

Tuesday, September 4, 2018 7:00 PM

CALL TO ORDER at \_\_\_\_\_\_ P.M.

A. ROLL CALL: Kurt Heise\_\_\_\_, Mark Clinton\_\_\_\_, Chuck Curmi \_\_\_\_, Bob Doroshewitz \_\_\_, Jerry Vorva \_\_\_, Jack Dempsey\_\_\_\_, Gary Heitman \_\_\_\_\_

# **B. PLEDGE OF ALLEGIANCE**

C. APPROVAL OF AGENDA Tuesday, September 4, 2018

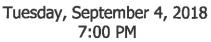
# D. APPROVAL OF CONSENT AGENDA

D.1 Approval of Minutes: Regular Meeting – Tuesday, August 14, 2018

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

# F. NEW BUSINESS

- 1. State OPEB Appeal, **Resolution #2018-09-04-63**, Treasurer Mark Clinton
- 2. Rescission of IFT Designation, **Resolution #2018-09-04-64**, Clerk Jerry Vorva
- Approval of Grant Agreement with the Michigan Economic Development Corporation (MEDC) for 'Viper' 911 Dispatch System, Resolution #2018-09-04-65, Supervisor Kurt Heise, Lt. Jon Brothers
- 4. Approval of Grant Agreement with the Michigan Economic Development Corporation (MEDC) for New Fire Engine, **Resolution #2018-08-14-66**, Supervisor Kurt Heise, Fire Chief Dan Phillips





- Police Department Purchase and Installation of one (1) new 32 terabyte HD NVR Server and twenty two (22) new Avigilon Megapixel High Definition security cameras, **Resolution #2018-09-04-67**, Police Chief Tom Tiderington and Lt. Jon Brothers
- 6. Police Department Purchase of two 2019 Ford Police Interceptor Sedans, **Resolution #2018-09-04-68**, Police Lt. Daniel Kudra
- 7. Undercover Self Storage Storm Drain Agreement, **Resolution #2018-09-**04-69, David Richmond, PE, Township Engineer
- 8. Undercover Self Storage Watermain Easement, **Resolution #2018-09-04-70**, David Richmond, PE, Township Engineer
- 9. Federal Mogul Expansion Storm Drain Agreement, **Resolution #2018-09-**04-71, David Richmond, PE, Township Engineer
- 10. Introduction of Draft 2019 Township Budget, Supervisor Kurt Heise and Finance Director Cindy Kushner

# G. SUPERVISOR AND TRUSTEE COMMENTS

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

# I. ADJOURNMENT

<u>PLEASE TAKE NOTE</u>: 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.





# **ITEM B PLEDGE OF ALLEGIANCE SEPTEMBER 4, 2018**

# **ITEM C APPROVAL OF AGENDA SEPTEMBER 4, 2018**

# ITEM D.1 APPROVAL OF MINUTES SEPTEMBER 4, 2018 MEETING

## **PROPOSED MINUTES**

Clerk Vorva called the meeting to order at 7:00 p.m.

- MEMBERS PRESENT: Mark Clinton, Treasurer Charles Curmi, Trustee Jack Dempsey, Trustee Robert Doroshewitz, Trustee Gary Heitman, Trustee Jerry Vorva, Clerk
- MEMBERS ABSENT: Kurt Heise, Supervisor, Excused
- OTHERS PRESENT: Patrick Fellrath, Dir. of Public Service Dan Phillips, Fire Chief Thomas Tiderington, Police Chief Kevin Bennett, Township Attorney David Richmond, Spalding DeDecker Sue Brams, Executive Assistant to the Supervisor Alice Geletzke, Recording Secretary 15 Members of the Public
- B. PLEDGE OF ALLEGIANCE Bobbie Pummill, Council on Aging

### C. APPROVAL OF AGENDA

Tuesday, August 14, 2018

Moved by Trustee Dempsey and seconded by Trustee Heitman to approve the agenda for the Board of Trustees regular meeting of August 14, 2018. Ayes all.

# D. APPROVAL OF CONSENT AGENDA

### D.1 Approval of Minutes:

Regular Meeting – Tuesday, July 24, 2018

### D.2 Acceptance of Communications, Resolutions, Reports:

Building Department Monthly Report – July, 2018 Fire Department Monthly Report – July, 2018 Police Department Monthly Report – July, 2018 Planning Department Monthly Report – July, 2018 FOIA Activity – Clerk's Office – July, 2018 FOIA Activity – Police Department – July, 2018

### **PROPOSED MINUTES**

# D.3 Approval of Township Bills:

FUND	ACCT	ALREADY PAID	TO BE PAID	TOTAL:
General Fund	101	\$330,146.16	\$212,094.69	\$542,240.85
Solid Waste Fund	226	2,540.84	105,039.66	107,580.50
Improvement Revolving (Capital)	246	.00	.00	.00
Drug Forfeiture Fund	265	.00	.00	.00
Drug Forfeiture State	266	.00	.00	.00
Drug Forfeiture IRS	267	.00	472.05	472.05
Golf Course Fund	510	3,665.60	4,908.98	8,574.58
Senior Transportation	588	3,590.92	5,149.08	8,740.00
Water/Sewer Fund	592	55,593.31	448,320.79	503,914.10
Trust and Agency	701	28,956.76	.00	28,956.76
Police Bond Fund	702	9,393.91	.00	9,393.91
Tax Pool	703	45.78	.00	45.78
Special Assessment Capital	805	(12.67)	552.50	539.83
TOTALS:		\$433,920.61	\$776,537.75	\$1,210,458.36

Clerk Vorva had a correction on Page 4 of the minutes of Tuesday, August 14, 2018. The item considered for Oerlikon was the water main easement.

## **PROPOSED MINUTES**

Moved by Treasurer Clinton and seconded by Trustee Dempsey to approve the consent agenda for the Board of Trustees regular meeting of August 14, 2018, as amended. Ayes all.

E. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 minutes) – There were none.

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

### F. NEW BUSINESS

1. WTUA Budget Review and Approval, **Resolution #2018- 08-14-59**, Aaron Sprague, WTUA

Aaron Sprague, Executive Director for WTUA, addressed the Board and answered questions regarding the 2018-19 budget, which also needs to be approved by Canton and Northville Townships. He noted that the County has tentatively agreed with the flow swap with the City of Plymouth and negotiations are nearly complete with the City. Operations and maintenance will not be impacted by this, only capital expenditure. He also reviewed future capital projects and administrative cost increases.

Moved by Trustee Heitman and seconded by Trustee Curmi that the Board of Trustees approve **Resolution #2018-08-14-59**, adopting the 2018-19 WTUA Budget per the recommendations of the WTUA Executive Director. Ayes all on a roll call vote.

2. One Time, Special Event Liquor License Approval, Friendship Station, Resolution #2018-08-14-60, Clerk Jerry Vorva

Clerk Vorva noted that the Police Department has approved the Liquor License application and the Board discussed with Attorney Bennett and Bobbie Pummill of the Council on Aging the bond and insurance requirements.

Moved by Trustee Curmi and seconded by Trustee Doroshewitz to approve **Resolution #2018-08-14-60**, recommending Local Governing Body Approval to the Liquor Control Commission of the State of Michigan for their consideration in granting approval for the one-time issuance of a special license for the event being held by the Plymouth Council on Aging on October 18, 2018 at the Friendship Station, located at 42375 Schoolcraft Road, Plymouth, MI 48170; and further require that appropriate level of insurance for the event be obtained by the Council on Aging. Ayes all on a roll call vote.

## **PROPOSED MINUTES**

3. Manhole Replacement Project Update – Director Patrick Fellrath and Reps. from Wade-Trim

Director of Public Services Fellrath and Greg Stanley and Joe Dyer of Wade-Trim Associates summarized the progress on the work of raising manholes up to grade. Mr. Fellrath distributed an updated status report through August 11. They found the contractor making good progress.

4. Water and Sewer Fee Adjustments, **Resolution #2018-08-14-61**, Director Patrick Fellrath, Finance Director Cindy Kushner and Administrative Assistant to the Building Department Cheri Palmarchuk

Director Fellrath reviewed the revised fee schedule, noting updates to some fees had not been made in at least 20 years. Updates now use current material and labor costs, with items no longer existing deleted.

Moved by Trustee Heitman and seconded by Treasurer Clinton to revise the Comprehensive Fee Schedule to include the attached revisions to the Water and Sewer System fees, effective immediately. Ayes all on a roll call vote.

5. Oerlikon-Metco—Storm Drain Agreement, **Resolution #2018-08-14-62**, David Richmond, PE, Township Engineer

Moved by Clerk Vorva and seconded by Trustee Curmi to adopt **Resolution #2018-08-14-62**, authorizing the Township Supervisor to sign the Wayne County Permit M-49433 and approve the Storm Drain Agreement with KIRCO-OM PLYMOUTH, LLC, and authorize the Township Supervisor and Clerk to execute same. Ayes all on a roll call vote.

# G. SUPERVISOR AND TRUSTEE COMMENTS

Clerk Vorva thanked everyone who worked on the election: Deputy Clerk Sandra Groth and Joan Ciarelli, Administrative Assistant, as well as the many volunteers. He reported things went fairly well, considering the new equipment. Trouble-shooting technicians, such as Bill Heitman, were dispatched for problem solving.

Treasurer Clinton congratulated Clerk Vorva and Deputy Groth on the teamwork of all involved in the election.

Trustee Curmi received confirmation that there will be no Board meeting on August 28, but a special meeting will be held on September 4.

## **PROPOSED MINUTES**

Attorney Bennett updated Board members on the progress of the settlement agreement with the City.

**H. PUBLIC COMMENTS AND QUESTIONS (Limited to 3 Minutes)** – Duane Zantop had comments about confusion at the polls regarding the 100 ft. distance from the door for voting materials.

# I. ADJOURNMENT

Moved by Clerk Vorva and seconded by Trustee Doroshewitz to adjourn the meeting at 7:56 p.m. Ayes all.

Jerry Vorva, Township Clerk

# **ITEM E PUBLIC COMMENTS AND QUESTIONS SEPTEMBER 4, 2018**

# **ITEM F.1** STATE OPEB APPEAL RESOLUTION #2018-09-04-63



# CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD CONSIDERATION

MEETING DATE: September 4, 2018

ITEM: Public Act 202 of 2017 - Application for Waiver

#### PRESENTER: Mark Clinton, Treasurer

#### BACKGROUND:

Michigan Public Act 202 of 2017 imposes higher levels of funding and more stringent oversight by the state on municipalities' unfunded pension and OPEB liabilities.

As required under Public Act 202, the township treasurer filed the 2017 Retirement System Annual Report (Form 5572) with the State of Michigan's Department of Treasury before the June 30th deadline. On July 26, 2018, the township was, as expected, notified that its Retirement Healthcare Plan (OPEB) is funded below the 40% established threshold.

The next step in the Public Act 202 process, after notification of underfunded status, is for the township to submit, within 45 days of notification, an Application for Waiver (Form 5584). The intent of this waiver is to demonstrate steps that the township <u>has already taken</u> to address the underfunded status.

If the waiver application is denied, the next step in the process is to, within 180 days, submit a Corrective Action Plan to the Municipal Stability Board detailing steps that the township <u>will take</u> to correct the underfunded status.

#### ENCLOSURES:

Form 5584 – Application for Waiver (with attachments)

#### **RECOMMENDATION:**

Authorize the township treasurer to apply for the waiver in accordance with Public Act 202.

#### **RESOLUTION:**

I move to approve Resolution 2018-09-04-63 which authorizes the township treasurer to apply for a waiver in accordance with Public Act 202 by submitting the attached Form 5584 to the state treasurer no later than September 7, 2018.

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

# **RESOLUTION # 2018-09-04-63**

## **RETIREMENT HEALTHCARE SYSTEM APPLICATION FOR WAIVER – PUBLIC ACT 202**

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 September 4, 2018, the following resolution was offered:

WHEREAS, Michigan Public Act 202 of 2017 imposes higher levels of funding and more stringent oversight by the state on municipalities' unfunded pension and OPEB liabilities; and,

**WHEREAS,** The Charter Township of Plymouth's Treasurer filed the 2017 Retirement System Annual Report (Form 5572) with the State of Michigan's Department of Treasury before June 30<sup>th</sup> as required under Public Act 202 of 2017; and,

WHEREAS, the Township was notified by email on July 26, 2018 that its Retirement Healthcare Plan (OPEB) is funded below the 40% threshold established under Public Act 202; and,

WHEREAS, the Application for Waiver and Plan Form 5584 must be filed with 45 days of notification by the state of the underfunded status; and,

**WHEREAS,** the Application for Waiver and Plan must be approved by the local government's administrative officer and governing body;

**NOW, THEREFORE,** be it resolved that the Township Treasurer be authorized by the Board to apply for the waiver in accordance with Public Act 202 which is made part of this resolution.

Present:	[Curmi, Clinton, Dempsey, Doroshewitz, Heise, Heitman, Vorva]					
Moved by: Supported by:						
	Roll Call Vote					
Ayes: Nays: <b>Adopted</b> :	Regular Meeting of the Board of Trustees on					
11	Jerry Vorva, Clerk, Charter Township of Plymouth					
STATE OF MICHI COUNTY OF WAY	)					
I hereby certify the which is on file in r	at the foregoing is a true copy of the above Resolution, the original of ny office.					
Jerry Vorva, Clerk Charter Township						

**Resolution: 2018-09-04-63** 

# Protecting Local Government Retirement and Benefits Act Application for Waiver and Plan:

#### **Retirement Health Benefit Systems**

Issued under authority of Public Act 202 of 2017.

#### I. MUNICIPALITY INFORMATION

Local Unit Name: Charter Township of Plymouth

Six-Digit Muni Code: 821070

Retirement Health Benefit System Name: Plymouth Township Retiree Medical Plan

Contact Name (Administrative Officer): Mark Clinton

Title if not Administrative Officer: Treasurer

Email: mclinton@plymouthtwp.org

Telephone: (734) 354-3214

#### 2. GENERAL INFORMATION

**Application for Waiver and Plan:** This Application for Waiver and Plan may be filed by any local unit of government with at least one retirement health benefit system that has triggered a preliminary review of underfunded status. In accordance with Public Act 202 of 2017 (the Act), if the state treasurer determines that the underfunded status is adequately being addressed by the local unit of government, the state treasurer shall issue a waiver of the determination of underfunded status. If requesting a waiver, you must submit a separate and unique application for each underfunded retirement system as determined by the 2017 Retirement System Annual Report (Form 5572).

**Due Date**: The local unit of government has **45 days from the date of notification** to complete and file the Application for Waiver and Plan. Failure to file within **45** days will result in a determination of underfunded status for your local unit of government as defined by the Act, and your local unit of government will be required to submit a corrective action plan to the Municipal Stability Board for approval.

**Filing:** This Application for Waiver and Plan must be approved by the local government's administrative officer and its governing body. You must provide proof of your governing body approving this Application for Waiver and Plan and attach the documentation as a separate PDF document. Failure to provide documentation that demonstrates approval from your governing body will automatically result in a denial of the waiver application.

The completed application must be submitted via email to LocalRetirementReporting@michigan.gov. If you have multiple underfunded retirement systems, you are required to complete separate applications and send a separate email for each underfunded system. Please attach each application as a separate PDF document in addition to all applicable supporting documentation.

The subject line of the email(s) should be in the following format: **Waiver-2017, Local Unit Name, Retirement System Name** (e.g. Waiver-2017, City of Lansing, Employees' Retirement System OPEB Plan). Treasury will send an automatic reply acknowledging receipt of the email. Your individual email settings must allow for receipt of Treasury's automatic reply. This will be the only notification confirming receipt of the application(s).

**Considerations for Waiver**: A successful Application for Waiver and Plan will demonstrate what your local unit has **already done** to adequately address its underfunded status. Prospective solutions will not be granted merit in determining the outcome of the waiver application (e.g. future amendments to collective bargaining agreements, upcoming millage proposals, potential budget changes, etc.). However, Treasury may consider additional ongoing funding dedicated to your retirement system if those commitments have been formally enacted by the governing body and can be documented. Section three of this waiver application allows the local unit of government to enter a brief description

of prior actions that have already been implemented to adequately address its underfunded status. For purposes of Sec. 6.(1) of the Act, this application will also be considered the plan.

Underfunded status for a retirement health system is defined as being less than 40% funded according to the most recent audited financial statements, and, if the local unit of government is a city, village, township, or county, the annual required contribution for all of the retirement health systems of the local unit of government is greater than 12% of the local unit of government's annual governmental fund revenues, based on the most recent fiscal year.

#### 3. DESCRIPTION OF PRIOR ACTIONS

Prior actions are separated into three categories below: System Design Changes, Additional Funding, and Other Considerations. Please provide a brief description of the prior actions implemented by the local government to address the retirement system's underfunded status within the appropriate category section. Within each category are sample statements that you may choose to use to indicate the changes to your system that will positively affect your funded status. For retirement systems that have multiple divisions, departments, or plans within the same retirement system, please indicate how these changes impact the retirement **system** as a whole.

Please indicate where in the attached supporting documentation these changes are described and the impact of those changes (i.e. what has the local unit of government done to improve its underfunded status, and where can we find the proof of these changes in the supporting documentation?).

**Note:** Please provide the name of the system impacted, the date you made the change, the relevant page number(s) within the supporting documentation, and the resulting change to the system's funded ratio.

#### **Category of Prior Actions:**

System Design Changes - System design changes may include the following: Changes to coverage levels (including retiree co-payments, deductibles, and Medicare eligibility), changes to premium cost-sharing, eligibility changes, switch to defined contribution retiree health care plan, changes to retiree health care coverage for new hires, etc.

**Sample Statement:** Benefit levels of the retired membership mirrors the current collective bargaining agreement for each class of employee. On **January 1, 2017**, the local unit entered into new collective bargaining agreements with the **Command Officers Association** and **Internal Association of Firefighters** that increased employee co-payments and deductibles for healthcare. These coverage changes resulted in an improvement to the retirement system's funded ratio. Please see page **12** of the attached actuarial analysis that indicates the system is **40%** funded as of **June 30, 2017**.

#### Enter System Design Statement here:

From 2009 through 2013, the Charter Township of Plymouth shifted to a Defined Contribution Plan and the Defined Benefits Plan was closed to new hires with the following effective dates (Attachment 6a):

- January 1, 2009 (AFSCME, TPOAM and non-represented employees)
- January 1, 2010 (Teamsters)
- January 1, 2012 (POAM dispatch)
- May 6, 2012 (IAFF)
- April 24, 2013 (COAM and POAM police officers)

Additional Funding – Additional funding may include the following: voluntary contributions above the annual required contribution, bonding, millage increases, restricted funds, etc.

Sample Statement: The local unit created a qualified trust to receive, invest, and accumulate assets for retirement healthcare on June 23, 2016. The local unit of government has adopted a policy to change its funding methodology from Pay-

Go to full funding of the Annual Required Contribution (ARC). Additionally, the local unit has committed to contributing **\$500,000** annually, in addition to the ARC for the next five fiscal years. The additional contributions will increase the retirement system's funded ratio to **40%** by **2022**. Please see page **10** of the attached resolution from our governing body demonstrating the commitment to contribute the ARC and additional **\$500,000** for the next five years.

#### **Enter Additional Funding Statement here:**

Other Considerations – Other considerations may include the following: outdated Form 5572 information, enterprise fund revenue considerations, actuarial assumption changes, amortization policy changes, etc.

Sample Statement: The information provided on the Form 5572 from the audit used actuarial data from 2015. Attached is an updated actuarial valuation for 2017 that shows our funded ratio has improved to 62% as indicated on page 13.

**Sample Statement: 50%** of our retirement liabilities are attributable to employees within our enterprise divisions as shown in the attached analysis, yet we could not include enterprise revenue as part of our governmental funds. The attached analysis shows that our revenue ratio (ARC / Total Governmental Funds) would only be **5%** when including enterprise funds within the calculation.

#### Enter Other Considerations Statement here:

The Plymouth Township Retiree Medical Plan has been closed to new entrants since 2013. According to the actuarial projections provided by Watkins & Ross (Attachment 2b), the current \$16.4 Million liability will be reduced to \$8.5 Million in 25 years, \$5.3 Million in 30 years, and virtually eliminated in 50 years.

If Plymouth Township were to establish a trust to supplement the current "pay as you go" funding model, it would require a mere \$38,000 annual payment at the 3.8% discount rate assumed in the attached actuarial analysis to achieve a 40% funding status within 30 years.

#### 4. DOCUMENTATION ATTACHED TO THIS WAIVER APPLICATION AND PLAN

Documentation must be attached as a .pdf to this waiver application. The documentation must demonstrate the prior actions that have already been implemented to adequately address the local unit of government's underfunded status. Please ensure this documentation directly supports and highlights the systems funded ratio as entered in section three of the waiver application above. Please check all documents that are included as part of this application and attach in successive order as provided below:

Naming Convention: When attaching documents please use the naming convention shown below. If there is more than one document in a specific category that needs to be submitted, include a, b, or c for each document. For example, if you are submitting two supplemental valuations, you would name the first document "Attachment 2a" and the second document "Attachment 2b"

Continued on page 4

Naming Convention	Type of Document
X Attachment –	This Waiver Application and Plan (Required)
🔀 Attachment – Ia	Documentation from the governing body approving the Waiver Application and Plan (Required)
X Attachment – 2a	Actuarial Analysis (annual valuation, supplemental valuation, projection)
🔲 Attachment – 3a	Internally Developed Projection Study
Attachment – 4a	Documentation of additional payments in past years that is not reflected in your audited financial statements (e.g. enacted budget, system provided information).
Attachment – 5a	Documentation of commitment to additional payments in future years (e.g. resolution, ordinance)
🔀 Attachment – 6a	A plan that the local unit has already approved to address its underfunded status, which includes documentation of prior actions and the positive impact on the system's funded ratio
Attachment – 7a	Other documentation, not categorized above
5. LOCAL UNIT OF GOVERNMENT'S ADMI	NISTRATIVE OFFICER APPROVAL OF WAIVER

APPLICATION AND PLAN Kurt Heise , as the government's administrative officer (enter title)

Township Supervisor (Ex: City/Township Manager, Executive director, Chief Executive Officer, etc.) approve this Application for Waiver and Plan. We are requesting a waiver of underfunded status, because we have already implemented substantial changes to our retirement system as described above.

I confirm to the best of my knowledge that because of the changes listed above the following statement will occur:

The **Retirement Health Benefit System listed below** will achieve a funded status of at least 40% by the Fiscal Year listed below.

Retirement Health Benefit System Name: Plymouth Township Retiree Medical Plan Fiscal Year: 2048

Signature:

Date: 09/05/2018

Attachment - 2a

# Plymouth Township Retiree Medical Plan

**Accounting Report** 

for the Period Ending December 31, 2017 under GASB Statement Nos. 45 and 75



WATKINS ROSS | 200 OTTAWA AVE N.W. | SUITE 600 | GRAND RAPIDS, MI 49503 | 616.456 9696

Report presented by:



November 2017

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### INTRODUCTION AND CERTIFICATION

The schedules included in this report have been prepared in order to provide the information necessary to comply with Governmental Accounting Standards Board (GASB) Statement Nos. 45 and 75. This information may, at the discretion of management of the plan sponsor and its auditor, be used for the preparation of its financial statements. The calculations herein have been made based on our understanding of GASB Nos. 45 and 75, and may be inappropriate for other purposes.

The calculations summarized in this report involve actuarial calculations that require assumptions about future events. We believe that the assumptions used in the report are within the range of possible assumptions that are reasonable and appropriate for the purposes for which they have been used. However, other assumptions are also reasonable and appropriate and their use would produce different results.

This report contains additional information and details related to plan provisions and recommended contribution calculations.

This report was prepared on the basis of participant data and asset values as reported to us by the plan sponsor. Watkins Ross relied upon the data as submitted, and has no reason to believe that any information, which would have a material effect on the results of this valuation, was not considered in the preparation of the report.

The actuary certifying this report represents herself as meeting the Qualification Standards of the American Academy of Actuaries to render actuarial opinions contained in the report.

Prepared by:

Sisa Haya

Lisa J. Hayes Senior Pension Analyst

Certified by:

Keah a Dudt

Leah A. Dudley, ASA, MAAA Health Actuary

# **PLAN DESCRIPTION**

#### **Plan Description**

**Plymouth Township Retiree Medical Plan** is a single employer plan established and administered by **Plymouth Township** (Employer) and can be amended at its discretion.

#### **Benefits Provided**

A complete summary of plan provisions is available on page 13.

#### **Summary of Plan Participants**

	AFSCME	COAM	IAFF	Non- Represented	POAM Police	POAM Dispatch	Teamsters	Total
Retirees	6	6	21	20	4	0	1	58
Active plan								
members	<u>13</u>	<u>7</u>	<u>21</u>	<u>11</u>	<u>20</u>	<u>11</u>	<u>8</u>	<u>91</u>
Total								
participants	19	13	42	31	24	11	9	1 <b>49</b>

Membership of the plan consisted of the following for the 2017 valuation:

#### **Funding Policy**

- 1. Plymouth Township has the authority to establish and amend the obligations of Plymouth Township and plan members to contribute to the plan.
- 2. Active plan members are currently not obligated to make contributions to the plan
- 3. Plymouth Township will not, at this time, make contributions to an irrevocable investment fund. Therefore, only benefit payments made directly to retirees or on behalf of retirees from general operating funds will be counted as plan contributions.

#### **Summary of Significant Accounting Policies**

For purposes of measuring the net Other Post-Employment Benefits (OPEB) liability, deferred outflows of resources and deferred inflows of resources related to OPEB, and OPEB expenses, information about the fiduciary net position of the Plymouth Township OPEB Plan and additions to/deductions from the Employer's fiduciary net position have been determined on the same basis as they are reported by the Employer. For this purpose, benefit payments (including refunds of employee contributions) are recognized when due and payable in accordance with the benefit terms.

# **ASSUMPTIONS AND METHODS**

The Employer's OPEB liability was measured as of as of December 31, 2017.

#### **Actuarial Assumptions**

The Total OPEB Liability was determined by an actuarial valuation as of December 31, 2017 and the following actuarial assumptions, applied to all periods included in the measurement:

Salary incre	ases	3.0% (for purposes of allocating liability)
Investment	rate of return	Not applicable as the plan is unfunded
20-year Aa	Municipal bond rate	3.8%
Mortality	As set forth in IRS Regu	lations for 2018 (1.430(h)(3)) for Non-annuitants, separately
-	for males and females	as well as annuitants and non-annuitants. Based on RP-2000
	Tables with Scale AA.	

#### **Discount Rate**

The discount rate used to measure the total OPEB liability was **3.80%**. The projection of cash flows used to determine the discount rate assumed that there will be no Employer contributions made. Based on those assumptions, the Plan's fiduciary net position was not projected to be sufficient to make all projected future benefit payments of current Plan participants. For projected benefits that are covered by projected assets, the long-term expected rate was used to discount the projected benefits. From the year that benefit payments were not projected to be covered by the projected assets (the "depletion date"), projected benefits were discounted at a discount rate reflecting a 20-year AA/Aa tax-exempt municipal bond yield. A single equivalent discount rate that yields the same present value of benefits is calculated. This discount rate is used to determine the Total OPEB Liability.

### **NET OPEB LIABILITY**

#### **Changes in the Net OPEB Liability**

	Total OPEB Liability (a)	Plan Fiduciary Net Position (b)	Net OPEB Liability (a) - (b)
Balance at December 31, 2016	\$15,740,138	\$0	\$15,740,138
Changes during the Year			
Service Cost (Beginning of Year)	280,182		280,182
Interest	597,802		597,802
Experience (Gains)/Losses	0		0
Change in actuarial assumptions	342,382		342,382
Contributions to OPEB trust	0	577,388	(577,388)
Contributions/benefit paid from general operating funds		0	0
Net Investment Income		0	
Benefit Payments	(577,388)	(577,388)	0
Administrative Expenses	0	0	0
Other Changes	0	0	0
Total Changes	642,978	0	642,978
Balance at December 31, 2017	\$16,383,116	\$0	\$16,383,116

# Net OPEB Liability - Discount and Trend Rate Sensitivities

The following presents the net OPEB liability (NOL) of the Employer, calculated using trend and discount rates 1% higher and lower than base assumptions:

	1% Decrease, 2.8%	Current Discount Rate, 3.8%	1% Increase, 4.8%
Discount			
Total OPEB Liability	\$18,483,760	\$16,383,116	\$14,626,464
Plan Fiduciary Net Position	0	0	0
Net OPEB Liability	\$18,483,760	\$16,383,116	\$14,626,464
	1% Decrease	Current trend	1% Increase
Trend			
Total OPEB Liability	\$14,413,838	\$16,383,116	\$18,767,047
Plan Fiduciary Net Position	0	0	0
Net OPEB Liability	\$14,413,838	\$16,383,116	\$18,767,047

## **OPEB OBLIGATION AND EXPENSE – GASB 45**

#### Notes to Employer's Financial Statements

# Annual Required Contribution for the Fiscal Year Ending December 31, 2017

GASB 45 Annual Required				al and	TOUT	POAM		
Contribution 3.8% Discount rate	AFSEME TPOAM	COAM	IAFF	Non- Represented	POAM Police	Dispatch	Teamsters	Total
Service Cost (End of Year)	7,489	43,051	108,391	17,278	76,235	25,629	12,757	290,829
Unfunded Actuarial Accrued	and the second se							
Liability (UAAL)	724,593	2,541,982	7,550,980	2,073,267	2,462,582	518,142	511,569	16,383,116
Amortization Factor, 9 years								8.72748
Amortization of UAAL	83,024	291,262	865,196	237,556	282,164	59,369	58,616	1,877,187
Annual Required								
Contribution (ARC)	90,513	334,313	973,587	254,834	358,399	84,998	71,373	2,168,016

GASB 45 Annual Cost								
for OPE <b>B</b>	AFSCME			Non	POAM	POAM		
3.8% Discount rate	TPOAM	COAM	IAFF	Represented	Police	Dispatch	Teamsters	Total
Annual Required Contribution								
(ARC)	90,513	334,313	973,587	254,834	358,399	84,998	71,373	2,168,016
Interest on Net OPEB Obligation	42,925	54,557	143,679	33,912	103,401	25,823	18,454	422,751
Adjustment to ARC	(129,430)	(164,504)	(433,234)	(102,255)	(311,783)	(77,864)	(55,643)	(1,274,713)
Annual OPEB Cost	4,008	224,366	684,032	186,491	150,017	32,957	34,184	1,316,054
Contributions Made (estimated)	30,705	82,140	304,439	123,619	40,065	-	7,391	588,359
Change in Net OPEB Obligation	(26,697)	142,226	379,593	62,872	109,952	32,957	26,793	727,695
Net OPEB Obligation								
(Beginning of Year)	1,129,601	1,435,706	3,781,0365	892,431	2,721,075	679,552	485,626	11,125,026
Net OPEB Obligation								
(End of Year)	1,102,904	1,577,932	4,160,628	955,303	2,831,027	712,509	512,419	11,852,721

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#### 2017 OPEB EXPENSE - GASB 75 OPTION

## Components of City's OPEB Expense for the Fiscal Year Ending December 31, 2017

# Below are the components of the Total OPEB Expense as if GASB 75 was adopted for 2017:

GASB 75 OPEB Expense 3.8% Discount rate	AFSCME	COAM	IAFE	Non- Represented	POAM	POAM Dispatch	Teamsters	Total
Service Cost (Beginning of Year)	7,215	41,474	104,423	16,645	73,444	24,691	12,290	280,182
Interest on Total OPEB Liability	26,423	92,784	275,418	75,487	90,019	18,968	18,703	597,802
Experience (Gains)/Losses	0	0	0	0	0	0	0	0
Changes of Assumptions	3,135	8,386	31,080	12,621	4,090	-	755	60,067
Employee Contributions	0	0	0	0	0	0	0	0
Projected Earnings on OPEB Plan								
Investments	0	0	0	0	0	0	0	0
Investment Earnings (Gains)/Losses	0	0	0	0	0	0	0	0
Administrative Expenses	0	0	0	0	0	0	0	0
Other Changes in Fiduciary Net								
Position	0	0	0	0	0	0	0	0
Total OPEB Expense	\$36,773	\$142,644	\$410,921	\$104,753	\$167,553	\$43,659	\$31,748	\$938,051

# 2017 NET OPEB LIABILITY - GASB 75 OPTION

#### **OPEB Plan Fiduciary Net Position**

# The OPEB Plan Fiduciary Net Position as of December 31, 2017 is \$0

#### Deferred Inflows and Outflows of Resources Related to OPEB Plan

	Deferred Outflows Of Resources	Deferred Inflows Of Resources
Experience (Gains)/Losses	0	0
Changes of Assumptions	282,315	0
Investment Earnings (Gains)/Losses	0	<u>0</u>
Total	\$282,315	\$0

Amounts reported as deferred outflows of resources and deferred inflows of resources related to OPEBs will be recognized in OPEB expense as follows:

Year Ende	Amoun		
December <b>31</b> ,	Recognize		
2018	\$	60,067	
2019		60,067	
2020		60,067	
2021		60,067	
2022		42,047	
Thereafter	\$	0	

#### **Changes in Net OPEB Liability and Related Ratios**

2017         Total OPEB Liability         Service Cost (Beginning of Year)       \$ 280,182         Interest       597,802         Changes of Benefit Terms       0         Difference between Expected and Actual Experience       0         Change of Assumptions       342,382         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$ 15,740,138         Total OPEB Liability – Ending (a)       \$ 16,383,116         Plan Fiduciary Net Position       0         Contributions/benefit payments made from general operating funds       577,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116		Fiscal Year
2017         Total OPEB Liability         Service Cost (Beginning of Year)       \$ 280,182         Interest       597,802         Changes of Benefit Terms       0         Difference between Expected and Actual Experience       0         Change of Assumptions       342,382         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$ 15,740,138         Total OPEB Liability – Ending (a)       \$ 16,383,116         Plan Fiduciary Net Position       0         Contributions/benefit payments made from general operating funds       577,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116		Ending
Total OPEB Liability         Service Cost (Beginning of Year)       \$ 280,182         Interest       597,802         Changes of Benefit Terms       0         Difference between Expected and Actual Experience       0         Change of Assumptions       342,382         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       0         Contributions/benefit payments made from general operating funds       \$77,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position – Ending (b)       0         Not avail.       Covered Employee Payroll       Not avail.		December 31,
Service Cost (Beginning of Year)       \$ 280,182         Interest       597,802         Changes of Benefit Terms       0         Difference between Expected and Actual Experience       0         Change of Assumptions       342,382         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       0         Contributions/benefit payments made from general operating funds       \$77,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Net Change in Fiduciary Net Position – Beginning       0         Net Change in Fiduciary Net Position – Beginning       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan		2017
Interest       597,802         Changes of Benefit Terms       0         Difference between Expected and Actual Experience       0         Change of Assumptions       342,382         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       \$0         Contributions/benefit payments made from general operating funds       \$77,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (\$77,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Beginning       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail. <td>Total OPEB Liability</td> <td></td>	Total OPEB Liability	
Changes of Benefit Terms       0         Difference between Expected and Actual Experience       0         Change of Assumptions       342,382         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       \$0         Contributions/benefit payments made from general operating funds       \$77,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Beginning       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Service Cost (Beginning of Year)	\$ 280,182
Difference between Expected and Actual Experience0Change of Assumptions342,382Benefit Payments (Including Refunds of Employee Contributions)(577,388)Net Change in Total OPEB Liability642,978Total OPEB Liability – Beginning\$15,740,138Total OPEB Liability – Ending (a)\$16,383,116Plan Fiduciary Net Position\$0Contributions/benefit payments made from general operating funds577,388)Net Change in Fiduciary Net Position\$15,740,138Contributions/benefit payments made from general operating funds577,388)Administrative Expenses0Other0Net Change in Fiduciary Net Position0Net Change in Fiduciary Net Position - Beginning0Plan Fiduciary Net Position - Ending (b)0Net OPEB Liability - Ending (a)-(b)\$16,383,116Plan Fiduciary Net Position as a Percentage of Total OPEB Liability0.0%Covered Employee PayrollNot avail.	Interest	597,802
Change of Assumptions       342,382         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       \$0         Contributions/benefit payments made from general operating funds       \$77,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Net Change in Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Beginning       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Changes of Benefit Terms	0
Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       \$0         Contributions/benefit payments made from general operating funds       577,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position - Beginning       0         Plan Fiduciary Net Position - Ending (b)       0         Net OPEB Liability - Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Difference between Expected and Actual Experience	0
Net Change in Total OPEB Liability       642,978         Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       \$0         Contributions to OPEB trust       \$0         Contributions/benefit payments made from general operating funds       \$77,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Change of Assumptions	342,382
Total OPEB Liability – Beginning       \$15,740,138         Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       \$0         Contributions to OPEB trust       \$0         Contributions/benefit payments made from general operating funds       577,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Benefit Payments (Including Refunds of Employee Contributions)	(577,388)
Total OPEB Liability – Ending (a)       \$16,383,116         Plan Fiduciary Net Position       \$0         Contributions to OPEB trust       \$0         Contributions/benefit payments made from general operating funds       577,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Net Change in Total OPEB Liability	642,978
Plan Fiduciary Net Position         Contributions to OPEB trust       \$ 0         Contributions/benefit payments made from general operating funds       577,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Total OPEB Liability – Beginning	\$15,740,138
Contributions to OPEB trust\$0Contributions/benefit payments made from general operating funds577,388Net Investment Income0Benefit Payments (Including Refunds of Employee Contributions)(577,388)Administrative Expenses0Other0Net Change in Fiduciary Net Position0Plan Fiduciary Net Position – Beginning0Plan Fiduciary Net Position – Ending (b)0Net OPEB Liability – Ending (a)-(b)\$16,383,116Plan Fiduciary Net Position as a Percentage of Total OPEB Liability0.0%Covered Employee PayrollNot avail.	Total OPEB Liability – Ending (a)	\$16,383,116
Contributions to OPEB trust\$0Contributions/benefit payments made from general operating funds577,388Net Investment Income0Benefit Payments (Including Refunds of Employee Contributions)(577,388)Administrative Expenses0Other0Net Change in Fiduciary Net Position0Plan Fiduciary Net Position – Beginning0Plan Fiduciary Net Position – Ending (b)0Net OPEB Liability – Ending (a)-(b)\$16,383,116Plan Fiduciary Net Position as a Percentage of Total OPEB Liability0.0%Covered Employee PayrollNot avail.	Plan Elduciary Net Position	
Contributions/benefit payments made from general operating funds       577,388         Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.		\$ O
Net Investment Income       0         Benefit Payments (Including Refunds of Employee Contributions)       (577,388)         Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.		577,388
Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Net Investment Income	
Administrative Expenses       0         Other       0         Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Benefit Payments (Including Refunds of Employee Contributions)	(577,388)
Net Change in Fiduciary Net Position       0         Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Administrative Expenses	0
Plan Fiduciary Net Position – Beginning       0         Plan Fiduciary Net Position – Ending (b)       0         Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Other	0
Plan Fiduciary Net Position Ending (b)       0         Net OPEB Liability Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Net Change in Fiduciary Net Position	0
Net OPEB Liability – Ending (a)-(b)       \$16,383,116         Plan Fiduciary Net Position as a Percentage of Total OPEB Liability       0.0%         Covered Employee Payroll       Not avail.	Plan Fiduciary Net Position – Beginning	0
Plan Fiduciary Net Position as a Percentage of Total OPEB Liability     0.0%       Covered Employee Payroll     Not avail.	Plan Fiduciary Net Position Ending (b)	0
Covered Employee Payroll Not avail.	Net OPEB Liability – Ending (a)-(b)	\$16,383,116
covered imposed region	Plan Fiduciary Net Position as a Percentage of Total OPEB Liability	0.0%
	Covered Employee Payroll	Not avail.
	Net OPEB Liability as Percentage of Payroll	Not avail.

#### **Schedule of Employer Contributions**

	Fiscal Year Endi	ng December 31,
	2017	2018
Service Cost (End of Year)	290,829	292,719
Amortization of unfunded liability	<u>1,877,187<sup>1</sup></u>	2,144,058
Actuarially Determined Employer Contribution	2,168,016	2,436,777
Employer Contribution	TBD	TBD
Contribution Deficiency/(Excess)	TBD	TBD
Covered Employee Payroll	Not avail	Not avail
Contribution as a Percentage of Covered Payroll	Not avail	Not avail

<sup>1</sup> Based on 9 year, level percent of pay, amortization of unfunded liability; alternative funding scenarios could be considered

#### Assumptions Used in Calculation of Actuarially Determined Contribution

#### Valuation Date

December 31, 2017

#### **Actuarial Methods**

Cost method

Entry Age Normal (level percentage of compensation)

Asset valuation method Not applicable, plan is not funded

#### **Actuarial Assumptions**

**Discount rate** – 3.8% for December 31, 2016 liability and 2017 contribution; 3.8% for December 31, 2017 liability and 2018 contribution Rationale –20 year Aa Municipal Bond Rate

**Payroll inflation** – 3.0% Rationale – Consistent with employer expectations

**Return on plan assets** – Not Applicable Rationale – The plan is unfunded

**Mortality rates** – IRS 1.430(h) Annuitant and Non-annuitant (sex distinct) tables Rationale – Contemporary tables used for private pension plan funding

#### Annual claims costs - see rates below

Rationale - Actual retiree premium rates in effect as of the valuation date

			AFSCME	
Pre-65		POAM	Non-Rep	COAM
<b>BCN</b> Premiums	IAFF	Dispatch	TPOAM	POAM
Single	\$10,895	\$10,007	\$10,619	\$10,307
Double	23,687	22,799	23,411	23,099
Family	25,436			

	BCN	and the second
Post-65	Medicare	Blue Cross
Premiums	Advantage	Blue Shield
Single	\$ 3,890	\$ 6,429
Double	7,780	12,857
Single Regular/ Single Medicare	11,712	N/A

	Dental	Vision
Single	\$448.92	\$ 61.44
Double	830.64	110.76

Taxable Wage Base	
Officers	\$73,338
Sergeant	85,073

<sup>1</sup> Rate available for certain IAFF retirees

#### **Medical Inflation:**

Medical – 7.5% graded to 4.5% over 6 years Dental and Vision – 3.0% Consumer Price Index (CPI) – 2.0% Rationale – per input from plan sponsor and consistent with national trends

**Wage base annual increase** – 3.0% Rationale – Consistent with experience

Implicit subsidy -- not applicable Rationale -- Separate rates for retired participants

**Turnover rates** – See sample rates below Rationale – Consistent with experience

Age	Rate
20	5.00%
25	5.00
30	4.50
35	3.55
40	1.45
45	0.75
50	0.75

**Retirement rates:** 

COAM, IAFF and POAM - 100% after 29 years of service

All others - see rates below

Age	Percentage
60	20.0%
61-63	24.0
64	27.0
65-69	30.0
70	100.0

Rationale – Consistent with experience

Marital assumption – 80% will have covered spouse at retirement with females 3 years younger than males; actual spouse data used for retirees Rationale – Consistent with experience

Family Coverage Assumption – Retirees with family coverage are assumed to switch to double coverage at age 60.

Rationale - Consistent with experience

**40% excise tax on "high cost" group health coverage** – BCN premiums, when aggregated, are not projected to exceed the 2020 thresholds; The thresholds were indexed by CPI plus 1% in 2021 and CPI only beginning in 2022

#### Method change since prior valuation

• Entry Age Normal (level percent of pay) funding method adopted with 3.0% salary scale

#### Assumption changes since prior valuation

- Mortality updated from 2015 to 2018 tables
- Retirees with family coverage are assumed to change to double coverage at age 60 rather than age 55

Schedule of Difference between Actual and Expected Experience

	Difference Between Expected	Recognition	- 8	Amount Reci	ognized in V	nar Ended D	esember 31.		Deferred	Deferred
Year Ended December 31,	and Actual Experience	Period (Years)	2017	2012	2019	2020	2025	-	Outflow of Resources	Inflow of Resources
2017	\$0	5.7	Q	<u>0</u>	Q	Q	<u>0</u>	<u>0</u>	<u>0</u>	0
Net Recognized in OPEB Expense			Q	Q	Q	Q	<u>0</u>	Q	Q	Q

Schedule of Changes in Assumptions

	Recognition	Amount Recognized in Year Ended December 31,						Deferred	Defarred	
Year Ended December 31.	Changes in Assumptions	Period (Years)	5057	1018	2026	2020	2021	20021-	Outflow of Resources	Inflaw al Resources
2017	\$342,382	5.7	60.067	60.067	<u>60.067</u>	<u>60.067</u>	60.067	42,047	282.315	Q
Net Recognized in OPEB Expense			<u>60.067</u>	<u>60,067</u>	<u>60,067</u>	<u>60.067</u>	<u>60,067</u>	42,047	282,315	Q

Schedule of Differences between Projected and Actual Earnings on OPEB Plan Investments

	Difference Setween Expected and Actual	Recognition	3	Amount Recognized in Year Ended December 31.						Deferred
Year Ended December 31	Earnings on OPEB Assets	Period (Years)	2017	2018	2015	2020	2021	2522+	Outflow of Resources	Inflow of Resources
2017	\$0	5.00	Q	Q	Q	<u>0</u>	Q	<u>0</u>	<u>0</u>	0
Net Recognized in OPEB Expense			Q	Q	Q	Q	Q	Q	Q	2

#### Total Deferred Outflow/(Inflow) of Resources

	Amount Recognized in Year Ended December 31,				
	2018	2015	3030	2021	2033+
Total Deferred Outflow/(Inflow) of Resources	60.067	60,067	<u>60,067</u>	<u>60.067</u>	42,047

12

#### GLOSSARY

A number of special terms and concepts are used in connection with OPEB plans and the OPEB accounting report. The following list reviews a number of these terms and provides a brief discussion of their meaning.

**Accrued Benefit** - Each participant has an accrued benefit under the plan. This is the amount of monthly benefit already earned. It is based on past employment with the city and is payable at normal retirement.

**Actuarial Cost Method** - This is a mathematical formula which is used to allocate the present value of projected benefits to past and future plan years.

Amortization – The difference between actual and expected investment returns, the difference between actual and expected experience, and the impact of any plan or assumption changes will be amortized and paid over future years.

**Depletion Date (Cross-over Point)** – The projected date (if any) where plan assets, including future contributions, are no longer sufficient to pay Projected Benefit Payments to current members.

**Long-term expected rate of return** – The rate of return based on the nature and mix of current and expected plan investments and over the time period from when an employee is hired to when all benefits to the employee have been paid.

**Market Value of Assets** – The market value of all assets in the fund including any accrued contribution for the previous plan year, which was not paid by the end of the year.

**Measurement Date** – The date the Total OPEB Liability, Fiduciary Net Position, and Net OPEB Liability are determined. For GASB 67, the measurement date is the plan's current fiscal year end.

Net OPEB Liability (NOL) - The Total OPEB Liability less the Plan Fiduciary Net Position.

Plan Fiduciary Net Position – The market value of plan assets as of the measurement date.

**OPEB Expense (OE)** – The change in the Net OPEB Liability (NOL) recognized in the current measurement period. Changes to the NOL not fully recognized in a given year's OPEB expense will be maintained as deferred inflows and deferred outflows. These will be recognized incrementally in the OPEB expense over time.

**Present Value** - The present value of a future payment or a series of payments is the amount of each payment, discounted to recognize the time value of money, and further reduced for the probability that the payment might not be made because of death, disability or termination of employment.

**Present Value of Accumulated Benefits** - The discounted value of all monthly benefit payments due in the future, based on current accrued benefits.

#### GLOSSARY

**Present Value of Vested Accumulated Benefits** - The discounted value of all monthly benefit payments due in the future, based on current vested benefits.

**Projected Benefit Obligation** - The value of benefits earned to the measurement date, but based on anticipated salary levels at retirement, computed in accordance with GAAP accounting rules.

**Projected Benefit Payments** – All benefits projected to be payable to current active and inactive participants as a result of their past service and their expected future service.

**Real Rate of Return** – The rate of return on an investment after the adjustment to eliminate inflation.

Service Cost - The value of benefits earned during the current year computed in accordance with GAAP accounting rules.

**Single Equivalent Discount Rate** – The single rate that gives the same total present value as discounting the Projected Benefit Payments with the long-term expected rate of return until the Depletion Date and discounting any remaining Projected Benefit Payments with the yield on a 20-year AA/Aa tax-exempt municipal bond index.

**Total OPEB Liability (TOL)** – The actuarial present value of the accrued benefit determined under the entry age actuarial cost method calculated using the Blended Single Equivalent Discount Rate.

# Attachment - 2b

#### Plymouth Township Retiree Medical Plan

Projected		Claimants					
	Present						
	value						
	future		Service	Benefit	Current	Future	
Year	benefits	Liability	cost	payments	retirees	retirees	Totai
1	19,126,282	16,383,116	290,829	588,358	87	5	92
2	19,242,365	16,696,839	292,719	619,134	91	9	100
3	19,330,913	16,992,500	285,800	685,598	89	14	104
4	19,353,837	17,223,224	284,342	656,934	87	17	105
5	19,407,385	17,490,956	252,767	764,115	85	26	112
6	19,351,714	17,624,834	244,886	807,6 <del>9</del> 1	83	30	113
7	19,248,697	17,710,386	224,466	872,200	81	37	118
8	19,074,803	17,711,033	187,183	984,636	79	45	124
9	18,777,594	17,556,296	180,598	994,461	75	48	123
10	18,458,892	17,378,645	181,771	975,227	73	49	122
11	18,148,044	17,215,427	173,620	969,451	71	52	123
12	17,831,380	17,043,540	150,032	1,034,441	68	57	125
13	17,435,223	16,773,178	140,191	1,094,290	66	60	126
14	16,961,888	16,420,205	113,842	1, <b>178,454</b>	63	65	128
15	16,383,205	15,939,106	88,755	1,266,721	61	69	130
16	15,690,911	15,322,064	89,691	1,257,036	58	69	127
17	14,982,362	14,692,598	80,793	1,253,527	56	70	126
18	14,250,531	14,033,618	50,348	1,369,441	53	75	128
19	13,370,571	13,197,677	45,241	1,318,920	51	75	125
20	12,509,615	12,377,110	38,693	1,235,874	48	75	123
21	11,702,142	11,604,766	38,957	1,224,330	45	74	120
22	10,875,969	10,815,329	32,544	1,113,839	43	75	117
23	10,133,091	10,103,928	13,366	1,101,748	40	76	116
24	9,374,534		2,731	1,125,444	38	76	113
25	8,562,556		2,680	1,033,629	35	74	109
26	7,815,026		2,657	958,723	33	72	105
27	7,116,843		2,532	886,900	30	71	101
28	6,466,680	6,459,305	2,077	851,295	28	69	97
29	5,828,770		1,617	734,024	25	68	93
30	5,288,346		1,258	632,852	23	66	89
31	4,832,402		978	596,784	20	64	84
32	4,396,572		729	530,309	18	62	80
33	4,013,180		520	518,060	16	60	76
34	3,627,935		371	482,768	14	57	72
35	3,264,683		264	403,196	12	55	67
36	2,970,223	2,970,035	188	385,587	11	53	63
37	2,682,852	2,682,852	0	341,833	9	50	59
38	2,429,978	2,429,978	0	296,661	8	48	55
39	2,214,383	2,214,383	0	277,196	7	45	52
	·	•					

41       1,819,368       1,819,368       0       239,292       4       40       45         42       1,640,119       1,640,119       0       221,068       4       38       41         43       1,472,975       1,472,975       0       203,467       3       35       38         44       1,317,749       1,317,749       0       186,557       2       33       35         45       1,174,178       1,174,178       0       169,831       2       30       32         46       1,042,512       1,042,512       0       154,667       1       28       29         47       921,583       921,583       0       140,301       1       25       26								
421,640,1191,640,1190221,06843841431,472,9751,472,9750203,46733538441,317,7491,317,7490186,55723335451,174,1781,174,1780169,83123032461,042,5121,042,5120154,6671282947921,583921,5830140,30112526	40	2,010,801	2,010,801	0	258,038	5	43	48
431,472,9751,472,9750203,46733538441,317,7491,317,7490186,55723335451,174,1781,174,1780169,83123032461,042,5121,042,5120154,6671282947921,583921,5830140,30112526	41	1,819,368	1,819,368	0	239,292	4	40	45
441,317,7491,317,7490186,55723335451,174,1781,174,1780169,83123032461,042,5121,042,5120154,6671282947921,583921,5830140,30112526	42	1,640,119	1,640,119	0	221,068	4	38	41
451,174,1781,174,1780169,83123032461,042,5121,042,5120154,6671282947921,583921,5830140,30112526	43	1,472,975	1,472,975	0	203,467	3	35	38
46         1,042,512         1,042,512         0         154,667         1         28         29           47         921,583         921,583         0         140,301         1         25         26	44	1,317,749	1,317,749	0	186,557	2	33	35
47 921,583 921,583 0 140,301 1 25 26	45	1,174,178	1,174,178	0	169,831	2	30	32
	46	1,042,512	1,042,512	0	154,667	1	28	29
48 810,971 810,971 0 126,314 1 23 24	47	921,583	921,583	0	140,301	1	25	26
	48	810,971	810,971	0	1 <b>26,314</b>	1	23	24
49 710,674 710,674 0 113,763 1 21 21	49	710,674	710,674	0	113,763	1	21	21
50 619,594 <u>619,594</u> 0 102,010 0 19 19	50	619,594	619,594	0	102,010	0	19	19

#### AFSCME, TPOAM, Non-represented and Elected Officials

Eligibility – AFSCME, TPOAM and Non-represented	Hired prior to January 1, 2009 <sup>1</sup> ; Age 60 and age plus service equal to 75 or age 55 with 20 years of service
Eligibility – Elected Officials	Hired prior to January 1, 2009; Service by the full-time elected official of five full terms as a full-time elected official, or service of a minimum of twenty-five years of full time employment with the Township, including at least two consecutive full time elected official terms.
Benefits:	
Pre-65	Health insurance coverage under HMO or PPO (if available) provided by Plymouth Township for retiree and spouse
Pre-65 Opt out	Annual taxable cash benefit of \$3,900
Medicare eligible:	
Retired prior to January 1, 2009	Health insurance coverage supplemental to Medicare for retiree and spouse
Retired on or after January 1, 2009	Annual reimbursement up to (as of 2017) \$1,637 for single or \$3,274 for couple through an HRA, increased annually by CPI.
Retiree contribution:	
Retire prior to January 1, 2009	Pre-65: Retirees pay 5% of the premium.
Retire on or after January 1, 2009	
and prior to May 6, 2012	Pre-65: The Township pays 4% per year of service up to 100% of the active premium; retiree pays the balance
Retire on or after May 6, 2012	Pre-65: The Township pays 4% per year of service up to 80% of the active premium; retiree pays the balance

<sup>&</sup>lt;sup>1</sup> There is no OPEB liability for employees hired on or after January 1, 2009 who participate in the separate Heath Reimbursement Account Plan

#### COAM and POAM Police Officers

Eligibility	Hired prior to April 24, 2013 <sup>1</sup> ; 25 years of service
Benefits:	
Pre-65	Health insurance including dental, vision and prescription coverage under HMO or PPO provided by Plymouth Township for retiree and spouse
Pre-65 Opt out	Annual taxable cash benefit of \$3,900
Medicare eligible:	
Retired prior to January 1, 2012	Health insurance coverage supplemental to Medicare for retiree and spouse
Retired on or after	
January 1, 2012	Annual reimbursement up to (as of 2017) \$1,637 for single or \$3,274 for couple through an HRA, increased annually by CPI.
Retiree contribution:	
Pre-65	
Retire prior to January 1, 2009	Difference between HMO and PPO if electing PPO coverage
Retire on or after January 1, 2009	-
and prior to January 1, 2012	1% of annual base wage at retirement until age 60 plus difference between HMO and PPO if electing PPO coverage; Retirees electing family coverage pay the full cost of coverage
Retire on or after January 1, 2012	Contribute 20% of the costs of Township-provided health insurance plus difference between HMO and PPO if electing PPO coverage Retirees who elect family coverage pay the full cost of coverage
Medicare eligible	Medical costs in excess of maximum reimbursement
Life insurance	No life insurance benefits provided for future retirees

<sup>&</sup>lt;sup>1</sup> There is no OPEB liability for employees hired on or after April 24, 2013 who participate in the separate Heath Reimbursement Account Plan

POAM Dispatch

Eligibility	Hired prior to January 1, 2012 <sup>1</sup> ; Age 55 and 25 years of service		
Benefits:			
Pre-65	Health insurance including dental, vision and prescription coverage under HMO or PPO provided by Plymouth Township for retiree and spouse		
Pre-65 Opt out	Annual taxable cash benefit of \$3,900		
Medicare eligible:	Annual reimbursement up to (as of 2017) \$1,637 for single or \$3,274 for couple through an HRA, increased annually by CPI.		
Retiree contribution:			
Pre-65	Contribute 20% of the costs of Township-provided health insurance plus difference between HMO and PPO if electing PPO coverage Retirees who elect family coverage pay the full cost of coverage		
Medicare eligible	Medical costs in excess of maximum reimbursement		
Life insurance	No life insurance benefits provided for future retirees		

<sup>&</sup>lt;sup>1</sup> There is no OPEB liability for employees hired on or after January 1, 2012 who participate in the separate Heath Reimbursement Account Plan

IAFF

Eligibility	Hired prior to May 6, 2012 <sup>1</sup> ; 25 years of service		
Benefits			
Pre-65	Health insurance including dental, vision and prescription drug coverage under HMO or PPO provided by Plymouth Township for retiree and spouse		
Pre-65 Opt out	Annual taxable cash benefit of \$3,900		
Medicare eligible:			
Retired prior to May 6, 2012	Health insurance coverage supplemental to Medicare for retiree and spouse; Medicare Part B reimbursement for those hired prior to 1961		
Retired on or after			
May 6, 2012	Annual reimbursement up to (as of 2017) \$1,554 for single or \$3,108 for couple through an HRA increased annually by CPI		
Retiree contribution			
Pre-65			
Retire prior to May 6, 2012	Dependent coverage for health care, dental and vision: retiree pays 75% difference between family and 2 person plus 2% of retiree premium to cover administrative costs		
Retire on or after May 6, 2012	Retiree pays 20% of health care cost for retiree coverage; Dependent coverage for health care, dental and vision: retiree pays 75% difference between family and 2 person plus 2% of retiree premium to cover administrative costs		
Medicare eligible	Medical costs in excess of maximum reimbursement		
Life insurance	\$2,000 if retired prior to June 19, 2014		

<sup>&</sup>lt;sup>1</sup> There is no OPEB liability for employees hired on or after May 6, 2012 who participate in the separate Heath Reimbursement Account Plan

Teamsters	
Eligibility	Hired Prior to January 1, 2010 <sup>1</sup> ; Age 55 with 25 years of service or age 60 with 20 years of service
Benefits	
Pre-65	Health insurance coverage under HMO or PPO provided by Plymouth Township for retiree and spouse
Pre-65 Opt out	Annual taxable cash benefit of \$3,900
Medicare eligible:	
Retired prior to January 1, 2010	Health insurance coverage supplemental to Medicare for retiree and spouse
Retired on or after January 1, 2010	Annual reimbursement up to (as of 2017) \$1,637 for single or \$3,274 for couple through an HRA, increased
Retiree Contribution	annually by CPI.
Retired before January 1, 2010	Pre-65: Retiree pays 5% of the premium
Retirement after January 1, 2010	Pre-65: The Township pays 4% per year of service up to 100% of the active premium; retiree pays the balance

<sup>&</sup>lt;sup>1</sup> There is no OPEB liability for employees hired on or after January 1, 2010 who participate in the separate Heath Reimbursement Account Plan

# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# **ITEM F.2 RESCISSION OF IFT DESIGNATION RESOLUTION #2018-09-04-64**



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 04, 2018

**ITEM:** Resolution 2018-09-04-64 Revocation of Industrial Facilities Exemption Certificate

**PRESENTER:** Clerk Jerry Vorva

**OTHER INDIVIDUALS IN ATTENDANCE:** 

**BACKGROUND:** R & D Enterprises Inc., received in 2005 an Industrial Facilities Exemption Certificate. Prior to December 31, 2017 they vacated the facility and relocated to another community. This action constitutes a statutory basis to revoke said Certificate. The Assessing Department has requested revocation.

8

**ACTION REQUESTED:** Approval of Resolution

**BUDGET/ACCOUNT NUMBER: N/A** 

<u>PROPOSED MOTION</u>: I move to approve Resolution # 2018-09-04-64 requesting the State Tax Commission revoke the Industrial Facilities Exemption Certificate Number 2005-316 granted to R & D Enterprises Inc. located at 46900 Port Street, Plymouth, Michigan 48170 pursuant to MCLA 207.565 (2).

ATTACHMENTS: N/A

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

### **RESOLUTION # 2018-09-04-64**

# RESOLUTION TO REVOKE INUSTRIAL FACILITIES EXEMPTION CERTIFICATE NUMBER 2005-316

At a special meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on September 4, 2018, the following resolution was offered:

WHEREAS, R & D Enterprises Inc. of 46900 Port Street, Plymouth, Michigan 48170 received an Industrial Facilities Exemption Certificate Number 2005-316 for improvements to real and personal property, and

WHEREAS, the Charter Township of Plymouth Board of Trustees has determined that R & D Enterprises Inc., has vacated the above address and moved to another community before December, 31 2017, and

WHEREAS, the Charter Township of Plymouth Board of Trustees finds that R & D Enterprises, Inc. vacation of 46900 Port Street, Plymouth, Michigan 48170 constitutes a statutory basis to revoke the Industrial Facilities Exemption Certificate Number 2005-316,

**NOW, THEREFORE**, be it resolved that the Charter Township of Plymouth Board of Trustees pursuant to MCLA 207.565(2) hereby request the State Tax Commission to revoke the above referenced Industrial Facilities Exemption Certificate, granted to R & D Enterprises Inc., for both real and personal property improvements at its facility located at 46900 Port Street, Plymouth, Michigan, 48170 for the reason R & D Enterprises, Inc. has ceased operation at and vacated the premises of this facility and the purposes for which the certificate was issued are not being fulfilled as a result of a failure of the holder to proceed in good faith with the operation of the replacement facility or new facility.

Moved by:	Supported by:
	ROLL CALL VOTE:
CC,JD,	_JV,MC,RD,GH,KH
	]
	Certification
	egoing is a true and complete copy of the Board of Trustees at the Special Board Meeting
Jerry Vorva, Clerk Charter Township of Plymo	Date

Resolution # 2018-09-04-64

# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# ITEM F.3 APPROVAL OF GRANT AGREEMENT WITH THE MEDC FOR VIPER 911 DISPATCH SYSTEM RESOLUTION #2018-09-04-65



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** September 4, 2018

ITEM: Resolution to approve Grant Agreement with the Michigan Economic Development Corporation (MEDC) for 'Viper' 911 Dispatch System

**PRESENTER:** Supervisor Heise, Lt. Brothers

**BACKGROUND:** As you recall, State Representative Jeff Noble secured \$200,000 in the State of Michigan's FY 2018-19 budget for a new 'Viper" 911 Dispatch System for Plymouth Township. In order for us to obtain this grant we need to approve an agreement with the Michigan Economic Development Corporation who is the agency responsible for releasing and administering the grant pursuant to the State's budget legislation. None of the dispatch equipment has been purchased as of yet.

<u>PROPOSED MOTION</u>: I move that the Board of Trustees approve Resolution 2018-09-04-65 approving the Grant Agreement with the MEDC in the amount of \$200,000 for the purpose of purchasing a new "Viper" 911 Dispatch System and authorize the Supervisor and Clerk to sign same.

Moved By \_\_\_\_\_\_ Seconded By \_\_\_\_\_

**ROLL CALL:** 

\_\_\_\_Vorva\_\_\_ Curmi,\_\_\_ Clinton, \_\_\_Heitman, \_\_\_Doroshewitz, \_\_\_Dempsey, \_\_\_Heise

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

# RESOLUTION # 2018-09-04-65 Resolution to Approve Grant Agreement with the Michigan Economic Development Corporation (MEDC) for 'Viper' 911 Dispatch System

At a special meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on September 4, 2018, the following resolution was offered:

WHEREAS, State Representative Jeff Noble secured \$200,000.00 in the State of Michigan's 2018-2019 budget for a new 'Viper' 911 Dispatch System for Plymouth Township, and,

WHEREAS, in order for us to obtain this grant we need to approve an agreement with the Michigan Economic Development Corporation (MEDC), which is the agency responsible for releasing and administering the grant pursuant to the State's budget legislation,

**NOW THEREFORE, BE IT RESOLVED,** that the Charter Township of Plymouth, by way of this resolution #2018-09-04-65, does hereby authorize the approval of this Grant Agreement with the MEDC in the amount of \$200,000.00 for the purpose of purchasing a 'Viper' 911 Dispatch System and authorize the Supervisor and the Clerk to sign the same.

Supported by:	
ROLL CALL VOTE:	
JD,JV,MC,RD,GH,	_ KH
Certification	
)	
by the Board of Trustees at the Special Board	
Date	
	N )   E )   t the foregoing is a true and complete copy of by the Board of Trustees at the Special Board, 2018.

Resolution # 2018-09-04-65

#### MICHIGAN ECONOMIC DEVELOPMENT CORPORATION GRANT WITH CHARTER TOWNSHIP OF PLYMOUTH

The Michigan Economic Development Corporation (the "MEDC") enters into a binding agreement (the "Agreement") with Charter Township of Plymouth (the "Grantee"). As used in this Agreement, the MEDC and Grantee are sometimes individually referred to as a "Party" and collectively as "Parties."

- <u>Grantee</u>: Charter Township of Plymouth 9955 North Haggerty Plymouth, Michigan 48170
- I. <u>NATURE OF SERVICES.</u> The purpose of this Agreement is to provide funding to the Grantee for the installation of a new Viper 911 system and dispatch computers (the "Grant Activities").

#### II. PERFORMANCE SCHEDULE.

Starting Date: June 25, 2018 Ending Date: September 30, 2019

The term of this Agreement (the "Term") shall commence on the Starting Date and shall continue until the occurrence of an event described in Section IX of this Agreement.

**III. INCORPORATION BY REFERENCE.** The following documents are incorporated by reference as binding obligations, term and conditions of the Agreement.

Exhibit A: Grantee's Budget Exhibit B: Grantee's Scope of Work

In the event of any inconsistency between the provisions of Exhibits A, B and this Agreement, the provisions of this Agreement shall control.

#### IV. PAYMENT SCHEDULE INFORMATION.

A. The MEDC agrees to pay the Grantee a sum not to exceed \$200,000 (the "Grant"). A disbursement of 50% of the funds may be made following Grant Agreement execution and authorization by the Grant Administrator. Additional funds shall only be disbursed after verification that the previous payment has been expended, in full, in accordance with the Agreement.

- **B.** Payment(s) under this Agreement shall be made by the MEDC to Grantee upon receipt and approval by the Grant Administrator of Grantee's billing statement(s) stating that the work for which payment is requested has been appropriately performed. Grantee shall provide Grantee's billing statement(s) to Grant Administrator or at Grant Administrator's direction. Grant Administrator shall provide Grantee with appropriate submission instructions of Grantee's billing statement(s).
- C. MEDC requires that payments under this Agreement be processed by electronic funds transfer (EFT). Grantee is required to register to receive payments by EFT at the State Integrated Governmental Management Applications (SIGMA) Vendor Self Service (VSS) website (www.michigan.gov/VSSLogin).
- D. The Grantee agrees that all funds shown in the Budget, described in Exhibit A, are to be spent as specified. This Agreement does not commit the MEDC to approve requests for additional funds during or beyond this Grant period.
- E. Changes in the Budget will be allowed only upon prior review and written approval by the Grant Administrator.
- F. Grantee's billing statement(s) may be subject to a final audit prior to the release of final payment.
- V. <u>MEDC GRANT ADMINISTRATOR.</u> The Grantee must communicate with the MEDC representative named below or his or her designee regarding this Agreement. The Grant Administrator may be changed, at any time, at the discretion of the MEDC.

Kristyn Blackmer (the "Grant Administrator") Michigan Economic Development Corporation 300 North Washington Square Lansing, Michigan 48913 <u>blackmerk1@michigan.org</u>

#### VI. GRANTEE DUTIES.

- A. The Grantee agrees to undertake, perform, and complete the services fully described in Exhibit B.
- **B.** The Grantee agrees to submit documentation of the expenditures of funds and submit progress reports to the satisfaction of the MEDC.

#### VII. RELATIONSHIP OF THE PARTIES.

- A. Due to the nature of the services described herein and the need for specialized skill and knowledge of Grantee, the MEDC is entering into this Agreement with Grantee. As a result, neither Grantee nor any of its employees or agents is or shall become an employee of the MEDC due to this Agreement.
- **B.** Grantee will provide the services and achieve the results specified in this Agreement free from the direction or control of the MEDC as to means and methods of performance.
- C. The MEDC is not responsible for any insurance or other fringe benefits, including, but not limited to, Social Security, Worker's Compensation, income tax withholdings, retirement or leave benefits, for Grantee or its employees. Grantee assumes full responsibility for the provision of all such insurance coverage and fringe benefits for its employees.
- **D.** All tools, supplies, materials, equipment and office space necessary to carry out the services described in this Agreement are the sole responsibility of Grantee unless otherwise specified herein.
- E. Grantee shall retain all control of its employees and staffing decisions independent of the direction and control of the MEDC.
- VIII. <u>ACCESS TO RECORDS.</u> During the Term, and for Seven years after the Ending Date, the Grantee shall maintain reasonable records, including evidence that the services actually were performed and the identity of all individuals paid for such services, and shall allow access to those records by the MEDC or their authorized representative at any time during this period.
- **IX. TERMINATION.** This Agreement shall terminate upon the earlier of the following:
  - A. The Ending Date.
  - B. Termination by the MEDC, by giving thirty calendar days prior written notice to the Grantee. In the event that the Legislature of the State of Michigan (the "State"), the State Government, or any State official, commission, authority, body, or employee or the federal government (a) takes any legislative or administrative action which fails to provide, terminates or reduces the funding necessary for this Agreement, or (b) takes any legislative or administrative action, which is unrelated to the source of funding for the Grant, but which affects the MEDC's ability to fund and administer this Agreement and other MEDC programs, provided, however, that in the event such action results in an immediate absence or termination of funding, cancellation may be made effective immediately upon delivery of notice to the Grantee.

- C. Termination by the MEDC pursuant to Section XIX of this Agreement.
- X. <u>MEDC EMPLOYEES.</u> The Grantee will not hire any employee of the MEDC to perform any services covered by this agreement without prior written approval from the Chief Executive Officer of the MEDC.
- XI. <u>CONFIDENTIAL INFORMATION.</u> Except as required by law, the Grantee shall not disclose any information, including targeted business lists, economic development analyses, computer programs, databases and all materials furnished to the Grantee by the MEDC without the prior written consent of the MEDC. All information described in this Section shall be considered "Confidential Information" under this Agreement. Confidential Information does not include: (a) information that is already in the possession of, or is independently developed by, Grantee; (b) becomes publicly available other than through breach of this Agreement; (c) is received by Grantee from a third party with authorization to make such disclosures; or (d) is released with MEDC's written consent.
- XII. <u>PUBLICATIONS.</u> Except for Confidential Information, the MEDC hereby agrees that researchers funded with the Grant shall be permitted to present at symposia, national, or regional professional meetings, and to publish in journals, theses or dissertations, or otherwise of their own choosing, the methods and results of their research. Grantee shall at its sole discretion and at its sole cost and expense, prior to publication, seek intellectual property protection for any Inventions (as described in Section XIII) if commercially warranted. Grantee shall submit to the MEDC a listing of articles that Grantee has submitted for publication resulting from work performed hereunder in its quarterly report to the MEDC. Grantee shall acknowledge the financial support received from the MEDC, as appropriate, in any such publication.
- XIII. <u>INTELLECTUAL PROPERTY RIGHTS.</u> Grantee shall retain ownership to the entire right, title, and interest in any new inventions, improvements, or discoveries developed or produced under this Grant, including, but not limited to, concepts know-how, software, materials, methods, and devices ("Inventions") and shall have the right to enter into license agreements with industry covering Inventions.
- XIV. <u>CONFLICT OF INTEREST.</u> Except as has been disclosed to the MEDC, Grantee affirms that neither the Grantee, nor its Affiliates or their employees has, shall have, or shall acquire any contractual, financial business or other interest, direct or indirect, that would conflict in any manner with Grantee's performance of its obligations under this Agreement or otherwise create the appearance of impropriety with respect to this Agreement.

Grantee further affirms that neither Grantee nor any affiliates or their employees has accepted or shall accept anything of value based on an understanding that the actions of the Grantee or its affiliates or either's employees on behalf of the MEDC would be influenced. Grantee shall not attempt to influence any MEDC employee

by the direct or indirect offer of anything of value. Grantee also affirms that neither Grantee, nor its Affiliates or their employees has paid or agreed to pay any person, other than bona fide employees and consultants working solely for Grantee or its Affiliate, any fee, commission, percentage, brokerage fee, gift or any other consideration contingent upon or resulting from the execution of this Agreement.

In the event of change in either the interests or services under this Agreement, Grantee will inform the MEDC regarding possible conflicts of interest which may arise as a result of such change. Grantee agrees that conflicts of interest shall be resolved to the MEDC's satisfaction or the MEDC may terminate this Agreement. As used in this Paragraph, "conflict of interest" shall include, but not be limited to, conflicts of interest that are defined under the laws of the State of Michigan.

XV. INDEMNIFICATION AND GRANTEE LIABILITY INSURANCE. To the extent permitted by law, the Grantee shall indemnify, defend and hold harmless the MEDC, its corporate board of directors, executive committee members including its participants, its corporate board of directors, its officers, agents, and employees (the "Indemnified Persons") from any damages that it may sustain through the negligence of the Grantee pertaining to the performance of this Agreement.

The Grantee shall maintain such insurance to protect the Indemnified Persons from claims that might arise out of or as a result of the Grantee's operations; however, Grantee's indemnification obligation shall not be limited to the limits of liability imposed under the Grantee's insurance policies. The Grantee will provide and maintain its own general liability, property damage, and workers compensation insurance. The insurance shall be written for not less than any limits of liability required by law for the Grantee's obligation for indemnification under this Agreement.

- XVI. <u>TOTAL AGREEMENT.</u> This Agreement, including the exhibits incorporated herein, is the entire agreement between the Parties superseding any prior or concurrent agreements as to the services being provided, and no oral or written terms or conditions which are not contained in this Agreement shall be binding. This Agreement may not be changed except by mutual agreement of the Parties reduced to writing and signed.
- XVII. <u>ASSIGNMENT/TRANSFER/SUBCONTRACTING.</u> Except as contemplated by this Agreement, the Grantee shall not assign, transfer, convey, subcontract, or otherwise dispose of any duties or rights under this Agreement without the prior specific written consent of the MEDC. Any future successors of the Grantee will be bound by the provisions of this Agreement unless the MEDC otherwise agrees in a specific written consent. The MEDC reserves the right to approve subcontractors for this Agreement and to require the Grantee to replace subcontractors who are found to be unacceptable.

- XVIII. <u>COMPLIANCE WITH LAWS.</u> The Grantee is not and will not during the Term be in violation of any laws, ordinances, regulations, rules, orders, judgments, decrees or other requirements imposed by any governmental authority to which it is subject, and will not fail to obtain any licenses, permits or other governmental authorizations necessary to carry out its duties under this Agreement.
- DEFAULT. The occurrence of any one or more of the following events or conditions XIX. shall constitute an "Event of Default" under this Agreement, unless a written waiver of the Event of Default is signed by the MEDC: (a) any representation, covenant, certification or warranty made by the Grantee shall prove incorrect at the time that such representation, covenant, certification or warranty was made in any material respect; (b) the Grantee's failure generally to pay debts as they mature, or the appointment of a receiver or custodian over a material portion of the Grantee's assets, which receiver or custodian is not discharged within Sixty calendar days of such appointment; (c) any voluntary bankruptcy or insolvency proceedings are commenced by the Grantee; (d) any involuntary bankruptcy or insolvency proceedings are commenced against the Grantee, which proceedings are not set aside within Sixty calendar days from the date of institution thereof; (e) any writ of attachment, garnishment, execution, tax lien, or similar writ is issued against any property of the Grantee, which is not removed within Sixty calendar days. (f) the Grantee's failure to comply with the reporting requirements hereof; (g) the Grantees failure to comply with any obligations or duties contained herein; (h) Grantee's use of the Grant funds for any purpose not contemplated under this Agreement.
- XX. AVAILABLE REMEDIES. Upon the occurrence of any one or more of the Events of Default, the MEDC may terminate this Agreement immediately upon notice to the Grantee. The termination of this Agreement is not intended to be the sole and exclusive remedy in case any Event of Default shall occur and each remedy shall be cumulative and in addition to every other provision or remedy given herein or now or hereafter existing at law or equity.
- XXI. <u>REIMBURSEMENT.</u> If this Grant is terminated as a result of Section XIX(h) hereof, the MEDC shall have no further obligation to make a Grant disbursement to the Grantee. The Grantee shall reimburse the MEDC for disbursements of the Grant determined to have been expended for purposes other than as set forth herein as well as any Grant funds, which were previously disbursed but not yet expended by the Grantee.
- XXII. <u>NOTICES.</u> Any notice, approval, request, authorization, direction or other communication under this Agreement shall be given in writing and shall be deemed to have been delivered and given for all purposes: (a) on the delivery date if delivered by electronic mail or by confirmed facsimile; (b) on the delivery date if delivered personally to the Party to whom the same is directed; (c) One business day after deposit with a commercial overnight carrier, with written verification of receipt; or (d) Three business days after the mailing date, whether or not actually received, if sent by U.S. mail, return receipt requested, postage and charges

prepaid, or any other means of rapid mail delivery for which a receipt is available. The notice address for the Parties shall be the address as set forth in this Agreement, with the other relevant notice information, including the recipient for notice and, as applicable, such recipient's fax number or e-mail address, to be as reasonably identified by notifying Party. The MEDC and Grantee may, by notice given hereunder, designate any further or different addresses to which subsequent notices shall be sent.

- XXIII. ACCESS TO RECORDS AND INSPECTION RIGHTS. During the Term, there will be frequent contact between the Grant Administrator and the Grantee. Until the end of the Term, to enable the MEDC to monitor and ensure compliance with the terms of this Agreement, the Grantee shall permit the MEDC to visit the Grantee, and any other location where books and records of the Grantee are normally kept, to inspect the books and records, including financial records and all other information and data relevant to the terms of this Agreement, including the expenditure of the Grant disbursements; provided, however, that such audit right shall survive the end of the Term by three (3) years. At such visits, the Grantee shall permit any employee or agent of the MEDC to make copies or extracts from information and to discuss the affairs, finances and accounts of the Grantee related to this Agreement with its officers, employees or agents. The MEDC shall have the right to remove, photocopy, photograph or otherwise record in any way any part of such books and records with the prior written consent of the Grantee, which consent shall not be unreasonably withheld.
- XXIV. <u>GOVERNING LAW.</u> This Agreement is made and entered into in the State of Michigan and shall in all respects be interpreted, enforced and governed under the laws of the State of Michigan without regard to the doctrines of conflict of laws. The terms of this provision shall survive the termination or cancellation of the Agreement
- XXV. <u>COUNTERPARTS AND COPIES.</u> The Parties hereby agree that the faxed signatures of the Parties to this Agreement shall be as binding and enforceable as original signatures; and that this Agreement may be executed in multiple counterparts with the counterparts together being deemed to constitute the complete agreement of the Parties. Copies (whether photostatic, facsimile or otherwise) of this Agreement may be made and relied upon to the same extent as though such copy was an original.
- XXVI. JURISDICTION. In connection with any dispute between the Parties under this Agreement, the Parties hereby irrevocably submit to jurisdiction and venue of the Michigan circuit courts of the State of Michigan located in Ingham County. Each Party hereby waives and agrees not to assert, by way of motion as a defense or otherwise in any such action any claim (a) that it is not subject to the jurisdiction of such court, (b) that the action is brought in an inconvenient forum, (c) that the venue of the suit, action or other proceeding is improper or (d) that this Agreement or the subject matter of this Agreement may not be enforced in or by such court.

- XXVII. <u>SURVIVAL.</u> The terms and conditions of sections VII, VIII, XI, XV, XVII, XXIV and XXVI shall survive termination of this Agreement.
- **XXVIII.** <u>PUBLICITY.</u> At the request and expense of the MEDC, the Grantee will cooperate with the MEDC to promote the Grant Activities through one or more of the placement of a sign, plaque, media coverage or other public presentation at the project or other location acceptable to the Parties.

The signatories below warrant that they are empowered to enter into this Agreement.

GRANTEE ACCEPTANCE:	Charter Township of Plymouth
Dated:	Kurt Heise Township Supervisor
MEDC ACCEPTANCE:	Michigan Economic Development Corporation
Dated:	Christin Armstrong

Christin Armstrong Secretary

#### EXHIBIT A

#### **GRANTEE'S BUDGET**

1. Grantee: Plymouth Township			2. Project Title: Viper 911 System			
3. Project Cost Elements	4. Funding Sources	1053261				
Activities	Special Legislative Grant	Local	Other	Other	Total	
3 position 911 Viper Sysytem	92,087 00				92,087.00	
shipping	891.00				891.00	
AT&T removal of old system	35,297.00				35,297.00	
training on new sysytem	8,395 00				8,395.00	
					1.00	
5 year maintenance and wa	63,330.00	37,470.00			100,800.00	
					1.65	
					585	
					1.67	
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Total	200,000.00	37,470.00	-		237,470.00	

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### EXHIBIT B

### GRANTEE'S SCOPE OF WORK

The Grantee will perform the following duties:

- Purchase the new 911 Viper system for three positions
- Removal of the old system and install the new 911 Viper system
- Providing training on the new system
- Provide 5 year maintenance and warranty including Power Metrics

# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# ITEM F.4 APPROVAL OF GRANT AGREEMENT WITH THE MEDC FOR NEW FIRE ENGINE RESOLUTION #2018-09-04-66



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

**MEETING DATE:** September 4, 2018

ITEM: Resolution to approve Grant Agreement with the Michigan Economic Development Corporation (MEDC) for New Fire Engine

**PRESENTER:** Supervisor Heise, Fire Chief Phillips

**BACKGROUND:** As you recall, State Representative Jeff Noble secured \$400,000 in the State of Michigan's FY 2018-19 budget for a new fire engine for Plymouth Township. In order for us to obtain this grant we need to approve an agreement with the Michigan Economic Development Corporation who is the agency responsible for releasing and administering the grant pursuant to the State's budget legislation. The Board approved the purchase of the Fire Engine on June 26<sup>th</sup>, Resolution # 2018-06-26-44.

<u>PROPOSED MOTION:</u> I move that the Board of Trustees approve Resolution 2018-09-04-66 approving the Grant Agreement with the MEDC in the amount of \$400,000 for the purpose of purchasing a new fire engine, pursuant to Board Resolution #2018-06-26-44, and authorize the Supervisor and Clerk to sign same.

Moved By	Seconded By
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**ROLL CALL:** 

\_\_\_\_Vorva\_\_\_ Curmi,\_\_\_ Clinton, \_\_\_Heitman, \_\_\_Doroshewitz, \_\_\_Dempsey, \_\_\_Heise

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

# RESOLUTION # 2018-09-04-66 Resolution to Approve Grant Agreement with the Michigan Economic Development Corporation (MEDC) for New Fire Engine

At a special meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on September 4, 2018, the following resolution was offered:

**WHEREAS**, State Representative Jeff Noble secured \$400,000.00 in the State of Michigan's 2018-2019 budget for a new Fire Engine for Plymouth Township, and,

WHEREAS, in order for us to obtain this grant we need to approve an agreement with the Michigan Economic Development Corporation (MEDC), which is the agency responsible for releasing and administering the grant pursuant to the State's budget legislation, and

WHEREAS, the Board approved the purchase of the Fire Engine on June 26, 2018, Resolution #2018-06-26-44,

**NOW THEREFORE, BE IT RESOLVED,** that the Charter Township of Plymouth, by way of this resolution #2018-09-04-66, does hereby authorize the approval of this Grant Agreement with the MEDC in the amount of \$400,000.00 for the purpose of purchasing a Fire Engine and authorize the Supervisor and the Clerk to sign the same.

Noved by:	Supported by:
	ROLL CALL VOTE:
CC,JD,	,JV,MC,RD,GH,KH
	Certification
STATE OF MICHIGAN	)
	ne foregoing is a true and complete copy of the It the Board of Trustees at the Special Board Meeting 018.
Jerry Vorva, Clerk Charter Township of P	Date Plymouth

Resolution # 2018-09-04-66

#### MICHIGAN ECONOMIC DEVELOPMENT CORPORATION GRANT WITH CHARTER TOWNSHIP OF PLYMOUTH

The Michigan Economic Development Corporation (the "MEDC") enters into a binding agreement (the "Agreement") with Charter Township of Plymouth (the "Grantee"). As used in this Agreement, the MEDC and Grantee are sometimes individually referred to as a "Party" and collectively as "Parties."

- <u>Grantee</u>: Charter Township of Plymouth 9955 North Haggerty Plymouth, Michigan 48170
- I. <u>NATURE OF SERVICES.</u> The purpose of this Agreement is to provide funding to the Grantee to replace an old obsolete fire pumper with a newer fire pumper for the citizens of Plymouth Township, Michigan (the "Grant Activities").

#### II. PERFORMANCE SCHEDULE.

Starting Date: June 25, 2018 Ending Date: September 30, 2019

The term of this Agreement (the "Term") shall commence on the Starting Date and shall continue until the occurrence of an event described in Section IX of this Agreement.

III. **INCORPORATION BY REFERENCE.** The following documents are incorporated by reference as binding obligations, term and conditions of the Agreement.

Exhibit A: Grantee's Budget Exhibit B: Grantee's Scope of Work

In the event of any inconsistency between the provisions of Exhibits A, B and this Agreement, the provisions of this Agreement shall control.

#### IV. PAYMENT SCHEDULE INFORMATION.

A. The MEDC agrees to pay the Grantee a sum not to exceed \$400,000 (the "Grant"). A disbursement of 50% of the funds may be made following Grant Agreement execution and authorization by the Grant Administrator. Additional funds shall only be disbursed after verification that the previous payment has been expended, in full, in accordance with the Agreement.

- B. Payment(s) under this Agreement shall be made by the MEDC to Grantee upon receipt and approval by the Grant Administrator of Grantee's billing statement(s) stating that the work for which payment is requested has been appropriately performed. Grantee shall provide Grantee's billing statement(s) to Grant Administrator or at Grant Administrator's direction. Grant Administrator shall provide Grantee with appropriate submission instructions of Grantee's billing statement(s).
- C. MEDC requires that payments under this Agreement be processed by electronic funds transfer (EFT). Grantee is required to register to receive payments by EFT at the State Integrated Governmental Management Applications (SIGMA) Vendor Self Service (VSS) website (www.michigan.gov/VSSLogin).
- **D.** The Grantee agrees that all funds shown in the Budget, described in Exhibit A, are to be spent as specified. This Agreement does not commit the MEDC to approve requests for additional funds during or beyond this Grant period.
- E. Changes in the Budget will be allowed only upon prior review and written approval by the Grant Administrator.
- F. Grantee's billing statement(s) may be subject to a final audit prior to the release of final payment.
- V. <u>MEDC GRANT ADMINISTRATOR.</u> The Grantee must communicate with the MEDC representative named below or his or her designee regarding this Agreement. The Grant Administrator may be changed, at any time, at the discretion of the MEDC.

Kristyn Blackmer (the "Grant Administrator") Michigan Economic Development Corporation 300 North Washington Square Lansing, Michigan 48913 <u>blackmerk1@michigan.org</u>

#### VI. <u>GRANTEE DUTIES.</u>

- A. The Grantee agrees to undertake, perform, and complete the services fully described in Exhibit B.
- **B.** The Grantee agrees to submit documentation of the expenditures of funds and submit progress reports to the satisfaction of the MEDC.

#### VII. RELATIONSHIP OF THE PARTIES.

- A. Due to the nature of the services described herein and the need for specialized skill and knowledge of Grantee, the MEDC is entering into this Agreement with Grantee. As a result, neither Grantee nor any of its employees or agents is or shall become an employee of the MEDC due to this Agreement.
- **B.** Grantee will provide the services and achieve the results specified in this Agreement free from the direction or control of the MEDC as to means and methods of performance.
- C. The MEDC is not responsible for any insurance or other fringe benefits, including, but not limited to, Social Security, Worker's Compensation, income tax withholdings, retirement or leave benefits, for Grantee or its employees. Grantee assumes full responsibility for the provision of all such insurance coverage and fringe benefits for its employees.
- **D.** All tools, supplies, materials, equipment and office space necessary to carry out the services described in this Agreement are the sole responsibility of Grantee unless otherwise specified herein.
- E. Grantee shall retain all control of its employees and staffing decisions independent of the direction and control of the MEDC.
- VIII. <u>ACCESS TO RECORDS.</u> During the Term, and for Seven years after the Ending Date, the Grantee shall maintain reasonable records, including evidence that the services actually were performed and the identity of all individuals paid for such services, and shall allow access to those records by the MEDC or their authorized representative at any time during this period.
- IX. **TERMINATION.** This Agreement shall terminate upon the earlier of the following:
  - A. The Ending Date.
  - B. Termination by the MEDC, by giving thirty calendar days prior written notice to the Grantee. In the event that the Legislature of the State of Michigan (the "State"), the State Government, or any State official, commission, authority, body, or employee or the federal government (a) takes any legislative or administrative action which fails to provide, terminates or reduces the funding necessary for this Agreement, or (b) takes any legislative or administrative action, which is unrelated to the source of funding for the Grant, but which affects the MEDC's ability to fund and administer this Agreement and other MEDC programs, provided, however, that in the event such action results in an immediate absence or termination of funding, cancellation may be made effective immediately upon delivery of notice to the Grantee.

- C. Termination by the MEDC pursuant to Section XIX of this Agreement.
- X. <u>MEDC EMPLOYEES.</u> The Grantee will not hire any employee of the MEDC to perform any services covered by this agreement without prior written approval from the Chief Executive Officer of the MEDC.
- XI. <u>CONFIDENTIAL INFORMATION.</u> Except as required by law, the Grantee shall not disclose any information, including targeted business lists, economic development analyses, computer programs, databases and all materials furnished to the Grantee by the MEDC without the prior written consent of the MEDC. All information described in this Section shall be considered "Confidential Information" under this Agreement. Confidential Information does not include: (a) information that is already in the possession of, or is independently developed by, Grantee; (b) becomes publicly available other than through breach of this Agreement; (c) is received by Grantee from a third party with authorization to make such disclosures; or (d) is released with MEDC's written consent.
- XII. <u>PUBLICATIONS.</u> Except for Confidential Information, the MEDC hereby agrees that researchers funded with the Grant shall be permitted to present at symposia, national, or regional professional meetings, and to publish in journals, theses or dissertations, or otherwise of their own choosing, the methods and results of their research. Grantee shall at its sole discretion and at its sole cost and expense, prior to publication, seek intellectual property protection for any Inventions (as described in Section XIII) if commercially warranted. Grantee shall submit to the MEDC a listing of articles that Grantee has submitted for publication resulting from work performed hereunder in its quarterly report to the MEDC. Grantee shall acknowledge the financial support received from the MEDC, as appropriate, in any such publication.
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Grantee further affirms that neither Grantee nor any affiliates or their employees has accepted or shall accept anything of value based on an understanding that the actions of the Grantee or its affiliates or either's employees on behalf of the MEDC would be influenced. Grantee shall not attempt to influence any MEDC employee

by the direct or indirect offer of anything of value. Grantee also affirms that neither Grantee, nor its Affiliates or their employees has paid or agreed to pay any person, other than bona fide employees and consultants working solely for Grantee or its Affiliate, any fee, commission, percentage, brokerage fee, gift or any other consideration contingent upon or resulting from the execution of this Agreement.

In the event of change in either the interests or services under this Agreement, Grantee will inform the MEDC regarding possible conflicts of interest which may arise as a result of such change. Grantee agrees that conflicts of interest shall be resolved to the MEDC's satisfaction or the MEDC may terminate this Agreement. As used in this Paragraph, "conflict of interest" shall include, but not be limited to, conflicts of interest that are defined under the laws of the State of Michigan.

XV. INDEMNIFICATION AND GRANTEE LIABILITY INSURANCE. To the extent permitted by law, the Grantee shall indemnify, defend and hold harmless the MEDC, its corporate board of directors, executive committee members including its participants, its corporate board of directors, its officers, agents, and employees (the "Indemnified Persons") from any damages that it may sustain through the negligence of the Grantee pertaining to the performance of this Agreement.

The Grantee shall maintain such insurance to protect the Indemnified Persons from claims that might arise out of or as a result of the Grantee's operations; however, Grantee's indemnification obligation shall not be limited to the limits of liability imposed under the Grantee's insurance policies. The Grantee will provide and maintain its own general liability, property damage, and workers compensation insurance. The insurance shall be written for not less than any limits of liability required by law for the Grantee's obligation for indemnification under this Agreement.

- XVI. <u>TOTAL AGREEMENT.</u> This Agreement, including the exhibits incorporated herein, is the entire agreement between the Parties superseding any prior or concurrent agreements as to the services being provided, and no oral or written terms or conditions which are not contained in this Agreement shall be binding. This Agreement may not be changed except by mutual agreement of the Parties reduced to writing and signed.
- XVII. <u>ASSIGNMENT/TRANSFER/SUBCONTRACTING.</u> Except as contemplated by this Agreement, the Grantee shall not assign, transfer, convey, subcontract, or otherwise dispose of any duties or rights under this Agreement without the prior specific written consent of the MEDC. Any future successors of the Grantee will be bound by the provisions of this Agreement unless the MEDC otherwise agrees in a specific written consent. The MEDC reserves the right to approve subcontractors for this Agreement and to require the Grantee to replace subcontractors who are found to be unacceptable.

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- **DEFAULT.** The occurrence of any one or more of the following events or conditions XIX. shall constitute an "Event of Default" under this Agreement, unless a written waiver of the Event of Default is signed by the MEDC: (a) any representation, covenant, certification or warranty made by the Grantee shall prove incorrect at the time that such representation, covenant, certification or warranty was made in any material respect; (b) the Grantee's failure generally to pay debts as they mature, or the appointment of a receiver or custodian over a material portion of the Grantee's assets, which receiver or custodian is not discharged within Sixty calendar days of such appointment; (c) any voluntary bankruptcy or insolvency proceedings are commenced by the Grantee; (d) any involuntary bankruptcy or insolvency proceedings are commenced against the Grantee, which proceedings are not set aside within Sixty calendar days from the date of institution thereof; (e) any writ of attachment, garnishment, execution, tax lien, or similar writ is issued against any property of the Grantee, which is not removed within Sixty calendar days. (f) the Grantee's failure to comply with the reporting requirements hereof; (g) the Grantees failure to comply with any obligations or duties contained herein; (h) Grantee's use of the Grant funds for any purpose not contemplated under this Agreement.
- XX. <u>AVAILABLE REMEDIES.</u> Upon the occurrence of any one or more of the Events of Default, the MEDC may terminate this Agreement immediately upon notice to the Grantee. The termination of this Agreement is not intended to be the sole and exclusive remedy in case any Event of Default shall occur and each remedy shall be cumulative and in addition to every other provision or remedy given herein or now or hereafter existing at law or equity.
- XXI. <u>REIMBURSEMENT.</u> If this Grant is terminated as a result of Section XIX(h) hereof, the MEDC shall have no further obligation to make a Grant disbursement to the Grantee. The Grantee shall reimburse the MEDC for disbursements of the Grant determined to have been expended for purposes other than as set forth herein as well as any Grant funds, which were previously disbursed but not yet expended by the Grantee.
- XXII. <u>NOTICES.</u> Any notice, approval, request, authorization, direction or other communication under this Agreement shall be given in writing and shall be deemed to have been delivered and given for all purposes: (a) on the delivery date if delivered by electronic mail or by confirmed facsimile; (b) on the delivery date if delivered personally to the Party to whom the same is directed; (c) One business day after deposit with a commercial overnight carrier, with written verification of receipt; or (d) Three business days after the mailing date, whether or not actually received, if sent by U.S. mail, return receipt requested, postage and charges

prepaid, or any other means of rapid mail delivery for which a receipt is available. The notice address for the Parties shall be the address as set forth in this Agreement, with the other relevant notice information, including the recipient for notice and, as applicable, such recipient's fax number or e-mail address, to be as reasonably identified by notifying Party. The MEDC and Grantee may, by notice given hereunder, designate any further or different addresses to which subsequent notices shall be sent.

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- XXV. <u>COUNTERPARTS AND COPIES.</u> The Parties hereby agree that the faxed signatures of the Parties to this Agreement shall be as binding and enforceable as original signatures; and that this Agreement may be executed in multiple counterparts with the counterparts together being deemed to constitute the complete agreement of the Parties. Copies (whether photostatic, facsimile or otherwise) of this Agreement may be made and relied upon to the same extent as though such copy was an original.
- XXVI. <u>JURISDICTION.</u> In connection with any dispute between the Parties under this Agreement, the Parties hereby irrevocably submit to jurisdiction and venue of the Michigan circuit courts of the State of Michigan located in Ingham County. Each Party hereby waives and agrees not to assert, by way of motion as a defense or otherwise in any such action any claim (a) that it is not subject to the jurisdiction of such court, (b) that the action is brought in an inconvenient forum, (c) that the venue of the suit, action or other proceeding is improper or (d) that this Agreement or the subject matter of this Agreement may not be enforced in or by such court.

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- XXVII. SURVIVAL. The terms and conditions of sections VII, VIII, XI, XV, XVII, XXIV and XXVI shall survive termination of this Agreement.
- XXVIII. PUBLICITY. At the request and expense of the MEDC, the Grantee will cooperate with the MEDC to promote the Grant Activities through one or more of the placement of a sign, plaque, media coverage or other public presentation at the project or other location acceptable to the Parties.

The signatories below warrant that they are empowered to enter into this Agreement.

GRANTEE ACCEPTANCE:	Charter Township of Plymouth		
Dated:	Kurt Heise Township Supervisor		
MEDC ACCEPTANCE:	Michigan Economic Development Corporation		
Dated:	Christin Armstrong Secretary		

8

#### EXHIBIT A

#### **GRANTEE'S BUDGET**

1 Grantee: Charter Township of Plymouth			2. Project Title Repaicement Fire Pumper				
3. Project Cost Elements	4. Funding Sources						
Activities	Special Legislative Grant	Local	Other Other		Total		
Purchase of Fire apparatus	400,000.00	262,309	(Exercised)		662,309.00		
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Total	408,000.00	262,309.00			662,309.00		

A-1

## EXHIBIT B

### **GRANTEE'S SCOPE OF WORK**

The Grantee will purchase a new fire apparatus as specified below:

Pricing includes the following:

- Unit Build
- 2 inspection trips to Appleton via Levy Airlines for three
- Delivery after final inspection
- Post delivery inspection
- Three operational training sessions
- Three foam training sessions
- Smart Power HR6.2 hydraulic generator to be provided
- Contingency fund

Build Schedule includes the following:

- Deliver proposed option list and build specs to Pierce Manufacturing
- Engineering designs drawn and delivered to Plymouth Township for review
- Assembly of major components for manufacture
- Manufacture vehicle
- Final inspection by Plymouth Township Fire Department

# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# ITEM F.5 POLICE DEPARTMENT PURCHASE AND INSTALLATION OF SERVER AND SECURITY CAMERAS RESOLUTION #2018-09-04-67



# CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

### MEETING DATE: September 04, 2018

<u>ITEM</u>: Police Department Purchase and installation of one (1) new 32 terabyte HD NVR Server and twenty two (22) new Avigilon Megapixel High Definition security cameras. Resolution #2018-09-04-67

**PRESENTER:** Chief Tom Tiderington and Lt. Jon Brothers

### **BACKGROUND**:

The Police Department is seeking board approval to purchase and install one (1) new 32 terabyte HD NVR Server and twenty two (22) Avigilon Megapixel High Definition security cameras inside the Police Department and on the exterior of the building. We are planning to utilize Federal Forfeiture Funds (Account 265-300) to pay for this project. The cost for this project will be \$56,848.40.

#### **ACTION REQUESTED:**

Approve the enclosed resolution authorizing the purchase and installation of one (1) 32 terabyte HD NVR Server and twenty two (22) new Avigilon Megapixel High Definition security cameras for a cost of \$56,848.40 to be paid from the Federal Forfeiture Account.

#### **RECOMMENDATION:**

Approve

<u>PROPOSED MOTION</u>: I move to approve Resolution #2018-09-04-67 authorizing the Plymouth Township Police Department to purchase and install a 32 terabyte HD NVR Server and twenty two (22) Avigilon Megapixel High Definition security cameras for an amount up to \$56,848.40 out of Federal Forfeiture Funds.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

ROLL CALL:

\_\_\_\_\_Vorva, \_\_\_Dempsey, \_\_\_\_Heitman, \_\_\_\_Clinton, \_\_\_\_Heise, \_\_\_\_Curmi, \_\_\_Doroshewitz



# CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

### MEETING DATE: September 04, 2018

<u>ITEM</u>: Police Department Purchase and installation of one (1) new 32 terabyte HD NVR Server and twenty two (22) new Avigilon Megapixel High Definition security cameras. Resolution #2018-09-04-67

**PRESENTER:** Chief Tom Tiderington and Lt. Jon Brothers

#### **BACKGROUND**:

The Police Department is seeking board approval to purchase and install one (1) new 32 terabyte HD NVR Server and twenty two (22) Avigilon Megapixel High Definition security cameras inside the Police Department and on the exterior of the building. We are planning to utilize Federal Forfeiture Funds (Account 265-300) to pay for this project. The cost for this project will be \$56,848.40.

#### **ACTION REQUESTED:**

Approve the enclosed resolution authorizing the purchase and installation of one (1) 32 terabyte HD NVR Server and twenty two (22) new Avigilon Megapixel High Definition security cameras for a cost of \$56,848.40 to be paid from the Federal Forfeiture Account.

#### **RECOMMENDATION:**

Approve

<u>PROPOSED MOTION</u>: I move to approve Resolution #2018-09-04- authorizing the Plymouth Township Police Department to purchase and install a 32 terabyte HD NVR Server and twenty two (22) Avigilon Megapixel High Definition security cameras for an amount up to \$56,848.40 out of Federal Forfeiture Funds.

Moved By \_\_\_\_\_\_ Seconded By \_\_\_\_\_\_

ROLL CALL:

Vorva, \_\_\_Dempsey, \_\_\_Heitman, \_\_\_Clinton, \_\_\_Heise, \_\_\_Curmi, \_\_\_Doroshewitz

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

# **RESOLUTION # 2018-09-04-67**

# Resolution to Approve the Purchase and Installation of one (1) new 32 terabyte HD NVR Server and twenty two (22) New Avigilon Megapixel High Definition Security Cameras

At a special meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on September 4, 2018, the following resolution was offered:

WHEREAS, The Police Department is seeking Board approval to purchase and install one (1) new 32 terabyte HD NVR Server and twenty two (22) New Avigilon Megapixel High Definition Security Cameras inside the Police Department and one on the exterior of the building, and,

WHEREAS, the Police Department plans to utilize Federal Forfeiture Funds (Account 265-300) to pay for this project, for a total cost of \$56,848.40,

**NOW THEREFORE, BE IT RESOLVED,** that the Charter Township of Plymouth, by way of this resolution #2018-09-04-67, does hereby authorize the approval of the purchase and installation by the Plymouth Township Police Department of one (1) new 32 terabyte HD NVR Server and twenty two (22) New Avigilon Megapixel High Definition Security Cameras for an amount up to \$56,848.40 out of Federal Forfeiture Funds.

Moved by: Suppor	-ted by:
------------------	----------

ROLL CALL VOTE:

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

	<u>Ce</u>	ertification	
STATE OF MICHIGAN	) ) )		
	the Board	-	d complete copy of the at the Special Board Meeting
Jerry Vorva, Clerk Charter Township of P	lymouth		Date

Resolution # 2018-09-04-67

-asc std quote 90 days labor 1 year parts.rpt

A.S.C. Security through the pursuit of excellence in all that we do is committed to meeting and exceeding our customer's needs by maintaining the highest standards of guality and technical innovation. Creating a partnership between our dedicated workforce and loyal customer base, we strive to achieve professional success through teamwork and uncompromising quality.

The purpose of this quote is to replace the Legacy Analog DVR (s) with One New 32 TB HD NVR SERVER also INSTALL 22 Megapixel Avigilon Cameras to replace of the older Legacy Analog cameras. HD views to include Analog Cameras from the Twp. office area and Interfaced with the new Recorder/Server system in the Police Dept. Data room.

. Removal of 2 Legacy DVRs from PD IT Room Rack Systems

. Install one New Aviglion Megapticel 32 TB Server in Police Department IT Room Rack Providing Approximatly 80+ days of Video Activity

- . Install one Network 24 Port PoE Switch and 1 8 Port Switch in Police Department IT Room Rack
- , Install one New Computer Workstation with 4 HDMI Video Outputs in Dispatch Area
- . Connect exisiting display Dispatch Monitors to new Computer Workstation System (Need HDMI Monitor Connections)

. Convert Existing Township Interior Analog Cameras with Avigilon Encoders and 8 Port Switch to work with the new Avigilon IP Recording Server

- . Install 2 New Avigilon Exterior 5 Megapixel Low Light Cameras with P-iris lens, Self Learning Analytics, Integrated IR for Township Parking Lot Coverage
- . Install 6 New Aviglion Exterior 3 Megapixel Low Light Cameras with Integrated Adaptive IR
- . Install 6 new 360 Deg. HD Cameras in the Jati Cells

. Install 8 new Aviglion 2 & 3 Megapixel cameras in Hallways, Vestibules, Interview Room and Processing Area with Existing Audio Interface

. Provide Training to staff on Avigilon System Operation

NOTE; THIS SYSTEM WILL ACCEPT CAMERA SIGNALS FROM THE SOCCER PK. AND ALARM SIGNALS VIA ON SCREEN POP UP ALERTS OF THE PANIC BUTTONS IN CITY HALL, OUOTED SEPERATLY,

NOTE: FINAL LENGTH OF STORAGE AND SERVER PROCESSING THRESHHOLD WILL BE DETERMINED BY TOTAL NUMBER OF CAMERAS AND MEGAPIXEL RATINGS OF EACH FOR SELECTED AREAS OF COVERAGE.

Plymouth Township to Provide to Following as needed.

. HDMI Ready Video Monitors in Dispatch

- . Approved Cable paths from IT Room to the Dispatch Monitors if needed
- . Network Connection in Police Department IT Room for new Avigilon Recorder/Server
- . Standard 120vac Duplex outlet for Headend Equipment In IT Room

. Any Painting and Patching completed by others

If permits are required for this low voltage project, they will be billed separately at cost plus admin fees

#### Description Qty Item ID

A.S.C. would like to thank the Plymouth Township Police Department for the opportunity to be of service to your Facility with It's electronic security needs.

This system can be financed to own for Approx. \$1051.00 per month for 60 Months pending credit Approval. Cash Terms would be 50% to start and Balance Net 30 on completion. Current Extended Warranty and Service plan is available for this system and will be updated to cover Labor and Materials as stated in the ASC Service Agreement.

SHIP TO: Lt. Jon Brothers

**Plymouth Township PD SC** 

Megapixel Video Surveillance System Upgrade

**Plymouth Township** 9955 Haggerty Rd.

Plymouth, MI 48170

Advanced Satellite Communications, Inc. **A.S.C. Security Systems** 

12137 Merriman Road, Livonia, Michigan 48150 Ph 734 838 3280 - Fx 734 838 3281

A Commercial Security & Satellite Systems Integrator - Since 1990

March 19, 2018 Date: Prices are firm until: 04/18/2018 Terms: \*50% Down/Net 30

Sales Rep: **Gregory P. Charles** 

**Proposal #** 

UOM



**BILL TO:** 

**Tom Tidderington Plymouth Township PD SC** 

9955 N. Haggerty Rd.

Plymouth, MI 48170 U.S.A.



12137 Merriman Road, Livonia, Michigan 48150 Ph 734 838 3280 - Fx 734 838 3281

A Commercial Security & Satellite Systems Integrator - Since 1990

# Plymouth Township PD SC

1	99-1056	HD NVR (32TB, Raid 6, 2RU, Windows 10 IoT)		
1	20-8358	HD Camera License (ACC6, Standard, 24 Cameras, 5 Viewing Clients)		
1	20-8356	HD Camera License (ACC6, Standard, 8 Cameras, 5 Viewing Clients)		
1	65-4072	Monitor (22", LED, 1080P, BNC, VGA, HDMI, Audio Speakers)		
1	45-1084	Computer (NVR Client, 4 Monitor Work Station)		
1.00	20-8347	Switch (Ethernet, 24 Port, Gigabit, POE+, 30watt per port, Max 370 watts, Rack Mountable)		
2.00	20-8113	Switch (Ethernet, 8 port, POE+, 30Watt per channel, 105Watt Total, Gigabit, Layer 2, Rack Mountable)		
6	20-8336	HD Camera (6.0MP, H4, 360 Fisheye, Light Catcher, Integrated IR)		
6	20-8353	HD Camera Bullet (H4, 3MP, WDR, Light Catcher, 3-9mm, Integrated IR PoE)	L.	
1	20-2163	HD Camera (H4, 5.0 Megaptxel HD Bullet, 3-9mm f/1.2 P-iris lens, Analytics, Integrated IR)		
1	20-8210	HD Camera (H4, 5MP, IR, 9-22mm, Outdoor, Bullet, f/1.2 P-iris lens, Analytics, Integrated IR)		
3	20-8378	HD Camera (H4, 3MP, WDR, 3-9mm, Indoor Dome)		
4	20-8365	HD Camera Indoor Dome (H4SL, 2MP, H.264, 1080P, Ceiling Mounted, 3-9mm, P-irts)		
1	20-2186	HD Camera (3x 3MP, Pendant Multisensor, 2.8-8mm)		
5	20-2092	HD Camera Encoder (4-Port H.264 Analog Video Encoder - Requires 1 camera license)		
2	20-2094	HD Camera Encoder Bracket (Mounting Bracket for 3 Encoders, 1U)		
8	20-2183	Backbox (For H4A-BO1-IR Avigiton Bullet Style)		
1	20-8339	HD Camera Mount (Wall Mount for HD Pendant Dome Cameras )		
1	20-8373	HD Camera Mount (H4, Corner Mount)		
30	50-1207	R345 Connector for CAT5		
3,300	70-4016	CATSE (Plenum Solid Blue)		
6	50-1208	RJ45 Connector for CAT6		
200	70-2026	CAT6 (Plenum Solid Blue)		
6	70-5031	CAT5E (3' Patch Cable Blue)		
100	50-1008	Beam Clamp ( Univ, 1/2 in)		
100	50-1011	Bridle Ring (2")		
1.00	80-1003	Lift (45 ft, Interior/Exterior, Articulating Boom, DAY)		
5.00	CCTVMISC	Miscellaneous (CCTV, Hardware & Connectors)		
			<u>Materials Subtotal:</u>	<u>\$45.072.40</u>
1	Security Labor	Security Labor		
			Labor Subtotal:	<u>\$11.776.00</u>

Total: \$ 56,848.40

March 19, 2018

20047

Prices are firm until: 04/18/2018 Terms: \*50% Down/Net 30

Sales Rep: Gregory P. Charles

# Proposal #

Date:



12137 Merriman Road, Livonia, Michigan 48150 Ph 734 838 3280 - Fx 734 838 3281

A Commercial Security & Satellite Systems Integrator - Since 1990

#### **Proposal #**

20047

Date:March 19, 2018Prices are firm until: 04/18/2018Terms: \*50% Down/Net 30Sales Rep:Gregory P. Charles

# **Plymouth Township PD SC**

ASC offers competitive Financing on most of our products and services...Ask your Account manager for the most affordable option! These systems have been custom designed for your expressed needs...Thank you!

Customer understands that any additional fees that may be incurred to comply with all applicable building codes, zoning ordinances or any other permits needed for installation is their responsibility. Further, reference to Plug and Play is defined herein as utilization of pre-existing cable distribution system for entire property, as is. Delays or distractions caused by customer during installation or service may be billed additionally upon written order to customer. Any alteration or deviation from above quoted specifications involving extra cost will be executed only upon written orders and will become an extra charge over and above this quotation. This is the entire agreement, and no additional services or promise of performance is implied that is not contained herein. Acceptance of quotation - all terms and conditions as written are a part hereof and are binding upon the parties hereto. A.S.C. retains the right to substitute parts of equal or better value to complete a functional system. Upon clients written approval A.S.C. may access clients system(s) for virtual maintenance, trouble shooting and reporting functions. A.S.C. may refer to clients name in various marketing materials unless prohibited by client. A.S.C. shall have no liability for any personal injury, property damage or other loss based on any claim at all including a claim the product failed to perform. A.S.C. will bill after functional completion of the job and expect payment due within the terms stated on this proposal. The Company reserves the right to send the account to a third party for collection. It is understood and agreed that The Company may do so for the entire amount remaining on the contract plus any collection costs incurred in the process. Note: Finance charges of 1.5% per month added to past due invoices. All products shown herein remain the property of A.S.C. until paid in full. Prices contained in this quotation shall be considered firm for a period of (30) days from the date of quotation unless otherwise stated herein. A.S.C. will charge a restocking fee of 20% on all returned or cancelled merchandise. All purchases placed on a credit card for orders over \$2,000, may incur a 2.5% service charge. ATTORNEYS' FEES. In the event of any litigation or arbitration between the parties with respect to this Agreement, the prevailing party shall be entitled to recover reasonable attomeys' fees and costs of litigation, as the court or tribunal may determine.

ASC WILL WARRANT LABOR FOR NINETY (99) DAYS AND ALL PARTS FOR ONE (1) YEAR FROM DATE OF COMPLETED INSTALLATION.

UPON APPROVAL, RETURN THIS DOCUMENT VIA FAX WITH THE AUTHORIZED SIGNATURE BELOW. A FACSIMILE ACCEPTANCE WILL SERVE AS ORIGINAL.

Accepted by:	 _ Date:	
Name (Print):	 Title:	

# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# **ITEM F.6 POLICE DEPARTMENT PURCHASE OF TWO (2) FORD POLICE INTERCEPTOR SEDANS RESOLUTION #2018-09-04-68**



# CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

### MEETING DATE: September 04, 2018

### <u>ITEM</u>: Police Department Purchase of two 2019 Ford Police Interceptor Sedans. Resolution #2018-09-04-68

PRESENTER: Lt. Daniel Kudra

### **BACKGROUND**:

The Police Department is seeking board approval to purchase two (2) 2019 Ford Police Interceptor Sedans. We are planning to purchase these vehicles with Federal Forfeiture Funds (Account 265-300). The cost for these two vehicles will be \$56,914.00. Pricing on these items is via state bid. The costs associated with the up-fit of these two vehicles will be paid for out of our 2019 vehicle maintenance / up-fit budget.

#### **ACTION REQUESTED:**

Approve the enclosed resolution authorizing the purchase of two (2) 2019 Ford Police Interceptor sedans for a cost of \$56,914.00 to be paid from the Federal Forfeiture Account.

#### **RECOMMENDATION**:

Approve

<u>PROPOSED MOTION</u>: I move to approve Resolution #2018-09-04-68, authorizing the Plymouth Township Police Department to purchase two 2019 Ford Police Interceptor Sedans for an amount up to \$56,914.00 out of Federal Forfeiture Funds.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

ROLL CALL:

\_\_\_\_Vorva, \_\_\_Dempsey, \_\_\_\_Heitman, \_\_\_Clinton, \_\_\_Heise, \_\_\_Curmi, \_\_\_Doroshewitz

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

# **RESOLUTION # 2018-09-04-68**

# Resolution to Approve the Purchase of two Ford Police Interceptor Sedans

At a special meeting of the Board of Trustees for the Charter Township of Plymouth (the "Board"), held at Township Hall, located at 9955 N. Haggerty Road, Plymouth, on September 4, 2018, the following resolution was offered:

WHEREAS, The Police Department is seeking Board approval to purchase two (2) Ford Police Interceptor Sedans, and,

WHEREAS, the Police Department plans to utilize Federal Forfeiture Funds (Account 265-300) to pay for these vehicles, for a total cost of \$56,914.00 (pricing of these items is via State bid), and

WHEREAS, the costs associated with the up-fit of these two vehicles will be paid for out of the 2019 Police vehicle maintenance/up-fit budget,

**NOW THEREFORE, BE IT RESOLVED,** that the Charter Township of Plymouth, by way of this resolution #2018-09-04-68, does hereby authorize the approval of the purchase by the Plymouth Township Police Department of two (2) 2019 Ford Police Interceptor Sedans for an amount up to \$56,914.00, out of Federal Forfeiture Funds.

Moved by:	Supported by:
www.uby.	Supported by,

ROLL CALL VOTE:

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

	<u>C</u> (	ertification	
STATE OF MICHIGAN	)		
COUNTY OF WAYNE	)		
	the Board	-	d complete copy of the It the Special Board Meeting
Jerry Vorva, Clerk Charter Township of P	lymouth		Date

Resolution # 2018-09-04-68



# <u>Plymouth Township Police Department</u>

# 2018 Budget Request New Capital Item

Department:	Capital Item:				
Police	2019 Ford Police Interc	2019 Ford Police Interceptor Sedans			
Quantity:	Useful Life:	Cost:			
2 (Two)	3-4 years	\$56,914.00			
Check One: Equipment X	Project				
Description and Function of new ca	pital item				
The Ford Police Interceptor Sedan turn lap, fastest average lap, fastest quarter a Angeles County Sheriff's Department to	mile and highest top speed in the	0-100 mph acceleration times, along with the fastest quarter mile during Michigan State Police and Los			
The interior is upholstered in heavy-dut the vehicle quick, and provide ample ro trunk provides 16.6 cubic feet of storag	oom for a duty belt. Rear seat acc	's seat. Slim seat bolsters make getting in and out of ess is enhanced with wide opening rear doors. The d.			
The Ford Police Interceptor Sedan is wheel drive, a heavy-duty alternator, a stability control, rear-view camera and f	auxiliary transmission cooler, eng	police duty. The vehicle comes standard with all- ine oil cooler, power adjustable pedals, electronic			
Explain new or improved service the	at will result from new item				
currently in our fleet. The new vehicles	s will likely require less time at the	will replace two older Interceptor Sedans that are dealership for maintenance than the old ones, thus and less time and resources to vehicle maintenance.			
Why is this new item needed? Why c	loes the Township need to prov	ide this service?			
These vehicles are needed to replace two existing patrol cars. One patrol car (Unit 14-2) was purchased in 2014 and to other (Unit 16-1) was purchased in 2016. These two vehicles are the oldest patrol cars in our fleet. Unit 16-1 currently hover 70,000 miles, and Unit 14-2 currently has over 83,000 miles. These vehicles will continue to accrue mileage and become more costly to maintain.					
How will any current services be affe	ected or changed if approved? W	Vhat will happen if this item is Not approved?			
listed patrol cars in 2019. Police Interc If we wait until calendar year 2019 to c	ceptor Sedans (Taurus) will not be order our replacement vehicles, we Jtilities (Explorer). This will nec	not approved, we will still need to replace the above available to be ordered after September 15 <sup>th</sup> , 2018. will be forced to order a different model of patrol cessitate the purchase of new equipment (prisoner ts, etc) which can be very costly.			
Additionally I have been advised by t	he Government and Fleet Sales M	Manager from Signature Ford that the Ford Police			

Additionally, I have been advised by the Government and Fleet Sales Manager from Signature Ford that the Ford Police Interceptor Utility (Explorer) will be a completely new design for 2020. There is no guarantee that any of the aforementioned special police equipment that we put into our patrol cars will transfer out of the 2019 and older Utilities into the upcoming 2020 model. If that is the case, then we could end up having to buy new equipment again. How do you anticipate providing this service?

If this expenditure is approved, these units will be delivered sometime in early 2019. They will be put into service in the middle to the end of 2019. The work will be done by our vehicle up-fitter (Winder Police Equipment).

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

The purchase of these vehicles will have a positive impact on the operating budget, as the next two patrol cars in line to be replaced are both Ford Police Interceptor Sedans. The vast majority of the police equipment from those two vehicles will be removed and reinstalled in the new patrol cars. There will be no need to purchase expensive new equipment (push bumpers, prisoner partitions, center consoles, plastic rear seats, etc...) to properly up-fit a different model of patrol car. Additionally, these new patrol cars will be under warranty (3 years / 36,000 mile bumper to bumper and 5 years / 100,000 mile powertrain) which will reduce our maintenance costs. Winder Police Equipment estimates that the cost of up-fitting these two patrol cars will be approximately \$4400.00 each. The up-fit costs will be paid out of the 2019 vehicle maintenance budget.

Lt. D. Kudra #402

03-12-2018

## **Macomb County Bid Price** (Bid #71-15, P.1.a, MY2017) in the State of Michigan **2019 Sedan Police Interceptor Major Standard Equipment**

#### MECHANICAL

Alternator – 220 Amp

Auxiliary Transmission Oil Cooler

 Battery - H.D. maintenance-free 78A/750 CCA Brakes – 4-Wheel Heavy-Duty Disc w/H.D. Front and

- **Rear Calipers**
- Column Shifter vinyl molded-black shift knob
- Drivetrain All-Wheel-Drive
- Dual Exhaust Quasi

Electric Power-Assist Steering (EPAS) – Heavy-Duty

Engine - 3.7L V6 Ti-VCT AWD FFV1 (Note: FFV is

- not available on the EcoBoost® engine)
- Engine Hour Meter
- Engine Oil Cooler
- Fuel Tank 19.0 gallons

 Independent Front Suspension with Front and Rear Stabilizer Bar

Transmission – 6-Speed Transmission

#### EXTERIOR

Decklid – Cylinder Lock

Door Handles – Painted Black

- Front Door-Lock Cylinders (Front Driver/Passenger)
- · Glass Solar-Tinted
- · Grille Black
- · Headlights Projector Halogen

Lower grille

· Mirrors - Black Caps (MIC), Power Electric Remote, Manual Folding with Integrated Blind Spot Mirrors (integrated blind spot mirrors not included when equipped with BLIS®)

 Nameplate Badging - "Police Interceptor" and "Road Leaf" FFV Badging

- Roof Mount Antenna
- Tail Lamps Hatogen with Halogen Decklid Lamps
- Tires

- 245/55R18 A/S BSW

- Wheels - 18" x 8" painted black steel with Wheel Hub Cover

- Full Size Spare Tire P245/55R18 A/S BSW

- Full size 18" Spare w/TPMS

#### Underbody Deflector

#### INTERIOR / COMFORT

- Climate Control Single Zone Manual
- Console Mounting Plate Black e-Coat
- Door-Locks - Power
- Rear-Door Handles and Locks Operable
- Floor Heavy-Duty Thermoplastic Elastomer
- Glove Box Locking/non-illuminated
- Grab Handles (1 Front-passenger side)
- Lighting

- Overhead Console with 1st row task lights (driver / passenger) with sunglass holder

- Dome Lamp 1st row (red/white)
- Pedals Power-adjustable
- Powerpoints 2 located in I/P lower close-out

#### INTERIOR / COMFORT (continued)

 Scuff Plates - Front & Rear 1 FFV is not available in Green States, please refer to Emissions page Seats

- 1st Row Heavy-Duty Cloth Bucket
- 6-way power driver (man rcln, man lumbar) with 2-
- way manual passenger (man rcln, no lumbar)
- Bui It-in steel intrusion plates in both front-seatbacks - 2nd row Vinyl Bench
- 2nd row door-panels simplified, no pockets or door
- speakers, easy clean surface
- Speed (Cruise) Control
- Speedometer Calibrated
- Steering wheel Manual/Tilt/Telescoping, Urethane
- Wrapped with Speed Controls / Audio Controls
- Sun visors Non-Illuminated Driver/Passenger
- Trunk Flat Load Floor

 Trunk Release Button – center of I/P; redundant trunklid release switch located in overhead console. Note: The standard configuration operates under ignition power with the key in one of two positions -"Run or Start".

- Windows
- Power, 1-touch Up/Down Driver-Side
- Window disable lock, 2nd Row
- Power Rear-windows Driver Switch Only
- SAFETY & SECURITY
- AdvanceTrac® w/ESC® (Electronic Stability
- Control™) w/Hydraulic Brake Assist
- Airbags - Front Airbags
- Side-Impact Airbags
- Safety Canopy® with rollover sensor
- Anti-Lock Brakes (ABS) with Traction Control
- Belt-Minder® (Front Driver/Passenger)
- · LATCH (Lower Anchors and Tethers for Children)
- system on rear outboard seat locations
- SOS Post-Crash Alert System™
- Tire Pressure Monitoring System (TPMS)
- 3Yr/36,000 Miles Bumper to Bumper Warranty
- 5Yr/100,000 Miles Powertrain Warranty
- FUNCTIONAL
- Easy Fuel® Capless Fuel-Filler
- Front door tether straps (Driver/Passenger)
- MyFord®
- AM/FM / CD / MP3 Capable / Clock / 4 speakers
- 4.2" Color LCD Screen Center Stack "Smart Display"
- 5-way Steering Wheel Switches, Redundant
- Controls Power pigtail harness
- Rear View Camera viewable in 4" centerstack display - OR - Rear View Camera viewable in rear view mirror
- 77B (no-charge option)
- · Simple Fleet Key (w/o microchip, easy to replace)
- Two-way radio pre-wire
- Wipers Intermittent Fixed Interval

#### Police Interceptor Sedan Base Prices

[ ] Sedan All Wheel Drive (3.7L V6 FFV, 305 HP) P2M/500A \$23.992.00 [x] Sedan All Wheel Drive (3.5L V6 GTDI EcoBoost, 365 HP, 148 MPH, 99T/44C) P2M/500A \$26,737.00 \$22,992.00 [ ] Sedan Front Wheel Drive (3.5L V6 FFV 288 HP) P2L/500A

1



August 27, 2018

Plymouth Township Police Department Attn: Lt. Dan Kudra 9955 N. Haggerty Road Plymouth, MI 48170

Dear Lt. Dan Kudra:

Price on 2019 Vehicle Macomb County Contract Bid:

(2) 2019 Ford Police Interceptor Sedan AWD Eco Boost\$28,457.00 eaTotal Delivered Price\$56,914.00

Service Contract: 36,000 miles or 36 months factory bumper to bumper warranty and 100,000 miles or 60 months powertrain warranty.

Delivery date: About 120 days from receipt of your PO.

# Order Cutoff Date: September 15th, 2018.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

**Payment requirements:** All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. An \$8.00 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-Fleet (888-923-5338).

Respectfully Submitted,

## Bill Campbell

Bill Campbell Government & Fleet Sales

# Payment Terms: Net 10 days

VEHICLE BRAND AND MODEL: Ford Sedan Police Interceptor

## **BID PRICE EXPIRES: TBD.**

#### Subject to change without notice by Ford Motor Company \*\* New this year

" New this year Interior Trim Color

VEHICLE COLOR: Order Code	Inte	erior Trim C arcoal Blac - RW -	ol
Arizona Beige Clearcoat Metallic Medium Brown Metallic Dark Toreador Red Clearcoat Metallic Vermillion Red	[E3] [BU] [JL] [E4}		
Dark Blue	[LK]	[x]	
Norsea Blue Clearcoat Metallic Royal Blue Light Blue Metallic Smokestone Clearcoat Metallic Silver Grey Metallic Ingot Siver Clearcoat Metallic Agate Black Oxford White Clearcoat Kodiak Brown Metallic Blue Metallic Sterling Grey Metallic Medium Titanium Clearcoat Metallic Ultra Blue (Extra Cost Paint \$870)	[KR] [LM] [LN] [TN] [UX] [UX] [VZ] [J1] [FT] [UJ] [YG] [21U17]		
Fire Engine Bright Red (Extra Cost Paint \$1050)	[12R13]	[]	

#### **INTERCEPTOR OPTIONAL FEATURES:**

TERGEPTOR OPTIONAL FEATURES:		
Functional	Code	\$Cost
[x] EcoBoost Speed Limited Calibration (131 mph Top Speed, EcoBoost C	Only)12T	N/C
Flooring/Seats		
1 1 <sup>st</sup> row carpet floor covering and 2 <sup>nd</sup> row vinyl floor covering	171	125.00
[ ] 2nd Row Cloth Seats	CW/88C	60.00
Power passenger seat (6-way) w/manual recline and lumbar	61P	315.00
[x] Rear Console Plate (Not available with Interior Upgrade Pkg - 65U)	97D	35.00
[] Interior Upgrade Package	12P	380.00
Cloth Rear Seats		
<ul> <li>Floor mats, front and rear</li> </ul>		
<ul> <li>1st Row Carpet and 2nd Row Carpet Floor Covering</li> </ul>		
Full floor console with unique police finish panels		
<ul> <li>Rear Grab Handles w/Coat Hook</li> <li>Note: Not available with the following Option Packages:(854), (855), (856), (857), (97</li> </ul>		
	0,	
Lamps [x] Dark Car Feature – Courtesy lamp disable when any door is opened	13C	20.00
[ ] Auto Headlamps	55D	120.00
[] Daytime Running Lamps	942	50.00
[x] LED Side Fender Vent Lights	96E	245.00
[ ] Pre-wiring for grille lamp, siren, and speaker	51G	50.00
[] Spot Lamp – Driver Only (Incandescent Bulbs)	21D	210.00
[] Spot Lamp – Driver Only (LED Bulbs)	21D	340.00
[] Spot Lamp – Driver Only (LED Bulbs) (Whelen)	21E	360.00
[x] Spot Lamp – Dual (driver and passenger) (Incandescent Bulbs)	21F	385.00
[ ] Spot Lamp – Dual (driver and passenger) (Incandescent Bubs)	21B	605.00
	21G	650.00
[] Spot Lamp – Duai (driver and passenger) (LED Bulbs) (Whelen)	216	050.00
Wheels	65L	60.00
[x] Wheel Covers (18" Full Face Wheel Cover)	642	465.00
[ ] 18" Painted Aluminum Wheel	042	400.00
Misc A Design Black Haster	4411	25.00
[] Engine Block Heater	41H	35.00
[] License Plate Bracket – Front	153	N/C

[] Badge Delete (Police Interceptor Badge Only)	19D	N/C
[ ] 100 Watt Siren/Speaker (includes bracket and pigtail)	96P	290.00
[] Trunk Storage Vault (Includes lockable door)	19T	120.00
[] Scuff Guards	59E	50.00
[] Push Bumper Bracket (Required if adding a Push Bumper)	60B	25.00
Electrical/Wiring		
[] Electronics Tray (w/o Fan)	62D	285.00
[] Trunk Circulation Fan (mounted on package tray)	97T	100.00
[x] Noise Suppression Bonds (Ground Straps)	20P	95.00
	201	30.00
Audio/Video		N/O
[] Rear View Camera Electrochromic Rearview Mirror - Camera is	77B	N/C
Displayed in rear view mirror)		
[x] SYNC® Basic (Voice Activated Communication System, Includes Rev	<mark>/erse53M/76</mark>	R 590.00
Sensing)		
[] Remappable (4) switches on steering wheel	47J/47K	150.00
Doors/Windows	THURTH	100.00
	000	105.00
[] Hidden Door Lock Plunger	63B	135.00
[] Hidden Door Lock Plunger and Rear Door Handle Inoperable	63P	155.00
[x] Rear Door Handles Inoperable/Locks Operable	18L	35.00
[] Rear Door Handles Inoperable/Locks Inoperable	18G	35.00
[x] Windows-Rear window power delete, operable from front driver side a	witches 67D	25.00
[x] Lock system; Single Key/All Vehicles Keyed Alike	43B	50.00
		30.00
Keyed Alike 1435x= 43E Keyed Alike 0576x= 43F Keyed Alike 015	1X= 43G	
Keyed Alike 1111x= 43J		
Safety & Security		
Ballistic Door Panels – Driver Front Door Only (Level 3)	65E	1550.00
[] Ballistic Door Panels – Driver & Pass Front Doors (Level 3)	65C	3095.00
<ol> <li>Ballistic Door Panels – Driver Front Door Only (Level 4+)</li> </ol>	65F	2355.00
[] Ballistic Door Panels – Driver & Pass Front Doors (Level 4+)	65G	4715.00
[] BLIS® – Blind Spot Monitoring with Cross Traffic Alert	55B	475.00
[] Lockable Gas Cap for Easy Fuel Capless Fuel-Filler	98K	20.00
[x] Mirrors- Heated, Non BLIS	549	60.00
1 Perimeter Anti-Theft Alarm – Activated by Hood, Door, or Decklid	59B/60V	455.00
[] Police Engine Idle Feature	18S	260.00
	60V	
[] Remote Keyless Entry w/4 Key Fobs (w/o Keypad)		335.00
[ ] Extra Key \$6.00x=	Parts	6.00 e
[ ] Remote Starter (Must Order Remote Keyless Entry 60V)	Parts	550.00
[] Reverse Sensing	76R	295.00
[] Trunk Release Button - Battery Powered (Switch is hot at all times)	62B	30.00
[x] Front Headlamp/Police Interceptor Housing Only	13P	120.00
Pre-drilled hole for side marker police use, does not include LED installed lights	101	120.00
(eliminates need to drill housing assemblies)		
<ul> <li>Pre-molded side warning LED holes with standard twist lock sealed capability (doe</li> </ul>	P	
	75	
not include LED installed lights)		
Note: Not available with options 661 and 856	004	005 00
[] Front Headlamp Lighting Solution	661	895.00
Base projector beam headlamp plus two (2) multi-function Park/Turn/Warn (PTW)		
bulbs for Wigwag simulation, and two (2) white hemispheric lighthead LED side wa	iming lights.	
<ul> <li>Wiring, LED lights included. Controller "not" included</li> </ul>		
Note: Included with option 856		
[ ] Police Wire Harness Connector Kit – Front	77E	105.00
<ul> <li>For connectivity to Ford PI Package solutions includes:</li> </ul>		
- Two (2) Male 4-pin connectors for siren		
- Five (5) Female 4-pin connectors for lighting/siren/speaker		
- One (1) 4-pin IP connector for speakers		
- One (1) 4-pin IP connector for siren controller connectivity		
- One (1) 8-pin sealed connector		
– One (1) 14-pin IP connector		
Note: See Upfitter's Guide for further detail www.fordpoliceinterceptorupfit.com		
[] Tail lamp/Police Interceptor Housing Only		60.00
	90T	
- Pro-ovieting holes with standard twist look cooled conshility (doos not include LEC	90T	00.00
<ul> <li>Pre-existing holes with standard twist lock sealed capability (does not include LEC installed lights) (diminister need to drill bouring assemblies)</li> </ul>		00.00
installed lights) (eliminates need to drill housing assemblies)		00.00
		00.00

[] Tail Lamp Lighting Solution	662	415.00
<ul> <li>Includes base LED lights, plus two (2) rear integrated hemispheric red lighthead L</li> </ul>		415.00
side warning lights in taillamps		
LED lights only. Wiring, controller "not" included		
Note: Included with option 856		
[ ] Police Wire Harness Connector Kit – Rear	51J	130.00
For connectivity to Ford PI Package solutions includes:		
- One (1) 2-pin connector for rear lighting and One (1) 2-pin connector for trunk circ	culation fan	
- Six (6) Female 4-pin connectors and Six (6) Male 4 pin connectors		
– One (1) 10-pin connector		
Note: See Upfitter's Guide for further detail www.fordpoliceinterceptorupfit.com		4== 00
[] Rear Lighting Solution	663	475.00
<ul> <li>Includes two (2) backlit flashing linear high-intensity LED lights (driver side red /</li> </ul>		
passenger side blue) mounted inside back window; surrounds brake stop light)	aluo)	
<ul> <li>Includes two (2) linear high-intensity LED lights (driver side red / passenger side t mounted on inside trunk decklid (lights activate when decklid is open)</li> </ul>	nue)	
LED lights only. Wiring, controller "not" included		
Note: Included with option 856		
[] Ultimate Wiring Package	857	540.00
Includes the following:		
- Rear console mounting plate (97D)		
- I/P to trunk overlay harness:		
<ul> <li>Two (2) light cables – supports up to 6 LED lights (engine compartment)</li> </ul>		
<ul> <li>Trunk Power Distribution box (PDB)</li> </ul>		
<ul> <li>Two (2) 50-amp battery and ground circuits in-trunk</li> </ul>		
<ul> <li>One (1) 10-amp siren/speaker circuit engine to trunk</li> </ul>		
<ul> <li>Rear backlight/decklid/trunk wiring – supports up to six (6) rear LED lights</li> <li>Ceited CD lights – Sizer and Secolar Mission (51C)</li> </ul>		
<ul> <li>Grille LED lights, Siren and Speaker Wiring (51G)</li> <li>Light Controller / Relay Cencom Wiring (wiring hamess) w/additional input/output</li> </ul>	niataile	
- Does "not" include LED light side connectors	pigrano	
Note: Not available with options 854, 855, 856, 12P		
Note: Recommend Police Wire Harness Connector Kits 77E and 51J		
[] Trunk Upfit Package	854	950.00
<ul> <li>Rear console mounting plate – contours through 2nd row; channel for wiring</li> </ul>		
<ul> <li>Wiring overlay harness with lighting and siren interface connections</li> </ul>		
Vehicle Engine Hamess:		
- Two (2) light connectors - supports up to three (3) LED lights each (engine com	partment)	
- One (1) gritle LED light connector - supports two (2) LED lights	m la V	
<ul> <li>– Two (2) 50 amp battery ground circuits in power distribution junction block (in-tru</li> <li>– One (1) 10-amp siren/speaker circuit (engine to trunk)</li> </ul>	нк)	
- Trunk circulation fan maintains airflow from cabin to trunk		
- Trunk electronics tray (4 sq. ft) with 18" of travel when fully extended locks		
- Pre-wiring for grille LEDs and siren/speaker (51G)		
Does "not" include LED lights and controller		
<ul> <li>Recommend Police Wire Harness Connector Kits 77E and 51J</li> </ul>		
Note: Not available with options 855, 856, 857		
[] Light Controller Package	855	1605.00
Includes content from the following Police Interceptor Packages: #4 (854) plus:		
- Whelen Light Controller Head (PCC8R)		
<ul> <li>Whelen PCC8R Light Relay Center (electronics tray mounted)</li> <li>Light Controller / Relay Center Wiring (jumper harness)</li> </ul>		
- Light Controller / Relay Center Wining (Jumper namess)		
<ul> <li>Whelen Specific Cable (console to trunk) connects PCC8R to Control Head</li> </ul>		
<ul> <li>Whelen Specific Cable (console to trunk) connects PCC8R to Control Head</li> <li>Does "not" include LED lights</li> </ul>		
<ul> <li>Whelen Specific Cable (console to trunk) connects PCC8R to Control Head</li> <li>Does "not" include LED lights</li> <li>Recommend Police Wire Hamess Connector Kits 77E and 51J</li> </ul>		
- Does "not" include LED lights		
<ul> <li>Does "not" include LED lights</li> <li>Recommend Police Wire Harness Connector Kits 77E and 51J</li> </ul>	856	3570.00
<ul> <li>Does "not" include LED lights</li> <li>Recommend Police Wire Harness Connector Kits 77E and 51J</li> <li>Note: Not available with options 854, 856, 857</li> <li>[] <u>Ready for the Road Package</u></li> <li>Includes Police Interceptor Packages: #661; #662, #663, #854 plus:</li> </ul>	856	3570.00
<ul> <li>Does "not" include LED lights</li> <li>Recommend Police Wire Harness Connector Kits 77E and 51J</li> <li>Note: Not available with options 854, 856, 857</li> <li>[] <u>Ready for the Road Package</u></li> <li>Includes Police Interceptor Packages: #661; #662, #663, #854 plus:</li> <li>Whelen Cencom Light Controller Head with dimmable backlight</li> </ul>		3570.00
<ul> <li>Does "not" include LED lights</li> <li>Recommend Police Wire Harness Connector Kits 77E and 51J</li> <li>Note: Not available with options 854, 856, 857</li> <li>[] <u>Ready for the Road Package</u></li> <li>Includes Police Interceptor Packages: #661; #662, #663, #854 plus:</li> <li>Whelen Cencom Light Controller Head with dimmable backlight</li> <li>Whelen Cencom Relay Center / Siren / Amp w/Traffic Advisor (mounted on Election)</li> </ul>	tronics Tray)	3570.00
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<ul> <li>Does "not" include LED lights</li> <li>Recommend Police Wire Harness Connector Kits 77E and 51J Note: Not available with options 854, 856, 857</li> <li>[] Ready for the Road Package</li> <li>Includes Police Interceptor Packages: #661; #662, #663, #854 plus:</li> <li>Whelen Cencom Light Controller Head with dimmable backlight</li> <li>Whelen Cencom Relay Center / Siren / Amp w/Traffic Advisor (mounted on Elect Light Controller / Relay Cencor Wiring (wiring harness) w/additional input/outpu</li> <li>High current pigtail</li> <li>Whelen Specific WECAN Cable (console to trunk) connects Cencom to Control I</li> <li>Grille linear LED Lights (Red / Blue)</li> <li>100-Watt Siren / Speaker</li> <li>Trunk Storage Vault</li> <li>Hidden Door-Lock Plunger / Rear-Door Handles Inoperable</li> <li>Wiring Harness</li> </ul>	tronics Tray) t pigtails	3570.00
<ul> <li>Does "not" include LED lights</li> <li>Recommend Police Wire Harness Connector Kits 77E and 51J Note: Not available with options 854, 856, 857</li> <li>[] Ready for the Road Package</li> <li>Includes Police Interceptor Packages: #661; #662, #663, #854 plus:</li> <li>Whelen Cencom Light Controller Head with dimmable backlight</li> <li>Whelen Cencom Relay Center / Siren / Amp w/Traffic Advisor (mounted on Elect Light Controller / Relay Cencom Wiring (wiring harness) w/additional input/outpu</li> <li>High current pigtail</li> <li>Whelen Specific WECAN Cable (console to trunk) connects Cencom to Control I Grille linear LED Lights (Red / Blue)</li> <li>100-Watt Siren / Speaker</li> <li>Trunk Storage Vault</li> <li>Hidden Door-Lock Plunger / Rear-Door Handles Inoperable</li> </ul>	tronics Tray) t pigtails	3570.00

VINYL WRAP OPTIONS [ ] Two-Tone Vinyl Package #1 • Roof Vinyl	141	820.00
• RH/LH Front Doors Vinyl     • RH/LH Rear Doors Vinyl     [ ] Two-Tone Vinyl Package #3	143	685.00
Roof Vinyl     RH/LH Front Doors Only Vinyl	140	005.00
Two-Tone Vinyl Package #8     Noof Vinyl (Vinyl Wrap in Police White (YZ) Only)	148	415.00
<ul> <li><u>Two-Tone Vinyl Package #9</u> <ul> <li>RH/LH Front Doors Only Vinyl (Vinyl Wrap in Police White (YZ) Only)</li> </ul> </li> </ul>	149 144	295.00 775.00
<ul> <li>[] <u>Vinyl Word Wrap</u></li> <li>– "POLICE" located on LH/RH sides of vehicle ("White" lettering)</li> <li>[] <u>Reflective Vinyl Word Wrap</u></li> </ul>	144	775.00
<ul> <li>– "POLICE" located on LH/RH sides of vehicle ("Black" lettering)</li> <li>[] Reflective Vinyl Word Wrap</li> </ul>	146	775.00
- "POLICE" located on LH/RH sides of vehicle ("White" lettering)     [ ] Vinyl Word Wrap	147	775.00
<ul><li>– "SHERIFF" located on LH/RH sides of vehicle ("White" lettering)</li></ul>		

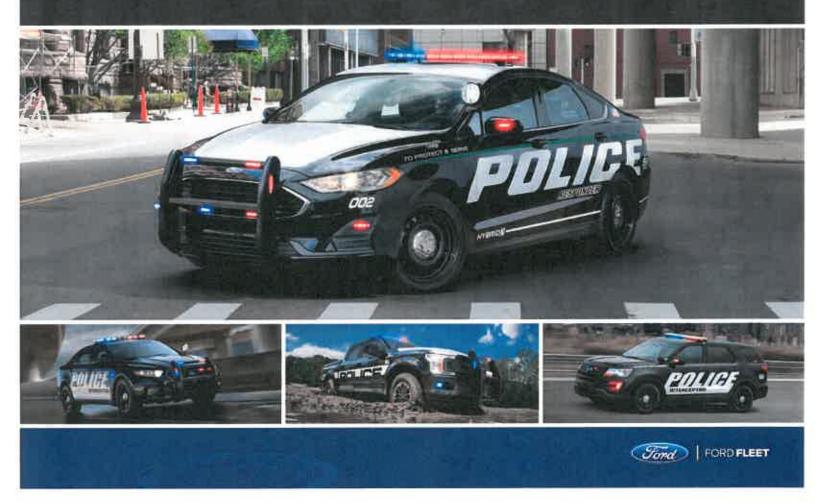
#### Extended Warranty Options for Police Interceptor Sedan

Extended Warranty Option's (\$100.00 Deductible) 100,000 Mile Coverage

[ ] 5-Year Premium Care Warranty (500 Plus Components Coverage)	2150.00
[] 4-Year Premium Care Warranty (500 Plus Components Coverage)	2110.00
[] 3-Year Premium Care Warranty (500 Plus Components Coverage)	2080.00
[ ] 5-Year Extra Care Warranty (113 Essential Components Coverage)	1955.00
[] 4-Year Extra Care Warranty (113 Essential Components Coverage)	1925.00
[] 3-Year Extra Care Warranty (113 Essential Components Coverage)	1905.00
[ ] 5-Year Base Care Warranty (84 Major Components Coverage)	1860.00
[] 4-Year Base Care Warranty (84 Major Components Coverage)	1840.00
[] 3-Year Base Care Warranty (84 Major Components Coverage)	1820.00

Total Price <u>\$28,457.00 ea</u>

# 2019 POLICE & SPECIAL SERVICE VEHICLES





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2019 POLICE & SPECIAL SHOVICE VEHICLES - FordPolice intercepter.com - PartiPolice Respondencem



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#### RESPONSIVE TO YOUR BUDGET

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POLICE INTERCEPTOR® UTILITY & SEDAN DNA

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### POLICE INTERCEPTOR UTILITY & SEDAN

AVAILABLE FEATURES!			
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AVAILABLE PACKAGES Refer to pages 42-48 for full desc

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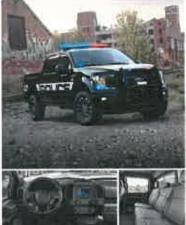


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& CAPACITIES

### F-150 POLICE RESPONDER



### AVAILABLE FEATURES

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## AVAILABLE PACKAGE

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EXTERIOR COLORS



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### F-150 SSV



STANDARD FEATURES

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### DIMENSIONS & CAPACITIES<sup>24</sup>

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EXTERIOR COLORS<sup>5</sup>

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STANDARD FEATURES Usually constrained with acconditionally questioned with acconditionally question accounts of controls databa-with and their Bang Variet applies call "Along Register J. 2014, Sector 2014 Register J. 2014

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Rawana Banseng Sysients Saat – 2nd–tow A 6/20/AU splat bench (class?) Saat – 3nd–tow B0/AC apilt PowerFold\* /dpietes/Srd–toet Bloadge bitst)

# AVAILABLE PACKAGE<sup>1</sup> Heavy-Duty Tailer Toxy Pactage (836)

DIMENSIONS & CAP	CITIES <sup>2</sup>				
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n dhunAit			CAPACITIES (cv f; )	1	
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rip room	67.2	62.2	Fuel field.)	25.0	5.02
Simolelar ano p	84.9	66.9	Reation	5.0	5.6

### TRAILER WEIGHT RATINGS<sup>3</sup>

RAILER WEIGHT RATINGS <sup>1</sup>	C blaz	Lenal
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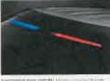
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### GOVERNMENT SALES REGIONAL MANAGERS Dan Mazurek

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enforcement must balance needs for function and other officer safety concerns when equipping police velucies with non-original equipment. Some features discussed may be optional. Vehicles throughout this brochure may be shown with optional features and/or aftermarket equipment. Features shown may be offered only in combination with other options or subject to additional ordering requirements or limitations. Information in this brochure was developed from Order Guides as of May 2018, Following publication of the biochure, certain changes in standaid equipment, options and the like, or product delays may have occurred which would not be included in these pages. Always weary our safety bell, secure children in the rear seat and follow arbag waring label instructions. SYNC\* Don't drive while distracted use vice-operated systems when possible don't use handheid devences while driving. Some features may be locked out while the vehicle is no goar. Not all features are compatible with all phones Message and data rates may apply. For more information usit fleet.ford com. Ford Motor Company resources the right to change product specifications at any time without incurring obligations. Competitive models, publication and Ford cartification data at time of priving. "Unity is a registered trademark of Unity Manufacturing Co. \* Wheten is a registered trademark of Whelen Engineering Co., Inc.

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# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# ITEM F.7 UNDERCOVER SELF STORAGE – STORM DRAIN AGREEMENTS RESOLUTION #2018-09-04-69



# CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

# MEETING DATE: September 4, 2018

**<u>ITEM</u>: Undercover Self Storage – Storm Drain Agreement** Resolution # 2018-09-04-69

PRESENTER: David Richmond, PE, Township Engineer

# BACKGROUND:

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

## **ACTION REQUESTED:**

Approve the enclosed resolution authorizing the Township Supervisor to sign the Wayne County Maintenance Permit and authorize the Township Supervisor and Clerk to execute the storm drain agreement.

# **<u>RECOMMENDATION</u>**:

Approve

<u>PROPOSED MOTION</u>: Move to adopt Resolution 2018-09-04-69, authorizing the Township Supervisor to sign the Wayne County Permit M-49344 and approve the Storm Drain Agreement with Undercover Self Storage, LLC and authorize the Township Supervisor and Clerk to execute same.

Moved By \_\_\_\_\_\_ Seconded By \_\_\_\_\_\_

**ROLL CALL:** 

\_\_\_\_Vorva, \_\_\_Dempsey, \_\_\_\_Heitman, \_\_\_Clinton, \_\_\_Heise, \_\_\_Curmi, \_\_\_Doroshewitz

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

## RESOLUTION 2018-09-04-69 STORM DRAIN AGREEMENT – Undercover Self Storage, LLC

Whereas, the Plymouth Charter Township has been requested by Undercover Self Storage, LLC to assume jurisdiction and maintenance of a certain storm drain (or storm sewer, as the case may be); and

Whereas, the Wayne County Department of Public Services for the County of Wayne is agreeable to such request and has prepared a Permit No. M-49344 to be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and Undercover Self Storage, LLC for the purposes therein stated; and

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

Whereas, Undercover Self Storage, LLC as willingly and freely affirmed the desire and intent to execute and record instruments for the purpose of insuring that the Plymouth Charter Township will be held harmless from all costs and expenses in any way pertaining to the Plymouth Charter Township assuming the aforedescribed maintenance and jurisdiction or to the aforesaid Permit being executed by the Plymouth Charter Township.

**NOW, THEREFORE, BE IT RESOLVED** that the Plymouth Charter Township shall assume jurisdiction and maintenance of the storm drain servicing the premises at the street address of 13995 Haggerty Road, Plymouth, Michigan 48170 and owned by Undercover Self Storage, LLC.

**FURTHER, BE IT RESOLVED** that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute Permit No. M-49344 of the Wayne County Department of Public Services in behalf of the Plymouth Charter Township; and

**FURTHER, BE IT RESOLVED** that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute the Storm Drain Agreement in behalf of the Plymouth Charter Township together with Undercover Self Storage, LLC in the form and substance of the instrument presented to this Board.

Supported by:
ROLL CALL VOTE:
D,JV,MC,RD,GH,KH

	Certification
STATE OF MICHIGAN	) )
	foregoing is a true and complete copy of the he Board of Trustees at the Special Board Meeting .8.
Jerry Vorva, Clerk Charter Township of Ply	Date

Resolution #2018-09-04-69

# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# ITEM F.8 UNDERCOVER SELF STORAGE -WATERMAIN EASEMENT RESOLUTION #2018-09-04-70



# CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

# MEETING DATE: September 4, 2018

## ITEM: Undercover Self Storage– Watermain Easement Resolution #2018-09-04-70

# PRESENTER: David Richmond, PE, Township Engineer

# BACKGROUND:

The Board is required to approve water and sewer easements for all projects within the Township of Plymouth

Once approved by the Board, the Clerk, Township Attorney and Township Engineer sign the documents and forward them on to Wayne County for recording.

Once recorded, the original easement is returned to Plymouth Township.

This Watermain Easement for the Undercover Self Storage located at 13995 Haggerty Road, Plymouth, MI 48170.

## ACTION REQUESTED:

Approve the enclosed resolution authorizing the Clerk, Township Attorney and Township Engineer to sign the Watermain Easement documents and forward to Wayne County for recording.

## **<u>RECOMMENDATION</u>**:

Approve

**PROPOSED MOTION:** I Move to approve Resolution #2018-09-04-70 authorizing the Township Clerk, Township Attorney and Township Engineer to sign the Watermain Easement and forward to Wayne County for recording.

Moved By			Seconded By $\_$			
ROLL CALL:						
Vorva,	_Dempsey,	_Heitman,	Clinton,	_Heise,	_Curmi,	Doroshewitz

# STATE OF MICHIGAN COUNTY OF WAYNE CHARTER TOWNSHIP OF PLYMOUTH

# RESOLUTION TO AUTHORIZE THE WATERMAIN EASEMENT FOR UNDERCOVER SELF STORAGE

# **RESOLUTION #2018-09-04-70**

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 September 4, 2018, at 7:00 p.m.

WHEREAS, Undercover Self Storage, located at 13995 Haggerty Road, Plymouth, MI 48170 installed a watermain necessary for the development of their property, and

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

**NOW THEREFORE BE IT RESOLVED** that the Board of Trustees of the Charter Township of Plymouth hereby approves Resolution #2018-09-04-70, authorizing the easement for the Watermain located on the property at Undercover Self Storage, 13995 Haggerty Road, Plymouth, Michigan and grants approval for the Township Supervisor, Township Clerk and Township Engineer to sign and file the appropriate paperwork with Wayne County to record said easement.

Moved by:	Supported by:
	ROLL CALL VOTE:
	_CC,JD,JV,MC,RD,GH,KH

	<u>C</u>	ertification		
			d complete copy of the	
resolution adopted by dated September 4, 20		of Trustees a	at the Special Board Meeting	
Jerry Vorva, Clerk Charter Township of P	lymouth		Date	

Resolution #2018-09-04-70

### EASEMENT

Michael Kallis having an address of 14545 Eckles Road, Plymouth, MI 48170 hereinafter designated "GRANTOR", in consideration of the sum of One Dollar, receipt of which is hereby acknowledged and determined to be fair and just compensation by GRANTOR, does by these presents covenant and warrant that GRANTOR is the fee simple owner of the property described below and does grant and convey to the Plymouth Charter Township, a Michigan municipal corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter designated "GRANTEE", an easement and right of way for the purpose of installation, inspection, maintenance, repair, operation and removal of municipally owned utilities, including without limitation water, storm sewer and sanitary sewer and connections thereto, in, upon and across the property owned by GRANTOR, situated in the Plymouth Charter Township, Wayne County, Michigan and more particularly described in EXHIBIT A.

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

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

### END OF PAGE ###

IN WITNESS WHEREOF, GRANTOR has executed this instrument on 01-13, 2017

name & title) (print or type name & title)

State of MI County of OAKLA ٦ss

The foregoing instrument was acknowledged before me this 2017, by N.CHAEL KALLIS, PARTNER

(print grantor names and titles, if any)

20 bor Notary County, Michigan Public. 25 6/2/2018

MICHELLE A. DIXON NOTARY PUBLIC - MICHIGAN OAKLAND COUNTY MY COMMISSION EXPIRES 06-03-2018 ACTING IN DAKLAND COUNTY

After recording return this instrument to:

This instrument drafted by:

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

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

My commission expires:

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

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

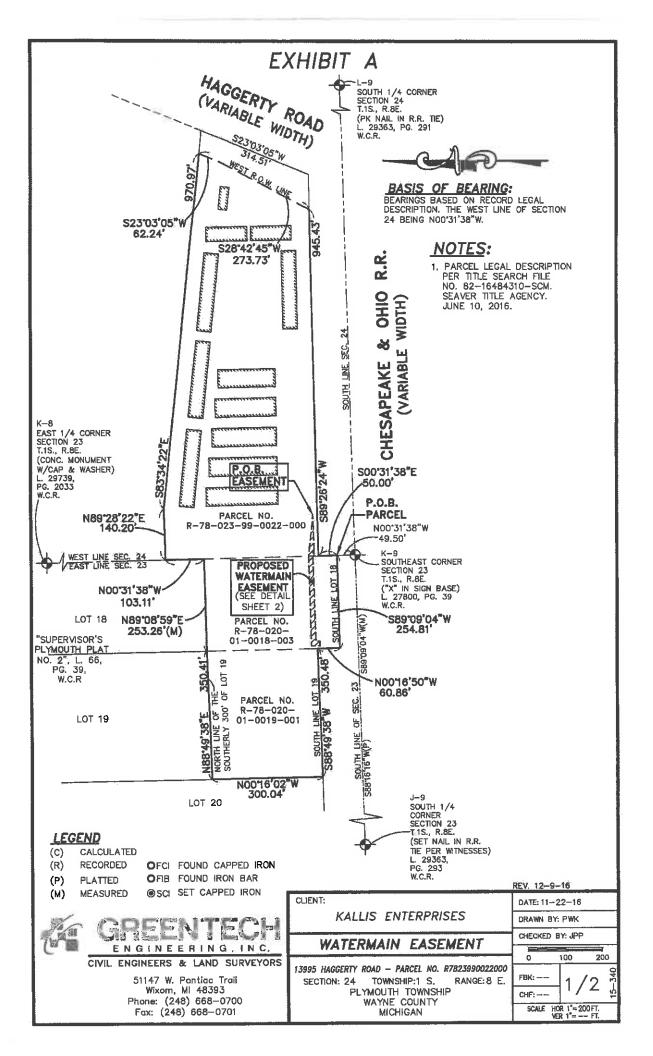
Kevin Bennett, Township Attorney

The easement description is approved as to form only by Engineer for the Plymouth Charter Township on \_, 20

David E. Richmond, P.E., Township Engineer

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

Jerry Vorva, Plymouth Charter Township Clerk



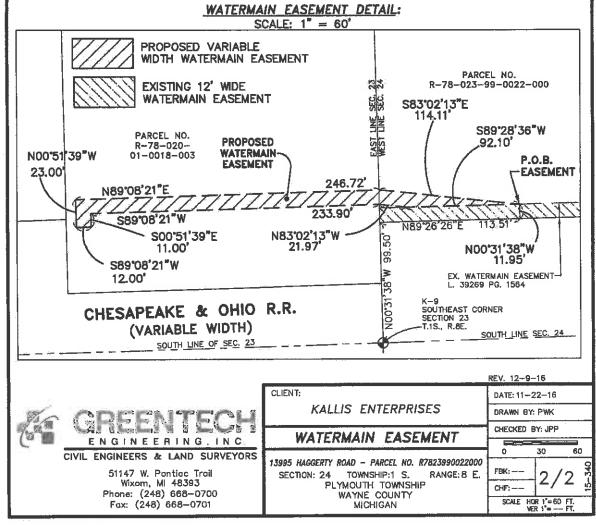
# EXHIBIT A

# PROPOSED COMBINED LEGAL DESCRIPTION:

THE LAND REFERRED IN THE TOWNSHIP OF PLYMOUTH, COUNTY OF WAYNE, STATE OF MICHIGAN, THAT PART OF THE SOUTHWEST 1/4 OF SECTION 24 AND PART OF THE SOUTHEAST 1/4 OF SECTION 23, TOWN 1 SOUTH, RANGE 8 EAST, TOWNSHIP OF PLYMOUTH, WAYNE COUNTY, MICHIGAN, DESCRIBED AS COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 23; THENCE NORTH 00 DEGREES 31 MINUTES 38 SECONDS WEST 49.50 FEET ALONG THE EAST LINE OF SAID SECTION 23 TO THE **POINT OF BEGINNING**, SAID POINT ALSO THE SOUTHEAST CORNER OF LOT 18 OF "SUPERVISOR'S PLYMOUTH PLAT NO. 2", AS RECORDED IN LIBER 66, PAGE 39, WAYNE COUNTY RECORDS; THENCE ALONG THE SOUTHERLY LINE OF SAID LOT 18, SAID SOUTH LINE ALSO BEING THE NORTHERLY LINE OF THE CHESAPEAKE & OHIO RAILROAD (WIDTH VARIES), S89'09'04"W 254.81 FEET TO THE SOUTHWEST CORNER OF SAID LOT 18; THENCE NO0'16'50"W 60.86 FEET TO THE SOUTHEAST CORNER OF LOT 19; THENCE ALONG THE SOUTH LINE OF SAID LOT 19, SAID SOUTH LINE ALSO BEING THE NORTH LINE OF SAID CHESAPEAKE & OHIO RAILROAD, S88'49'38"W 350.48 FEET TO THE SOUTHWEST CORNER OF SAID LOT 19; THENCE ALONG THE WEST LINE OF SAID LOT 19, SAID SOUTH LINE ALSO THE NORTH LINE OF SAID CHESAPEAKE & OHIO RAILROAD, S88'49'38"W 350.48 FEET TO THE SOUTHWEST CORNER OF SAID LOT 19; THENCE ALONG THE WEST LINE OF SAID LOT 19; THENCE ALONG SAID NORTHERLY LINE NORTHERLY LINE OF THE SOUTHERLY 300 FEET OF SAID LOT 19; THENCE ALONG SAID NORTHERLY LINE N88'49'38"E 350.41 FEET TO A POINT ON THE EAST LINE OF SAID LOT 19; THENCE N89'08'59"E 253.26 FEET TO A POINT ON THE EAST LINE OF SAID SECTION 23 ; THENCE ALONG SAID EAST LINE NOO'31'38"W 103.11 FEET; THENCE N89'28'22"E 140.20 FEET; THENCE ALONG SAID LOT 19; THENCE N89'08'59"E 253.26 FEET TO A POINT ON THE EAST LINE OF SAID SECTION 23 ; THENCE ALONG SAID EAST LINE NOO'31'38"W 103.11 FEET; THENCE N89'28'22"E 140.20 FEET; THENCE S83'34'22"E 970.97 FEET TO THE WEST RIGHT OF LINE OF HAGGERTY ROAD (WIDTH VARIES); THENCE ALONG SAID WEST LINE THE FOLLOWING 2 COURSES; THENCE (1) S23'03'05"W 62.24 FEET AND (2) S28'42'45"W 273.73 FEET TO A POINT ON SAID NOR

## PROPOSED WATERMAIN EASEMENT:

PART OF THE SOUTHWEST 1/4 OF SECTION 24 AND PART OF THE SOUTHEAST 1/4 OF SECTION 23, TOWN I SOUTH, RANGE 8 EAST, TOWNSHIP OF PLYMOUTH, WAYNE COUNTY, MICHIGAN, DESCRIBED AS COMMENCING AT THE SOUTHEAST CORNER OF SAID SECTION 23; THENCE NORTH 00 DEGREES 31 MINUTES 38 SECONDS WEST 99.50 FEET ALONG THE EAST LINE OF SAID SECTION 23; THENCE N89'26'26'E 113.51 FEET; THENCE N00'31'38''W 11.95 FEET TO THE **POINT OF BEGINNING**; THENCE S89'28'36''W 92.10 FEET; THENCE N83'02'13''W 21.97 FEET; THENCE S89'08'21''W 233.90 FEET; THENCE S00'51'39''E 11.00 FEET; THENCE S89'08'21''W 12.00 FEET; THENCE N00'51'39''W 23.00 FEET; THENCE N89'08'21''E 246.72 FEET; THENCE S83'02'13''E 114.11 FEET **POINT OF BEGINNING**.



# CHARTER TOWNSHIP OF PLYMOUTH BOARD OF TRUSTEES SPECIAL MEETING SEPTEMBER 4, 2018

# **ITEM F.9 FEDERAL MOGUL EXPANSION – STORM DRAIN AGREEMENT RESOLUTION #2018-09-04-71**



# CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

# MEETING DATE: September 4, 2018

**ITEM:** Federal Mogul Expansion – Storm Drain Agreement Resolution # 2018-09-04-71

PRESENTER: David Richmond, PE, Township Engineer

# **BACKGROUND**:

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

# **ACTION REQUESTED:**

Approve the enclosed resolution authorizing the Township Supervisor to sign the Wayne County Maintenance Permit and authorize the Township Supervisor and Clerk to execute the storm drain agreement.

# **RECOMMENDATION:**

Approve

<u>PROPOSED MOTION</u>: Move to adopt Resolution 2018-09-04-71, authorizing the Township Supervisor to sign the Wayne County Permit M-48464 and approve the Storm Drain Agreement with Federal-Mogul, LLC and authorize the Township Supervisor and Clerk to execute same.

Moved By \_\_\_\_\_ Seconded By \_\_\_\_\_

**ROLL CALL:** 

\_\_\_\_\_Vorva, \_\_\_Dempsey, \_\_\_\_Heitman, \_\_\_\_Clinton, \_\_\_\_Heise, \_\_\_\_Curmi, \_\_\_Doroshewitz

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

## RESOLUTION 2018-09-04-71 STORM DRAIN AGREEMENT – Federal-Mogul, LLC

Whereas, the Plymouth Charter Township has been requested by Federal-Mogul, LLC to assume jurisdiction and maintenance of a certain storm drain (or storm sewer, as the case may be); and

Whereas, the Wayne County Department of Public Services for the County of Wayne is agreeable to such request and has prepared a Permit No. M-48464 to be entered into by said Wayne County Department of Public Services, the Plymouth Charter Township and Federal-Mogul, LLC for the purposes therein stated; and

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

Whereas, Federal-Mogul, LLC as willingly and freely affirmed the desire and intent to execute and record instruments for the purpose of insuring that the Plymouth Charter Township will be held harmless from all costs and expenses in any way pertaining to the Plymouth Charter Township assuming the aforedescribed maintenance and jurisdiction or to the aforesaid Permit being executed by the Plymouth Charter Township.

**NOW, THEREFORE, BE IT RESOLVED** that the Plymouth Charter Township shall assume jurisdiction and maintenance of the storm drain servicing the premises at the street address of 47001 Port Street, Plymouth, Michigan 48170 and owned by Federal-Mogul, LLC.

**FURTHER, BE IT RESOLVED** that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute Permit No. M-48464 of the Wayne County Department of Public Services in behalf of the Plymouth Charter Township; and

**FURTHER, BE IT RESOLVED** that the Supervisor and Clerk of the Plymouth Charter Township are authorized and empowered to execute the Storm Drain Agreement in behalf of the Plymouth Charter Township together with Federal-Mogul, LLC in the form and substance of the instrument presented to this Board.

Supported by:
ROLL CALL VOTE:
CC,JD,JV,MC,RD,GH,KH

	Certification
STATE OF MICHIGAN	)
COUNTY OF WAYNE	)
	e foregoing is a true and complete copy of the the Board of Trustees at the Special Board Meeting 18.
Jerry Vorva, Clerk Charter Township of Ply	Date

Resolution #2018-09-04-71

PERMIT OFFICE 3809 MICHIGAN AVE WAYNE, MI 48184,		PERMIT No.	464
HONE (734) 595-6504 FAX (734) 595-6356		ISSUE DATE	EXPIRES
OURS BEFORE ANY		10/5/2015	
INSTRUCTION, CALL	WAYNE COUNTY	REVIEW No.	WORK ORDE
FOR INSPECTION	DEPARTMENT OF PUBLIC SERVICES PERMIT TO CONSTRUCT, OPERATE, USE AND/OR MAINTAIN	R 15-334	
FOR INSPECTION	PERMIT TO CONSTRUCT, OPERATE, USE AND/OR MAINTAIN		

47001 PORT STREET (& BECK ROAD, PART	OF LOT 10)				
PERMIT HOLDER		CONTRACTOR			
CHARTER TOWNSHIP OF PLYMOUTH 9955 N. HAGGERTY ROAD PLYMOUTH, MI 48170					
CONTACT		CONTACT			
RICHARD REAUME	(734) 354-3200	<blank></blank>			

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

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

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

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

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

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

APPROVED PLANS PREPARED BY	REQUIRED ATTACHMENTS
Professional Engineering Associates, inc	EXHIBIT A: MAP DEPICTING PHYSICAL LIMITS OF STORM WATER MGT SYSTEM
FLANS APPROVED BY	EXHIBIT '5': LONG TERM MAINTENANCE PLAN
Razi, M.	EXHIBIT '5': BINDING AGREEMENT (COMMUNITY RESOLUTION)
	(PERHAT VALID OWLY HE ACCOMPANIED BY ABOVE ATTACHMENTS)

in consideration of the Permit Holder and Contractor agreeing to ablide and conform with all the terms and conditions havein, a Permit is hereby issued to the above named to Construct, Operate, Use and/or Maintain within the Road Right of Way, County Ensurement, end/or County Property. The permitted work described above shall be accomplished in accordance with the Approved Plana, Maps, Specifications and Statemants filed with the Permit Office which are integrated to and or the Permit. The General Conditions are any Required Attachments are incorporated as part of this Permit.

PERMIT	HOLDER	NAME	
PERMIT	HOLDER	/ AUTHORIZED	AGENT

DATE

WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES

PREPARED BY

VALIDATED BY PERMIT COORDINATOR DATE

#### STORM DRAIN AGREEMENT

THIS AGREEMENT, made and entered into this \_\_\_\_\_\_day of \_\_\_\_\_\_, A.D., 20\_\_\_\_, by and between the PLYMOUTH CHARTER TOWNSHIP, a Municipal Corporation, 9955 North Haggerty Road, Plymouth, Michigan 48170, hereinafter referred to as "TOWNSHIP", and Federal Mogul Corporation whose address is 47001 Port Street, Plymouth, Michigan 48170 hereinafter referred to as "PROPRIETOR", in consideration of the TOWNSHIP adopting a Resolution assuming jurisdiction and maintenance of a certain storm drain, a copy of which is attached as Exhibit A and incorporated by reference, and executing a certain Permit, a copy of which is attached as Exhibit B and incorporated by reference, with the WAYNE COUNTY DEPARTMENT OF PUBLIC SERVICES, COUNTY OF WAYNE, MICHIGAN, a public body corporate, providing certain duties and obligations undertaken by the TOWNSHIP in respect to a storm drain for the ultimate proximate benefit of PROPRIETOR and the special benefit of land within the PLYMOUTH CHARTER TOWNSHIP, County of Wayne and State of Michigan, hereinafter termed "SPECIALLY BENEFITED DISTRICT", described as:

Property Tax I.D.: R78010010008302

Property Address: 47001 Port Street, Plymouth, Michigan 48170

Legal Description: Lot 9 and 10 and the west 80 feet of Lot 8, Plymouth Corporate Park, according to Plat thereof recorded in Liber 104 of Plats, Pages 57 and 58, Wayne County, Michigan.

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

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

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

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

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

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

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

PROPRIETOR

Federal-Mogul I By esthrooke

Its: \_\_\_\_\_

Director

#### PLYMOUTH CHARTER TOWNSHIP

By: \_\_\_\_\_ Kurt L. Heise

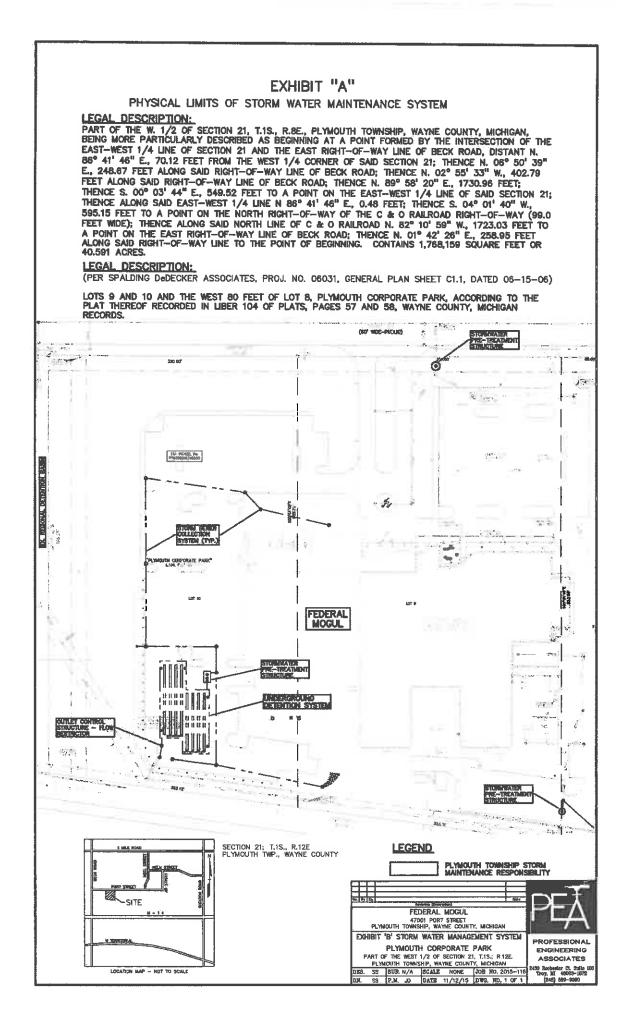
Its: Supervisor

By: \_\_\_\_\_\_ Jerry Vorva

Its: Clerk

STATE OF MICHIGAN ) )ss. COUNTY OF WAYNE )

The foregoing instrument was acknowledged before me this 26 day of <u>Horuary</u>, 2018,



### EXHIBIT "B"

#### STORM WATER MAINTENANCE SYSTEM LONG-TERM MAINTENANCE PLAN

Applicant/Property Owner:

PLYMOUTH CORPORATE PARK 47001 PORT STREET PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN

FEDERAL MOGUL CORPORATION 47001 PORT STREET PLYMOUTH TOWNSHIP, WAYNE COUNTY, MICHIGAN PH. 734-254-0100

WCDPS PLAN REVIEW NO. R15-334 WCDPS PERMIT NO. : M-PLYMOUTH TONWSHIP FILE NO. 077-ENC-1917

A. Physical Limits of the Storm Water Management System

The storm water management system (SNMS) subject to this Long-term Maintenance Plan (Plan) is depicted an Exhibit A to the Permit and includes without limitation the storm severe, monholes, catch basins, storm water inlets, pretreatment unit, underground detantion system, outlet control structure and outlet pipe that conveys flow from the Federal Magui underground detantion system into the existing 42° storm sever within the Plymouth Corporate Park that outlets to the regional detantion detantion system into the existing 42° storm sever within the Plymouth Corporate Park that outlets to the regional detantion basin.

For purposes of this Plan, this storm water management system (SMMS) and all of its components as shown on Exhibit A is referred to as the Federal Mogul Corporation SMMS

B. Time Frame for Long-Term Maintenance Responsibility

Federal Magui Corporation is responsible for maintaining the SWMS, including complying with applicable requirements of the Plymouth Township soll erosion and sedimentation control program, until the Township, releases the construction permit. Long-term maintenance responsibility for the Federal Magui SWMS commances when defined by the maintenance permit leaved by Wayne County. Long-term maintenance continues in perpetuity.

C. Manner of Ensuring Maintenance Responsibility

Plymouth Township has assumed responsibility for the long-term maintenance of the Federal Magui SWMS. The resolution by which Plymouth Township has assumed maintenance responsibility is attached to the Permit as Exhibit C. Federal Magui Corporation through an agreement to reimburge for maintenance, repairs, restoration and any necessary construction of the SMMS (the Skahlumance Agreement) with Plymouth Township has agreed to perform the maintenance activities required by the plan. Plymouth Township township to enter the property and perform the recessary maintenance of the Federal Magui Corporation SWMS If Federal Magui fails to perform the required maintenance activities.

To ensure that the Federal Magui Corporation SWMS is maintained in perpetuity, the map of the physical limits of the storm water management system (Exhibit A), this Plan (Exhibit B), the resolution attached as Exhibit C, and the Maintanance Agreement between the Township and the Property Owner(s) will be recorded with the Wayne County Register of Deede. Upon recording, a copy of the recorded document will be provided to the Township and Wayne County.

D. Long—Term Maintenance Plan and Schedule

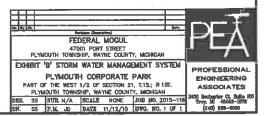
Table 1 Identifies the maintenance activities to be performed, organized by category (monitoring/inspections, preventative maintenance, and remedial actions). Table 1 also identifies alter-apacific work needed to ensure that the storm water management system functions properly.

While performing maintenance, chemicale should not be applied to the storm sewer, pretreatment unit, or underground detention system.



MARITENANCE ACTIVITIES. EREQUENCY:							
Inspect for sediment accumulation*/clogging	X	X	X	X		2 tîmes a year	
Inspect for floatables, dead vegetation and debris	X	X	X	X	X	Annually and after major events	
Inspect all components during wet weather and compare to as-built plans	×	×	×	×	×	Annually	
Ensure means of access for maintenance remain clear/open	X	X	X	X	X	Annually	
PREVENTIVE MAINTENANCE							
Remove accumulated sediment	X	X	X	X	X	As needed+	
Remove floatables, dead vegetation and debris	X	X	X	X	X	As needed	
Sweeping of povement surfaces (streets and parking areas)					X	As needed	
REMEDIAL ACTIONS						· · · · · ·	
Structural repairs or replacement in kind	X	X	X	X	X	As needed	
Make adjustments/repairs to ensure proper functioning	X	X	X	X		As needed	
Oil and gasoline spills					X	Immediately	

• MANUFACTURED TREATMENT SYSTEM AND UNDERGROUND DETENTION SYSTEM TO BE CLEANED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS; AT A MINIMUM, WHENEVER SEDIMENT ACCUMULATES TO A DEPTH OF 6-12 INCHES, OR IF SEDIMENT RESUSPENSION IS OBSERVED.



# ITEM F.10 INTRODUCTION OF DRAFT 2019 TOWNSHIP BUDGET



## CHARTER TOWNSHIP OF PLYMOUTH REQUEST FOR BOARD ACTION

MEETING DATE: September 4, 2018

ITEM: Introduction of Draft 2019 Township Budget

**PRESENTERS:** Supervisor Heise, Finance Director Kushner

**BACKGROUND**: State Law requires that the Supervisor present a draft budget to the Board of Trustees on or before September 1 of each year. The attached draft budget was sent to the Board members electronically on August 30; a hard copy was included in your board packet which was delivered to your home on or about August 31. There will be agenda items to review and refine this document throughout the months of September, October, and November. It is my goal to have the budget approved ahead of schedule again this year, before December 1.

**PROPOSED MOTION:** None required

1/10 Page:

GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 PROJECTED DEPA ACTIVITY	2019 RTMENT REQUESTED BUDGET
ESTIMATED REVENU	ES					
Dept 262 - ELECT						
101-262-680.000	ELECTIONS REIMB PLY-CANTON SCHO	0	0	0	100	0
101-262-680.040	ELECTIONS REIMB - STATE OF MICH	38,649	0	0	0	0
Totals for dept	262 - ELECTIONS	38,649	0	0	1,00	0
Dept 290 - GENER	AL OPERATING					
101-290~402.000	SMART MUNICIPAL CREDIT PRO	27,056	27,056	27,000	27,056	27,056
101-290-403.000	PROPERTY TAXES	1,435,506	1,401,278	1,521,878	6,899,627	1,553,652
101~290-403.200	WC MONTHLY DELQ SETTLEMENT	0	6,975	0	0	0
101-290-441.000	LOCAL COMMUNITY STABILIZATION SHA	21,833	454,479	450,750	450,750	450,000
101-290-441.100	METRO ACT	0	21,549	0	21,000	20,000
101-290-447.000	PROPERTY TAX ADMINISTRATION FEE	0	0	600,000	600,000	600,000
101-290-448.000	TAX COLLECTION FEES	0	53,021	0	0	0
101-290-459.000	MISCELLANEOUS LICENSE	3,975	3,780	4,000	4,270	5,000
101-290-460.080	MISC GRANT REVENUE	10,185	4,019	7,500	7,500	5,000
101-290-475.000	TRAILER PARK FEES	4,513	4,285	4,500	4,500	4,300
101-290-477.000	PARK FEES	39,225	44,160	40,000	51,000	55,000
101-290-574.000	STATE REVENUE SHARING	2,194,640	2,360,741	2,302,363	2,302,363	2,426,697
101-290-588.000	CONTRIBUTION FROM LOCAL UNITS-OTH	0	506,018	0	0	245,000
101-290-664.000	INTEREST INCOME	50,672	114,714	25,000	25,000	25,000
101-290-668.000	INTERGOVT SERVICES	785,498	723,053	774,100	774,100	766,851
101-290-668.010	INTER-GOVT FIRE SERVICES	750,000	0 500 C00	595,000	1,100,000 595,000	595,000
101-290-669.000	CONTRACTUAL CATV	758,800	592,622	170,000	170,000	170,000
101-290-669.001	CATV-PEG Funds	-	164,873	228,000	228,189	155,000
101-290-676.000	INSURANCE REFUNDS	60,813 0	174,951 28,760	228,000	401,525	100,000
101~290-697.000	SALE OF FIXED ASSETS	0	28,700	485,000	485,000	0
101-290-697.500	REIMBURSEMENT 5 MILE LEGAL FEES MISCELLANEOUS INCOME	51,284	45,924	40,000	3,000	ő
101-290-698.000 101-290-698.100	PASSPORT FEE	0	9,400	5,000	7,500	9,500
	290 - GENERAL OPERATING	5,444,000	6,741,658	7,280,091	14,157,380	7,113,056
		-,,	. ,		, .	
Dept 305 - LAW E		2 252 222	2 100 770	3 168 040	0	3,234,193
101-305-403.000	PROPERTY TAXES	3,250,292	3,189,779	3,168,049 4,500	3,500	4,500
101-305-457.000	DOG LICENSE .	3,993	5,110 113,452	4,500	10,000	10,000
101-305-607.000	DISTRICT COURT FEES	126,984 12,800	(3,850)	5,000	5,000	5,000
101-305-607.020 101-305-629.000	POLICE-ALARMS POLICE REPORTS	7,523	8,932	7,500	7,500	8,000
101-305-675.001	DONATIONS-PRIVATE SOURCES	7,525	5,000	,,500	0	0
101-305-697.000	SALE OF FIXED ASSETS	õ	1,560	Ő	õ	Ō
101-305-698.000	MISCELLANEOUS INCOME	31,889	28,251	20,000	20,000	20,000
	305 - LAW ENFORCEMENT	3,433,481	3,348,234	3,205,049	46,000	3,281,693
Dept 325 - COMMU		0	0	0	100,000	100,000
101-325-543.000	STATE GRANTS-PUBLIC SAFETY	672,558	398,843	342,000	342,000	342,000
101-325-668.020 101-325-690.000	INTER-GOVT DISPATCH	134,091	153,513	140,000	140,000	140,000
101-325-698.000	911 LOCAL AND STATEWIDE MISCELLANEOUS INCOME	134,091	155,515	140,000	5,053	5,000
101-325-698.550	PSAP TRAINING FUNDS	õ	11,537	õ	0	0
	325 - COMMUNICATIONS	806,649	563,893	482,000	587,053	587,000
Dept 336 - FIRE						
101-336-403.000	PROPERTY TAXES	2,305,073	2,274,588	2,255,073	0	2,302,155
101-336-460.080	MISC GRANT REVENUE	2,303,073	200,046	2,203,0,0	12,388	2,500
101-336-543.000	STATE GRANTS-PUBLIC SAFETY	ő	200,040	ŏ	200,000	200,000
	INTER-GOVT FIRE SERVICES	757,710	125,721	75,000	75,000	75,000
101-336-668.010						

08/30/2018 12:40 PM User: ckushner DB: Plymouth Townsh	ckushner Fund: 101 GENERAL FUND				
GL NUMBER DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 Amended Budget	2018 PROJECTED DEPA ACTIVITY	2019 RTMENT REQUESTED BUDGET
ESTIMATED REVENUES					
Dept 336 - FIRE 101-336-698.000 MISCELLANEOUS INCOME 101-336-698.030 FIRE TRANSPORTS - TWSP	270,740 89,226	9,686 65,148	25,000 100,000	2,200 100,000	1,000 120,000
Totals for dept 336 - FIRE	3,422,749	2,681,445	2,455,073	389,588	2,700,655
Dept 371 - BUILDING 101-371-461.000 BUILDING PERMITS 101-371-462.000 ELECTRICAL PERMITS 101-371-463.000 PLUMBING PERMITS 101-371-465.000 REFRIGERATION PERMITS 101-371-608.000 PLANNING COMM-CONSULTANT 101-371-608.500 PLANNING ZONING FEE REVENUE 101-371-609.500 ENGINEERING FEES REVENUE-PLANNING 101-371-610.000 BD OF APPEALS-APPLICANT FEES 101-371-622.000 VACANT PROPERTY ORDINANCE REVENUE 101-371-626.010 WEED CUTTING Totals for dept 371 - BUILDING	0	858,233 90,377 39,934 104,244 14,717 0 0 0 0 0 0 600 2,800 1,110,905	900,000 100,000 60,000 100,000 10,000 180,000 0 400 1,000 850 1,352,250	905,000 101,000 35,000 90,300 10,000 25,000 80,000 3,500 0 500 1,800 1,252,100	950,000 100,000 40,000 100,000 25,000 80,000 3,500 0 1,500 1,310,000
Dept 400 - COMMUNITY DEVELOPMENT 101-400-608.000 PLANNING COMM-CONSULTANT	103,511	150,222	0	0	0
Totals for dept 400 ~ COMMUNITY DEVELOPMENT	103,511	150,222	0	0	0
Dept 691 - PARK 101-691-460.050 WAYNE COUNTY PARKS DISTRIBUTION 101-691-460.060 FORESTRY GRANT 101-691-698.000 MISCELLANEOUS INCOME Totals for dept 691 - PARK	17,000 0 17,000	0 0 710 710	162,000 0 162,000	112,000 0 112,000	68,500 0 - 0 - 68,500
Dept 851 - BLOCK GRANT 101-851-530.000 BLOCK GRANT	21,935	187,183	83,015	83,015	91,072
Totals for dept 851 - BLOCK GRANT	21,935	187,183	83,015	83,015	91,072
TOTAL ESTIMATED REVENUES	14,394,407	14,784,250	15,019,478	16,627,236	15,151,976

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		2016	2017	2018	2018	2019
GL NUMBER	DESCRIPTION	ACTIVITY	ACTIVITY	AMENDED BUDGET	PROJECTED DEPAR ACTIVITY	TMENT REQUESTED BUDGE
APPROPRIATIONS				·		
Dept 101 - TOWN	NSHIP BOARD					
101-101-704.000	SALARY-BOARD	47,161	47,360	47,000	47,000	47,000
101-101-715.000	SOCIAL SECURITY	3,608	3,623	3,600	3,600	3,600
101-101-720.000	WORKERS COMP/INSURANCE	81	80	82	82	85
101-101-813.000	PUBLISHING	0	108	0	0	0
101-101-861.000	EXPENSE ALLOWANCE	192	395	0	155	155
101-101-885.000	COMMUNITY SERVICE	17,589	2,228	2,124	2,224	2,224
Totals for dep	t 101 - TOWNSHIP BOARD	68,631	53,794	52,806	53,061	53,064
Dept 171 - SUPE	ERVISOR					
101-171-703.000	ELECTED OFFICIALS	115,562	115,456	115,284	115,284	115,284
101-171-705.000	SUPERVISORY	96,298	98,216	92,626	88,126	0
101-171-707.000	CLERICAL	51,259	58,000	60,845	60,320	60,320
101-171-708.000	PART TIME	24,424	0	0	00,020	00,520
101-171-714.000	FRINGE BENEFITS	21,977	4,835	12,000	12,600	9,862
101-171-714.010	PENSION NON-REP	18,277	38,535	39,391	39,391	25,755
101-171-715.000	SOCIAL SECURITY	21,725	20,622	20,686		
101-171-720.000	WORKERS COMP/INSURANCE	847	751	700	20,686 700	13,434
						715
101-171-727.000	OFFICE SUPPLIES	9,729	6,744	6,000	4,600	4,700
101-171-818.200	CONTRATUAL SERVICE-HR	0	0	49,000	49,000	84,000
101-171-853,000	TELEPHONE	2,314	3,882	2,000	3,970	4,040
101-171-861.000	EXPENSE ALLOWANCE	2,118	150	0	0	0
101-171-921.000	UTILITIES	11,705	12,174	12,000	12,000	12,250
101-171-960.000	EDUCATION/TRAINING	2,520	864	0	0	0
101-171-978.000	EQUIPMENT PURCHASE	0	171	5,225	5,225	0
101-171-978.500	EQUIPMENT LEASE PAYMENTS	0	0	0	0	210
	ot 171 - SUPERVISOR	378,755	360,400	415,757	411,902	330,570
	ORMATION SERVICES					
101-201-705.000	SUPERVISORY	98,008	100,427	97,649	97,649	97,649
101-201-707.000	CLERICAL	28,835	28,910	28,000	28,000	29,750
101-201-714.000	FRINGE BENEFITS	16,763	16,408	17,000	17,000	15,760
101-201-714.010	PENSION NON-REP	14,403	14,625	14,647	14,647	14,647
101-201-715.000	SOCIAL SECURITY	9,246	9,361	10,321	10,321	9,746
101-201-720.000	WORKERS COMP/INSURANCE	336	383	423	422	430
101-201-727.000	OFFICE SUPPLIES	4,733	3,694	2,000	2,000	3,800
101-201-817.000	FINANCIAL CONSULTANT	65,630	1,000	-, 0	-,	0
101-201-851.000	EQUIPMENT MNT/REPAIRS	14,779	4,326	1,000	1,950	1,000
101-201-853.000	TELEPHONE	2,588	3,614	2,000	3,600	3,600
101-201-921.000	UTILITIES	6,263	6,514	6,000	6,400	6,530
101-201-960.000	EDUCATION/TRAINING	484	210	500	500	500
101-201-978.000	EQUIPMENT PURCHASE	49,425	42,604	59,960	59,960	
101-201-978.500	EQUIPMENT LEASE PAYMENTS	45,425	42,004	0	0	126,861 1,890
	t 201 - INFORMATION SERVICES	311,493	232,076	239,500	242,449	312,163
Dept 209 - ASSI	ESSORS					
101-209-707.000	CLERICAL	24,341	C	0	0	0
101-209-709.000	OVERTIME	500	ő	0	ŏ	0
101-209-714.000	FRINGE BENEFITS	11,640	ő	0	ő	0
101-209-715.000	SOCIAL SECURITY		0	0	0	0
101-209-720.000		1,862	22	0	0	0
	WORKERS COMP/INSURANCE	109		-		
101-209-727.000	OFFICE SUPPLIES	4,610	2,108	2,500	3,000	3,000
101-209-818.000	CONTRACTUAL SERVICES	222,435	252,910	273,000	273,000	280,000
101-209-826.000	LEGAL	18,251	13,020	10,000	3,200	4,000
101-209-853.000	TELEPHONE UTILITIES	1,070 3,351	1,780	1,200 3,500	1,600	1,650 3,570
101-209-921.000			3,485		3,500	

08/30/2018 12:40 PM User: ckushner DB: Plymouth Townsh		BUDGET REPORT FOR CHARTE Fund: 101 GE		OUTH	Page	4/10
GL NUMBER	DESCRIPTION	2016 Activity	2017 ACTIVITY	2018 AMENDED BUDGET	2018 PROJECTED DEPAR ACTIVITY	2019 TMENT REQUESTED BUDGET
APPROPRIATIONS						
Dept 209 - ASS 101-209-941.000	ESSORS COMPUTER SERVICES	0	1,260	0	1,260	1,260
101-209-978,000	EQUIPMENT PURCHASE	1,749	0	0	0	0
101-209-978.500	EQUIPMENT LEASE PAYMENTS	0	0	0	0	1,050
Totals for dep	pt 209 - ASSESSORS	289,918	274,585	290,200	285,560	294,530
Dept 215 - CLE	RK					
101-215-703.000	ELECTED OFFICIALS	163,798	175,962	178,110	178,110	178,110
101-215-707.000	CLERICAL	175,246	185,255	239,171	239,000	247,000
101-215-708.000	PART TIME	36,689	27,763	44,500	44,500	54,500
101-215-709.000	OVERTIME	253	869	10 510	466	15 077
101-215-714.000	FRINGE BENEFITS	36,419	4,081	12,519	15,000	15,837
101-215-714.010	PENSION NON-REP	24,710	46,178	46,063	47,000	47,300
101-215-714.500	FRINGE BENEFITS - RETIREES	0	0	35,530	(469) 35,000	37,000
101-215-715.000	SOCIAL SECURITY	32,033	29,846 1,012	918	970	990
101-215-720.000	WORKERS COMP/INSURANCE OFFICE SUPPLIES	885 14,996	28,108	14,000	16,145	16,320
101-215-727.000	PUBLISHING	1,372	1,833	1,350	650	700
101-215-813.000 101-215-818.000	CONTRACTUAL SERVICES	1, 372	41,805	1,000	2,500	2,500
101-215-818.000	EQUIPMENT MNT/REPAIRS	ŏ	1,738	4,100	2,200	2,250
101-215-853.000	TELEPHONE	3,190	3,450	3,200	1,800	1,850
101-215-861.000	EXPENSE ALLOWANCE	230	147	0	0	100
101-215-921.000	UTILITIES	10,172	10,580	12,000	10,500	10,600
101-215-960.000	EDUCATION/TRAINING	4,863	1,538	3,800	2,100	2,600
101-215-978.000	EQUIPMENT PURCHASE	4,640	10,629	41,923	41,923	1,300
101-215-978.001	Equipt Purchases < \$1,000	0	851	0	0	0
101-215-978.500	EQUIPMENT LEASE PAYMENTS	0	0	0	900	1,827
Totals for de	pt 215 - CLERK	509,496	571,645	637,184	638,295	620,784
Dept 220 - CIV	IL SERVICE					
101-220-704.000	SALARY-BOARD	0	2,000	1,000	1,000	1,000
101-220-715.000		0	153	77	77	77
101~220-813.000	PUBLISHING	0	948	1,000	1,000	1,000
Totals for de	pt 220 - CIVIL SERVICE	0	3,101	2,077	2,077	2,077
Dept 247 - BOA	AD OF REVIEW					
101-247-704.000	SALARY-BOARD	7,840	3,980	4,000	4,000	4,000
101-247-715.000	SOCIAL SECURITY	600	304	250	300	300
101-247-720.000		24	3	0	0	0
101-247-963.000	MISCELLANEOUS EXPENSE	0	0	0	0	300
Totals for de	pt 247 - BOARD OF REVIEW	8,464	4,287	4,250	4,300	4,600
Dept 253 - TRE	LASURER					
101-253-703.000	ELECTED OFFICIALS	166,570	168,858	169,308	169,309	170,650
101-253-708.000		85,373	66,082	63,200	63,200	50,000
101-253-709.000		63	24	17 265	19,000	10 266
101-253-714.000		11,689	23,608	17,365	18,000 24,811	18,266 25,000
101-253-714.010		23,816	24,744	24,811 18,646	18,646	17,175
101-253-715.000		19,214	17,724 705	350	530	500
101-253-720.000		737	9,336	2,100	2,100	3,000
101-253-727.000		6,879 0	9,330	2,100	2,100	2,000
101-253-814.000		0	42,049	0	2,410	2,000
101-253-817.000		0	42,049	5,400	7,800	7,800
101-253-818.000		10,348	7,367	16,200	6,500	6,500
101-253-051.000		3,008	3,221	3,000	4,400	5,000

10,348 3,008

101-253-853.000

TELEPHONE

3,221

3,000

4,400

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		2016	2017	2018	2018	2019
GL NUMBER	DESCRIPTION	ACTIVITY	ACTIVITY	AMENDED BUDGET	PROJECTED DEPAR ACTIVITY	TMENT REQUESTEI BUDGEI
APPROPRIATIONS				<u> </u>		
Dept 253 - TREAS	SURER					
101-253-861.000	EXPENSE ALLOWANCE	2,254	0	C	0	0
L01-253-921.000	UTILITIES	4,249	4,419	5,000	5,000	5,000
01-253-960.000	EDUCATION/TRAINING	0	939	2,500	2,000	2,000
.01-253-978.000	EQUIPMENT PURCHASE	ŏ	1,350	513	0	2,000
01-253-978.001	Equipt Purchases < \$1,000	ŏ	802	1,000	ő	1,000
101-253-978.500	EQUIPMENT LEASE PAYMENTS	ŏ	0	1,000	ő	685
Totals for dept	253 - TREASURER	334,200	371,228	329,393	324,706	316,576
Dept 262 - ELEC	TIONS					
L01-262-708.000	PART TIME	0	0	13,000	23,860	0
01~262-709.000	OVERTIME	0	0	1,320	1,320	0
L01-262-710.000	SALARY ELECTION WORKERS	61,271	(25)	40,000	40,000	0
01-262-720.000	WORKERS COMP/INSURANCE	231	78	0	0	ō
.01-262-727.000	OFFICE SUPPLIES	42,168	1,331	10,000	12,500	0
.01-262-730.000	POSTAGE-GENERAL	3,741	225	2,500	3,000	0
01-262-813.000	PUBLISHING	693	0	825	400	õ
01-262-818.000	CONTRACTUAL SERVICES	0	ő	25,000	25,000	0
01-262-851.000	EQUIPMENT MNT/REPAIRS	1,765	ő	25,000	23,000	0
	EDUCATION/TRAINING	1,785	0	7,500	-	0
101-262-960.000 101-262-978.000	EQUIPMENT PURCHASE	0	34,610	27,100	7,500 20,525	0
	262 - ELECTIONS	109,869	36,219	127,245	134,105	0
101-265-706.000	SHIP HALL AND GROUNDS	40.010	40.000	E0.000	50.000	40.005
	NON-SUPERVISORY	49,213	48,826	50,000	50,000	42,925
01-265-709.000	OVERTIME	0	0	0	0	8,000
L01-265-713.000	PENSION	263	10	0	0	0
101-265-714.000	FRINGE BENEFITS	14,823	14,685	17,000	17,000	15,660
101-265-714.010	PENSION NON-REP	5,590	6,010	6,017	6,100	6,200
101-265-715.000	SOCIAL SECURITY	3,471	3,466	3,825	3,825	3,896
01-265-720.000	WORKERS COMP/INSURANCE	374	1,302	1,608	1,608	1,640
01-265-776.000	MAINT- BLDG & GROUNDS	218,433	72,185	60,000	62,000	77,500
01-265-818.000	CONTRACTUAL SERVICES	1,305	4,000	1,200	0	0
01~265-853.000	TELEPHONE	3,239	1,769	1,769	1,769	1,769
L01-265-854.000	UTILITIES-SENIOR CENTER	8,354	6,193	5,600	5,300	5,400
101-265-858.000	MAINTENANCE-SENIOR CENTER	5,920	7,465	5,000	5,400	5,500
01-265-885.000	COMMUNITY SERVICE	254	0	0	0	0
01-265-921.000	UTILITIES	2,863	2,710	2,700	3,000	3,100
101-265-978.000	EQUIPMENT PURCHASE	8,030	1,743	4,400	3,971	13,500
01-265-978.500	EQUIPMENT LEASE PAYMENTS	0	0	0	0	420
Totals for dept	265 - TOWNSHIP HALL AND GROUNDS	322,132	170,364	159,119	159,973	185,510
Dept 290 - GENEI	RAL OPERATING					
101-290-708.000	PART TIME	4,537	2,420	2,900	2,000	2,150
L01-290-714.000	FRINGE BENEFITS	61,698	(954)	0	0	48,800
L01-290-714.020	PENSION FIREFIGHTERS	0	0	0	1,100,000	0
101-290-714.500	FRINGE BENEFITS - RETIREES	Ō	66,126	73,350	73,350	74,366
101-290-715.000	SOCIAL SECURITY	379	185	195	155	165
01-290-720.000	WORKERS COMP/INSURANCE	3	0	0	0	0
01-290-722.000	UNEMPLOYMENT INSURANCE	0	671	0	ő	õ
L01-290-730.000	POSTAGE-GENERAL	35,978	37,656	35,000	35,000	35,000
01-290-814.000	BANK FEES	33,970	3,761	33,000	4,300	4,300
	CONTRACTUAL SERVICES	0				
.01-290-818,000		0	34,390	40,440	61,313	37,800
01-290-825.000	LEGAL-PROCSECUTIONS		0	75,000	75,000	75,000
101-290-826.000	LEGAL	85,317	54,575	55,000	55,000	55,000
101-290-827.000	LEGAL-PLANNING	0	0	15,000	15,000	15,000

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 PROJECTED DEPA ACTIVITY	2019 RTMENT REQUESTED BUDGET
APPROPRIATIONS						
Dept 290 - GENER	RAL OPERATING					
101-290-828.000	LEGAL-LABOR RELATIONS	2,888	0	75,000	15,000	100,000
101-290-851.000	EQUIPMENT MNT/REPAIRS	0	2,868	1,000	1,000	0
101-290-914.000	TOWNSHIP HALL	0	0	0	250	0
101-290-941.000	COMPUTER SERVICES	132,447	113,261	112,200	112,200	158,370
101-290-958.000	MEMBERSHIP/DUES	15,871	15,193	15,000	15,000	15,000
101-290-960.000	EDUCATION/TRAINING	0	290	0	0	0
101-290-963.000	MISCELLANEOUS EXPENSE	235,015	327	2,000	2,000	2,000
101-290-973.030	STORMWATER GRANT-PERMIT, EDUC & T	10,383	13,344	0	0	0
101-290-973.032	STORMWATER GRANT-SUBWATERSHED MGM	500	0	0	0	0
101-290-978.000	EQUIPMENT PURCHASE	0	25,557	0	0	0
101-290-978.500	EQUIPMENT LEASE PAYMENTS	0	0	0	0	210
101-290-980.000	OPERATING TRANSFER OUT	843,447	526,586	0	0	0
101-290-995.000	DEBT SERVICE	0	0	691,678	592,991	647,029
101-290-995.500	DEBT SERVICE-INTEREST	0	0	85,000	163,459	148,700
Totals for dept	290 - GENERAL OPERATING	1,428,463	896,256	1,278,763	2,323,018	1,418,890
Dept 305 - LAW E	INFORCEMENT					
101-305-703.000	ELECTED OFFICIALS	338,742	336,456	319,844	319,844	329,053
101-305-705.000	SUPERVISORY	449,431	486,870	470,350	470,350	456,670
101-305-706.000	NON-SUPERVISORY	1,419,253	1,528,647	1,503,151	1,503,151	1,559,700
101-305-707.000	CLERICAL	106,191	92,071	113,000	75,036	50,000
101-305-708.000	PART TIME	23,375	38,706	0	28,000	28,000
101-305-709.000	OVERTIME	125,435	76,298	125,000	125,000	100,000
101-305-709.040	HOLIDAY PAY	82,512	76,339	87,970	87,970	86,094
101-305-714.000	FRINGE BENEFITS	444,034	301,522	337,969	337,969	297,800
101-305-714.010	PENSION NON-REP	33,482	27,009	34,923	22,900	25,350
101~305-714.030	PENSION POLICE	417,043	436,178	471,450	471,450	554,828
101-305-714.500	FRINGE BENEFITS RETIREES	0	102,679	153,619	153,619	169,822
101-305-715.000	SOCIAL SECURITY	189,940	198,921	190,500	203,339	205,300
101-305-720.000	WORKERS COMP/INSURANCE	49,331	48,235	47,122	47,122	48,100
101-305-727.000	OFFICE SUPPLIES	12,403	8,580	15,000	15,000	16,300
101-305-758.000	UNIFORMS	24,809	22,912	15,000	15,000	15,000
101-305-776.000	MAINT- BLDG & GROUNDS	58,014	29,691	20,000	20,000	33,000
101-305-818.000	CONTRACTUAL SERVICES	27,063	34,505	32,000	32,000	29,500
101-305-819.000	DOG POUND FEES	1,873	1,150	1,500	1,500	1,500
101-305-826.000	LEGAL	129,496	76,599	0	0	0
101-305-832.000	CORRECTIONS CHARGES	4,180	3,605	6,000	6,000	6,000
101-305-851.000	EQUIPMENT MNT/REPAIRS	15,562	11,870	18,000	16,000	15,975
101-305-853.000	TELEPHONE	10,979	14,199	15,000	15,000	15,500
101-305-863.000	AUTO EXPENSE/LEASE	100,084	91,903	110,000	110,000	110,000
101-305-885.000	COMMUNITY SERVICE	0	0	5,000	5,000	5,000
101-305-921.000	UTILITIES	33,616	34,960	35,000	35,000	35,700
101-305-958.000	MEMBERSHIP/DUES	405	855	1,000	1,000	1,000
101-305-960.000	EDUCATION/TRAINING	49,533	31,955	35,000	35,000	45,000
101-305-962.000	CANINE EXPENSES	0	52	0	1,233	0
101-305-963.000	MISCELLANEOUS EXPENSE	34,156	1,042	2,000	2,000	2,000
101-305-963.010 101-305-963.020	GRANT EXPENDITURES-1	0	3,841	0	0	Ű
	GRANT EXPENDITURES - 2	885	0 559		0	11 557
101-305-978.000	EQUIPMENT PURCHASE	66,034	9,558 270	14,800		11,557
101-305-978.001 101-305-978.500	Equipt Purchases < \$1,000 EQUIPMENT LEASE PAYMENTS	0	270	0	0 1,416	0 5,108
	305 - LAW ENFORCEMENT	4,247,861	4,127,478	4,180,198	4,156,899	4,258,857
Dept 315 - EMER(	GENCY PREPAREDNESS					
	SCHOOL CROSSING GUARD	11,545	9,690	14,000	12,000	

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 Amended Budget	2018 PROJECTED DEPAN ACTIVITY	2019 RTMENT REQUESTED BUDGET
APPROPRIATIONS						
	RGENCY PREPAREDNESS	6 670	E 074	4 000	F 000	F 000
101-315-951.000	EMERGENCY PREPAREDNESS	6,672	5,074	4,000	5,000	5,000
Totals for de	pt 315 - EMERGENCY PREPAREDNESS	18,217	14,764	18,000	17,000	17,000
Dept 325 - COM						
101-325-705.000	SUPERVISORY	0	0	47,700	17,500	70,200
101-325-706.000	NON-SUPERVISORY	682,223	612,529	690,000	690,000	670,000
101-325-707.000	CLERICAL	47,758	49,642	50,000	50,000	50,000
101-325-709.000 101-325-709.040	OVERTIME	34,375	58,245	35,000	35,000	35,000
101-325-714.000	HOLIDAY PAY FRINGE BENEFITS	30,042 111,904	29,201 116,865	33,500 169,000	33,500 169,000	33,500 163,500
101-325-714.010	PENSION NON-REP	5,337	6,821	7,500	7,500	7,500
101-325-714.050	PENSION COMMUNICATIONS	79,970	102,865	129,900	129,900	136,380
101-325-714.500	FRINGE BENEFITS - RETIREES	0	3,237	0	7,000	7,000
101-325-715.000	SOCIAL SECURITY	59,030	54,659	61,000	61,000	66,570
101-325-720.000	WORKERS COMP/INSURANCE	2,305	2,524	10,000	2,600	2,600
101-325-727.000	OFFICE SUPPLIES	4,092	6,077	5,000	5,000	3,500
101-325-727.400	OFFICE SUPPLIES LOCKUP & RECORDS	0	0	0	0	2,000
101-325-758.000	UNIFORMS	1,677	4,166	3,000	3,000	3,000
101-325-776.000	MAINT~ BLDG & GROUNDS	0	0	0	0	8,000
101-325-818.000	CONTRACTUAL SERVICES	47,467	69,542	77,000	49,100	39,000
101-325-818.400	CONTRACTUAL SERVICES- LOCKUP & RE		263	0	6,000	6,000
101-325-828.000	LEGAL-LABOR RELATIONS	3,508	5,503	0	0	0
101-325-835.000	PHYSICAL EXAMS	0	105	1,000	1,000	750
101-325-851.000	EQUIPMENT MNT/REPAIRS	23,392	24,865	20,000	24,000	24,000
101-325-851.400 101-325-853.000	EQUIPT MAINT/REPAIR LOCKUP & RECO TELEPHONE	0 9,091	12 222	10 000	1,300	1,300
101-325-853.400	TELEPHONE LOCKUP & RECORDS	9,091	13,333	10,000	3,750 7,500	3,825 12,185
101-325-921.000	UTILITIES	13,994	14,555	15,000	15,000	15,300
101-325-958.000	MEMBERSHIP/DUES	50	50	100	10,000	100
101-325-960.000	EDUCATION/TRAINING	8,440	7,301	8,000	8,000	41,804
101-325-963.000	MISCELLANEOUS EXPENSE	5,343	625	3,000	3,000	3,000
101-325-978.000	EQUIPMENT PURCHASE	0	24,397	101,500	25,500	367,800
Totals for de	pt 325 - COMMUNICATIONS	1,169,998	1,207,370	1,477,200	1,355,250	1,773,814
		_, ,	_,,	_/ _ /	_, ,	_, ,
Dept 336 - FIR		105 002	107 400	110 544		
101-336-703.000 101-336-705.000	ELECTED OFFICIALS	105,823	107,420	110,544	110,544	109,000
101-336-706.000	SUPERVISORY NON-SUPERVISORY	584,345 795,230	661,601 885,310	810,000 828,502	810,000	818,000
101-336-707.000	CLERICAL	40,836	42,135	42,000	828,502 42,000	886,000 43,000
101-336-708.000	PART TIME	94,563	6,007	42,000	42,000	45,000
101-336-709.000	OVERTIME	74,433	109,392	114,000	114,000	70,000
101-336-709.010	ACT 604 OVERTIME	63,295	66,969	86,712	86,712	90,000
101-336-709.020	FOOD & CLOTHING ALLOWANCE	23,850	24,350	28,086	28,086	31,800
101-336-709.030	ALS PAY	0	0	68,004	68,004	72,000
101-336-709.040	HOLIDAY PAY	63,581	68,964	89,448	89,448	91,000
101-336-714.000	FRINGE BENEFITS	521,484	278,996	303,747	303,747	294,315
101-336-714.010	PENSION NON-REP	6,366	6,320	7,000	7,000	6,450
101-336-714.020	PENSION FIREFIGHTERS	301,284	410,723	534,025	534,025	687,553
101-336-714.500	FRINGE BENEFITS - RETIREES	0	303,187	319,235	319,235	320,000
101-336-715.000	SOCIAL SECURITY	137,748	146,383	168,937	168,937	170,000
101-336-720.000	WORKERS COMP/INSURANCE	59,170	51,118	48,428	48,428	50,000
101-336-727.000 101-336-729.000	OFFICE SUPPLIES	32,933	9,789	5,000	5,000	5,000
101-336-729.000	SUBSCRIPTIONS, DUES & MEMBERSHIPS EXTINGUISHER RECHARGE/SCBE	0	13,454	10,500 2,000	10,500 2,000	10,000 2,000
101-336-758.000	UNIFORMS	10,115	15,940	3,000	3,000	3,000
101 000 1001000	ONTE OTHO	10,110	10, 540	5,000	5,000	5,000

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 PROJECTED DEPAN ACTIVITY	2019 TMENT REQUESTER BUDGE
APPROPRIATIONS		<u> </u>				
Dept 336 - FIRE						
101-336-758.100	TURN OUT GEAR	0	0	17,000	17,000	12,000
101-336-776.000	MAINT- BLDG & GROUNDS	76,788	46,771	30,000	50,000	56,000
101-336-824.000	LICENSES & SOFTWARE MAINT FEES	0	5,434	4,500	10,000	14,000
101-336-826.000	LEGAL	19,902	9,531	0	0	0
101~336-835.000	PHYSICAL EXAMS	17,234	15,555	20,000	20,000	10,000
101-336-836.000	RESCUE SERVICE SUPPLIES	20,694	20,304	22,500	22,500	24,000
101-336-851.000	EQUIPMENT MNT/REPAIRS	14,382	16,268	20,000	20,000	20,000
101-336-853.000	TELEPHONE	11,882	17,097	13,000	13,000	14,000
101-336-863.000	AUTO EXPENSE/LEASE	43,642	110,021	78,000	78,000	78,000
101-336-873.000	TRAVEL EXPENSE	123	18	200	200	500
101-336-885.000	COMMUNITY SERVICE	2,635	984	2,000	2,000	2,000
101-336-921.000	UTILITIES	69,387	65,151	60,000	60,000	60,000
101-336-959.000	TRANSPORT BILLING	0	3,438	5,000	5,000	6,000
101-336-960.000	EDUCATION/TRAINING	22,991	19,574	17,000	17,000	20,000
101-336-963.000	MISCELLANEOUS EXPENSE	0	3,051	5,000	5,000	5,000
101-336-970.000	CAPITAL OUTLAY	57,403	0	0	0	0
101-336-978.000	EQUIPMENT PURCHASE	53,187	250,921	11,902	11,902	764,000
101-336-978.500	EQUIPMENT LEASE PAYMENTS	0	0	0	600	1,197
101-336-979.000	SMALL TOOLS	2,846	1,544	3,000	3,000	3,000
Totals for dep		3,328,152	3,793,720	3,888,270	3,914,370	4,848,815
Dept 371 - BUII	DING					
101-371-705.000	SUPERVISORY	92,009	93,574	92,321	91,913	93,819
101-371-706.000	NON-SUPERVISORY	87,567	110,227	118,250	118,250	63,045
101-371-707.000	CLERICAL	47,035	48,834	48,301	48,301	55,740
101-371-708.000	PART TIME	0	0	0	0	25,000
101-371-709.000	OVERTIME	585	540	2,000	748	C
101-371-714.000	FRINGE BENEFITS	44,615	49,425	49,371	49,370	33,402
101-371-714.010	PENSION NON-REP	28,319	34,043	37,460	37,460	25,253
101-371-714.500	FRINGE BENEFITS	0	0	0	535	C
101-371-715.000	SOCIAL SECURITY	16,853	18,793	19,404	19,404	18,176
101-371-720.000	WORKERS COMP/INSURANCE	1,581	1,496	1,264	1,264	1,225
101-371-727.000	OFFICE SUPPLIES	5,212	7,165	5,000	5,000	5,100
101-371-818.000	CONTRACTUAL SERVICES	128,234	121,646	140,000	135,000	137,700
101-371-818.500	CONTRACTUAL SERVICES-PLANNING	0	(2,868)	130,000	108,500	108,500
101-371-826.000	LEGAL	0	3,469	0	0	C
101-371-851.000	EQUIPMENT MNT/REPAIRS	0	284	0	0	(
101-371-851.500	EQUIPTMNT/REPAIR PLANNING	0	0	0	8	(
101-371-853.000	TELEPHONE	5,471	6,615	5,700	6,500	6,630
101-371-853.500	TELEPHONE- PLANNING	0	0	2,000	1,500	1,530
101-371-863.000	AUTO EXPENSE/LEASE	6,073	7,891	7,000	7,000	7,000
101-371-921.000	UTILITIES	7,369	7,664	10,000	7,530	7,680
101-371-921.500	UTILITIES-PLANNING	0	0	0	4,218	4,300
101-371-942.000	INTERGOVERNMENTAL SERVICE	0	0	29,002	31,000	34,490
101-371-958.000	MEMBERSHIP/DUES	885	999	1,000	1,000	1,000
101-371-960.000	EDUCATION/TRAINING	2,070	2,330	2,850	2,850	2,850
101-371-965.000	REFUNDS	724	1,455	1,000	3,000	2,50
101-371-978.000 101-371-978.500	EQUIPMENT PURCHASE EQUIPMENT LEASE PAYMENTS	3,676 0	5,839 0	16,871 0	16,871 128	15,57
	t 371 - BUILDING	478,278	519,421	718,794	697,350	651,742
-	AUNITY DEVELOPMENT	-, -				-
101-400-705.000	SUPERVISORY	59,137	8,289	0	0	(
101-400-707.000	CLERICAL	13,567	21,012	Ō	ō	I
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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 PROJECTED DEPAR ACTIVITY	2019 TMENT REQUESTED BUDGET
APPROPRIATIONS						
Dept 400 - COMMUN	IITY DEVELOPMENT					
101-400-714.000	FRINGE BENEFITS	2,239	5,404	0	0	0
101-400-714.010	PENSION NON-REP	8.167	3,351	0	ō	D
101-400-715.000	SOCIAL SECURITY	5,371	2,050	b	0	0
101-400-720.000	WORKERS COMP/INSURANCE	220	59	0	0	0
101-400-727.000	OFFICE SUPPLIES	61.7	1,592	6	0	0
101-400-818.000	CONTRACTUAL SERVICES	32,614	156,803	0	0	0
101-400-851.000	EQUIPMENT MNT/REPAIRS	116	108	0	0	0
101-400-853.000	TELEPHONE	2,689	4,363	Ð	0	0
101-400-913.000	COMPUTER EQUIP/SOFTWARE	370	Q	D	0	0
101-400-921.000	UTILITIES	4,128	4,293	0	0	0
101-400-960.000	EDUCATION/TRAINING	25	.0	0	0	0
Totals for dept 4	400 - COMMUNITY DEVELOPMENT	129,519	207,324	D	0	0
Dept 442 - INTERG 101-442-942.000	OVERNMENTAL INTERGOVERNMENTAL SERVICE	79,523	62,630	70.000	10.000	Sec. 2(25)
		· · · · ·		70,000	70,000	77,441
-	442 – INTERGOVERNMENTAL	79,523	62,630	70,000	70,000	77,441
Dept 446 - TRAFFI 101-446-731.000	C AND SAFETY SALT	0	1 A.M.	5 050	5 000	
101-446-732.000	ASHPHALT& COLDPATCH	0	8,248	5,000	5,000	5,000
101~446-818.000	CONTRACTUAL SERVICES	0	G	2,000	2,000	2,000
101-446~851.000	EQUIPMENT MNT/REPAIRS	96,636	743.370	10,000	10,680	6,000
101-446-920.000	STREET LIGHTING	68,921	69.327	0 E3 000	0	0
101-446-920.010	SWEEPER MAINTENANCE	00, 521	82	51,000	52,000	52,000
101-446-970.000	CAPITAL OUTLAY	9	0	0	0	200,000
101-446-978.000	EQUIPMENT PURCHASE	79,893	0	ö	o	300,000 0
Totals for dept	446 - TRAFFIC AND SAFETY	245,450	621,880	68,000	69,680	365,000
Dept 691 - PARK						
101-691-705.000	SUPERVISORY	51,969	0	0	0	0
101-691-708.000	PART TIME	135,422	167,946	145,000	0	107 000
101-691-709.000	OVERTIME	23,595	1,625	145,000	145,000 1,237	127,000
101-691-714.000	FRINGE BENEFITS	14,773	(74)	0	360	0
101-691-714.010	PENSION NON-REP	(7,811)	0	ő	0	0
101-691-714.500	FRINGE BENEFITS - RETIREES	0	ő	3,975	3,975	3,975
101-691-715.000	SOCIAL SECURITY	16,048	12,972	11,100	11,100	9,716
101-691-720.000	WORKERS COMP/INSURANCE	3,594	2,706	2,239	2,600	2,600
101-691-727,000	OFFICE SUPPLIES	2,467	2,150	1,500	1,500	1,500
101-691-758.000	UNIFORMS	1,000	272	500	500	500
101-691-801.000	RECREATION PROGRAM	115,326	0	0	0	0
101-691-818.000	CONTRACTUAL SERVICES	2,872	10,540	2,000	2,000	9,500
101-691-853.000	TELEPHONE	3,687	2,799	2,500	2,500	2,550
101-691-863.000	AUTO EXPENSE/LEASE	4,599	9,370	4,500	10,102	5,051
101-691-921.000	UTILITIES	54,527	45,924	35,000	35,000	35,700
101~691-931.000	BUILDING/GROUND MNT	94,387	29,933	25,000	30,000	25,000
101-691-942.000	INTERGOVERNMENTAL SERVICE	0	16,833	15,132	15,132	16,764
101-691-970.000	CAPITAL OUTLAY	0	1,402	0	0	0
101-691-973.000	RECREATION GRANTS	30	0	0	0	0
101-691-973.020	RECREATION & HABITAT GRANT EXP	0	0	5,000	0	0
101-691-973.060	FORESTRY GRANT	26,425	0	0	0	0
101-691-978.000	EQUIPMENT PURCHASE	877	34,708	134,800	134,800	52,200
101-691-978.001	Equipt Purchases < \$1,000	0	5,763	4,000	4,000	0
101-691-979.000	SMALL TOOLS	478	0	500	500	500
Totals for dept 6	byl = PARK	544,265	344,869	392,746	400,306	292,556

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GL NUMBER	DESCRIPTION	2016 ACTIVITY	2017 ACTIVITY	2018 AMENDED BUDGET	2018 PROJECTED DEPA ACTIVITY	2019 ARTMENT REQUESTED BUDGET
APPROPRIATIONS						
	NNING COMMISSION	0.070	11 000	10,000	14 000	14 000
101-801-704.000 101-801-715.000	SALARY-BOARD SOCIAL SECURITY	9,270 709	11,990 917	12,000 920	14,000 1,075	14,000 1,075
101-801-720.000	WORKERS COMP/INSURANCE	50	11	25	25	25
101-801-813.000	PUBLISHING	1,098	807	1,000	1,000	1,000
101-801-826.000	LEGAL	72,184	13,187	0	0	. 0
101-801-861.000	EXPENSE ALLOWANCE	900	650	0	650	650
Totals for dep	ot 801 - PLANNING COMMISSION	84,211	27,562	13,945	16,750	16,750
Dept 815 - BOAD	RD OF APPEALS					
101-815-704.000	SALARY-BOARD	3,231	3,900	3,200	4,200	4,200
101-815-715.000	SOCIAL SECURITY	214	298	245	325	325
101-815-720.000	WORKERS COMP/INSURANCE	5	0	0	0	0
Totals for dep	pt 815 - BOARD OF APPEALS	3,450	4,198	3,445	4,525	4,525
Dept 851 - BLO						
101-851-971.000	BLOCK GRANT	91,252	132,843	69,366	69,000	80,587
Totals for dep	pt 851 - BLOCK GRANT	91,252	132,843	69,366	69,000	80,587
Dept 954 - INSU						
101-954-912.000	MUNICIPAL RISK INSURANCE	353,417	343,526	352,700	352,700	350,000
Totals for dep	pt 954 - INSÚRANCE	353,417	343,526	352,700	352,700	350,000
Dept 955 - COM	MUNITY SERVICE					
101-955-885.000	COMMUNITY SERVICE	75,488	58,550	58,500	58,500	43,100
Totals for dep	ot 955 - COMMUNITY SERVICE	75,488	58,550	58,500	58,500	43,100
TOTAL APPROPRIAT	FIONS	14,610,502	14,640,090	14,847,458	15,761,776	16,318,951
NET OF REVENUES	APPROPRIATIONS - FUND 101	(216,095)	144,160	172,020	865,460	(1,166,975)
BEGINNIN	NG FUND BALANCE	4,157,053	3,910,763	4,054,921	4,054,921	4,920,381
	LANCE ADJUSTMENTS	(30,204)	0	0	0	0
ENDING E	FUND BALANCE	3,910,754	4,054,923	4,226,941	4,920,381	3,753,406

# **ITEM G** SUPERVISOR AND TRUSTEE COMMENTS

# **ITEM H PUBLIC COMMENTS AND QUESTIONS**

