500.00	\$6,500.00	6,500.00
3	Sidewalk Grading	4	STA	\$2,000.00	8,600.00	\$1,200.00	5,160.00	\$2,250.00	9,675.00
4	Subgrade Undercut (As Needed)	110	CY	\$10.00	1,100.00	\$25.00	2,750.00	\$65.00	7,150.00
5	Aggregate Base, 4 Inch, 21AA, Limestone	330	SY	\$13.50	4,455.00	\$25.00	8,250.00	\$18.50	6,105.00
6	Sidewalk, Conc, 4 Inch	2,565	SF	\$6.00	15,390.00	\$10.00	25,650.00	\$6.50	16,672.50
7	Sign, Steep Grade, Complete	1	LS	\$750.00	750.00	\$2,500.00	2,500.00	\$1,250.00	1,250.00
8	Restoration	1	LS	\$8,400.00	8,400.00	\$7,500.00	7,500.00	\$15,000.00	15,000.00
TOTAL					40,495.00		56,810.00		65,352.50

Other Bids Received: Cross \$95,250.00
 Audia \$97,014.00

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

NEW BUSINESS

**ITEM F.4
BID AWARD FOR MILLER PARK
PAVILION PROJECT
RESOLUTION # 2019-07-23-72**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 23, 2019

ITEM: Award Contract for Miller Park Picnic Shelter, Resolution #2019-07-23-72

PRESENTER: **Engineer Dave Richmond**

BACKGROUND:

Plymouth Township received a generous donation from Mr. Tim Doyle for the installation of a Picnic Shelter at Miller Park in the name of former Township Trustee Kay Arnold. Working with Mr. Doyle, a 20' x 44' prefabricated picnic shelter was designed to be placed to still provide an area for the residents to utilize the park for activities. The work will include a walk from the existing internal walk and the installation of lighted flag pole. Other amenities including picnic tables and trash receptacles will be provided.

The Clerk's office received two (2) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The low bidder, Sole Building Company submitted a total bid of \$96,192.00. Following the bid opening, Spalding DeDecker reviewed all of the bids received, verified the calculations, and prepared the bid tabulation for the project

ACTION REQUESTED:

Approve a resolution authorizing the award of the Miller Park Picnic Shelter contract to the lowest responsive bidder, Sole Building Company.

RECOMMENDATION:

Approve

PROPOSED MOTION: I move to adopt **Resolution #2019-07-23-72** authorizing the award of the Miller Park Picnic Shelter to Sole Building Company in the amount of \$96,192.00.

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 AWARD BID FOR THE
MILER PARK PICNIC SHELTER**

RESOLUTION #2109-07-23-72

At a regular meeting of the Charter Township of Plymouth Board of Trustees, Wayne County, Michigan, held at the Township Hall located at 9955 N. Haggerty Road, Plymouth Michigan on July 23, 2019, at 7:00 p.m.

WHEREAS, it is the intention of the Charter Township of Plymouth Board of Trustees to enter into an agreement to provide a picnic shelter at Miller Park with a financial donation from Tim Doyle; spouse of Late Trustee Kay Arnold, and

WHEREAS, the scope of the project includes the construction of a 20' x 44' prefabricated picnic shelter with a concrete walk and lighted flag pole, and,

NOW, THEREFORE, BE IT RESOLVED that the Charter Township of Plymouth Board of Trustees does hereby approve **Resolution #2019-07-23-72** authorizing the award of the contract for the Miller Park Pavilion to the low bidder; Sole Building Company; in accordance with the bid specifications at a price not to exceed \$96,192.00 unless approval is granted by the board of trustees.

Moved by: _____ Seconded by: _____

ROLL CALL:

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



July 12, 2019

Mr. Jerry Vorva, Clerk
Charter Township of Plymouth
9955 N. Haggerty Road
Plymouth, Michigan 48170

Re: **Recommendation for Award**
Miller Park Picnic Shelter
SDA Project No.: PL19005

Dear Mr. Vorva:

On July 10, 2019 at 2:00 p.m., construction bids were opened and publicly read at the Plymouth Township Offices for the Miller Park Picnic Shelter. The project includes placement of a prefabricated picnic shelter on a concrete slab, with landscaping, flagpole and associated lighting.

The Township Clerk's office received two (2) sealed bids for this project, with each bidder considered to be responsive having submitted a bid compliant with all requirements. The apparent low bidder, Sole Building Company, Inc., submitted a total bid of \$96,192.00. Following the bid opening, Spalding DeDecker reviewed all of the bids received, verified the calculations, and prepared the bid tabulation for the project (attached).

Based on a review of experience and references provided, Spalding DeDecker finds that Sole Building Company, Inc. is qualified to perform the required construction.

It is our recommendation that the project be awarded to the low bidder, Sole Building Company, Inc. for the Miller Park Picnic Shelter in the amount of \$96,192.00.

Upon award by the Township Board, our office will coordinate the completion of the Contract Agreement, Bonds, and Insurance information with Sole Building Company, Inc.

Very Truly Yours,
SPALDING DEDECKER

David E. Richmond, PE
Senior Project Manager

Encl: Bid Tabulation

BID TABULATION - MILLER PARK PAVILION**PLYMOUTH TOWNSHIP**

2 Bids received, opened 7/10/19

Project No. PL19005By: TERReviewed: DER

BASE BID				SOLE		CROSS	
No		QUANTITY	UNIT	UNIT PRICE (\$)	AMOUNT (\$)	UNIT PRICE (\$)	AMOUNT (\$)
1	Bonds, Insurance and Mobilization (5% Max)	1	LS	\$3,000.00	\$ 3,000.00	\$7,500.00	\$ 7,500.00
2	Soil Erosion Control Measures	1	LS	\$800.00	\$ 800.00	\$6,000.00	\$ 6,000.00
3	Conc, Pavt, Nonreinf, 4 inch	1,030	SF	\$8.00	\$ 8,240.00	\$10.00	\$ 10,300.00
4	Aggregate Base, 6 inch	49	SY	\$18.00	\$ 882.00	\$50.00	\$ 2,450.00
5	Aggregate Base, 4 Inch	17	SY	\$12.00	\$ 204.00	\$45.00	\$ 765.00
6	Pre-Fabricated 20' x 44' Picnic Shelter, Complete	1	LS	\$57,626.00	\$ 57,626.00	\$80,000.00	\$ 80,000.00
7	Roof Gutter	88	LF	\$5.00	\$ 440.00	\$25.00	\$ 2,200.00
8	40' Flag Pole, Complete	1	LS	\$6,000.00	\$ 6,000.00	\$8,000.00	\$ 8,000.00
9	Flagpole Lights, LED	3	LS	\$900.00	\$ 2,700.00	\$3,700.00	\$ 11,100.00
10	Electricity to Lights	1	LS	\$4,000.00	\$ 4,000.00	\$12,000.00	\$ 12,000.00
11	Shrub, Burning Bush	1	LS	\$7,300.00	\$ 7,300.00	\$7,000.00	\$ 7,000.00
12	Restoration	1	LS	\$5,000.00	\$ 5,000.00	\$8,000.00	\$ 8,000.00
TOTAL				* \$ 96,192.00		\$ 155,315.00	

*As read bid corrected due to line item math error.

**CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019**

NEW BUSINESS

**ITEM F.5
ELECTION WORKER
RECLASSIFICATION AND PAY
ADJUSTMENTS
RESOLUTION # 2019-07-23-73**



CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: July 23, 2019

ITEM: Review of election related assignments and responsibilities and approval of pay adjustments for workers, Resolution #2019-07-23-73

PRESENTERS: Sandra Groth, Deputy Clerk

BACKGROUND:

With the changes resulting from the purchase of Dominion Voting Systems equipment and passage of Proposal 18-3 from November 2018, we are being forced to evaluate our election processes, our needs, and our resources and make changes that will keep us focused and compliant with newer election equipment and laws.

ACTION REQUESTED:

We are requesting changes that will significantly impact how we classify election workers, skill sets and technology expertise as well as intensive training to properly equip all workers to work within the confines of their particular classification.

PROPOSED MOTION: I move to adopt **Resolution #2019-07-23-73** authorizing the Township Clerk to reclassify all workers based on their specific roles and to make pay adjustments accordingly.

Moved by: _____ Seconded by: _____

ROLL CALL:

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

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

**ELECTION WORKER RECLASSIFICATION AND PAY ADJUSTMENTS
2019/2020**

RESOLUTION # 2019-07-23-73

At a regular meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall located at 9955 N. Haggerty Road, Plymouth, Michigan on July 23, 2019, the following resolution was offered:

WHEREAS, the Charter Township of Plymouth Clerk's Office has kept abreast of the constant changes in election law and procedures, particularly those changes brought about as the result of voter passage of Proposal 18-3 which requires innumerable changes to election laws and administration **and** by the purchase of the Dominion Voting Systems equipment and technology which includes Election Administration modules, and,

WHEREAS, it is the recommendation of the Clerk's Office that the Charter Township of Plymouth revise and reclassify election worker jobs and responsibilities and to adjust the payment received by these workers to reflect skill levels and expertise, and,

WHEREAS, proper election administration is required to ensure that all eligible citizens be allowed to participate in their constitutional right to cast a valid, countable vote, and,

NOW, THEREFORE, BE IT RESOLVED that the Township Board of Trustees hereby approves **Resolution #2019-07-23-73** authorizing the Township Clerk to adjust pay rates for election workers to be reflective of specific roles and skill sets.

Moved by: _____ Seconded by: _____

ROLL CALL:

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



CHARTER TOWNSHIP OF PLYMOUTH

9955 N HAGGERTY RD • PLYMOUTH, MICHIGAN 48170-4673
www.plymouthtp.org

July 19, 2019

Most of you are aware that we, along with most other communities, faced a record number of challenges in the November 2018 General Election. Add to that the fact that the voters approved Proposal 18-3 in that election resulting in many changes that have forced us to review and rethink past and current procedures in election administration.

The potential of a Special School District Election exists for November 2019. By the time of our Board Meeting we should have a definitive answer on whether or not that will happen. That potential requires us to act a little faster than we had planned in our reclassification and restructuring of the way elections are performed in Plymouth Township. We must be prepared to face the challenges associated with carrying out elections.

We acknowledge the historical way of training and assigning precinct workers has been to assign them to precincts and instruct them so that each worker is capable of performing all tasks required in the precinct. We also recognize that despite our best efforts; these workers are trying to help their community and want to be a part of the processes but election laws and procedures, and technology requirements have become so complex and ever changing that we cannot expect election workers to be capable and proficient in all of these jobs. We need to provide clear priorities for recruiting and retaining people with leadership abilities and people who are technologically proficient to assist with Election Day preparation and operations. We also need to pay these people accordingly while still living within the confines of our budgets and maintaining the good stewardship of tax revenue that is expected.

At the same time, we must recognize that elections are one of the primary functions required of municipalities and we must rise to the challenge of meeting these expectations.

It is for this reason that we are requesting that the Board of Trustees adopt our proposed compensation chart that reflects the reclassification of the assignments so that we can recruit, retain and carry out all of the ever changing procedures and processes required of election administration.

Thank you for your consideration and attention to this important matter. Please contact me if you have any questions at 734-354-3228.

Sandra J Groth,
Deputy Clerk

SUPERVISOR
Kurt L. Heise
(734) 354-3200

CLERK
Jerry Vorva
(734) 354-3224

TREASURER
Mark J. Clinton
(734) 354-3214

TRUSTEES
Charles Curmi, Jack Dempsey
Robert Doroshewitz, Gary Heitman

CHARTER TOWNSHIP OF PLYMOUTH
ELECTION WORKER CLASSIFICATION AND ADJUSTMENTS
2019/2020

POSITION	CURRENT PAY RATE	PROPOSED PAY RATE	CALCULATED PER
AV and Precinct Chairperson	\$190.00	\$350.00	Day
AV and Precinct Co-Chairperson	\$190.00	\$300.00	Day
E-Poll Book Operator	\$165.00	\$250.00	Day
Election Inspector	\$165.00	\$175.00	Day
Absentee (AV) Counting Board Inspector	\$165.00	\$250.00	Day
Absentee (AV) Counting Board Hi-Speed Scanner Operators	N/A	\$300.00	Day
Training Session	\$25.00	\$35.00	Session
Advanced Training Session	N/A	\$50.00	Session

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019

ITEM G
SUPERVISOR AND TRUSTEE
COMMENTS

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019

ITEM H
PUBLIC COMMENTS AND QUESTIONS

CHARTER TOWNSHIP OF PLYMOUTH
BOARD OF TRUSTEES
REGULAR MEETING
JULY 23, 2019

ITEM I
ADJOURNMENT